# Linux-Bioinformatica

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## 1 Comandos Básicos de Linux

## 1.1 Conceptos

- La mayor parte de comandos que va a utilizar son para el manejo de archivos
- Los archivos se ubican en directorios o carpetas.
- Cuando inicia seción siempre va a estar en su directorio raíz (su cuenta)

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In [34]: ## Ejemplo
pwd
```

/home/lg

- En cada directorio siempre están presenta dos directorios:
  - El directorio padre: ..
  - El directorio actual: .

drwxr-xr-x 47 4.0K 10-01 20:46 ... drwxrwxr-x 2 4.0K 10-01 20:48 taller1

## 2 Resumen de Comandos

## 2.1 Manejo de directorios

• pwd : Muestra el directorio actual donde estoy ubicado

• mkdir: Crea (make dir) un directorio

• cd : Se cambia (change dir) a un directorio

• rmdir : Borra un directorio (que esté vacio)

## 2.2 Manejo de archivos

• ls : Lista (list) los archivos y directorios

• ll : Lista (long list) de forma detallada (permisos, tamaño, hora)

• cp : Copia (copy) un archivo a otro lugar o hace una copia del archivo

• mv : Mueve (move) un archivo a otro lugar o le cambia de nombre

• rm: Borra (remove) un archivo

• touch: Crea un archivo vacio

## 2.3 Descompresión archivos

• gunzip: Descomprime archivo con extension .gz

• tar : Descomprime **archivo** con extension .tgz o .tar.gz

## 2.4 Descarga de archivos

• wget: Descarga un archivo de un URL (http:/....)

#### 2.5 Pantalla/Visualización de archivos

• clear : Limpia la pantalla de comandos o resultados anteriores

• cat : Muestra el contenido de un archivo

• head : Muestra las primeras 10 líneas de un archivo

• tail: Muestra las últimas 10 liínes de un archivo

#### 2.6 Filtrado de archivos

• wget : Filtra un archivo dado un patron de búsqueda (muestra las líneas que solo contengan ese patron.

#### 2.7 Editores tipo consola

• nano: Editor de texto modo consola

# 3 Uso y Ejemplos de los comandos

## 3.1 pwd: Muestra el directorio actual donde estoy ubicado

```
In [45]: ## Ejemplo pwd
```

## 3.2 mkdir: Crea (make dir) un directorio

• USO: mkdir < nombreDirectorioNuevo >

## 3.3 cd: Se cambia (change dir) a un directorio

- USO: cd < nombreDirectorio >
- Si se ejecuta solito se cambia a mi directorio raíz (directorio inicial)

• Si se agrega un nombre de directorio se ubica en ese directorio

## 3.4 rmdir : Borra un directorio (que esté vacio)

```
In [57]: ## Ejemplo:
```

## 3.5 ls y ll: Lista (list) los archivos y directorios

### 3.6 Manejo de archivos

- cp : Copia (copy) un archivo a otro lugar o hace una copia del archivo
- mv : Mueve (move) un archivo a otro lugar o le cambia de nombre
- rm : Borra (remove) un archivo

### 3.6.1 cp: Copia (copy) un archivo a otro lugar o hace una copia del archivo

• USO: cp < archivoOrigen > < archivoDestino >

```
In [62]: ## Hace una copia de hola.txt
         cp hola.txt mundo.txt
        11
total 12K
drwxrwxr-x 3 4.0K 10-01 21:06 .
drwxr-xr-x 47 4.0K 10-01 20:55 ...
-rw-rw-r-- 1
                0 10-01 21:05 hola.txt
-rw-rw-r-- 1
                0 10-01 21:06 mundo.txt
drwxrwxr-x 2 4.0K 10-01 20:50 taller2
In [64]: ## Hace una copia en el dir taller2
        cp hola.txt taller2
In [65]: ## Lista lo que hay en taller2
        ll taller2
total 8.0K
drwxrwxr-x 2 4.0K 10-01 21:07 .
drwxrwxr-x 3 4.0K 10-01 21:06 ...
-rw-rw-r-- 1 0 10-01 21:07 hola.txt
3.6.2 mv : Mueve (move) un archivo a otro lugar o le cambia de nombre
  • USO1: mv < archivoOrigen> < directorioDestino >
  • USO2: mv < archivoOrigen> < archivoDestino >
In [67]: ## Ejemplo
        11
total 12K
drwxrwxr-x 3 4.0K 10-01 21:06 .
drwxr-xr-x 47 4.0K 10-01 20:55 ...
                0 10-01 21:05 hola.txt
-rw-rw-r-- 1
                 0 10-01 21:06 mundo.txt
-rw-rw-r-- 1
drwxrwxr-x 2 4.0K 10-01 21:07 taller2
In [68]: mkdir taller3
        11
total 16K
drwxrwxr-x 4 4.0K 10-01 21:11 .
drwxr-xr-x 47 4.0K 10-01 20:55 ...
-rw-rw-r-- 1 0 10-01 21:05 hola.txt
-rw-rw-r-- 1
                0 10-01 21:06 mundo.txt
drwxrwxr-x 2 4.0K 10-01 21:07 taller2
drwxrwxr-x 2 4.0K 10-01 21:11 taller3
```

```
In [69]: ## Mueve todos los archivos que terminan en .txt al dir taller3
        mv *.txt taller3
In [70]: 11
total 16K
drwxrwxr-x 4 4.0K 10-01 21:12 .
drwxr-xr-x 47 4.0K 10-01 20:55 ...
drwxrwxr-x 2 4.0K 10-01 21:07 taller2
drwxrwxr-x 2 4.0K 10-01 21:12 taller3
In [71]: ## Lista que hay en taller3
         ll taller3
total 8.0K
drwxrwxr-x 2 4.0K 10-01 21:12 .
drwxrwxr-x 4 4.0K 10-01 21:12 ...
-rw-rw-r-- 1 0 10-01 21:05 hola.txt
-rw-rw-r-- 1 0 10-01 21:06 mundo.txt
3.6.3 rm: Borra (remove) un archivo
  • USO: rm < nombreArchivo >
  • Eliminar el archivo
In [73]: ### Ejemplo
        11
total 16K
drwxrwxr-x 4 4.0K 10-01 21:12 .
drwxr-xr-x 47 4.0K 10-01 20:55 ...
drwxrwxr-x 2 4.0K 10-01 21:07 taller2
drwxrwxr-x 2 4.0K 10-01 21:12 taller3
In [74]: cd taller3
        11
total 8.0K
drwxrwxr-x 2 4.0K 10-01 21:12 .
drwxrwxr-x 4 4.0K 10-01 21:12 ...
-rw-rw-r-- 1 0 10-01 21:05 hola.txt
              0 10-01 21:06 mundo.txt
-rw-rw-r-- 1
In [16]: ## borra hola.txt
        rm hola.txt
        11
```

```
total 0
-rw-rw-r-- 1 0 10-01 21:06 mundo.txt

In [17]: ll

total 0
-rw-rw-r-- 1 0 10-01 21:06 mundo.txt
```

#### 3.7 Pantalla/Visualización de archivos

- clear: Limpia la pantalla de comandos o resultados anteriores
- cat : Muestra el contenido de un archivo
  - USO: cat < nombreArchivo >
- head : Muestra las primeras 10 líneas de un archivo
  - USO: head < nombreArchivo >
- tail: Muestra las últimas 10 liínes de un archivo
  - USO: tail < nombreArchivo >

In [20]: cat genoma.fna

 CTAAAGTTCTTCACCCCGCACCATTACCCCCATCGCCCAGTTCCAGATCCCTTGCCTGATTAAAAATACCGGAAATCCT  ${\tt CAAGCACCAGGTACGCTCATTGGTGCCAGCCGTGATGAAGACGAATTACCGGTCAAGGGCATTTCCAATCTGAATAACAT}$  $\tt CGAGCTGAACGGGCAATGCAGGAAGAGTTCTACCTGGAACTGAAAGAAGGCTTACTGGAGCCGCTGGCAGTGACGGAACG$ GCTGGCCATTATCTCGGTGGTAGGTGATGGTATGCGCACCTTGCGTGGGATCTCGGCGAAATTCTTTGCCGCACTGGCCC GCGCCAATATCAACATTGTCGCCATTGCTCAGGGATCTTCTGAACGCTCAATCTCTGTGGTGAAATAACGATGATGCG GTGTTGCCAACTCGAAGGCTCTGCTCACCAATGTACATGGCCTTAATCTGGAAAACTGGCAGGAAGAACTGGCGCAAGCC TTCCAGCCAGGCAGTGGCGGATCAATATGCCGACTTCCTGCGCGAAGGTTTCCACGTTGTCACGCCGAACAAAAAGGCCA ACACCTCGTCGATGGATTACTACCATCAGTTGCGTTATGCGGCGGAAAAATCGCGGCGTAAATTCCTCTATGACACCAAC GTTGGGGCTGGATTACCGGTTATTGAGAACCTGCAAAATCTGCTCAATGCAGGTGATGAATTGATGAAGTTCTCCGGCAT GAAACGGGACGTGAACTGGAGCTGGCGGATATTGAAATTGAACCTGTGCCCGCAGAGTTTAACGCCGAGGGTGATGT TTTTGCGCTATGTTGGCAATATTGATGAAGATGGCGTCTGCCGCGTGAAGATTGCCGAAGTGGATGGTAATGATCCGCTG TTCAAAGTGAAAAATGGCGAAAACGCCCTGGCCTTCTATAGCCACTATTATCAGCCGCTGCCGTTGGTACTGCGCGGATA TGGTGCGGGCAATGACGTTACAGCTGCCGGTGTCTTTGCTGATCTGCTACGTACCCTCTCATGGAAGTTAGGAGTCTGAC ATGGTTAAAGTTTATGCCCCGGCTTCCAGTGCCAATATGAGCGTCGGGTTTGATGTGCTCGGGGCGGCGGTGACACCTGT TGATGGTGCATTGCTCGGAGATGTAGTCACGGTTGAGGCGGCAGAGACATTCAGTCTCAACAACCTCGGACGCTTTGCCG ATAAGCTGCCGTCAGAACCACGGGAAAATATCGTTTATCAGTGCTGGGAGCGTTTTTGCCAGGAACTGGGTAAGCAAATT GATGGCGATGAATGAACACTGCGGCAAGCCGCTTAATGACACTCGTTTGCTGGCTTTGATGGGCGAGCTGGAAGGCCGTA TCTCCGGCAGCATTCATTACGACAACGTGGCACCGTGTTTTCTCGGTGGTATGCAGTTGATGATCGAAGAAAACGACATC ATCAGCCAGCAAGTGCCAGGGTTTGATGAGTGGCTGTGGGTGCTGCCGTATCCGGGGGATTAAAGTCTCGACGGCAGAAGC GCTATTCCCGTCAGCCTGAGCTTGCCGCGAAGCTGATGAAAGATGTTATCGCTGAACCCTACCGTGAACGGTTACTGCCA TTGTTCATATTTGCCGGCTGGATACGGCGGGCGCACGAGTACTGGAAAACTAAATGAAACTCTACAATCTGAAAGATCAC GGAATTCAGCCTGACTGAAATTGATGAGATGCTGAAGCTGGATTTTGTCACCCGCAGTGCGAAGATCCTCTCGGCGTTTA GAAAGCGATGTCGGTTGTCTGGAATTGTTCCACGGGCCAACGCTGGCATTTAAAGATTTCGGCGGTCGCTTTATGGCACA ATGCTTTCTACGGTTTACCGAATGTGAAAGTGGTTATCCTCTATCCACGAGGCAAAATCAGTCCACTGCAAGAAAAACTG TTCTGTACATTGGGCGCCAATATCGAAACTGTTGCCATCGACGGCGATTTCGATGCCTGTCAGGCGCTGGTGAAGCAGGC GTTTGATGATGAAGAACTGAAAGTGGCGCTAGGGTTAAACTCGGCTAACTCGATTAACATCAGCCGTTTGCTGGCGCAGA TTTGCTACTACTTTGAAGCTGTTGCGCAGCTGCCGCAGGAGACGCGCAACCAGCTGGTTGTCTCGGTGCCAAGCGGAAAC TTCGGCGATTTGACGGCGGGTCTGCTGGCGAAGTCACTCGGTCTGCCGGTGAAACGTTTTATTGCTGCGACCAACGTGAA CGATACCGTGCCACGTTTCCTGCACGACGGTCAGTGGTCACCCAAAGCGACTCAGGCGACGTTATCCAACGCGATGGACG TGAGTCAGCCGAACAACTGGCCGCGTGTGGAAGAGTTGTTCCGCCGCAAAATCTGGCAACTGAAAGAGCTGGGTTATGCA GCCGTGGATGATGAAACCACGCAACAGCAATGCGTGAGTTAAAAGAACTGGGCTACACTTCGGAGCCGCACGCTGCCGT AGCTTATCGTGCGCTGCTGATCAGTTGAATCCAGGCGAATATGGCTTGTTCCTCGGCACCGCGCATCCGGCGAAATTTA  ${\tt AAGAGAGCGTGGAAGCGATTCTCGGTGAAACGTTGGATCTGCCAAAAGAGCTGGCAGAACGTGCTGATTTACCCTTGCTT}$ TCACATAATCTGCCCGCCGATTTTGCTGCGTTGCGTAAATTGATGATGATCATCAGTAAAATCTATTCATTATCTCAAT CAGGCCGGGTTTGCTTTTATGCAGCCCGGCTTTTTTATGAAGAAATTATGGAGAAAAATGACAGGGAAAAAGGAGAAATT CTCAATAAATGCGGTAACTTAGAGATTAGGATTGCGGAGAATAACAACCGCCGTTCTCATCGAGTAATCTCCGGATATCG CGCTCCCATGGCACACGGCTGCGGAAATTACGTTAGTCCCGTCAGTAAAATTACAGATAGGCGATCGTGATAATCGTG GCTATTACTGGGATGGAGGTCACTGGCGGACCACGGCTGGTGGAAACAACATTATGAATGGCGAGGCAATCGCTGGCAC CTACACGGACCGCCGCCGCCGCCGCCACCATAAGAAAGCTCCTCATGATCATCACGGCGGTCATGGTCCAGGCAAACA TCACCGCTAAATGACAAATGCCGGGTAACAATCCGGCATTCAGCGCCTGATGCGACGCTGGCGCGTCTTATCAGGCCTAC GTTAATTCTGCAATATATTGAATCTGCATGCTTTTGTAGGCAGGATAAGGCGTTCACGCCGCATCCGGCATTGACTGCAA ACTTAACGCTGCTCGTAGCGTTTAAACACCAGTTCGCCATTGCTGGAGGAATCTTCATCAAAGAAGTAACCTTCGCTATT  ${\tt AAAACCAGTCAGTTGCTCTGGTTTGGTCAGCCGATTTTCAATAATGAAACGACTCATCAGACCGCGTGCTTTCTTAGCGT}$ AGAAGCTGATGATCTTAAATTTGCCGTTCTTCTCATCGAGGAACACCGGCTTGATAATCTCGGCATTCAATTTCTTCGGC TTCACCGATTTAAAATACTCATCTGACGCCAGATTAATCACCACATTATCGCCTTGTGCTGCGAGCGCCTCGTTCAGCTT GTTGGTGATGATATCTCCCCAGAATTGATACAGATCTTTCCCTCGGGCATTCTCAAGACGGATCCCCATTTCCAGACGAT  $\tt AAGGCTGCATTAAATCGAGCGGGCGGAGTACGCCATACAAGCCGGAAAGCATTCGCAAATGCTGTTGGGCAAAATCGAAA$ TCGTCTTCGCTGAAGGTTTCGGCCTGCAAGCCGGTGTAGACATCACCTTTAAACGCCAGAATCGCCTGGCGGGCATTCGC TAATCTGCGGAGGCGTCAGTTTCCGCGCCTCATGGATCAACTGCTGGGAATTGTCTAACAGCTCCGGCAGCGTATAGCGC  $\tt GTGGTGGTCAACGGGCTTTGGTAATCAAGCGTTTTCGCAGGTGAAATAAGAATCAGCATATCCAGTCCTTGCAGGAAATTCAGCATATCCAGTCCTTGCAGGAAATTCAGCATATCAGCATATCCAGTCCTTGCAGGAAATTCAGCATATCCAGTCCTTGCAGGAAATTCAGCATATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATTAAGAATCAGCATATCCAGTCCTTGCAGGAAATTAAGAATTAAT$ TATGCCGACTTTAGCAAAAAATGAGATGAGTTGATCGATAGTTGTGATTACTCCTGCGAAACATCATCCCACGCGTCCG GAGAAAGCTGGCGACCGATATCCGGATAACGCAATGGATCAAACACCGGGCGCACGCCGAGTTTACGCTGGCGTAGATAA  ${\tt TCACTGGCAATGGTATGAACCACAGGCGAGAGCAGTAAAATGGCGGTCAAATTGGTAATAGCCATGCAGGCCATTATGAT}$ ATCTGCCAGTTGCCACATCAGCGGAAGGCTTAGCAAGGTGCCGCCGATGACCGTTGCGAAGGTGCAGATCCGCAAACACC AGATCGCTTTAGGGTTGTTCAGGCGTAAAAAGAAGAGATTGTTTTCGGCATAAATGTAGTTGGCAACGATGGAGCTGAAG GCAAACAGAATAACCACAAGGGTAACAAACTCAGCACCCCAGGAACCCATTAGCACCCGCATCGCCTTCTGGATAAGCTG AATACCTTCCAGCGGCATGTAGGTTGTGCCGTTACCCGCCAGTAATATCAGCATGGCGCTTGCCGTACAGATGACCAGGG TGTCGATAAAAATGCCAATCATCTGGACAATCCCTTGCGCTGCCGGATGCGGAGGCCAGGACGCCGCTGCCGCTGCCGCG TTTGGCGTCGAACCCATTCCCGCCTCATTGGAAAACATACTGCGCTGAAAACCGTTAGTAATCGCCTGGCTTAAGGTATA TCCCGCCGCCGCCTCCCGCTTCCTGCCAGCCAAAAGCACTCTCAAAAATAGACCAAATGACGTGGGGAAGTTGCCCGA TATTCATTACGCAAATTACCAGGCTGGTCAGTACCCAGATTATCGCCATCAACGGGACAAAGCCCTGCATGAGCCGGGCG AGAAAAACTCAGGGCGCGGGCAACGGCGTTCGCTTGAACTCCGCTGAAAATTATGCCATAGGCGATGAGCAAAAAGACGG CGAACAGAACGCCCATCCAGCGCATCCCAGCCCGCGCGCCATATACCATGCCGGTCCGCCACGAAACTGCCCATTGACG TCACGTTCTTTATAAAGTTGTGCCAGAGAACATTCGGCAAACGAGGTCGCCATGCCGATAAACGCGGCAACCCACATCCA TGGTACACAATGACTGAAATGAGGTTAAACCGCCTGGCTGTGGATGAATGCTATTTTTAAGACTTTTTGCCAAACTGGCGG ATGTAGCGAAACTGCACAAATCCGGTGCGAAAAGTGAACCAACAACCTGCGCCGAAGAGCAGGTAAATCATTACCGATCC AAACGTTACCAATTGTTTAAGAAGTATATACGCTACGAGGTACTTGATAACTTCTGCGTAGCATACATGAGGTTTTGTAT AAAAATGGCGGCGATATCAACGCAGTGTCAGAAATCCGAAACAGTCTCGCCTGGCGATAACCGTCTTGTCGGCGGTTGC GCTGACGTTGCGTCGTGATATCATCAGGGCAGACCGGTTACATCCCCCTAACAAGCTGTTTAAAGAGAAATACTATCATG ACCGCAGGATGCCACAACCAACCCTTCTCTCATTCTTAACGCAGCGCAGATTCCGGAATACCGTAAGTTGATGATGATG  $\tt CTGTCGCCTGGGCGAACAGCAGCAGCGACGATCGCGCGCAGCAGCAGATCGTGGACGCGACCAAACTGGCAGTAAATATT$ GGTCTGGAAATCCTGAAACTGGTTCCGGGCCGTATCTCAACTGAAGTTGATGCGCGTCTTTCCTATGACACCGAAGCGTC AATTGCGAAAGCAAAACGCCTGATCAAACTCTACAACGATGCTGGTATTAGCAACGATCGTATTCTGATCAAACTGGCTT  $\tt CTACCTGGCAGGGTATCCGTGCTGCAGAACAGCTGGAAAAAGGAGGCATCAACTGTAACCTGACCCTGCTGTTCTCCTTC$  GCTCAGGCTCGTGCTTGTGCGGAAGCGGGCGTGTTCCTGATCTCGCCGTTTTGTTGGCCGTATTCTTGACTGGTACAAAGC GAATACCGATAAGAAAGAGTACGCTCCGGCAGAAGATCCGGGCGTGGTTTCTGTATCTGAAATCTACCAGTACTACAAAG AGCACGGTTATGAAACCGTGGTTATGGGCGCAAGCTTCCGTAACATCGGCGAAATTCTGGAACTGGCAGGCTGCGACCGTAGTGAAAGCGCGTCCGGCGCGTATCACTGAGTCCGAGTTCCTGTGGCAGCACAACCAGGATCCAATGGCAGTAGATAAAC TGGCGGAAGGTATCCGTAAGTTTGCTATTGACCAGGAAAAACTGGAAAAAATGATCGGCGATCTGCTGTAATCATTCTTA AGACTGTTTAAACGGAAAAATCTTGATGAATACTTTACGTATTGGCTTAGTTTCCATCTCTGATCGCGCATCCAGCGGCG TTTATCAGGATAAAGGCATCCCTGCGCTGGAAGAATGGCTGACATCGGCGCTAACCACGCCGTTTGAACTGGAAACCCGC TTAATCCCCGATGAGCAGCCGATCATCGAGCAAACGTTGTGTGAGCTGGTGGATGAAATGAGTTGCCATCTGGTGCTCAC TTGGTGAACAGATGCGCCAGATCAGCCTGCATTTTGTACCAACTGCGATCCTTTCGCGTCAGGTGGGCGTGATTCGCAAA  $\tt CAGGCGCTGATCCTTAACTTACCCGGTCAGCCGAAGTCTATTAAAGAGACGCTGGAAGGTGTGAAGGACGCTGAGGGTAA$ CGTTGTGGTACACGGTATTTTTGCCAGCGTACCGTACTGCATTCAGTTGCTGGAAGGGCCATACGTTGAAACGGCACCGG AAAACAATTAGTGGGATTCACCAATCGGCAGAACGGTGCGACCAAACTGCTCGTTCAGTACTTCACCCATCGCCAGATAG ATTGCGCTGGCACCGCAGATCAGCCCAATCCAGCCGGCAAAGTGGATGATTGCGGCGTTACCGGCAATGTTACCGATCGC  $\tt CAGCAGGGCAAACAGCACGGTCAGGCTAAAGAAAACGAATTGCAGAACGCGTGCGCCTTTCAGCGTGCCGAAGAACATAA$ ATCAGCAGAATCGCAACCAGCGTCAGCCAGAAAGAACCGTAAGAGGTGAATGCGGTTAAACCGAAAGTGTTGCCTTTTTTGTACTCCAGCAGACCAGCAAAAATTTGCGCGATGCCGCCGTAGAAAATGCCCATGGCAAGAATAATACCGTCCAGAGCGA GGGCGCGCATAATAATCAGCCAGTGGGGCAGTGTCTACGATCTTTTGAGGGGGAAAATGAAAATTTTCCCCGGTTTCCGG TATCAGACCTGAGTGGCGCTAACCATCCGGCGCAGGCAGTTTGCAGTACGGCTGGAATCGTCACGCGATAGGCGCT GTACGCTCATTGCTGCGTGGGTGCGTAAAATGCGGGTCAGTTGGCTGGAAAGCAAATGCGACACACCTTTTGCCAATAAT TTGTCTTTCATCAGCAGCGGCAGCAGCTCTTCCAGCTCATTCACCCTGGCATCGACCGCGTGCAGAAACTCCTGCTTATG TTCCTCGTCCATTTTCTTCCAGGTATTACGCAGAAATTGTTCCAGTAACTGTTGCTCAATTTCAAACGTAGACATCTCTT TGTCGGCTTTCAGCTTCAATCGCTTTGAAACATCGAGCAAAATGGCCCGATACAATTTACCGTGTCCGCGCAGTTTGTTG GCGATACTATCGCCACCAAAATGCTGTAATTCTCCGGCAATCAGCTGCCAGTTGCGGCGATGTTGCTCGGGATGCCCTTC TGTGGCTTCTATATTCTGGCGTTAGTCGTCGCCGATAATTTTCAGCGTGGCCATATCCGATGAGTTCACCGTATGACCCG ATTTCTGAAGGAATATTCAGGCTCTGACTGGCGCTACGGGCGGCTTTGAAATAAACCGATGCACCGCTTAACTGTAAATC GCCATGGTCGGCAGAGAGTTGTATGCGTTTCACAATGCGACAAACAGGAAGTTTCAGCGCCAGATCGTTGGTTTCGTTAC GCGGCATTGCAATGGCCCGAGGAGTTTATGGTCGTTTGCCTGCGCCGTGCAGCACAGCATCAGGCTAATCGCCAGGCTG  ${\tt GCGGAAATCGTAAAAACGGATTTCATAAGGATTCTCTTAGTGGGAAGAGGTAGGGGGATGAATACCCACTAGTTTACTGC}$ TTATATGAATAAAATTGCTGTCAATTTTACGTCTTGTCCTGCCATATCGCGAAAATTTCTGCGCAAAAGCACAAAAAATTT TTGGGCAGTTGAAACCAGACGTTTCGCCCCTATTACAGACTCACAACCACATGATGACCGAATATATAGTGGAGACGTTT  $\tt CTGGAGAACGCCGAAGGCGATCGCACCACGCCTTCTATCATTGCCTATACCCAGGATGGTGAAACTCTAGTTGGTCAGCC$ GGCTAAACGTCAGGCAGTGACGAACCCGCAAAACACTCTGTTTGCGATTAAACGCCTGATTGGTCGCCGCTTCCAGGACG  ${\tt AAGAAGTACAGCGTGATGTTTCCATCATGCCGTTCAAAATTATTGCTGCTGATAACGGCGACGCATGGGTCGAAGTTAAA}$ GGCCAGAAAATGGCACCGCCGCAGATTTCTGCTGAAGTGCTGAAAAAAATGAAGAAAACCGCTGAAGATTACCTGGGTGA ACCGGTAACTGAAGCTGTTATCACCGTACCGGCATACTTTAACGATGCTCAGCGTCAGGCAACCAAAGACGCAGGCCGTA AACCGTACTATCGCGGTTTATGACCTGGGTGGTGGTACTTTCGATATTTCTATTATCGAAATCGACGAAGTTGACGGCGA TGGTTGAAGAATTCAAGAAGATCAGGGCATTGACCTGCGCAACGATCCGCTGGCAATGCAGCGCCTGAAAGAAGCGGCA GAAAAAGCGAAAATCGAACTGTCTTCCGCTCAGCAGACCGACGTTAACCTGCCATACATCACTGCAGACGCGACCGGTCC GAAACACATGAACATCAAAGTGACTCGTGCGAAACTGGAAAGCCTGGTTGAAGATCTGGTAAACCGTTCCATTGAGCCGC TGAAAGTTGCACTGCAGGACGCTGGCCTGTCCGTATCTGATATCGACGACGTTATCCTCGTTGGTGGTCAGACTCGTATG  $\tt CCAATGGTTCAGAAGAAGTTGCTGAGTTCTTTGGTAAAGAGCCGCGTAAAGACGTTAACCCGGACGAAGCTGTAGCAAT$  ${\tt CGGTGCTGCTGTTCAGGGTGGTGTTCTGACTGGTGACGTAAAAGACGTACTGCTGCTGGACGTTACCCCGCTGTCTCTGG}$ GTATCGAAACCATGGGCGGTGTGATGACGACGCTGATCGCGAAAAACACCACTATCCCGACCAAGCACGCCAGGTGTTC TCTACCGCTGAAGACAACCAGTCTGCGGTAACCATCCATGTGCTGCAGGGTGAACGTAAACGTGCGGCTGATAACAAATC  $\tt CTGACGGTATCCTGCACGTTTCCGCGAAAGATAAAAACAGCGGTAAAGAGCAGAAGATCACCATCAAGGCTTCTTCTGGT$  $\tt CTGAACGAAGATGAAATCCAGAAAATGGTACGCGACGCAGAAGCTAACGCCGAAGCTGACCGTAAGTTTGAAGAGCTGGT$ ACAGACTCGCAACCAGGCGACCATCTGCTGCACAGCACCCGTAAGCAGGTTGAAGAAGCAGGCGACAAACTGCCGGCTG AAAATGCAGGAACTGGCACAGGTTTCCCAGAAACTGATGGAAAATCGCCCAGCAGCAACATGCCCAGCAGCAGCAGACTGCCGG TGCTGATGCTTCTGCAAACACGCGAAAGATGACGATGTTGTCGACGCTGAATTTGAAGAAGTCAAAGACAAAAAATAAT  ${\tt CGCCCTATAAACGGGTAATTATACTGACACGGGCGAAGGGGAATTTCCTCTCCGCCCGTGCATTCATCTAGGGGCAATTT}$ AAAAAAGATGGCTAAGCAAGATTATTACGAGATTTTAGGCGTTTCCAAAACAGCGGAAGAGCGTGAAATCAGAAAGGCCT ACAAACGCCTGGCCATGAAATACCACCCGGACCGTAACCAGGGTGACAAAGAGGCCGAGGCGAAATTTAAAGAGATCAAG GAAGCTTATGAAGTTCTGACCGACTCGCAAAAACGTGCGGCATACGATCAGTATGGTCATGCTGCGTTTTGAGCAAGGTGG GACGTGGTCGTCAACGTGCGGCGCGCGGTGCTGATTTACGCTATAACATGGAGCTCACCCTCGAAGAAGCTGTACGTGGC GTGACCAAAGAGATCCGCATTCCGACTCTGGAAGAGTGTGACGTTTGCCACGGTAGCGGTGCAAAACCAGGTACACAGCC  ${\tt CGCACCGGCAGCCGATCTGTACGTTCAGGTTCAGGTTAAACAGCACCCGATTTTCGAGCGTGAAGGCAACCAGCTGTATT}$  ${\tt GCGAAGTCCCGATCAACTTCGCTATGGCGGCGCTGGGTGGCGAAATCGAAGTACCGACCCTTGATGGTCGCGTCAAACTG}$ AAAGTGCCTGGCGAAACCCAGACCGGTAAGCTATTCCGTATGCGCGGTAAAGGCGTCAAGTCTGTCCGCGGTGGCGCACA GGGTGATTTGCTGTGCCGCGTTGTCGTCGAAACACCCGGTAGGCCTGAACGAAAGGCAGAAACAGCTGCTGCAAGAGCTGC  ${\tt AAGAAAGCTTCGGTGGCCCAACCGGCGAGCACAACAGCCCGCGCTCAAAGAGCTTCTTTGATGGTGTGAAGAAGTTTTTT}$ GACGACCTGACCCGCTAACCTCCCCAAAAGCCTGCCCGTGGGCAGGCCTGGGTAAAAATAGGGTGCGTTGAAGATATGCG GCCGATGAATTACTCTCACGATAACTGGTCAGCAATTCTGGCCCATATTGGTAAGCCCGAAGAACTGGATACTTCGGCAC GCGGCTGCGGAATGCCGCCGACTGGTTTGGCATACTTGCCGCACAAACACTTGCTGTACGCGCCGCAGTTACGGGTTGTA ATGGGATATGATCCTCATACCTGTCAGTTCACTGATTTTGAGCTAACCGACAGCAGAGACGCTGAACGGCTGGACCGATT TGCGCAAACGGCAGACGAGATACGCATTGCTGACCGGGGATTCGCTTCCCGAATGTATCCGCTCACTTGCTTTTG GAGAAGCTGATTATATCGTCCGGGTTCACTGGCGAGGATTGCGCTGGTTAACTGCAGAAGGAATGCGCTTTGACATGATG GGTTTTCTGCGCGGGCTGGATTGCGGTAAGAACGGTGAAACCACTGTAATGATAGGCAATTCAGGTAATAAAAAAGCCGG AGCTCCCTTTCCGGCACGTCTCATTGCCGTATCACTTCCTCCCGAAAAAGCATTAATCAGTAAAACCCGACTGCTCAGCG GAAGATGAATATTCAGCAGAGCAAGTGGCTGATTGTTACCGTCTGCGATGGCAAATTGAACTGGCTTTTAAGCGGCTCAA GTTGTGGAGAATAACAAAAATGGTCATCTGGAGCTTACAGGTGGCCATTCGTGGGACAGTATCCCTGACAGCCTACAAAA CGCAATTGAAGAACGCGAGGCATCGTCTTAACGAGGCACCGAGGCGTCGCATTCTTCAGATGGTTCAACCCTTAAGTTAG  ${\tt CGCTTATGGGATCACTCCCGGCGTTGCTCTTACTCGGATTCGTAAGCCGTGAAAACAGCAACCTCCGTCTGGCCAGTTC}$ GGATGTGAACCTCACAGAGGTCTTTTCTCGTTACCAGCGCCGCCACTACGGCGGTGATACAGATGACGATCAGGGCGACA ATCATCGCCTTATGCTGCTTCATTGCTCTTCTCCTTGACCTTACGGTCAGTAAGAGGCACTCTACATGTGTTCAGCAT GCCTCAAGCACCCGCCGCTATTATATCGCTCTCTTTAACCCATTTTGTTTTATCGATTCTAATCCTGAAGACGCCTCGCA TTTTTGTGGCGTAATTTTTTAATGATTTAATTATTTAACTTTAATTTATCTCTTCATCGCAATTATTGACGACAAGCTGG GAATCCTCACCTTAAGCTATGATTATCTAGGCTTAGGGTCACTCGTGAGCGCTTACAGCCGTCAAAAACGCATCTCACCG CTGATGGCGCAAATTCTTCAATAGCTCGTAAAAAACGAATTATTCCTACACTATAATCTGATTTTAACGATGATTCGTGC GGGGTAAAATAGTAAAAACGATCTATTCACCTGAAAGAGAAATAAAAAGTGAAACATCTGCATCGATTCTTTAGCAGTGA TGCCTCGGGAGGCATTATTCTTATCATTGCCGCTATCCTGGCGATGATTATGGCCAACAGCGGCGCAACCAGTGGATGGT GACGCGCTGATGGCGGTATTTTTCCTGTTAGTCGGTCTGGAAGTTAAACGTGAACTGATGCAAGGATCGCTAGCCAGCTT ACGCCAGGCCGCATTTCCAGTTATCGCCGCTATTGGTGGGATGATTGTGCCGGCATTACTCTATCTGGCTTTTAACTATG  ${\tt GGAAGTCGTGTTCCGTTAGCGCTGAAGATCTTTTTGATGGCTCTGGCTATTATCGACGATCTTGGGGCCATCATTATCAT}$ CGCATTGTTCTACACTAATGACTTATCGATGGCCTCTCTTGGCGTCGCGGCTGTAGCAATTGCGGTACTCGCGGTATTGA GGAGCATGTGTTGCACCCGTGGGTGGCGTATCTGATTTTGCCGCTGTTTTGCATTTTGCTAATGCTGGCGTTTTCACTGCAAG  $\tt GGGGATCCTGTGCGGTATCGGTTTTACTATGTCTATCTTTATTGCCAGCCTGGCCTTTGGTAGCGTAGATCCAGAACTGA$ ATGTCTCATATCAATTACAACCACTTGTATTACTTCTGGCATGTCTATAAAGAAGGTTCCGTGGTTGGCGCAGCGGAGGC GCTTTATTTAACTCCACAAACCATTACCGGACAGATTCGAGCGCTGGAAGAGCGCCTGCAAGGCAAATTATTTAAACGCA AGGGACGTGGTCTCGAACCCAGCGAGCTGGGAGAACTGGTCTATCGCTATGCCGATAAAATGTTCACCTTAAGCCAGGAA TGCTGGAGCAATTAAGTCAGCATAAACTGGATATGATCATTTCTGACTGTCCGATAGACTCTACGCAGCAGGAAGGCCTG TTCTCCGTGAGAATTGGCGAATGTGGCGTGAGTTTCTGGTGTACAAATCCACCACCAGAAAAACCGTTCCCGGCTTGTCT GGAAGAACGGCGACTTTTGATTCCTGGGCGACGTTCAATGTTAGGGCGCAAATTGCTTAACTGGTTTAACTCCCAGGGAT TAAACGTAGAAATCCTCGGCGAGTTTGATGATGCCGCTTTGATGAAAGCTTTTGGTGCGATGCACAATCCAATCTTCGTT GCCCCAACGCTTTATGCATATGACTTTTATGCCGATAAAACTGTCGTAGAAATTGGTCGCGTCGAGAATGTGATGGAAGA GTACCATGCTATTTTTGCTGAGCGGATGATTCAGCACCCGGCGGTACAGCGAATCTGCAATACGGATTATTCTGCGCTTT CCTTCATGGGGATGCTGAAAAGAGTAGTAATTGCTGGTAATGACTCCAACTTATTGATAGTGTTTTATGTTCAGATAATG GATTCAGGTTATGCCGCTCAATTCGCTGCGTATATCGCTTGCTGATTACGTGCAGCTTTCCCTTCAGGCGGGATTCATAC AGCGGCCAGCCATCCGTCATCCATATCACCACGTCAAAGGGTGACAGCAGGCTCATAAGACGCCCCAGCGTCGCCATAGT  TGCGGCCTGAGTTTTTTAAGTGACGTAAAATCGTGTTGAGGCCAACGCCCATAATGCGGGCTGTTGCCCGGCATCCAACG  $\tt CCATTCATGGCCATATCAATGATTTTCTGGTGCGTACCGGGTTGAGAAGCGGTGTAAGTGAACTGCAGTTGCCATGTTTT$ AGGGACAGCTGATAGAAACAGAAGCCACTGGAGCACCTCAAAAAACACCATCATACACTAAATCAGTAAGTTGGCAGCATC TATCAGCCGATGGTTCTACGATTCTTAAGCCACGAAGAGTTCAGATAGTACAACGGCATGTCTCTTTTGACTATCTGGCA  ${\tt ACCGGCAGTGTGTTCTCACGCATCACAAAAGCAGCAGCATAAAAAAACCCGCTTGCGCGGGCTTTTTCACAAAGCTT}$  $\tt CAGCAAATTGGCGATTAAGCCAGTTTGTTGATCTGTGCAGTCAGGTTAGCCTTATGACGTGCAGCTTTGTTTTTTGTGGAT$ TGAATGGCGCGCTTCTTAGCTGATTTGATATTAGCCAAGGTCCAACTCCCAAATGTGTTCTATATGGACAATTCAAAGGC CGAGGAATATGCCCTTTTAGCCTTCTTTTGTCAATGGATTTGTGCAAATAAGCGCCGTTAATGTGCCGGCACTCGTTACG TAGTGATGGCGCAGGATTCTACCAGCTTGCGGGGTGTGAATACAGCTTTTCCGCGATAAAAATTGCAGCAGGCGGTCAGT AGGCCCCGCAAGAAGGGTGTGTGCTGACTATTGGTAATTTCGACGGCGTGCATCGCGGTCATCGCGCGCTGTTACAGGGCTTGCAGGAAGAGGGCGCAACTTACCGGTGATGGTGATGCTTTTTGAACCTCAACCACTGGAACTGTTTGCTAC  $\tt CGATAAAGCCCCGGCAAGACTGACCCGGCTGCGGGAAAAACTGCGTTACCTTGCAGAGTGTGGCGTTGATTACGTGCTGT$ GCGTGCGTTTCGACAGGCGTTTCGCGGCGTTAACCGCGCAAAATTTCATCAGCGATCTTCTGGTGAAGCATTTGCGCGTA GGAATACGGCTTCGATATCACCAGTACGCAAACTTTTTGCGAAGGTGGCGTGCGCATCAGCAGCACCGCCGTGCGTCAGG GATGAATTAGGGCGCACTATAGGTTTCCCGACGGCGAATGTACCGCTGCGCCGTCAGGTTTCCCCGGTGAAAGGGGTTTA TGCGGTAGAAGTGCTGGGCCTCGGTGAAAAGCCGTTACCCGGCGTGGCAAACATCGGAACACCCCCAACGGTTGCCGGTA TTCGCCAGCAGCTGGAAGTGCATTTGTTAGATGTTGCAATGGACCTTTACGGTCGCCATATACAAGTAGTGCTGCGTAAA ATTTTTTGGGCTAACAAACCGGCTTAAGCCTGTTATGTAATCAAACCGAAATACGGAACCGAGAATCTGATGAGTGACT ATAAATCAACCCTGAATTTGCCGGAAACAGGGTTCCCGATGCGTGGCGATCTCGCCAAGCGCGAACCCGGAATGCTGGCG CGTTGGACTGATGATCTGTACGGCATCATCCGTGCGGCTAAAAAAGGCAAAAAACCTTCATTCTGCATGATGGCCC TCCTTATGCGAATGCCAGCATTCATATTGGTCACTCGGTTAACAAGATTCTGAAAGACATTATCGTGAAGTCCAAAGGGC TTTCCGGTTATGACTCGCCGTATGTGCCTGGCTGGGACTGCCACGGTCTGCCGATCGAGCTGAAAGTCGAGCAAGAATAC GGTAAGCCGGGTGAGAAATTCACCGCCGCGAGTTCCGCGCCAAGTGCCGCGAATACGCGGCGACCCAGGTTGACGGTCA ACATCATCCGCGCGCTGGGCAAAATCATCGGCAACGGTCACCTGCACAAAGGCGCGAAGCCAGTTCACTGGTGCGTTGAC TGCCGTTCTGCGCTGGCGGAAGCGGAAGTTGAGTATTACGACAAAACTTCTCCGTCCATCGACGTTGCTTTCCAGGCAGT CGATCAGGATGCACTGAAAGCAAAATTTGCCGTAAGCAACGTTAACGGCCCAATCTCGCTGGTAATCTGGACCACCACGC GTGATTCTGGCGAAAGATCTGGTTGAAAGCGTAATGCAGCGTATCGGCGTGACCGATTACACCATTCTCGGCACGGTAAA AGGTGCGGAGCTTGAGCTGCTGCGCTTTACCCATCCGTTTATGGGCTTCGACGTTCCGGCAATCCTCGGCGATCACGTTA  $\tt CTGGAAACCGCTAACCCGGTTGGCCCGGACGCACTTATCTGCCGGGCACTTATCCGACGCTGGATGGCGTGAACGTCTT$ CGTGCTGCTGCGTCACAAAACGCCGATCATCTTCCGCGCGCACGCCGCAGTGGTTCGTCAGCATGGATCAGAAAGGTCTG  ${\tt CGTGCGCAGTCACTGAAAGAGATCAAAGGCGTGCAGTGGATCCCGGACTGGGGCCAGGCGCGTATCGAGTCGATGGTTGC}$ TAACCGTCCTGACTGGTGTATCTCCCGTCAGCGCACCTGGGGTGTACCGATGTCACTGTTCGTGCACAAAGACACGGAAG  $\tt CTCGATGCGAAAGAGATCCTCGGCGACGAAGCTGATCAGTACGTGAAAGTGCCGGACACATTGGATGTATGGTTTGACTC$  $\tt CGGATCTACCCACTCTTCTGTTGACGTGCGTCCGGAATTTGCCGGTCACGCAGCGGACATGTATCTGGAAGGTTCTG$  ACCAACACCGCGGCTGGTTCATGTCTTCCCTAATGATCTCCACCGCGATGAAGGGTAAAGCGCCGTATCGTCAGGTACTG ACCCACGGCTTTACCGTGGATGGTCAGGGCCGCAAGATGTCTAAATCCATCGGCAATACCGTTTCGCCGCAGGATGTGAT GAACAAACTGGGCGCGGATATTCTGCGTCTGTGGGTGGCATCAACCGACTACACCGGTGAAATGGCCGTTTCTGACGAGA TCCTGAAACGTGCTGCCGATAGCTATCGTCGTATCCGTAACACCGCGCGCTTCCTGCTGGCAAACCTGAACGGTTTTGAT  $\tt CCAGCAAAAGATATGGTGAAACCGGAAGAGTGGTGGTACTGGATCGCTGGGCCGTAGGTTGTGCGAAAGCGGCACAGGA$ AGACATCCTCAAGGCGTACGAAGCATACGATTTCCACGAAGTGGTACAGCGTCTGATGCGCTTCTGCTCCGTTGAGATGG GTTCCTTCTACCTCGACATCATCAAAGACCGTCAGTACACCGCCAAAGCGGACAGTGTGGCGCGTCGTAGCTGCCAGACT GCGCTATATCACATCGCAGAAGCGCTGGTGCGCTGGATGGCACCAATCCTCTCCTTCACCGCTGATGAAGTGTGGGGCTA TGAACGATGCGTTCTGGGACGAGCTGTTGAAAGTGCGTGGCGAAGTGAACAAAGTCATTGAGCAAGCGCGTGCCGACAAG AAAGTGGGTGGCTCGCTGGAAGCGGCAGTAACCTTGTATGCAGAACCGGAACTGTCGGCGAAACTGACCGCGCTGGGCGA TGAATTACGATTTGTCCTGTTGACCTCCGGCGCTACCGTTGCAGACTATAACGACGCACCTGCTGATGCTCAGCAGAGCG AAGTACTCAAAGGGCTGAAAGTCGCGTTGAGTAAAGCCGAAGGTGAGAAGTGCCCACGCTGCTGGCACTACACCCAGGAT GTCGGCAAGGTGGCGGAACACGCAGAAATCTGCGGCCGCTGTGTCAGCAACGTCGCCGGTGACGGTGAAAAACGTAAGTT  $\tt CAGCAAATACCTGATCCTCCAGAACTTTGCTCTGGGGGGATACGGTCCCGCTGTTCCCGTCGCTTAATCTGCATTATGCGC$ ATTAGCGTGATCCTGGCAGTGATGTATCGCTCGAAGGCCACGCAGAAGCTAAACAATATCGCTTACGCGCTGATTAT TGGCGGCGCTGGGCAACCTGTTCGACCGCCTGTGGCACGGCTTCGTTGTCGATATGATCGACTTCTACGTCGGCGACT GGCACTTCGCCACCTTCAACCTTGCCGATACTGCCATCTGTGTCGGTGCGGCACTGATTGTGCTGGAAGGTTTTTTGCCT TCTAGAGCGAAAAAACAATAATAAACCCTGCCGGATGCGATGCTGACGCATCTTATCCGGCCTACAGATTGCTGCGAAAT CGTAGGCCGGATAAGGCGTTTACGCCGCATCCGGCAAAAATCCTTAAATATAAGAGCAAACCTGCATGTCTGAATCTGTA  ${\tt CAGAGCAATAGCGCCGTCCTGGTGCACTTCACGCTAAAACTCGACGATGGCACCACCGCCGAGTCTACCCGCAACAACGG}$ TAAACCGGCGCTGTTCCGCCTGGGTGATGCTTCTCTTTCTGAAGGGCTGGAGCAACACCTGTTGGGGCTGAAAGTGGGCG ATAAAACCACCTTCTCGTTGGAGCCAGATGCGGCGTTTGGCGTCCCGTCACCGGACCTGATTCAGTACTTCTCCCGCCGT GATCCGCGAAATTAACGGCGACTCCATTACCGTTGATTTCAACCATCCGCTGGCCGGCAGACCGTTCATTTTGATATTG AGACCGCGCTATCAGCATTGTTGAAAACGCGCTGGCCATTTACGGCGCACCGATATATGTCCGTCACGAAGTGGTACATA GATGTGTGGAAACTGACGGTCAAAAACGAAGAGAAGCTCTCCTTTATGACCCAGACCACGCTGTCGGTGGATGACACGTC TGATGTGATCGACGCGCTGCGTAAACGCTTCCCGAAAATTGTCGGTCCGCGCAAAGATGACATCTGCTACGCCACGACTA  ${\tt ACCGTCAGGAAGCGGTACGCGCCCTGGCAGAACAGGCGGAAGTTGTGTTGGTGGTCGGTTCGAAAAACTCCTCCAACTCCCAACTCCCAACTCCCAACTCCCAACTCCCAACTCCCAACTCCAACTCCAACTCCCAACTCCCAACTCCCAACTCCAACTCCCAACTCCCAACTCCAACTCCCAACTCCAACTCCCAACTCCAACTCCCAACTCAACTCCAACTCAACTCCAACTCAACTCCAACTCAACTCCAACTAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACTCAACT$ GGTGAAAGAGGTTAAATGCGTCGGCGTGACTGCGGGCGCATCGGCTCCGGATATTCTGGTGCAGAATGTGGTGGCACGTT TGCAGCAGCTGGGCGGTGAAGCCATTCCGCTGGAAGGCCGTGAAGAAACATTGTTTTCGAAGTGCCGAAAGACCTG  $\tt CGTGTCGATATTCGTGAAGTCGATTAAGTCATTAGCAGCCTAAGTTATGCGAAAAATGCCGGTCTTGTTACCGGCATTTTT$ TATGGAGAAAACATGCGTTTACCTATCTTCCTCGATACTGACCCCGGCATTGACGATGCCGTCGCCATTGCCGCCGCGAT TTTTGCACCCGAACTCGACCTGCAACTGATGACCACCGTCGCGGGTAATGTCTCGGTTGAGAAAACTACCCGCAATGCCC TGCAACTGCTGCATTTCTGGAATGCGGAGATTCCGCTCGCCCAAGGGGCCGCTGTGCCACTGGTACGCGCACCGCGTGAT GCGGCATCTGTGCACGGCGAATCGGGAATGGCTGGCTACGACTTTGTTGAGCACAACCGAAAGCCGCTCGGGATACCGGC GTTTCTGGCGATTCCGGATGCCTGATGCGTGCACCAGAGCCTGTTACCCTGGTGGCCATCGGCCCGTTAACCAATATTG AACTGTACGCCAAACGCCGAGTTTAATATTGCTGCCGATCCAGAAGCTGCTGCCTGTGTCTTCCGCAGTGGTATTGAAAT  $\tt CGTCATGTGCGGTTTGGATGTCACCAATCAGGCAATATTAACTCCTGACTATCTCTCTACACTGCCGCAGTTAAACCGTA$  GCCATCGCCTGGCTGCTGCCCCGGACCTGTTCACTCTCAAACCCTGTTTTGTGGCAGTGGAAACTCAGGGCGAATTTAC ATGCGCTGGTTACTCTGAAAACGGTCTATGCAAATTAACAAAAGAGAATAGCTATGCATGATGCAAACATCCGCGTTGCC ATCGCGGGAGCCGGGGGGCGTATGGGCCGCCAGTTGATTCAGGCGGCGCTGGCATTAGAGGGCGTGCAGTTGGGCGCTGC GCTGGAGCGTGAAGGATCTTCTTTACTGGGCAGCGCGGTGAGCTGGCCGGAGCCGGGAAAACAGGCGTTACCGTGC AAAGCAGCCTCGATGCGGTAAAAGATGATTTTGATGTGTTTATCGATTTTACCCGTCCGGAAGGTACGCTGAACCATCTC GCTTTTTGTCGCCAGCATGGCAAAGGGATGGTGATCGGCACTACGGGGTTTGACGAAGCCGGTAAACAAGCAATTCGTGA  $\tt CAGCCAAAGTGATGGGTGACTACACCGATATCGAAATTATTGAAGCATCATAGACATAAAGTTGATGCGCCGTCAGGC$ TGTTTGCCGATATTGGCGAGCGTCTGGAGATCACCCATAAGGCGTCCAGCCGTATGACATTTGCTAACGGCGCGGTAAGA  ${\tt TCGGCTTTGTGGTTGAGTGGTAAGGAAAGCGGTCTTTTTGATATGCGAGATGTACTTGATCTCAATAATTTTGTAACCACA$ GACCATTTGGTCCACTTTTTTCTGCTCGTTTTTATTTCATGCAATCTTCTTGCTGCGCAAGCGTTTTCCAGAACAGGTTA TTTTAGCGCCCATATCTCCAGAATGCCGCCGTTTGCCAGAAATTCGTCGGTAAGCAGATTTGCATTGATTTACGTCATCA TTGTGAATTAATATGCAAATAAAGTGAGTGAATATTCTCTGGAGGGTGTTTTGATTAAGTCAGCGCTATTGGTTCTGGAA GACGGAACCCAGTTTCACGGTCGGGCCATAGGGGCAACAGGTTCGGCGGTTGGGGAAGTCGTTTTCAATACTTCAATGAC GCACCAATGACGCCGATGAAGAATCTTCTCAGGTACATGCACAAGGTCTGGTGATTCGCGACCTGCCGCTGATTGCCAGC AACTTCCGTAATACCGAAGACCTCTCTTCTTACCTGAAACGCCATAACATCGTGGCGATTGCCGATATCGATACCCGTAA GCTGACGCGTTTACTGCGCGAGAAAGGCGCACAGAATGGCTGCATTATCGCGGGCGATAACCCGGATGCGGCGCTGGCGT TAGAAAAAGCCCGCGCGTTCCCAGGTCTGAATGGCATGGATCTGGCAAAAGAAGTGACCACCGCAGAAGCCTATAGCTGG ACACAAGGGAGCTGGACGTTGACCGGTGGCCTGCCAGAAGCGAAAAAAGAAGACGAGCTGCCGTTCCACGTCGTGGCTTA TGATTTTGGTGCCAAGCGCAACATCCTGCGGATGCTGGTGGATAGAGGCTGTCGCCTGACCATCGTTCCGGCGCAAACTT  $\tt CTGCGGAAGATGTGCTGAAAATGAATCCAGACGGCATCTTCCTCTCCAACGGTCCTGCGACCCGGCCCCGTGCGATTAC$ GCCATTACCGCCATCCAGAAATTCCTCGAAACCGATATTCCGGTATTCGGCATCTGTCTCGGTCATCAGCTGCTGGCGCT GGCGAGCGGTGCGAAGACTGTCAAAATTGAAATTTGGTCACCACGGCGGCAACCATCCGGTTAAAGATGTGGAGAAAAACG TGGTAATGATCACCGCCCAGAACCACGGTTTTGCGGTGGACGAAGCATTACCTGCAAACCTGCGTGTCACGCATAAA TCCCTGTTCGACGGTACGTTACAGGGCATTCATCGCACCGATAAACCGGCATTCAGCTTCCAGGGGCACCCTGAAGCCAG CAGGAGTAAAAGAGCCATGCCAAAACGTACAGATATAAAAAGTATCCTGATTCTGGGTGCGGGCCCGATTGTTATCGGTC TCCAACCCGGCGACCATCATGACCGACCCGGAAATGGCTGATGCAACCTACATCGAGCCGATTCACTGGGAAGTTGTACG TGGAACGTCAGGGCGTGTTGGAAGAGTTCGGTGTCACCATGATTGGTGCCACTGCCGATGCGATTGATAAAGCAGAAGAC GCTGGCGGTTGCCGCTGACGTGGGCTTCCCGTGCATTATTCGCCCATCCTTTACCATGGGCGGTAGCGGCGGCGGTATCG AAACTTCGATGCGATGGGCATCCACACCGGTGACTCCATCACTGTCGCGCCAGCCCAAACGCTGACCGACAAAGAATATC AAATCATGCGTAACGCCTCGATGGCGGTGCTGCGTGAAATCGGCGTTGAAACCGGTGGTTCCAACGTTCAGTTTGCGGTG  GACGTACTCCGGCCTCCTTCGAGCCGTCCATCGACTATGTGGTTACTAAAATTCCTCGCTTCAACTTCGAAAAATTCGCC GCAAAAAGCGCTGCGGCCTGGAAGTCGGTGCGACTGGATTCGACCCGAAAGTGAGCCTGGATGACCCGGAAGCGTTAA  ${\tt CCAAAATCCGTCGCGAACTGAAAGACGCAGGCGCGCAGATCGTATCTGGTACATCGCCGATGCGTTCCGTGCGGGCCTGTCT}$ GTGGACGGCGTCTTCAACCTGACCAACATTGACCGCTGGTTCCTGGTACAGATTGAAGAGCTGGTGCGTCTGGAAGAGAA AGTGGCGGAAGTGGGCATCACTGGCCTGAACGCTGACTTCCTGCGCCAGCTGAAACGCAAAGGCTTTGCCGATGCGCGCT TGGCAAAACTGGCGGGCGTACGCGAAGCGGAAATCCGTAAGCTGCGTGACCAGTATGACCTGCACCCGGTTTATAAGCGC GTGGATACCTGTGCGGCAGAGTTCGCCACCGACACCGCTTACATGTACTCCACTTATGAAGAAGAGTGCGAAGCGAATCC GTCTACCGACCGTGAAAAAATCATGGTGCTTGGCGGCGGCCCGAACCGTATCGGTCAGGGTATCGAATTCGACTACTGTT GCGTACACGCCTCGCTGGCGCTGCCCGAAGACGGTTACGAAACCATTATGGTTAACTGTAACCCGGAAACCGTCTCCACC GACTACGACACTTCCGACCGCCTCTACTTCGAGCCGGTAACTCTGGAAGATGTGCTGGAAATCGTGCGTATCGAGAAGCC TCAGCGTGTCTAACGATGCGCCAGTGTTGCTGGACCACTTCCTCGATGACGCGGTAGAAGTTGACGTGGATGCCATCTGC TCTGCCAGCCTACACCTTAAGTCAGGAAATTCAGGATGTGATGCGCCAGCAGGTGCAGAAACTGGCCTTCGAATTGCAGG TGCGCGGCCTGATGAACGTGCAGTTTGCGGTGAAAAACAACGAAGTCTACCTGATTGAAGTTAACCCGCGTGCGGCGCGT TGAGCAGGGCGTAACCAAAGAAGTTATCCCGCCGTACTACTCGGTGAAAGAAGTGGTGCTGCCGTTCAATAAATTCCCGG GCGTTGACCCGCTGTTAGGGCCAGAAATGCGCTCTACCGGGGAAGTCATGGGCGTGGGCCGCACCTTCGCTGAAGCGTTT GCCAAAGCGCAGCTGGGCAGCAACTCCACCATGAAGAAACACGGTCGTGCGCTGCTTTCCGTGCGCGAAGGCGATAAAGA GCGAAGCAGGTATCAACCCGCGTCTGGTAAACAAGGTGCATGAAGGCCGTCCGCACATTCAGGACCGTATCAAGAATGGC GAATATACCTACATCATCAACACCACCTCAGGCCGTCGTGCGATTGAAGACTCCCGCGTGATTCGTCGCAGTGCGCTGCA ATATAAAGTGCATTACGACACCACCCTGAACGGCGGCTTTGCCACCGCGATGGCGCTGAATGCCGATGCGACTGAAAAAG TAATTTCGGTGCAGGAAATGCACGCACAGATCAAATAATAGCGTGTCATGGCAGATATTTTTCATCCGCTAATTTGATCG GACATAAGCAGGATTTAGCTCACACTTATCGACGGTGAAGTTGCATACTATCGATATATCCACAATTTTAATATGGCCTT GTTTAATTGCTTCAAAACGAGTCATAGCCAGACTTTTAATTTGTGAAACTGGAGTTCGTATGTGTAAGGATATGTTGAA CGATATTGAACACAGCAAGGCGGTTAATACCCTGACTTATATTCTGTCGGAAGTCACAGAAATAAGCTGCGAAGTTAAGA TGATCCCTAATAAGCTGGAAGGGCGGGGATGCCAGTGTCAGCGACTGGTTAAAGTGGTCGATATCGATGAGCAAATTTAC  ${\tt CTGCTTGCCAGATGCGATGTTGTAGCATCTTATCCAGCAACCAGGTCGCATCCGGCAAGATCACCGTTTAGGCGTCACAT}$ TGGCGTACCCATCAACAACTGGCGTTTCTCGCCGCGAAAGCCCGCTTTGACAAAGCTCATGGCGGCAACAATGCTCTCTT CGCCAATGACCGCGCCATCCATAATCACGCTGTTCATCCCGACCAATGCATCGCGACCAATCAAACAACCATGCAGGATC GCTCCGTGCCCGATATGGCCGTTTTCCCCAACGATAGTGTCAGTGTCGCAGTAGCCATGCATAATGCAGCCATCCTGAAT TAATAGCTCACGGTTGTTAACGTCCTTTCCACACCGGATCGCGCTTCTCGGCAAACGCCAGCGGCCCTTCAATGGCATCT TCCGAATGCAGAACCGATGGATAGTGTTTCAACACGCCGCTGCGAATATAGCGATACGCTTCTTCTACCGGCATTTCGCT GGTGGTGCGGTAGATCTCTTTCAGCGCCGCAATCGCCAGCGGGGCGCTGTTAACCAGCTGCTGAGCCAGTTCGCGGGCCGT TATCCATCAGTTCCGCCTGGCTAACCACGCGGTTGACTATCCCCCAACGCAGCGCCTCTTCTGCGCCCATTCGTCTGCCG GTCATCACCATTTCATTGACGATGGCAGGCGGCAGGATCTTCGGCAGACGCACACCGCCGCTGTCAGGAACGATGCC CGCCAAAGGCATAGCCGTTCACAGCTGCGATAACCGGTTTGTCGAGATTGAAAATTTCGGTTAATCCCGCAAAACCACCC GGACCAAAGTCAGCATCCGGTGCTTCGCCTTCTGCTGCCGCTTTTAAATCCCAGCCCGCGGAAAAGAACTTCTCTCCGGC ACCGGTAATAATGGCGACACGTAATTGCGGATCGTCACGGAAATTTAGAAATACTTCGCCCATTTCAAAGCTGGTTTTTG  $\tt CATCAATAGCATTCGCTTTTGGACGATCAAGGGTAATTTCCAGAATTGATCCATTGCGGGTCAGATGTAATGATTCACTC$ ATTCCTTTTCTCCATTTTTGCTTTTTCAGGGACGACACATCCCTGCAAAAAATGCATATTGTTTTAGAGTGTGATTATT AGCTGGCAGGGTAGTTCCCTGCTGTTTCATTTATTTCAGATTCTTATTTCTAATTATTTTCCCCGAGCAATTACGTGGCAGAT  $\mathtt{CTTTTCTGATCTCCAGATAAGAGGGCACTTTAAATTTCGCCATATTTTGTTCGCAGAAGCGGAAAAATTCCTCTTCGCTC$ AATGTTTCACCTTCATTCAGCACCACAAATGCTTTGATGGCTTCATCGCGAATCGAATCTTTAATACCCACAACCACGAT GTCCTGAATTTTCGGGTGCGCGATAATATTTTCCAGCTCCACGCAGGAGACATTCTCGCCGCCACGTTTAATCATAT TCCAGCACTTTCGCAGTGGCTTGTGGGTTGAGAAAGTACTCTTTGAAGATGGTTTTCCCAGGTATGCCTTTAATGCAGAT TTCACCGATCTCACCAGCCGGGAGCGGCGATTGTGATCGTCGCGGATCTCCGCTTCGTAGCAAAACCCCACCCGACCAA TCGACGGCCAGCGTCGTTTATCGCCAGGACGATCGCCGATAATGCCCACAATGGTTTCCGTCATCCCATAAGACGTCAGC AAGCGAACGCCGAAGCGTTCACAAAACGCATCTTTTTCCTGCTCCGACAAGTTGAGATAAAACATCACTTCCCGCAGGCG GTGTTGCTGATCGTTCGCTGAAGGCCGCTGTACCATCAACGTACGGATCATCATCGGAATACATTCGGTAACGGTGGCGC GGTACTTCTGTACCTGTCCCCAGAAGGCGCGGGCGCTGTATTTCTCGACCAGCACAAAGGTGGCCCCGGCAGAAAACGCC  ${\tt AGGTGAAGAGAATTTCCGCCGTATCGTCAGTCGATAGCGGCGGTGCATAGCACAAGGTGGCAGGTTGTTGATTTTTCAGT}$ TGAGTAAACGAACTCACGCCATCATCAGCGGGAAGTGCCACATCTGTCAGGCAAATGTGCCGCAATTGAGTGGCATCTTC CGCTTTCCTCGCACACAGGCGGGCGTTAATCGGCACCATAATCGCGCCCAATTTTTTGCCAGCCCGAACCAGCAAAAGATA AATTCCGGGCAGTTGTCGAGATGTAGTGCAACCTTGTCGCCTTTGCGAATCCCCAGCGTATAAAACAGGTTTGCCGTGCG GTTAATCTCCTGATTTAACTCAAGATAACTATACCGGTTAACGACTCCGCCGCTGGATTCACAAATCAGCGCCGTTTTAT GACCGTAAACGTCCGCAAGATCGTCCCACATTTGACGTAGATGTTGTCCGCCAATGATATCCATTGCACCTCTATCCATT TTTGTTCGTTTGTTATTGGGCGGGCGCTAGTCAGGCAAGCCGACTGACGCCACGCGTTTAGTCCTCAACTTTGGCCAGAC  $\tt CTTTGCTGACCAACTCCTGAATGTCGTTTTCGCTGTAGCCGATATTTTTCAAAATGGCAGCCGTGTCCATGCCATGTGAGCCGTGTCCATGTCATGTGAGCTGTGAGCTGTGAGATGTCAAATGTGAGCTGTGAGATGTCAAAATGGCAGCCGTGTCCATGCCATGTGAGATGTCAAAATGTGAGCTGTAGAAATGTCAAAATGTCAAAATGTCAAAATGTCAATGTCAAAATGTCAATGTCAAAATGTCAAAATGTCAA$ CGTTTGCCACTGAGTGATTGATTCGCGAGCCACATACTGTGGATTGCTTTCCAGTTCCGGTACGGTCAGCACTTTGGCGC GAGGCCAATATCTTTAAAGCACTCTTCAATTTGGGTAATGCCCACCAGTTCCATCACGATGTAGCCGTCGGCACATTTAT  ${\tt ATGAAGTACTGGCCCATACGCAGCATCACTTCATACATGGCGATGTCGATACTTTCGCCTTTACCGGTTTCACGCACTTT}$ GGTCAACATCACCGTTCTGAATCAGGTAACCACTAAAGGCCTGGGCGATAGTGTTATAGGCCGGAAGATTGGTGTACTCC TCGGTGCCGTACTGACCAAAACCGGACAGGTGAGCGATAACCAGTTTCGGGTTGTGCTGCCACAGTACTTCATCGGTAAT GCCACGACGGGCAAAGGCCGGACCTTTACTGGCTTCGATGAAGATATCGGTGGTTTCCATTAATTTCAGAAACGCTTCGC GGCCTTCATCTTTGAAAATATTTAACGACAGCGCGTGCAAATTGCGGCGGGAGAGTTGCGGGTAGTTCGGTTGAACGCGA ATGGTGTCGGCCCAGGCGACGTTCTCGATCCAGATAACTTCCGCGCCCCATTCTGCGAACATTTGCCCGGCAAACGGTCC GGCGATTTCGATACCGGAGAAGACACGCGCAATCCGGCCAACGGCCCGAATTTCGGCATGGGTAGATCATTATTT GCTCCTGAAAAATTTATGTAGCGCATGACTGCCGGATGCGGCGTAAACGCTTTATCCGGCCTACATTCGTGCTCCCGTAG GCCTGATAAGACGCATCAGCGTCGCATCAGGCAGCGCACGGACTTAGCGGTATTGCTTCAGCACCGCACGACCCAGCGTC AGGATCTGCATTTCGTCAGATCCCCCGGAGACGCGGTCTACACGCAGATCACGCCAGAAGCGGCTGATGCGGTTGCC  TCGCTGCATCGCCAGAGGTGATGGTGCCGTTGTCTGCTTTCCACGCTGCTTCATACAGCATGTTTTTCATGGAGTTTAAT TTGATCGCCATGTGGGCGAATTTTTCCTGAATCAACTGGAAACGACCAATAGCCTCGCCAAACTGCACGCGCTGATTGGC  $\tt GTAGCGCGCGCATCTTCAAAGGCGCACATCGCCGTACCGTAGTTGGTGAGGGCTACCAGGAAACGTTCATGGTCGAACT$  $\tt CTTCTTTGACGCGGTTAAAGCCGTTACCTTCCCGACCGAACATGTCTTTCTCGTCCAGTTCCACGTCGTCAAAGGTGATT$ TTCGGTGTAGACAGGTTTGTCCGGAGAAGCCCCGTCGCGCCCATCACCACGATGTACGGGGTGTAGGCGCTGCTGGTAA TAAAACACTTACTACCATTAAGATAAATCTTACCATTTCTACGGGTATAAGTCGTTTTCAGGCTACCCACGTCGGAGCCC GCGCCCGGTTCGGTAATCGCTGAGTTCCACATCTGCTTACCGGTGCCGCGGAAAGCCATAATTTTGTCGATCTGCTCTTG TGTGCCTTCGCGCAGGAAGGTGTTGAACCCGCCCGGCAACTGGTACAGCACATAGGTTGGTGCCCCCAGACGTCCCAGCT  ${\tt CCATCCACACGGCGGCGAGAGTAACAACCCCGCGTCCAGACCACCGTGCTCTTCAGGGATCAGCAGACTGTCGATACCC}$ ATATCCGCCAGTGCTTTGACAAAACGTTCCGGGTAGACGCTGTCACGGTCGCACTCGGCAAAATAGGCCTCCCAGTTTTC GCTGGCCATCAGTTCGCGGATACCGGCGACAAACAGTTCCTGCTCATCATTTAAATTAAAATCCATCTTTCAACCTCTTG ATATTTTGGGGGTTAATTAATCTTTCCAGTTCTGTTTCGCGTCTTTAATAAAGGAGAGCGTCACCATAATGTTGACGAAG AACAGCGGGCATCCTCCGGCGATAATGGCGGTTTGAATCGGTTTCAGGCCGCCGAGCGCCAGCAGAACAATACCGATAAT GCCAACCAGAATTGACCAACCGATACGCACCAGCAGAGGTGGTTCTTCACCATCGCGTACTTCGCGGCAAGTGGACATCG  ${\tt CCAGGGTATAAGAGCAGGCGTTAACCAGCGTAACGGTGGCAATAAAGCAGAGGATGAAGAAGCCCCACATGGTGGCGGTG}$ GTTTTTATCTATCAACAGCAGAGTGTTACTACCGAGTACAGTCCACAGGATCCAGGTTGACGCTGTCAGCCCCAGCACCA TGCCGAAGCACAGTTCACGCACAGTACGACCACGGGAGATGCGGGCGAGGAAGATACTCATCTGGATAGCATAAATCACC CAGATACATCAGCAACATCCCCACCGAATCGGTGAAGTAGTTCATGATGAAGCTGGCACCGCTGACAATGAACACCCAAC GCGTTGAGGATAATCCAGCAGGTAATGATGATAGCGTCCAGTTGCAGGGTATGCGGAATGCCAAACAACCATTGCATACA TAGTGCCGAACACCCTTTGGCGTGTTTTTCACCTACCAGCGGCACCAGTGTCGAGCTGGGGCGAATCACTTCCATTTTG GTAAGCCAGCCCCAACTCTTTCGCCCCTGTCGAGTTCGGTTCTAAGCCAAACGGCGGGGTGGAGATGTAGTAGTAGATCT CAATCGATCCCCAGAACAGTACGGCAGCAGACGTACAGGAGGCGAACATCATAAAGATCCAACTGGCGGTGCTAAATTCT  ${\tt CCATTCAAATGCCCATCCCCATACATTGGTGACGTAACTGAATACAGCATTAATAACGACATTCGCTGCATCCAGATCTC}$ ATATAATTATTAACCTCGTGGACGCGTTAATGGCTAACTCATAATGGGTATTCAATAAGCTGTATTCTGTGATTGGT ATCACATTTTTGTTTCGGGTGAATAGAGGGCGTTTTTTCGTTAATTTTGATTAATAATCAGTTTGTTATGCTCTGTTGTG AGTAAAAAATAACATCTGACTTTCAATATTGGTGATCCATAAAACAATATTGAAAAATTTCTTTTTGCTACGCCGTGTTTT  ${\tt CAATATTGGTGAGGAACTTAACAATATTGAAAGTTTGGATTTATCTGCGTGTGACATTTTCAATATTGGTGATTAAAGTTT}$ TATTTCAAAATTAAAGGGCGTGATATCTGTAATTAACACCACCGATATGAACGACGTTTCCTTCATGATTTCTGGAGATG TTCAGCAAAGCCGATGCCAAAATAAGCCAATACGATCTCAACGCTATTGAAGCGGCTTGCCAGCTAAAGCAACAGGCAGC GGTGGCGAAATCCTCAATATTCCGGCAGTTAACGGCGTCAGCAAAATTATCTCCCTGACGGCAGATACCCTCACCGTTG  $\tt CCACAAATTCCTTCGATGAAAGCCATTCTCGGCGCGCGGAAAAAGCCCGTCCAGGTATGGTCGGCGGCGGATATTGGTTT$ TAACGCAGAGCCTGGTCAGAACAACAGGTTGCCGCGCCGAAACAGCGCGAACGTCAGCGCATCGTGATTGAAGGCG  ${\tt ACGGCGAAGAACAGATCGCCGCATTTGCTGAAAATCTTCGCAAAGTCATTTAATTACAGGGGATGCTATGAACACGTTTT}$  $\tt CTCAAGTCTGGGTATTCAGCGATACCCCTTCTCGTCTGCCGGAACTGATGAACGGTGCGCAGGCTTTAGCTAATCAAATTCAAATCAAATCAAATCAAATCAAATCAAATCAAATCAAATCAAATCAAATCAAATCAAATTCAAATAAATCAAAATCAATCAATTAAATCAATCAATTCAATTCAATCAATTCAATCAATTCAATCAATTCAATCAATCAATCAATTCAATCAATTCAATCAATTCAATTCAATCAATCAATTCAATCAATT$  AACACCTTTGTCCTCAATGATGCCGACGGCGCACAGGCAATCCAGCTCGGCGCTAATCATGTCTGGAAATTAAACGGCAA TGCTGCCAAACACCCGTCGCGGCAAATTACTGGCGGCAAAACTGGGTTATCGCCTTAAAGCGGCGGTGTCTAACGATGCC TGCCACGCCGTATGCGGTACTGACCATCAGCAGCGGCACGTTCGATGCGGCTCAGCCAGACGCGTCACGCACTGGCGAAA CGCACACCGTGGAGTGGCAGGCTCCGGCTGTGGCGATTACCCGCACGGCAACCCAGGCGCCAGAGCAACAGCGTCGAT GTATCTCCAACCTGATGCTGAAACCTGAACTGTACCTGGCGGTGGGGATCTCCGGGCAGATCCAGCACATGGTTGGCGCT AACGCGTCGCAAACCATTTTCGCCATCAATAAAGATAAAAATGCGCCGATCTTCCAGTACGCGGATTACGGCATTGTTGG  $\tt CGACGCCGTGAAGATCCTTCCGGCGCTGACCGCAGCTTTAGCGCGTTGATCCACTCTGGCAGGGCTGCATTTTGGCCCTG$  ${\tt CCGCTGACAGGGAGCTCTTATGTCCGAAGATATCTTTGACGCCATCATCGTCGGTGCAGGGCTTGCCGGTTCGGTTGCCG}$ CACTGGTGCTCGCCCGCGAAGTGCGCAAGTGTTAGTTATCGAGCGTGGCAATTCCGCAGGTGCCAAGAACGTCACCGGC TGAAAAACTCGCGTTTATGACGGAAAAGTCAGCGATGACTATGGACTACTGCAATGGTGACGAAACCTCGCCATCCCAGC GTTCTTACTCCGTTTTGCGCAGTAAATTTGATGCCTGGCTGATGGAGCAGGCCGAAGAAGCGGGCGCGCAGTTAATTACC GGGATCCGCGTCGATAACCTCGTACAGCGCGATGGCAAAGTCGTCGGTGTAGAAGCCGATGGCGATGTGATTGAAGCGAA AACGGTGATCCTTGCTGATGGGGTGAACTCCATCCTTGCCGAAAAATTGGGGATGGCAAAACGCGTCAAACCGACGGATG TGGCGGTTGGCGTGAAGGAACTGATCGAGTTACCGAAGTCGGTTATTGAAGACCGTTTTCAGTTGCAGGGTAATCAGGGG  ${\tt GCGGCTTGCCTGTTTGCGGGGATCACCCACCGATGGCCTGATGGGCGGCGGCTTCCTTTATACCAATGAAAACACCCTGTC}$ GCTGGGGCTGGTTTGTGGTTTGCATCATCTGCATGACGCGAAAAAAATCGGTGCCGCAAATGCTGGAAGATTTCAAACAGC ATCCGGCCGTTGCACCGCTGATCGCGGCGGCAAGCTGGTGGAATATTCCGCTCACGTAGTGCCGGAAGCAGGCATCAAC ATGCTGCCGGAGTTGGTTGGTGACGGCGTATTGATTGCCGGTGATGCCGCCGGAATGTGTATGAACCTCGGTTTTACCAT TCGCGGTATGGATCTGGCGATTGCCGCCGGGGAAGCCGCAGCAAAAACCGTGCTTTCAGCGATGAAAAGCGACGATTTCA GTAAGCAAAAACTGGCGGAATATCGTCAGCATCTTGAGAGTGGTCCGCTGCGCGATATGCGTATGTACCAGAAACTACCG TGGCAGCGCGCGGAACTGATGCGCAAGAAAATCCTCCGCCACGGCAAGAAAGTGGGCTTCATCAATCTAATCAAGGATG GCATGAAAGGAGTGACCGTTTTATGACTTCTCCCGTCAATGTGGACGTCAAACTGGGCGTCAATAAATTCAATGTCGATG AAGAGCATCCGCACATTGTTGTGAAGGCCGATGCTGATAAACAGGCGCTGGAGCTGCTGGTGAAAGCGTGCCCCGCAGGT ATACGTAACGCCGCACTGACTCTCATTGCAAAAAACAGGAATAACCATGCAACCGTCCAGAAACTTTGACGATCTCAAAT GTGGCGCTGGAGCAACTGACGCCGGCGCTGAAACTGGACGCTGACTGGATTGGCTTGCTGGGCGCGGGAACGCTCGCCGG GCTGTTCGTTGGCACATCGCTGTTTGGTTATATTTCCGATAAAGTCGGACGCGCAAAATGTTCCTCATTGATATCATCG  ${\tt CCATCGGCGTGATATCGGTGGCGACGATGTTTGTTTCATCCCCCGTCGAACTGTTGGTGATGCGGGTACTTATCGGCATT}$ GTCATCGGTGCAGATTATCCCATCGCCACCTCAATGATCACCGAGTTCTCCAGTACCCGTCAGCGGGCGTTTTCCATCAG TGGTTATTACGCAAAGGGCGAGTAAAAGAGTGCGAAGAGATGATGATCAAACTGTTTGGCGAACCGGTGGCTTTCGATGA AAAAACGCGGCACTAGGGAATGTGGTGATTAGCCTGTTCTTTATGCTCGGCTGTATTCCGCCGATGCTGTGGTTAAACAC TGCCGGACGGCGTCCATTGTTGATTGGCAGCTTTGCCATGATGACGCTGGCGCTGGCGGTTTTGGGGCTAATCCCGGATA TGGGGATCTGGCTGGTAGTGATGGCCTTTTGCGGTGTATGCCTTTTTCTCTGGCGGGCCGGGTAATTTGCAGTGGCTCTAT  $\tt CCTAATGAACTCTTCCCGACAGATATCCGCGCCTCTGCCGTGGGCGTGATTATGTCCTTAAGTCGTATTGGCACCATTGT$ TTCGACCTGGGCACTACCGATCTTTATCAATAATTACGGTATCAGTAACACGATGCTAATGGGGGCGGGTATCTCGCTGT TTGGCTTGTTGATTTCCGTAGCGTTTGCCCCGGAGACTCGAGGGGATGTCACTGGCGCAGACCAGCAATATGACGATCCGC GGGCAGAGAATGGGGTAAATTGTTCAGATTTCTCTTTTTCTGAATCAATATTATTGACTATAAGCCGCGTGAATATATG ACTACACTTTGTGGGAAAACAAAGGCGTAATCACGCGGGCTACCTATGATTCTTATAATTTATGCGCATCCGTATCCGCA  ${\tt TCATTCCCATGCGAATAAACGGATGCTTGAACAGGCAAGGACGCTGGAAGGCGTCGAAATTCGCTCTTTTATCAACTCT}$ ATCCTGACTTCAATATCGATATTGCCGCCGAGCAGGAGGCGCTGTCTCGCGCCGATCTGATCGTCTGGCAGCATCCGATG CACTGCACCTTTATTTGTGACGACGAAACCCTCGAAGGGCAGGCGCGTCACTATAAGCAACGTCTGCTGGAATGGCAGGA GGCCCATCATGGATAGCCATACGCTGATTCAGGCGCTGATTTATCTCGGTTCGGCAGCGCTGATTGTACCCATTGCGGTA TGCCGAATCTATTCTGCACTTTGCCGAGATTGGGGTGCTGATGCTGTTTATTATCGGCCTCGAACTCGATCCACAAA GGCTGTGGAAGCTGCGTGCGGCAGTGTTCGGCTGTGGCGCATTGCAGATGGTGATTTGCGGCGGCCTGCTGGGGCTGTTC TGCATGTTACTTGGGCTGCGCTGGCAGGTCGCGGAATTGATCGGCATGACGCTGCCGCTCTCCTCTACGGCGATTGCCAT GCAGGCGATGAATGAACGCAATCTGATGGTGACGCAAATGGGTCGCAGTGCCTTTTGCGGTGCTGCTGCTCCAGGATATCG GCGTTAAAAGTGGCGGTGCTGCTGCTGGTGGTATTGCTGGGGCGCTATGTCACGCGTCCGGCGCTGCGTTTTGTAGC GCTTGTCGATGGCGATGGCGCGTTTCTGGCGGGCGTACTGCTGGCAAGCTCGGAATACCGTCATGCGCTGGAGAGCGAT AAACCCATTGCGCATTGTCATTTTGCTGCTCGGTTTCCTCATCATCAAAATCGCCATGCTGTGGCTGATTGCCCGACCGT TGCAAGTGCCAAATAAACAGCGTCGTTGGTTTGCGGTGTTGTTAGGGCAGGGCAGTGAGTTTGCCTTTGTGGTATTTGGC GCGGCGCAGATGGCGAATGTGCTGGAGCCGGAGTGGCCGAAATCGCTGACCCTGGCGGTGGCGCTGTCGATGGCAGCAAC GCCGATTCTGCTGGTGATCCTCAATCGCCTTGAGCAATCTTCTACTGAGGAAGCGCGTGAAGCCGATGAGATCGACGAAG  ${\tt AACAGCCGCGCGTGATTATCGCCGGATTCGGTCGTTTTTGGGCAGATTACCGGACGTTTACTGCTCTCCAGCGGGGTGAAA}$ ATGGTGGTACTCGATCACGATCCGGACCATATCGAAACCTTGCGTAAATTTGGTATGAAAGTGTTTTATGGCGATGCCAC AAGTTTAGGTCTGGGGCCGTATGAAGCGCGAGAACGTGCCGATGTTCTCCGCCGCTTTAATATTCAGATGGTGGAAGAGA TGGCAATGGTTGAGAACGACACCAAAGCCCGCGCGCGGTCTATAAACGCACCAGCGCGTGTTAAGTGAGATCATTACC TTATCCTCAGCAGTCAACCGGGTACGGACGATCGCGTAACGTGGGTGAAGTCGGTGGATGAAGCCATCGCGGCGTGTGGT GACGTACCAGAAATCATGGTGATTGGCGGCGGTCGCGTTTATGAACAGTTCTTGCCAAAAAGCCGCAAAAACTGTATCTGAC GCATATCGACGCAGAAGTGGAAGGCGACACCCATTTCCCGGATTACGAGCCGGATGACTGGGAATCGGTATTCAGCGAAT TCCACGATGCTGATGCGCAGAACTCTCACAGCTATTGCTTTGAGATTCTGGAGCGGCGGTAATTTTGTATAGAATTTACG GCTAGCGCCGGATGCGACGCCGGTCGCGTCTTATCCGGCCTTCCTATATCAGGCTGTGTTTAAGACGCCGCCGCTTCGCC AGCAGCCGGTATCCAGCGCGTATATACCTTCCGGCGTACCTTTGCCCTCCAGCGATGCCCAGTGACCAAAGGCGATGCTG TATTCTTCAGCGACAGGGCCAGGAATCGCAAACCACGGTTTCAGTGGGGCAGGGGCCTCTTCCGGCGATTCTTTGCTGTA CATATCCAGTTGACCGTTCGGGAAGCAAAAACGCATACGGGTAAAAACGCTTGGTGATAAAACGCAGTCTTCCCAGCCCCC GCTTCTACATCGCGTGCGCACTCTTTGGCGGTCTGCAGATCCCACTGCGGCGTGATCCCTGCGTGGGCCATCACCAGCTT TTTCTCTTCGTCGATTTGCAGCAGAGGCTGGCGCCGCAGCCAGTTAAGCAGCTCGTCGGCATCCGGCGCTTCCAGCAGCG

GTGTCAGGCGATCTTTCGGTTTATTGCGGCTGATCCCGGCAAATACCGCCAGCAGATGCAGATCGTGATTGCCCAGCACC CGCCAATAAGGTATGTCGCCATATTCTTTTAATGAATGAGTGTGGGAACGGCGAGTCGGAATACGGGAATGTCGATGCTG  ${\tt AAAGGGACGCCATTTTCATCGATCATTTCGTAGTGACCCTGCATGGTGCCCAGCGGGGTTTCAATGATTGCACCGCTGGT}$ GTACTGGTACTCTTCGCCAGGCGCGATAAGTGGCTGGACGCCAACCACTCCTTCGCCCTGGACTTCGGTTTCACGGCCAT TGCCATTGGTGATCAGCCAGTAACGCCCCAACACTGCACTGGCGCTCGCCCCAGATTGCGTATGGTTACGGTATAAGCA GATCATCGTTAACTCTCCTGCAAAGGCGCGTTCTCCGCCAGATAGTTCGCCATCTGGCAATATTGCGCGACAGAGATATT TTCCGCTCGCATCGCCGGGTCGATCCCCATTCCCGTTAACACCTCGACGCTAAACAGGTTGCCGAGGCTGTTACGAATGG TTTTACGACGCTGGTTAAAGGCTTCGGTGGTGATGCGGCTCAACACACGAACATCTTTAACCGGGTGAGGCATCGTTGCA TGAGGAACCAGGCGCACGACGGCGGAATCCACTTTGGGTGGTGGTGTAAAGGCTGACGGCGGTACTTCCAGTACCGGGAT TTATAAGGCAGGTTGCCGAAAACACGCAGCGGCTGACCCATTTTCTCGGCCAGTTCACCAAAGTTAAAGGTCATCGCATC TTTTGCGGGTTAATGCCAGACACAATACTGTCGATCACGAACTGATCGTTGAGAAAGTTTTGCCCGAAGCGTTTACGGGC TAAGTGGCCCTGGTGGACTCGATTATTCATTGGGTGTTAACAATCATTTTGATGGCGAGATTAAGCGCCCGTAATAAAACT GCGTAATGTTCACACCGCGCCCGAAGCCCTGGTATTTTAGCACGGGAAGACCCTGATCGTGGTACATCGCCAGCACGCCG CTCATTGAGCACCGGAATAATGGTGTCTATCTCTTCCGTACCCATATGACCGCCTTCGCCCGCGTGCGGATTCAGCCCGC AGACCAGAATGCGCGGTTCGGCAATACCAAATTTGGTCCGCAAATCGTGATGCAAAATAGCAATCACTTCGTGCAAAAGT GCAGGGGTGATAGCGTCTGCGATATCGCGCAGCGGTAAATGCGTCGTTGCCAGCGCCACGCGAAGTTCTTCGGTCGCCAG TAACGCCTTTATGCACCGGACCTGTGATCAGCGCGGCAAATTCGCCGTTCAGACAACCATCGCACGCTCGCGCCAGCGTT TCCACCACATAATGCCCATTTTCAACCGCTAACTGCCCCGCAGTGACAGGTGCACGTAGCGCGACAGGAAGTAGCGTTAA TGTGCCCGCAGTTTGCGGTTGTGCAGGGGAGTTGGGGGAATAAGGGCCGAGGGTGAGCGGCAAACCGAGCATCGCTGCCC GGTTGGTAAGGAGAGTGGCATCGGCACAACAACCAGTTCGACCGGCCACTCACGCTGTGCAAGCTGGACAACTAAGTCC GCGCTGGCACGTTGTTCCTGCATCCAGCTTGCTGCTTCTTCCGAGAACTTACGGTTCATCAGCATGCGGTATGCACGATC TTTCTGCGCAGCGTCGGTTTTATCGACATTACGGGTATCCAGCAGTTCGATTAAATGCCAGCCGAATGAAGAGTGAACCG GTGCACTCATTTGACCTTTGTTCAGGCGAGTCAGGGCGTCACGGAAGGCCGGATCGAAAATATCTGGTGTAGCCCAGCCG AGATCGCCGCCCTGGTTAGCAGAGCCTGGATCCTGAGAGAACTCTTTCGCTGCGGCAGAAAAGTCGTTTTACCACTCTT GAGCATGAACTTCGGTCACCGAGATATTTTTGCTTTCGCCGCGCAGGTCGTTAACTTTCAGAATATGGAAGCCAACGCCG GAACGAATCGGGCCAACAATGTCGCCTTTCTTCGCGGTGCTTAATGCCTGGGCGAAGATCCCGGGCAACTCCTGAATACG GCCCCAGCCCATCTGGCCGCCGTTCAGCGCCTGCTGGTCGGCAGAATGAGCAATCGCCAGCTTACCGAAATCAGCGCCGT TACGCGCCTGATCGACAATGGCGCGCCTGGCTTTCCGCTTCGTTCACCTGATCAGAGGTCGGGTTTTCCGGCAGCGGG ATCAGGATGTGGCTCAGGTTCAGCTCGGTGGTGGCGTCGTTTTGGTTACCCACCTGCTGCGCCAGGGATTCGACTTCCTG GCAATCGCCTGATCCAGCTGCTCATCGGAGATTTTCACTCCCATTTTCTGCCCCATCTGCAGGATGATTTGATCCATGAT  $\tt GCAGCGAAACTGGTATTCGCGATCATGGCGATACCGAGAAGCAGCGTTTTCCAGTTCTTCATACTTTTCCATTTCAATT$  ${\tt AACCGCACTGCGGATTACGTGGTAAATCAACAAATCACAAAGTGTTTTGATACGGCAGAATGTTCGAACGCAGCATCTCT}$  TGCGTACCCAGACCGTAGTTGGAGCTCAGGCCGCGAAGTTCGATGTTAAAGCCGATTGCGTTGTCATATACCGCATGTTG TTTATCGTTATCCCAACCGTTCAGCTTCCGCTCGTAACCGACGCGAATTGCATAGCAGCAGGAGCTGTATTGCACACCTA ACATAGAGTCGGCTTGCTTGTTAGCATTGGTGTCGTAGTAGTAGGCCCCAACAATGGACCAACGATCGGCAATTGGCCAG ATATTCCGGGCTGGCGTAACGGTAATTCAGCTGTACCAGACGGTCTTCATCCCGACGGTATTCAATGCTGGAGTTACTGG  $\tt CCTGCCCACACCAGTGAACCCGTTTTGTCGTCATTCTCCCATGTTATGTTGTCATCGCCAGTGCGAGACTCCGTGAAATA$ GTAGATTTGACCAACGGAAATATTAAAACGTTCAACGGCAGCATCATCATATATGCGAGATGTGACACCGGTCGTCACCT GGTTAGCGGAGGCAATACGGTCAAGACCGCCGTAAGTCCGGTCCCGGAACAGGCCAGAGTAGTCAGATTGCAGCAGAGAC ATTCGTCCAGCTTGGTCGTGTTTCTGGAGTTATACCAGTCAAGATTGGTTTGCTGATAATGGGTTGCCAGCAACTTCGCT  ${\tt TCGGTATTGATGCTGCCCCAGTTATTAGAGAGCGGCAAATTGATGGTCGGTTCCAGGTGAACACGGGTTGCTTCAGGCAT}$ GTCGTCTCTGGTGTTAACAAAGTGCACTGCCTGGCCGTAAATACGCGTATCAAACGGACCAACATCATTCTGGTAGTAAT TAACGTCTAACTGCGGCTCTGCCGAGTAGCTACTGGTGTTCTGTTCGCTGAAAACCTGGAACTGCTTGGTTGAAACGGTG GCATTGAAGTTTTGCACCGCATAGCCAACGCTGAATTTTTTGCGTTGCGTAGCCGTCAGTACTGGAACCGTACTTGTTATC GAAATCATTGAAGTAGCTAGGATCGCTGACCTTGGTGTAGTCGACGTTGAAACGCCACACCTGATCCATGACCCCGGAGT GGTTCCAGTAGAATAACCAACGACGTGAACTGTCATCGTTCGGGTGTTCATCTTCATAGACTTTATCTGAAGGCAGATAG TCCAGTTCCATCAAGCCAGCGCCCGGCTGGGAGAGGTAGCGGAATTCGTTCTCCCACATGATGTTGCCACGACGATGCAT ATAATGCGGCGTGATGGTGGCATCCATATTTGGCGCGATGTTCCAGTAATATGGCAGGTAGAACTCAAAGTAGTTGGTGG ATCGGTACCGGACCCACCTTAAAGCGGGCGTTCCAGATCTCCGCAACTTGTTCTTCGCGGTCATGAATAATTTCGCTACC  ${\tt TACCACGCTCCAGGTGTCAGAACCCGGCAGACAGGAGGTAAAGCTACCGTTATCCAGAATGGTATAGCGGTTTTCGCCAC}$ GTTGTTTCATCAGGTCCGCTTTACCGCGACCCTGGCGACCCACCATCTGGTAATCACCTTCCCAGACGTTGGTATCTTTG GTGTTCAGATTCGCCCAGCCTTTCGGCCCTTTGAGGATCACCTGGTTATCGTCGTAATGGACATTACCGAGCGCATCAAC GGTACGTACCGGCTCCGGTTGTCCTGGTGCCTCTTTTTGATGGAGCTGCACTTCGTCGGCCTGCAGACGGCTGTTACCCT GCATGATATCCACGCTGCCAGTAAACACGGCGTCATCCGGGTAGTCCCCTTTCGCGTGGTCAGCATTGATAGTCACGGGT  ${\tt CAGTCCCTGTTGACTATAAAGGGCGGTGGCAATCATGGTGGCCAGGAGAGTGGGGGATACGTTTTTCATACGTTGATTTT}$ ATTGTTCCATCATCGGTAACGTTGCGCGTGACAAACGGTCAGAGACTAACGTACTCGTCATCTCTACGCTAGTGTTAATC ATTGACCGCAGCCGGAAAACGGTAAAAGCACCTTTATATTGTGGGAGATAGCCCTGATATCCGTGTGTCGATTTGGGGAA TATATGCAGTATTGGGGAAAAATCATTGGCGTGGCCGTGGCCTTACTGATGGGCGGCGCTTTTTGGGGCCGTAGTGTTAGG TGTTTTTTGCCACCACTTTTGAAGTGATGGGGCATTTAACCAAATCCAAAGGTCGCGTCACGGAGGCTGATATTCATATC GCCAGCCAGTTGATGGACCGAATGAATCTTCATGGCGCTTCCCGTACTGCGGCGCAAAATGCGTTCCGGGTGGGAAAATC A GACAATTACCCGCTGCGCGAAAAGATGCGCCAGTTTCGCAGTGTCTGCTTTGGTCGTTTTGACTTAATTCGTATGTTTCTGGAGATCCAGATTCAGGCGGCGTTTGCTGATGGTTCACTGCACCCGAATGAACGGGCGGTGCTGTATGTCATTGCAGAA GAATTAGGGATCTCCCGCGCTCAGTTTGACCAGTTTTTGCGCATGATGCAGGGCGGTGCACAGTTTGGCGGCGGTTATCA GCAGCAAACTGGCGGTGATAACTGGCAGCAAGCGCAGCGTGGCCCAACGCTGGAAGATGCCTGTAATGTGCTGGGCGTGA AGCCGACGGATGATGCGACCACCATCAAACGTGCCTACCGTAAGCTGATGAGTGAACACCATCCCGATAAGCTGGTGGCG GCAGAAAGGGTTTAAATGACCCTGTAAATGATGCTGAGTAACTGCCCACGATTAAAGGTGGCCGCCCTGGCGGTCACTTC ATGAGCGATTTTTGAAAGTATATTTATTCAGAACGCGCATCATGAGTTTTTAACTCAATGCGAGGCTATTACCATGAAAG TATCAGTTCCAGGCATGCCGGTTACACTTTTAAATATGAGCAAGAACGATATTTATAAGATGGTGAGCGGGGACAAGATG GACGTGAAGATGAATATCTTTCAACGCTTGTGGGAGACGTTACGCCATCTGTTCTGGTCAGATAAACAGACTGAGGCTTA TAAACTTCTGTTCAATTTCGTGAATAACCAGACTGGCAACATCAACGCCTCAGAATACTTTACTGGGGCTATCAACGAGA ATGAGAGAGAAAAGTTTATCAATAGCCTGGAATTATTCAATAAACTTAAAACATGCGCAAAAAATCCCGGATGAGTTGGTC GCAAAGGGCAATATGCGCTGGGTCGCCCAGACCTTCGGGGATATCGAGTTAAGTGTCACTTTTTTCATTGAAAAGAATAA GATATGTACTCAGACGTTGCAGCTGCATAAGGGCCAAGGTAACTTGGGCGTTGATCTTAGAAAGGCTTACCTTCCCGGCG GCTAACCTGGGCGTGCTACCCCGGACGGTGCTACCCCGGACGGTGCTAACCTGGACGGTGCTACC GTGAACGGTGCTACCTCCTTATATGATGAGGTAATTATTATTAATAAAATCCCCCCCAAAAAAATTGATACTAAAGGAGT TGCTACTGAAGAAGTTGCTACTAAAAAAGTACTGCTGAACAAATTACTGACAACGCAATTATTGAATGAGCCAGAATAAG CTAAGGTTGAAGGGGCTGGAACGCCCCTTCAACCTTAGCAGTAGCGTGGGATGATTTCACAATTAGAAAGACCTGCATGA TGAGCTAGAGAAGAGGCTAGTGACGCAAGGCGTCGTGCAGGACACGGATCACCGAGATGGGCATCGCCAACCAGACTGCT AATTAGCCCATGAATAACAATCAGAAAGGACCATAACAGACCCGTTAAAATGAAATATAAGAGACGGTCAACGGGTGAAG AAAAAGTTCAAAAATTCGCTGTGGAGCAGGAAGGGAATTACCGAATGGAAAGCGTAGCCACACCGCAACAACTGAAAGCAG TTTGGCAGAAACAAAAATCCCCGGACTCGGGGATTTATGTACAAGAGGCAGCCCTTAGGATGAGGGTATAAACGTACAG GAAAGGTTAAAAATCCGCTGGCGCTTTAAACGTCATACTATTGCCATACGCCGGATGGGTAATCGTCAACATCTCTGCAT GTAGCAACAACGTGGTGCCATCGCTCTCGCTTCTGGTGATGCATAAAAACGATCGCCGAGAATCGGATGACCCAGCGCC AGCATATGCACACGCAATTGATGCGAACGCCCGGTAATCGGTTTTAACACCACTCTTGCCGTGTTATCCGCCGCATACTC TCGCGGAACTGGCGTTTTAACTCCCGCTCCGCGGCTTTGGTCAGCGCCACTACAATCACGCCGCTGGTAGCCATATCCAG GGTGGATTGTAGTTTTCCATCCCCATTTTCGGCTCCGTTACTGATGCGTTACAACGATCAAACGCAGGGCATCCAGACGC  ${\tt CAACCTGCCTGATCCAGGCTTTCCATTACCTGCTGACGGTTGCTCTCAATGGCGGTCAGTTCGTCGTCACGAATGTTCGGCAATGTTCGGAATGTTCGGCAATGTTCGGCAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCGAATGTTCAATGTTTCAATGTTCAATGTTCAATGTTCAATGTTCAATGTTCAATGTTCAATGTTCAATGTTCAATGTTCA$ TTGCTGCCGGTGTGACGGTTAACCGCGTTAAGCTGGCGGTTAAAGGTTTCAAACTCTACCTGCGCCACGGTTGTTGCC GTTTTTATCCAGCAGCATACGTACCGGCGTCGGTGGCAGGAAGCGGTTGAGCTGCAACTGCTTCGGAGCCTGGGCTTCAA CCACATAAATCAGTTCCACCAACAGCGTACCTACCGGCAACGCTTTGTTTTTTAACAGTGAAATCGTGCTGCTACCGGTA TCGCCAGAAAGGATCAGATCCAGACCGTTGCGGATCAGCGGATGCTCCCAGGTAATAAACTGTGCATCTTCACGCGCCAG  $\tt CAGGCGGTCACGACCCTGTTCCAGCTGTGCTTCAGCGCTTCATGTTGCTCGCGGCAGTTTTTGATCAGATCGTCAAAGC$  $\tt CTTCGGTTTGATCCGGTGAAGCCAGATAGTTAATCAGATCGTTGTATACGCTATCGTAAATAGTGCGTCCGGTCGGGCAG$ GTGTGCTCAAATGCATCCAGACCTTCGTGATACCAGCGCACCAGCACCGACTGAGCGGTTTTCTCCAGATAAGGCACATG GATCTGAATATCGTGCCCTGCCCGATACGATCCAGACCAATACGCTGCTCCAGTAGATCCGGGTTGAATGGCAGGT CAAACATCACCATGTGGCTGGCGAACTGGAAGTTACGTCCTTCAGAACCGATTTCTGAGCACAGCAGTACCTGTGCGCCG GTGTCTTCTTCGGCAAACCAGGCGGCAGCGCGGTCACGTTCGATAATCGACATACCTTCGTGGAACACCCGCAGCGCGAAT ACCTTCACGTTCGCGCAGTACCTGCTCCAGTTGCAGCGCAGTGGCAGCTTTGGCGCAGATCACCAGCACTTTCTGAGAGC GATGGCTGGTCAGGTAGCCCATCAGCCACTCAACGCGCGGATCGAAGTTCCACCAGGTGGCGTTATCACCTTCAAATTCC TGATAAATACGCTCCGGGTAGAGCATATCGCGAGCACGATCTTCCGCACTTTTACGTGCGCCCCATAATGCCGGAGACTTT AATAGCCGTCTGATACTGCGTCGGTAGCGGCAGCTTAATGGTGTGCAGCTCGCGTTTCGGGAATCCTTTCACACCGTTAC GCGTGTTACGGAACAGCACGCGCTGGTGCCGTGGCGATCCATCAGCATCGAAACCAGCTCCTGACGGGCGCTCTGGGCA TCTTCGCTGTCGCTGTTTGCTGCCTGCAACAGCGGCTCGATATCCTGCTCGCCGATCATCTCGCCGAGCATGTTCAGTTC GTCATTGCTCAGTTTGTTACCTGCCAGCAGCATGGCAACGGCGTCCGCAACCGGACGATAATTTTTCTGCTCTTCAACGA GTCGCGGTCAGCAGCAGCACGCCCGGCACGTGCTCTGCCAGTTGTTCAATGGCCTGATATTCACGGCTTGGCGCATCTTC GCTCCACACCAGGTGATGCGCTTCATCGACCACCAGCAGGTCCCATTCGGCTTCACAGAGATGTTCCAGGCGCTGTTTGC TAACGCTCATCAAATAGCGCAAAGCGCAGGTTGAAACGGCGCAGCATTTCTACCAGCCACTGATGCTGTAAGGTTTC GGAAAACTTCACGCAGGGCTACGCCGGACTCTTCAGTATCCAGGCGAGTACCGATATAGGTCAGCAAGCCATTTTCTTCT TTTACTTCTTCGACTTGCATCTGCCAGCCGTCATGGCTGGTAATGGTATCACCAGGGTTGAACATCACGCGGGTCACGGG GGAATCACTGCGTGCGTACAGACGGTTTTCACCAGTAGATGGGAAAAGTAAAGTGACAGTTCGCGCATCCACCGCGACAA  ${\tt CGGTTCCAAGTCCCAATTCGCTTTCTGTATCGCTGATCCAGCGTTGACCAAGTGTAAAAGGCATATGTGTTCGGCTCTAT}$ ATCTTTAATTGCAGGCAATAACCACCCGCTACCGTGCTTATGAGGTAGTGGTGTTATTCAGGTCCAGGAATGGAAAGGGC AAGTTGCCCGGTCATAAGTGTAGCAAAATTATCCTCAATAAAAGGGAGTATTCCCTCCGCCACGGGTTGTAGCTGGCGGG TCAGATAGTGTTCGTAATCCAGTGGTGAACGTTGGTAGTCCAGCGGCTCCGGGCCGTTGGTGGTCCATACGTACTTAATG GTGCCGCGATTCTGATATTGCAAGGGGCGACCACGCTTTTGGTTTTCTTCATCGGCAAGGCGAGCGGCGCGTACATGAGG TCAGTTTGTCGATGGTTTCGCGTACATATTCCTGATATGGCTCGTTGCGGAAGATGCGCAGGTATAGCTCCTGCTGAAAC TGCTGGGCCAGCGGCGTCCAGTCGGTGCGCACGGTTTCCAGCCCTTTAAACACCATCCGCTGCTTGTCGCCCTCCTGAAT  $\tt CAGTCCGGCATAACGCTTTTTACTGCCGGTATCGGCTCCGCGAATGGTTGGCATCAGAAAACGGCAGAAATGGGTTTCAT$ ACTCCAGTTCTAATGCGCTGGTCAGCCGTTGTTTTTTGCAGCGTTTCCGCCCACCAGGCGTTAACGTGCTGCACCAGTGCA  $\tt CGACCGATTTTCGCCGCTTCTTCCGAATGTGCGCCTTTCAGCCAGACAAACGTTGAGTCGGTATCGCCGTAGATAAC$ GTCGTAGCCCTGTGCTTCAATCAACGCTTTGGTTTGCCGCATGATCTGATCACCACGCATGGTGATCGACGATGCCAGCC CGAGAACCAGGCATCGAGAAAACCTTCGGTACTGTGCTCTGGATCAGGCTGCGCCATGCCTTCCACCAGCCCGACGGGAT CAATCAGAAAGGTGCGGATGATCGACGGGTACAGGCTTTTATAGTCCAGCACCAGCACTGAATCATAAAGCCCTGGCCGT GAATCCATCACGTAGCCGCCAGGGCTGCGGTGCGGCGCACTTCGCCGAGATTAGGCGCGACATAACCAGCGCGATGCAT TCGCGGAAAATAGAGATGACCAAATGCCGCCACCGAACCGCCGTGTCGGTCCACCGGCAGGCCGTTCACCGTTGCCCGTT GCAGGTTTATCTTCGGCGAAACGGCGGTCAATTTCGTCCATTCGATCCCACGGGTTATCGATAGATTTTCCTTCGCCTAA TAGCTCCTGAGCGACAGTTTCCAGCGAGAATGAAGAGAAATTCCAGAACGCGGATTTCAGCGCCTCGATACCGTCGATAA TTAGCCGACCTTTAGCCTGGGCAAAAAAGACGCCGTTTTTAAAGCCGTGCTCGCGCCACTCCAGCTCGCTATTATCGCGC  ${\tt CCAAGACGCAGCGGAAGACGGTAACGCTCGGCATGTTTTTGCAGCATTCGCAGATCGAACTGCACCACGTTCCAACCGAT}$ CGAAATCAAGCGAGGAGGCGTCGCCATTCTCCGGCCCCAGCATATAAACGATGCGCTGCCCGCAGCCTTCCAGGCCGATG  ${\tt CAGTACAGCTCACCGTGGCGGTGGTTTCAATATCTATAGAAACCCACTTGAGCGGCGGACGATAGTCGGGATGCGGTTT}$ AGCGTTCTGGCGGACGCACATCGGCCTCGTAGACGGTAACGCCACCTTCACGCAGGCGCTTTTCGTAATTCATCAATTGG CGATGGGCGCGACAGTAAAGGCCATACACCGGCTGGCGGTGAAAATCCTTTAACGCCAGCGGTGTCAGGCGAAAGCCTTG TTCACCCTGCAAAATATGCTGAGCGCGGGGAACCTGATCGGCGGGAATAAACGCCACGGACTCTTGCGGTGCAAGCGTAA ATAAAACCTGCCTGCGCCACGCTGAAAATCCATCAAAAAACCAGGCTTGAGTATAGCCTGGTTTCGTTTGATTGGCTGTG GTTTTATACAGTCATTACTGCCCGTAATATGCCTTCGCGCCATGCTTACGCAGATAGTGTTTATCCAGCAGCGTTTGCTG CATATCCGGTAACTGCGGCGCTAACTGACGGCAGAATATCCCCATATAAGCGACCTCTTCCAGCACGATGGCGTTATGCA  $\tt CCCTGTTTTTCAAAGGTTTCTACGATGACGTTACCGGTTTCCCACTCATATTCGCCGTTGATTTCTGCGTCGGTCATTTT$ AGATGGTGGCGTGGCGCAGTGCGTATGCACAATGCCGCCAATGGAGGGGAATGCCTGATAGAGCAGCCGGTGAGTTGGC GTGTCGGAGGAGGGCTTTTTCGTACCTTCAACCACTTCACCGGTTTCGATGCTAACCACGACCATATCGTCAGCGGTCAT GACGCTGTAATCGACGCCGGAAGGTTTGATCACAAAGACGCCGCGCTCGCGATCAACGGCGCTGACGTTGCCCCATGTGA  ${\tt GCGTGACCAGGTTGTGTTTTGGCAGCGCCAGGTTGGCTTCTAATACCTGGCGTTTGAGATCTTCTAACATGTTGACTCCT}$ TCGTGCCGGATGCGCTTTGCTTATCCGGCCTACAAAATCGCAGCGTGTAGGCCTGATAAGACGCGCCAGCGTCGCATCAG GCGTTGAATGCCGGATGCGCTTTGCTTATCCGGCCTACAAAATCGCAGCGCGTAGGCCTGATAAGACGCGCCAGCGTCGC ATCAGGCGTTGAATGCCGGATGCGCTTTGCTTATCCGGCCTACAAAATCGCAGCGTGTAGGCCAGATAAGACGCGTCAGC GTCGCATCAGGCGTTACATACCGGATGCGGCTACTTAGCGACGAAACCCGTAATACACTTCGTTCCAGCGCAGCGCGTCT TTAAACGCTGGCAGGCGTGTTGTCGTTATCAATCACCGTGATTTCAATGTCGTGCATCTCGGCGAATTGGCGCATATCGTT GTTGCGCTTTCCACAGCGCATTCGCCACCGGCAGTTTCGGCAGGGAGTGCGGTGTTTTCACCGTGTCGATGCAGTTAACC AGTAGACGGTAACGATCGCCGAGATCAATCAAGCTGGCGACAATCGCTGGGCCGGTTTGGGTATTGAAGATCAGGCGGGC AGGATCGTCCTTACCACCAATACCGAGATGCTGAACGTCGAGGATCGGTTTCTCTTCTGCGGCGATCGACGGCCAGACTT TGCAGACCGGTTGACATCACCTTCATGATGCGAAGCAGGGCGGCAGTTTTCCAGTCGCCTTCGCCCGCAAAGCCGTAACC GGAAGCCACCTTGTTCCAGGAAACGCTTCATCCCCAGCTCAATACGCGCCGCTTCCAGCACGTTCTGTCGTTTTTTTGCCG GTTCACCACCTGCACCAGATCGCCAACCGCCCAGGTATTGACGGAGAAACCGAACTTGATCTGTGCGGCAACTTTATCGC TGACGCATCCAGGAGCCGATACGCTCATGGGCTTGTTTATCCTGCCAGTGACCGGTAACCACGGCATGTTGCTGACGCAT  ${\tt ACGCGCCCAATGAAGCCGAACTCGCGACCGCCATGTGCAGTCTGGTTCAGGTTCATAAAGTCCATATCGATACTGTCCC}$ GCCGGGGAGAAGGTGTGCAGCCACACCACCAGCCGCAACGATCGTCGTAATTCGCGTCGCGGCAAATAGCGGTGAT TTCATCCGGCGTGGTGCCCAGCGGTTTCAACACCAGTTTGCAGGGCAGTTTCGCTTCCGTATTCAGCGCATTAACGACGT TTATCAAAAATCGTCATTATCGTGTCCTTATAGAGTCGCAACGGCCTGGGCAGCCTGTGCCGGGGCGGAAGTTGGAAGAT AGTGTTGTTCGCCCCTCGCCCCATTGCTGATAGCGGCGATAAAGCTGTTCAAAGCGTTGTGCCTGCTCGCTGCACGGT TGCAGGGTTTTCTCTACCGCACTGGCCATTTTTTGCTGAGCTGATGGGATGTCTGCGTGCACTTTCGCGGCGACGGCAGC AAAAATCGCCGCACCGAGCGCACAGCACTGGTCAGAGGCAACAATTTGCAGCGGGCGATTCAGCACGTCGCAGCAGGCCT GCATAATGACCTGGTTTTTCCGCGCGCATGCCCCCAGTGCCATCACGTTATTAACGGCGATCCCTGATCGGTAAAGCAC TCCATGATTGCGCGTGCGCCAAAGGCGGTGGCAGCAATCAAACCGCCGAACAGCAGCGGAGCGTCGGTAGCGAGGTTAAG AGTTCCGGATGCTGGGCGGCAAGCTGTTCCAGCGGCCCAGCCGACTACGCGACCAAACCAGGCGTAGATATCACCAAACGC CGATTGGCCTGCTTCCAGACCGATAAATCCAGGCACCACGCTGCCATCAACCTGACCGCAAATACCTTTAACTGCCCGCT  ${\tt CGCCAACGCTCTGTTTGTCGGCAATCAGAATGTCGCAGGTGGAAGTACCGATAACTTTTACCAGTGCGTTAGGCTGTGCG}$  ${\tt CCATTCCGGGCATAAGGTGCCCACCGGAATATCGGCAGTCCAAGTGTCAGTGAACAGCGGGGAAGGCAAATGGCGATTGA}$ GGATCGGGTCCAGCTCAAAGAAACTGGCTGGCGGCAGGCCGCCCCAGCTTTCGTGCCACAGAGATTTATGCCCGGCG  $\tt CTGCAACGTCCGCGACGACTATCCTGCGGGCGGGTGGTACCGGAAAGCAGAGCTGGCACCCAGTCGCACAGCTCAATCCACTCAATCCACTCGCACCGGACTCGACTCGACTCAATCCACTCAATCCACTCGCACAGCTCGCACAGCTCGACTCAATCCACTCAATCCACTCGCACAGCTCGCACAGCTCGACTCAATCCACTCAATCCACTCGCACAGCTCGCACAGCTCGCACAGCTCGAATCCAATCCACTCAATCCACTCGCACAGCTCGCACAGCTCGCACAGCTCGAATCCAATCCAATCCACTCAATCAATCAAT$ CGATGCGGCAGATTGCGCCACGGCGCTGTCCTGGCGAGTCACATGCAGGATTTTTTGCCCAGAACCATTCGCTGGAATAAA TACCACCAATGTAGCGGGAGTAGTCAACGTTGCCCGGCGCGTGGCACAAACGGGTAATCTCTTCCGCTTCTTCAACCGCA GTGTGGTCTTTCCACAATACGAACATCGCGTTCGGGTTTTCGGCAAACTCCGGGCGCAGCGCCAGCACGTTTCCGTCGGC ATCAATCGGTGCGGGCGTCGAGCCGGTACTGTCAACGCCAATCCCGACCACAGCTGCGCGCTGTTCGACGCTAAGCTCTG GAAACAGTAGAGAGTTGCGATAAAAAGCGTCAGGTAGGATCCGCTAATCTTATGGATAAAAATGCTATGGCATAGCAAAG TGTGACGCCGTGCAAATAATCAATGTGGACTTTTCTGCCGTGATTATAGACACTTTTGTTACGCGTTTTTTGTCATGGCTT TGGTCCCGCTTTGTTACAGAATGCTTTTAATAAGCGGGGTTACCGGTTGGGTTAGCGAGAAGAGCCAGTAAAAGACGCAG TGACGGCAATGTCTGATGCAATATGGACAATTGGTTTCTTCTCTGAATGGTGGGAGTATGAAAAGTATGGCTGAAGCGCA AAATGATCCCTGCTGCCGGGATACTCGTTTAACGCCCATCTGGTGGCGGGTTTAACGCCCGATTGAGGCCAACGGTTATC AATCAGGGACGAGAATTTGTCTGCCGACCGGGTGATATTTTGCTGTTCCCGCCAGGAGAGATTCATCACTACGGTCGTCA  ${\tt CAATATTTGCCAATACGGGTTTCTTTCGCCCGGATGAAGCGCACCAGCCGCATTTCAGCGACCTGTTTGGGCAAATCATT}$ AGCGATTAACGAGTCGCTCCATCCACCGATGGATAATCGGGTACGCGAGGCTTGTCAGTACATCAGCGATCACCTGGCAG TATCGCCACCGTCGCTCGCAATGTTGGTTTTGACGATCAACTCTATTTCTCGCGAGTATTTAAAAAATGCACCGGGGCCA GCCCGAGCGAGTTTCGTGCCGGTTGTGAAGAAAAGTGAATGATGTAGCCGTCAAGTTGTCATAATTGGTAACGAATCAG ACAATTGACGGCTTGACGGAGTAGCATAGGGTTTGCAGAATCCCTGCTTCGTCCATTTGACAGGCACATTATGCAAGCAT TGCTGGAACACTTTATTACCCAATCCACCGTGTATTCATTGATGGCGGTGGTGTTGGTGGCCTTTCTGGAGTCGCTGGCG CGTTGCATCGCTGGTCATTTCTGAAGAAAACAAAGCACTACTTGATAAAACTGAACATGCGTTGCATCAACACAGCATG  $\tt CGGCGATCGATATTCCTGCCGGAATGCAGAGCGGTGAGTTTAAATGGTTGCTGCTGCCAACAGCGGTGTTTTTGTGGGTT$ GGTGGCTGGCTGTGCTGCCGGTTATGGCGCAGCGGTAAAGCGACTGACCGTTTGAGTCATTATTTGTCCCGCGGTCGTTT GTTGTGGCTGACGCCGTTGATTTCTGCCATCGGCGTGGTGGCGCTGGTGGTGTTAATTCGCCACCCGTTGATGCCGGTGT ATATCGATATTTTGCGTAAAGTGGTTGGGGTTTAGGAGATAGTCTTGTGCGGGGTTGCCTGATGCGACGCTTGCCGCGTCT TATCAGGCCTACAAAACGCACTACCCGTAGGTCGGATAAGGCGTTCACGCCGCATCCGACAGTGCATACTAACCCGTAAT  ${\tt CAGCTCGTGCTCACCAGCGTCAACATCTCCTGACGTAACGCCGGATCGAGCGCAGAGAACGGTTCATCGAGCAATAAAAT$ TTAAATTATCAATCCCCATCTGGCGGGCGATAGCGTGCATTTTCCCCTGCTGTACCGCGTTCAGTTTCAATCCCGGATTT TCAGCAGGGTACTTTTACCCGCGCCGCTTGGCCCGAGGATCGCCACCTGCTCGCCGCGTTCCACCGTTAAGCTAAAACGC ATCGGCAAATGGTGGTAAAGCCAGGTGATATCAGTCAGTTTTAACATTTCGCCCCGGTAGTTTTTCAATCACGGTAAACA GCAGAAAACAGAGCAGCAGCAGAATTAACGCGGTGACCGCACCGTCCTGGCTGCGATAGGAGCCAATTTGCTGGTAGAGA TAAAACGGCAGGGTGCGGAAATCATCGTTACCGAACACGCCACCACGCCAAAATCACCAATCGACAGCACGCATGCAAA GGCCAGCGCCTGCGCCAGTGGACGTTTCAGGGCGCGCAGCTCCACCACTTTTAAGCGTGACCAGCCTTCAATCCCCAGCG AACGCATTGGTGAAAATCACAATGCCGTCAGCAGATTGTGGCAGGCCGATAGTGTTGTTGAGCAGTAAAAAGAAGCCGGT AGCCAGCACAATCCCCGGCATGGCGAGGATCAACATGCCGCTCATCTCCAGCACCTGACCCGCCAGCATTTTCTGCCGCG  $\tt CCCGCAGTTCGCGACTGCTCCATAGCAGCATCATGGTCAGCACTACGCACAATACACCTGCCGCCAGCGCAATACGCAAC$ GAGGTCCACAGCGCCTGCCACAGCACCGGTTGTGCCAGCACTTCCGGCAACTGGCGATTTACCCCATCGACGATCACCGC GGTCGCGCCAGCCTTGCAGCAGCGTGGTGCCGGGCGCAATGGCCTTACTCAATCGCTGACTCAACAGCACCAGCCCGAGG  GCGGCAAGTTGACGCTGTTCGCCGGGGATGTTTTCCAGTGCCTGGAGTAATAAGCGGCTCGCCATCGGCAGATTAAAAAA GCCAGCCCTGGCGACCATAGACGCTAAGAATGCCGAAAACAGCGACCAACACCGGGAGGATCAAGGTCATTGCACACAGA CGCAACAGCGCCAGCCGGAAAGCGCCTGCGATAGAGCGCGCGGGGGAGAATATCGCGGGTATGACAGAGAGCAG TGCCGAGAGAAACGCCTGCCAGAAGGAGAAGCGCACCACATGCCACAGATAGCTGTCCTGCCAGACTGCCACCCAGTCAT ATTAACCAGCCGGGAATTAACGCCTGACGCCGCTTGCCATTCGCTAATCCATGCCTGACGTTGTGCCGCCACTTCGGCT  $\tt CCAGTTGCCGGTTGGGATCGCATTCTGGAAAGCCGGAGAAACCATAAACTGGAGGAATTTTTGCGCCAGCTCCGGCTGCT$ TGCTGGCAGCGGTGCGGCGGCGACTTCCACTTGCAGATAGTGACCTTCGCTGAAGTTCGCGGCGGCGTAGTTATCTTTC TTCTCTTCGAGAATGTGATAAGCCGGAGAGGTGGTGTAACTCAGTACCAGATCGCTTTCACCTTTTAAAAACAGGCCGTA GGCTTCGCTCCAGCCTTTGGTGACCGTGACCGTTTTCTTCGCCAGTTTCTGCCAGGCTTGTGGGGCGTCATCGCCATAGA CTTTTTGCATCCATAGCAACAGACCCAGCCCCGGTGTACTGGTGCGCGGATCCTGATAAATCACCCGCCAGTTTTGATCG  $\tt CTCTCAACCAGTTCTTCAGGCTTTGTGGCGGGTTTTTCAGTTTGTCATAAACGAAGGCGAAGTAGCCATAATC$  $\tt CGGTTTTACTGGCGGCGTCTAACAGGTTGTTATCCAGCCCCAGCACCACATCGGCTTTACTGTTTTTTGCCTTCCATCCGT$ A GACGGTTGAGAAGCGAAACGCCATCTTCCAGCGCCACCAGTTTCAGTTCGCAATTACAGTCGGCTTCAAAGGCTTTTTTTTGAGAACGGCGTTAGTGTAGTGATTTTGTTATCAACCAGCAATCATGGATCCGGTGGCGCAAACCACGCTGATTTAAAA TCGAACCAGCCGAGGGTATTCATGCGCAGGCCGCGCATACTGCGTTGCCCCTGAATGATCAGCCAGTGGTGCAATAATGG CTTGCCAGTCAATGGGAATGCAATGTTGTAGCAGTGGCACTTCGCATAAATGTGCGAAAACAGAGAAGTCCAGCGGCAGG GTAAAGTTGGCGCTGTTTAGCCAGATATCACTTTCGATCTCTCTGTATGCCACTGATCGTAGTCGATCTCTTTGATTTT TTAGGGTGAGGCTTTCCAGGCCAGCCGGTTTTTCGCTCTTTATGGTGCGGGCATGGTGCCAACGGGGGGAGCAGTCCATAA GCCGGGAACCACAGTTGCTGGTACTGTTCCTCAGCGAAATAGACCAGATTAGTTGGAGAAAGCACATAGCTTACCCAGTC TTAACTTCGTCGATTAATGCCCGGTAACCGAAGAAGTCATCGAATGCCTGAATTTTCAGTTGATTGGTGCTGTTGCGAAT GAACTTGCCCCAGCAGTAACGGTAACCAGCGGTCCGGTTGCGTGAGATATCCAGCGTCCAGGGCGTCGGCGACACA ATGTCAGCAATATGCGAATAGAGCGGCAGCGTATTGATTCGTTTTAAAGAGGGCGATCACATCGTCCATTTCCAGTTCACG ACCATGGTGAAAATGGACTCCTGGACGCAAAAAGAAACGCCAGTGAAGCGGTGAAATTTGCTGCCAGTGGTGGCGATGT CGCAATGCGCTGCCAGGTAGCAGATTACGCAACGGACGATAGTAGAGCACGCGCAGGATGTGCCGCCCTGGCGGAAGCT GCTCCAGCAGGTCTTCCGCCCGCTGTTGCTGAAGCGCCAGCCCGGTATAGAGGAATGTCAGACGCGAGCGTTTACCGCGC  ${\tt CAATAACGCTGCCAGTTCGTTGAGCGTTGTGTCCTGCGATTTACCCTCGCAGCATTGCCACAGGCGGATGAACTGTTGTT}$  $\tt GCAGACGAGCAGATGGCATAAAAGGGGGAACTCCTGTGCAAAAGACAGCAATTTTATTTTCCCTATATTAAGTCAATAATT$  $\tt CCTAACGATGAAGCAAGGGGGTGCCCCATGCGTCAGTTTTATCAGCACTATTTTACCGCGACAGCGAAGTTGTGCTGGTT$ GCGTTGGTTAAGCGTCCCACAACGATTAACCATGCTTGAAGGACTGATGCAGTGGGATGACCGCAATTCTGAAAGTTGAC  $\tt CCGCGCTAAAAAGGGAACGTATGATCTGGATAATGACGATGGCTCGCCGTATGAACGGTGTTTACGCGGCATTTATGCTG$ GTCGCTTTTATGATGGGGGTGGCCGGGGCGCTACAGGCTCCTACATTGAGCTTATTTCTGAGTCGTGAGGTTGGCGCGCA 

A CAGTCAGGGCGATCGGCGAAAACTGATTATATTTTGCTGTTTGATGGCTATCGGCAATGCGCTATTGTTTGCATTTAATCGTCATTATCTGACGCTTATCACCTGTGGTGTGCTTCTGGCATCTCTGGCCAATACGGCAATGCCACAGTTATTTGCTCT GGGTTATCGGTCCACCGTTGGCCTTTATGCTGGCGTTGAATTACGGCTTTACGGTGATGTTTTCGATTGCCGCCGGGATA TTCACACTCAGTCTGGTATTGATTGCATTTATGCTTCCGTCTGTGGCGGGGTAGAACTGCCGTCGGAAAATGCTTTATC AATGCAAGGTGGCTGGCAGGATAGTAACGTACGGATGTTATTTGTCGCCTCGACGTTAATGTGGACCTGCAACACCATGT GCTGGACTGGAAATACCAGCAATGATCTGGCTGGCTACTATGTCAAACGTTATGGTAAGCGGCGAATGATGGTCATAGC GCACTTTGCTGTCTACTGGGTAATTGCGGTTATTTCTGTTGTCGCATTATTTTTAACCGCAAAGGTTAAAGACGTTTGAT GACGTGGACGATAGCGGAAAGCCCGGTCATTTGACCGGGCAAGGGGATTAATTCATAAACGCAGGTTGTTTTGCTTCATA AGCGGCAATGGCGTCGTCGTGCTGCAAGGTAAGCCCAATACTGTCCAGACCGTTCATCATGCAGTGGCGGCGGAAGGCATGCTTTCACCAGCGCAAACAGTTCGTCCACTTCTGCATCGCTTAATTTCACCGGCAGCAGCTGGTTGTTAAAGCTATTGCC GTAGAAGATGTCAGCAAAACTCGGCGCAATCACCACTTTAAAACCGTAGTCGGTCAATGCCCAGGGCGCGTGCTCACGCG AAGAGCCACAGCCGAAGTTTTCTCGTGCCAGCAAAATGGAAGCGCCCTGATACTGCGGGAAGTTCAGCACGAAGTCCGGG TTTGGCTGTTGGCCTTTTTCATCCAGAAAACGCCAGTCGTTAAACAGATGCGCGCCAAAACCCGTACGGGTCACTTTCTG ATTTCTCTGCCATGGTGTGCTCCTTATTTAATGTTGCGAATGTCGGCGAAATGTCCGGTCACAGCAGCAGCGGCAGCCAT TGCCGGGCTGACCAGATGCGTGCGCCCCCGCGCCCCCTGGCGCCCTTCAAAGTTACGGTTGCTGGTGGAGGCACAACGTT CGCCCGGATTCAGACGGTCGTTGTTCATCGCCAGACACATTGAGCAGCCAGGCAAGCGCCATTCAAAACCGGCTTCAATA AAGATTTTATCCAGACCTTCCGCTTCCGCCTGGGCTTTTACCGGGCCAGAGCCGGGAACCACCAGTGCCTGCACGCCTGG CGCGACTTTTCGCCCTTTGGCGATCTCCGCTGCCGCGCTAAATCTTCAATGCGCGAGTTGGTACAGGAACCGATAAACA CTTTGTCGATAGCCACTTCGGTCAGCGGAATACCCGGTTTCAGCCCCATATAGGCCAGCGCTTTTTCTGCCGACGCGCGT GACCTGCGGTGAAATTTCTTCTGCTTGCAGAGTGACAACGGTATCGAAAGTTGCGCCTTCGTCGGTTTGCAGGGTTTTCC  ${\tt AGTAGGCAACGGCGTCGTCGAAATCTTTGCCTTTCGGCGCATGCAGACGGCCTTTGACATAGTTAAAGGTGGTTTCGTCC}$ GGTGCAACCAGACCGGCTTTTGCGCCCATTTCGATTGCCATATTGCACAGGGTCATACGACCTTCCATGCTTAAATCACG GATTGCTTCGCCGCAAAACTCCACCACATGCCCGGTTGCCGCTACCGGTTTTACCGATAATTGCCAGCACGATAT GTTGCCAGTACGTGTTCAACTTCGGAAGTGCCGATACCAAAGGCCAGTGCGCCAAACGCCCCTTGGGTGGCGGTATGCGA GTCGCCGCAGACATGGTCATCCCCGGCAAGGTGACGCCCTGTTCCGGCCCCATTACGTGGACGATCCCCTGATACGGGT GATTCAGGTCATACAGTTCGACGCCAAATTCTTTGCAGTTTTTGATCAGTTCCTGCATCTGGATACGCGCCATTTCACCG TTTCGTTTTCGGCTTCGTACACAACGTGAGCGTCGAACAATTTTTCGTATAACGTCTTAGCCATGATTACACCCCTTCTG GATGTACATATGCGCCAGTTCGACATCCGGGTATTCCGTGGCGATCTCGTTAACGATCTCCCGCCATAAAATAGAGGATT GCAGCACGTTGGCTTATCGATCGACGTCACTTTGTGGCGACGCTTGCGAGCAGATTCAAACGCGATGCGGGCGATACGT GAAATAGATGCCGCCGGTCAGTTCGCGCACACACAGGATGTCGAAGCCGTTTGCGGCAATGTCTGCACGCAGCGGACAGA ATGCTTCCAGCCCTGATACAGTTTTGCCGGGCGCAGGTTGCTGAATAATTTGAAGTGCTTACGCAGAGGCAGCAGCGCG  ${\tt CCGCGTTCTGGTTGCTGGTGGTAAATGTTCCCACTTCGGGCCGCCTACCGAGCCAAACAGCACGGCATCGGCTTG}$ CTCACAACCTTCAACCGTCGCAGGCGGCAGTGGTTGCCCGTGGTTATCAATGGCTGCGCCGCCTACATCGTAATGGCTGG TGGTGATGCGCATCGCAAAGCGGTTGCGCACGGCATCCAGCACTTTCAGCGCCTGGGTCATCACTTCCGGACCAATACCG TGCAACTCTTTTTCGACTTCTGCGGCACGCCAGATATTGTTCAGAACGTGCACCATGGCTTTGGCAGATGACTCGACAAT ATCGGTAGCCAGGCCGACGCCGTGGAAGCGGCGACCGTTGTAGTTAGCGACGATATCCACCTGACCCAGCGCATCTTTAC  ${\tt TCGACCGGACCGTTACCGTTGGCGGCTTCTGCTTTGACTTCTTCGCCACAGGCCAGTTTGACGGCGGCGGTGGCGATATC}$ GTTAGAGCCAGACTGCACGCTGAAGTAATCCAGACGGAAATGCTCCGGCTCTTCTTGCTGCTTACCGATGAAGGCCAGCG  $\tt CCTCCAGATCGTAATCAAACACCTGACCTTTTTTGTCCGCCAGCTTCAGGAAAGCATCGTACAAATTGTCTAAATTATAT$ TCACTTTCTTTATACCCCATCTCATCCATGCGATGTTTCACCGCCGCACGCCCCGAACGAGGGTCAGATTCAGCTGGAT TTGGTTCAGACCAATAGATTCTGGTGTCATGATTTCGTAGTTTTCGCGGGTTTTTCAGCACGCCATCCTGGTGTATACCGG TTCTTCCAGGGAACAGTTTCCGGCACGCTCGCCGATCCCGTTCATTGCGCCTTCCACCTGGCGTGCACCGGCATGTACCG GGCACCGGCATTAATCGCCGCTTCGACCACTCGCGCCAGATCGGCAATGGGTGTACGCCCGGCATCTTCGCAAGAAAATT  $\tt TTGGTGGCGATGTGCATTGGCGAAGTGGCAATAAAGGTATGAATACGGAAGGCTTCGGCGACTTTCAGGGATTCGGCCGC$ ATTCAAAATCGCCCGGCGAAGAGCGGGGAAACCGACTTCCATCACGTCAACACCCATACGCTCAAGGGCCAGCGCAATT TGCAGTTTTTCTTTCACACTCAAGCTTGCCTGTAACGCCTGTTCACCGTCGCGCAATGTGGTATCGAAAATAATGACTTG  $\tt CTGGCTCATGGTTTGGGTCCTTGTCTCTTTTAGAGCGCCTCGCTTCGGGCATAAAAAACCCGCGCAATGGCGCGGGTTT$ TTTGTTTGACTGCGTGCTGGCTTAATGCTGGATGCCGCTCACTCGTCTACCGCGCAAAGAAGATGCGTTTAGTAGTAGTA GACCGATAAAGCGAACGATGTGAGTCATTAAATCAGCTCCAGATGAATGCGATATGCTTTTAGAGTTACTGGATACAAAA TGGTTAAAGTAAGCGATATTAATTTCTGCTTAACTACCGACGCTTTTCATCGGTTGACATATTTCAGCATAAATTTTTTGC ATCTAATCAACGAGGAAAAAGGGGACAAAATGCACGCGTTGCAAAACCTATCCTGATGATTTTTTATTGAATTATATGTTT TGCGATTTTTTTGATATTGATTTGGTGAATATTATTGATCAATTAATGTTAAGAATTAATGCATTAAATATAAATTA ATTATTAAATAAGCACATTTAATCCATTTTGTAGATGATTGAGTATTCGCGGGTAGTTATGATTAGATTGTTTTCGCAACA  ${\tt AAAACATTATGGATTATTCTGTGTGTAAATGACTCATTCCACGGCAATGGATTCTGTTTTTATCAGAACCCGTATCTT}$ TATGTTTTCCGAATTTTACTCATTTTCTTATTTTATATGCATGATAAATCATATTCTTCAGGATTATTTCTCT GCATTCCAATAAGGGAAAGGGAGTTAAGTGTGACAGTGGAGTTAAGTATGCCAGAGGTACAAACAGATCATCCAGAGACG GCGGAGTTAAGCAAACCACAGCTACGCATGGTCGATCTCAACTTATTAACCGTTTTCGATGCCGTGATGCAGGAGCAAAA CATTACTCGTGCCGCTCATGTTCTGGGAATGTCGCAACCTGCGGTCAGTAACGCTGTTGCACGCCTGAAGGTGATGTTTA  ${\tt ATGACGAGCTTTTTGTTCGTTATGGCCGTGGTATTCAACCGACTGCTCGCGCATTTCAACTTTTTGGTTCAGTTCGTCAGTTCAGTTCGTCAGT$  ${\tt GCATTGCAACTAGTACAAAATGAATTGCCTGGTTCAGGTTTTGAACCCGCGAGCAGTGAACGTGTATTTCATCTTTGTGT}$ TTGCAGCCCGTTAGACAGCATTCTGACCTCGCAGATTTATAATCACATTGAGCAGATTGCGCCAAATATACATGTTATGT TCAAGTCTTCATTAAATCAGAACACTGAACATCAGCTGCGTTATCAGGAAACGGAGTTTGTGATTAGTTATGAAGACTTC CATCGTCCTGAATTTACCAGCGTACCATTATTTAAAGATGAAATGGTGCTGGTAGCCAGCAAAAATCATCCAACAATTAA  $\tt GGGCCCGTTACTGAAACATGATGTTTATAACGAACATGCGGCGGTTTCGCTCGATCGTTTCGCTCATTTAGTCAAC$  $\tt CAAACGCATTTGGTCGCTATTGCGCCGCGTTGGCTGAAGAGTTCGCTGAATCCTTAGAATTACAGGTATTACCGCT$ GCCGTTAAAACAAAACAGCAGAACCTGTTATCTCCTGGCATGAAGCTGCCGGGCCGGATAAAGGCCATCAGTGGATGG  ${\tt AAGAGCAATTAGTCTCAATTTGCAAACGCTAACTGATTGCAGAATAGGTCAGACATGAATGTCTGGTTTATTCTGCATTT}$  ${\tt AGTTGTGGGATTCAGCCGATTTATTATCAATTTAATCCTCTGTAATGGAGGATTTTATCGTTTCTTTTCACCTTTCCTCC}$  TGTTTATTCTTATTACCCCGTGTTTATGTCTCTGGCTGCCAATTGCTTAAGCAAGATCGGACGGTTAATGTGTTTTACAC ATTTTTCCGTCAAACAGTGAGGCAGGCCATGGAGATGTTGTCTGGAGCCGAGATGGTCGTCCGATCGCTTATCGATCAG  ${\tt TGCTGGTAACGTCGGGTCCAGGGGCGACCAATGCGATTACTGGCATCGCCACCGCTTATATGGATTCCATTCCATTAGTT}$ GTCCTTTCCGGGCAGGTAGCGACCTCGTTGATAGGTTACGATGCCTTTCAGGAGTGCGACATGGTGGGGATTTCGCGACC GTGGTCGCCCAGGACCAGTAGTCGTTGATTTACCGAAAGATATTCTTAATCCGGCGAACAAATTACCCTATGTCTGGCCG GAGTCGGTCAGTATGCGTTCTTACAATCCCACTACTACCGGACATAAAGGGCAAATTAAGCGTGCTCTGCAAACGCTGGT  $\tt CTGGGAATGCACGGTACCTACGAAGCCAATATGACGATGCATAACGCGGATGTGATTTTCGCCGTCGGGGTACGATTTGA$ TGACCGAACGACGACAATCTGGCAAAGTACTGCCCAAATGCCACTGTTCTGCATATCGATATTGATCCTACTTCCATTT GAATCCGCCCATCAACCACTGGATGAGATCCGCGACTGGTGGCAGCAAATTGAACAGTGGCGCGCTCGTCAGTGCCTGAA ATATGACACTCACAGTGAAAAGATTAAACCGCAGGCGGTGATCGAGACTCTTTGGCGGTTGACGAAGGGAGACGCTTACG TGACGTCCGATGTCGGGCAGCACCAGATGTTTGCTGCACTTTATTATCCATTCGACAAACCGCGTCGCTGGATCAATTCC GGTGGCCTCGGCACGATGGGTTTTGGTTTACCTGCGGCACTGGGCGTCAAAATGGCGTTGCCAGAAGAACCGTGGTTTG CGTCACTGGCGACGCAGTATTCAGATGAACATCCAGGAACTGTCTACCGCGTTGCAATACGAGTTGCCCGTACTGGTGG TGAATCTCAATAACCGCTATCTGGGGATGGTGAAGCAGTGGCAGGACATGATCTATTCCGGCCGTCATTCACAATCTTAT ATGCAATCGCTACCCGATTTCGTCCGTCTGGCGGAAGCCTATGGGCATGTCGGGATCCAGATTTCTCATCCGCATGAGCT AGCACGTCTACCCGATGCAGATTCGCGGGGGCGGAATGGATGAAATGTGGTTAAGCAAAACGGAGAGAACCTGATTATGC GCCGGATATTATCAGTCTTACTCGAAAATGAATCAGGCGCGTTATCCCGCGTGATTGGCCTTTTTTCCCAGCGTGGCTAC AACATTGAAAGCCTGACCGTTGCGCCAACCGACGATCCGACATTATCGCGTATGACCATCCAGACCGTGGGCGATGAAAA TTGAGCGGGAAATCATGCTGGTGAAAATTCAGGCCAGCGGTTACGGGCGTGACGAAGTGAAACGTAATACGGAAATATTC  $\tt CGTGGGCAAATTATCGATGTCACACCCTCGCTTTATACCGTTCAATTAGCAGGCACCAGCGGTAAGCTTGATGCATTTTT$ GGAATAAAAGCAGTTGCCGCAGTTAATTTTCTGCGCTTAGATGTTAATGAATTTAACCCATACCAGTACAATGGCTATGG TTTTTACATTTTACGCAAGGGGCAATTGTGAAACTGGATGAAATCGCTCGGCTGGCGGGAGTGTCGCGGACCACTGCAAG GAGAACACCAGCTATACCCGCATCGCTAACTATCTTGAACGCCAGGCGGCAACGGGGTTATCAACTGCTGATTGCCTG  $\tt CTCAGAAGATCAGCCAGACAACGAAATGCGGTGCATTGAGCACCTTTTACAGCGTCAGGTTGATGCCATTATTGTTTCGA$ GATCGTGAACACTTCACCAGCGTGGTTGGTGCCGATCAGGATGATGCCGAAATGCTGGCGGAAGAGTTACGTAAGTTTCC GGAAAGATGATCCGCGCGAAGTGCATTTCCTGTATGCCAACAGCTATGAGCGGGAGGCGGCTGCCCAGTTATTCGAAAAA GCGTCGCGACGCCAAACTGCCTTCTGACCTGGCAATTGCCACCTTTGGCGATAACGAACTGCTCGACTTCTTACAGTGTC CGTAAGCCAAAACCTGGTTTAACGCGCATTAAACGTAATCTCTATCGCCGCGGCGTGCTCAGCCGTAGCTAAGCCGCGAA  ${\tt CAAAAATACGCGCCAGGTGAATTTCCCTCTGGCGCGTAGAGTACGGGACTGGACATCAATATGCTTAAAGTAAATAAGAC}$
GCGCAAACCCGCTGGCATCAAGCGCCACACAGACGTAACAAGGACTGTTAACCGGGGAAGATATGTCCTAAAATGCCGCT  $\tt CGCGTCGCAAACTGACACTTTATATTTGCTGTGGAAAATAGTGAGTCATTTTAAAACCGTGATGACGATGAGGGATTTTT$ TCTTACAGCTATTCATAACGTTAATTTGCTTCGCACGTTGGACGTAAAATAAACAACGCTGATATTAGCCGTAAACATCG GGTTTTTTACCTCGGTATGCCTTGTGACTGGCTTGACAAGCTTTTCCTCAGCTCCGTAAACTCCTTTCAGTGGGAAATTG  $\tt TGGGGCAAAGTGGGAATAAGGGGTGAGGCTGGCATGTTCCGGGGAGCAACGTTAGTCAATCTCGACAGCAAAGGGCGCTT$ CGTGCCTGCTGCTTTACCCCCTGCCTGAATGGGAAATTATCGAGCAAAAATTATCGCGTCTGTCGAGCATGAACCCGGTT AGTACTGCGGCAACATGCCGGGCTGACAAAAGAAGTGATGCTGGTTGGACAGTTCAACAAGTTTGAGCTGTGGGATGAAA TTGTCTCTATAAAATGATGGAAAACTATAAACATACTACGGTGCTGCTGGATGAAGCCGTTAATGGCCTCAATATCCGTC TGAAGAGCGTTTTGCCAAACGCATTGCCCGCGCCATTGTCGAGCGTAACCGCGAACAGCCGATGACCCGCACCAAAGAAC TGGCGGAAGTCGTGGCTGCTACCGCGGTGAAAGATAAGTTTAAACATCCCGCGACCCGTACCTTCCAGGCGGTGCGC TTCGATCATCAGCTTCCACTCGCTGGAAGACCGTATTGTGAAACGTTTTATGCGTGAAAACAGCCGCGGTCCGCAAGTTC  $\tt CGGCAGGGTTACCGATGACTGAAGAGCAGCTCAAAAAACTGGGTGGCCGTCAGCTGCGAGCACTAGGCAAGTTAATGCCG$ GGCGAAGAAGAGGTGGCTGAGAACCCTCGTGCCCGTAGTTCAGTTCTGCGTATTGCAGAGAGGACGAATGCATGATCAGC AGAGTGACAGAAGCTCTAAGCAAAGTTAAAGGATCGATGGGAAGCCACGAGCGCCATGCATTGCCTGGTGTTATCGGTGA CTGATCCTTGAAGAGAATGCGCTCGGCGACCATAGCCGGGTGGAAAGGATCGCCACGGAAAAGCTGCAAATGCAGCATGT TGATCCGTCACAAGAAATATCGTAGTGCAAAAATAAGGATAAACGCGACGCATGAAAGCAGCGGCGAAAACGCAGAAAC TTTCTGCTCGGACGCGTAGCGTGGTTACAAGTTATCTCCCCGGATATGCTGGTGAAAGAGGGCGACATGCGTTCTCTTCG CGTTCAGCAAGTTTCCACCTCCCGCGGCATGATTACTGACCGTTCTGGTCGCCCGTTAGCGGTGAGCGTGCCGGTAAAAG GAACCCTGACATGGCGGACTACATCAAAAAACTGAAACTGCCGGGGATTCATCTGCGTGAAGAGTCTCGCCGTTACTATC  $\tt CGTCCGGCGAAGTGACTCACCTCATCGGCTTTACTAACGTCGATAGTCAAGGGATTGAGGGCGTTGAGAAGAGTTTC$ GATAAATGGCTTACCGGGCAGCCGGGTGAGCGCATTGTGCGTAAAGACCGCTATGGTCGCGTAATTGAAGATATTTCTTC TACTGACAGCCAGGCACCACCACCTGGCGCTGAGTATTGATGAACGCCTGCAGGCGCTGGTTTATCGCGAACTGAACA AACAGCCCGTCATACAACCCTAACAATCTGAGCGGCACGCCGAAAGAGCGGATGCGTAACCGTACCATCACCGACGTGTT TGAACCGGGCTCAACGGTTAAACCGATGGTGGTAATGACCGCGTTGCAACGTGGCGTGCTGCGGAAAACTCGGTACTCA ATACCATTCCTTATCGAATTAACGGCCACGAAATCAAAGACGTGGCACGCTACAGCGAATTAACCCTGACCGGGGTATTA TGGACTGGGAAAAGCGACCAATTTGGGGTTGGTCGGAGAACGCAGTGGCTTATATCCTCAAAAACAACGGTGGTCTGACA TAGAGAGGGCCACCTTCTCTTTCGGCTACGGGCTAATGGTAACACCATTACAGTTAGCGCGAGTCTACGCAACTATCGGC AGCTACGGCATTTATCGCCCACTGTCGATTACCAAAGTTGACCCCCGGTTCCCGGTGAACGTGTCTTCCCGGAATCCAT TGTCCGCACTGTGGTGCATATGATGGAAAGCGTGGCGCTACCAGGCGGCGGCGGCGTGAAGGCGGCGATTAAAGGCTATC GGCGTTGCGCCTGCGAGTCAGCCGCGCTTCGCGCTGGTTGTTGTTATCAACGATCCGCAGGCGGGTAAATACTACGGCGG  $\tt CGGGCGATAAAAATGAATTTGTGATTAATCAAGGCGAGGGGACAGGTGGCAGATCGTAATTTGCGCGACCTTCTTGCTCC$  GTGGGTGCCAGACGCACCTTCGCGAGCACTGCGAGAGATGACACTCGACAGCCGTGTGGCTGCGGCGGCGATCTCTTTG TAGCTGTAGTAGGTCATCAGGCGGACGGGCGTCGATATATCCCGCAGGCGATAGCGCAAGGTGTGGCTGCCATTATTGCA GCGTTTATCTGCACTGGCGGGCCGCTTTTACCATGAACCCTCTGACAATTTACGTCTCGTGGGCGTAACGGGCACCAACG  $\tt GCAAAACCACGACTACCCAGCTGTTGGCGCAGTGGAGCCAACTGCTTGGCGAAATCAGCGCGGTAATGGGCACCGTTGGT$ GGTGGATCAGGGCGCGACGTTTTGCGCAATGGAAGTTTCCTCCCACGGGCTGGTACAGCACCGTGTGGCGGCATTGAAAT TTGCGGCGTCGGTCTTTACCAACTTAAGCCGCGATCACCTTGATTATCATGGTGATATGGAACACTACGAAGCCGCGAAA ACTGCCGGACGCGGTTGCGGTATCAATGGAAGATCATATTAATCCGAACTGTCACGGACGCTGGTTGAAAGCGACCGAAG TGAACTATCACGACAGCGGTGCGACGATTCGCTTTAGCTCAAGTTGGGGCGATGGCGAAATTGAAAGCCATCTGATGGGC GCTTTTAACGTCAGCAACCTGCTGCTCGCGCTGGCGACACTGTTGGCACTCGGCTATCCACTGGCTGATCTGCTGAAAAC CGCCGCGCGTCTGCAACCGGTTTGCGGACGTATGGAAGTGTTCACTGCGCCAGGCAAACCGACGGTGGTGGATTACG TGTGGTGGCGATCGCGATAAAGGTAAGCGTCCACTGATGGGCGCAATTGCCGAAGAGTTTGCTGACGTGGCGGTGGTGAC GGACGATAACCCGCGTACCGAAGAACCGCGTGCCATCATCAACGATATTCTGGCGGGAATGTTAGATGCCGGACATGCCA GGTGATTGCATGATTAGCGTAACCCTTAGCCAACTTACCGACATTCTCAACGGTGAACTGCAAGGTGCAGATATCACCCT TCTGACGGGGTCCTCCGGCAAAACCTCCGTTAAAGAGATGACGGCGGCGATTTTAAGCCAGTGCGGCAACACGCTTTATA  $\tt CGGCAGGCAATCTCAACAACGACATCGGTGTACCGATGACGCTGTTGCGCTTAACGCCGGAATACGATTACGCAGTTATT$ GAACTTGGCGCGAACCATCAGGGCGAAATAGCCTGGACTGTGAGTCTGACTCGCCCGGAAGCTGCGCTGGTCAACAACCT GGCAGCGGCGCATCTGGAAGGTTTTGGCTCGCTTGCGGGTGTCGCGAAAGCGAAAGGTGAAATCTTTAGCGGCCTGCCGG AAAACGGTATCGCCATTATGAACGCCGACAACACGACTGGCTGAACTGGCAGAGCGTAATTGGCTCACGCAAAGTGTGG CGTTTCTCACCCAATGCCGCCAACAGCGATTTCACCGCCACCAATATCCATGTGACCTCGCACGGTACGGAATTTACCCT ACAAACCCCAACCGGTAGCGTCGATGTTCTGCTGCCGTTGCCGGGGCGTCACAATATTGCGAATGCGCTGGCAGCCGCTG TTCCCCATCCAACTGGCAGAAAACCAGTTGCTGCTCGACGACTCCTACAACGCCAATGTCGGTTCAATGACTGCAGCAGT GCCATGTACAGGTGGGCGAGGCGGCAAAAGCTGCTGGTATTGACCGCGTGTTAAGCGTGGGTAAACAAAGCCATGCTATC AGCACCGCCAGCGCGTTGGCGAACATTTTGCTGATAAAACTGCGTTAATTACGCGTCTTAAATTACTGATTGCTGAGCA A CAGGTAATTACGATTTTAGTTAAGGGTTCACGTAGTGCCGCCATGGAAGAGTAGTACGCGCTTTACAGGAGAATGGGATCGTCAGCCTGCTGACCGCGCTGTTCATCTCATTGTGGATGGGCCCGCGTATGATTGCTCATTTGCAAAAACTTTCCTTT  $\operatorname{GGTCAGGTGGTGCGTAACGACGGTCCTGAATCACACTTCAGCAAGCGCGGTACGCCGACCATGGGCGGGATTATGATCCT$ GACGGCGATTGTGATCTCCGTACTGCTGTGGGCTTACCCGTCCAATCCGTACGTCTGGTGCGTGTTGGTGGTGCTGGTAG GTTACGGTGTTATTGGCTTTGTTGATGATTATCGCAAAGTGGTGCGTAAAGACACCAAAGGGTTGATCGCTCGTTGGAAG TATTTCTGGATGTCGGTCATTGCGCTGGGTGTCGCCTTCGCCCTGTACCTTGCCGGCAAAGACACGCCGCAACGCAGCT GGTGGTCCCATTCTTTAAAGATGTGATGCCGCAGCTGGGGCTGTTCTACATTCTGCTGGCTTACTTCGTCATTGTGGGTA  $\tt CTGGTGGCGTGGGCGACCGGCAATATGAACTTTGCCAGCTACTTGCATATACCGTATCTGCGACACGCCGGGGAACTGGT$ TATTGTCTGTACCGCGATAGTCGGGGCAGGACTGGGCTTCCTGTGGTTTAACACCTATCCGGCGCAGGTCTTTATGGGCG ATGTAGGTTCGCTGGCGTTAGGTGGTGCGTTAGGCATTATCGCCGTACTGCTACGTCAGGAATTCCTGCTGGTGATTATG GGGGGCGTGTTCGTGGTAGAAACGCTTTCTGTCATCCTGCAGGTCGGCTCCTTTAAACTGCGCGGACAACGTATTTTCCG  $\tt CATGGCACCGATTCATCACCACTATGAACTGAAAGGCTGGCCGGAACCGCGCGTCATTGTGCGTTTCTGGATTATTTCGC$  TGATGCTGGTTCTGATTGGTCTGGCAACGCTGAAGGTACGTTAATCATGGCTGATTATCAGGGTAAAAATGTCGTCATTA GGCAGATCTGATTGTCGCCAGTCCCGGTATTGCACTGGCGCATCCTTAAGCGCTGCCGCTGATGCCGGAATCGAAA GATGCTACTGGATGATGAGTGTGAACTGTACGTGCTGGAACTGTCGAGCTTCCAGCTGGAAACCACCTCCAGCTTACAGG CGGTAGCAGCGACCATTCTGAACGTGACTGAAGATCATATGGATCGCTATCCGTTTGGTTTACAACAGTATCGTGCAGCA AAACTGCGCATTTACGAAAACGCGAAAGTTTGCGTGGTTAATGCTGATGATGCCTTAACAATGCCGATTCGCGGTGCGGA TGAACGCTGCGTCAGCTTTGGCGTCAACATGGGTGACTATCACCTGAATCATCAGCAGGGCGAAACCTGGCTGCGGGTTA AGTTGTGCTGGAGCATAACGGCGTACGTTGGATTAACGATTCGAAAGCGACCAACGTCGGCAGTACGGAAGCGCCCTGA AGAACAAACCGAAACTATGGAACAGGCGATGCGCTTGCTGGCTCCGCGTGTTCAGCCGGGCGATATGGTTCTGCTCTCCC TGATGCGTTTATCTCCCCTCGCCTGAAAATGCCGCCCTGCCAGGATTCAGTATCCTGGTCTGGATCTCCACGGCGCTA  ${\tt CGGCCTCGCGGCGATTGGCTTATCATGGTGACCTCGGCGTCAATGCCCATAGGGCAACGCTTAACCAACGATCCGTTCT}$ TCTTCGCGAAGCGTGATGGTGTCTATCTGATTTTGGCGTTTATTCTGGCGATCATTACGCTGCGTCTGCCGATGGAGTTC TGGCAACGCTACAGTGCCACGATGCTCGGATCTATCATCCTGCTGATGATCGTCCTGGTAGTGGGTAGCTCGGTTAA AGGGGCATCGCGTTGGATCGATCTCGGTTTGCTGCGTATCCAGCCTGCGGAGCTGACAAAACTGTCGCTGTTTTGCTATA TCGCCAACTATCTGGTGCGTAAAGGCGACGAAGTACGTAATAACCTGCGCGGGCTTCCTGAAACCGATGGGCGTGATTCTG GTGTTGGCAGTGTTACTGCTGGCACAGCCAGACCTTGGTACGGTGGTGTTGTTTTGTGACTACGCTGGCGATGTTGTT AGCGCACACTGACTTTATTTCGCCATTATCGGCGAAGAACTGGGGTATGTCGGTGTGGTGCTGGCACTTTTAATGGTATTCTTCGTCGCTTTTTCGCGCGATGTCGATTGGCCGTAAAGCATTAGAAATTGACCACCGTTTTTCCGGTTTTTCTCGCCTGT TCTATTGGCATCTGGTTTAGCTTCCAGGCGCTGGTTAACGTAGGCGCGGCGGCGGGGGATGTTACCGACCAAAGGTCTGAC ATTGCCGCTGATCAGTTACGGTGGTTCGAGCTTACTGATTATGTCGACAGCCATCATGATGCTGTTGCGTATTGATTATG AAACGCGTCTGGAGAAAGCGCAGGCGTTTGTACGAGGTTCACGATGAGTGGTCAAGGAAAGCGATTAATGGTGATGGCAG GGGACTGCCGACCGTATGGAAGCGGACTTAGTGCCAAAACATGGCATCGAAATTGATTTCATTCGTATCTCTGGTCTGCG TGGAAAAGGTATAAAAGCACTGATAGCTGCCCCGCTGCGTATCTTCAACGCCTGGCGTCAGGCGCGGGCGATTATGAAAG  $\tt CGTACAAACCTGACGTGGTCGGTATGGGAGGCTACGTGTCAGGTCCAGGTGGTCTGGCCGCGTGGTCGTTAGGCATT$ GGCGTTTCCAGGTGCTTTCCCTAATGCGGAAGTAGTGGGTAACCCGGTGCGTACCGATGTGTTGGCGCTTGCCGC  ${\tt ACAATGCCGCAGGTTGCTGCGAAACTGGGTGATTCAGTCACTATCTGGCATCAGAGCGCAAAAGGTTCGCAACAATCCGT}$ TGAACAGGCGTATGCCGAAGCGGGGCAACCGCAGCATAAAGTGACGGAATTTATTGATGATATGGCGGCGGCGTATGCGT GCCACAGCTTAGCGTGGATGCTGTCGCCAACACCCTGGCCGGGTGGTCGCGAGAACCTTATTAACCATGGCAGAACGCG GTGCCCGAAATGCGTCGCGTTCGGCACATACATTTTGTCGGCATTGGTGGTGCCGGTATGGGCGGTATTGCCGAAGTTCT GGCCAATGAAGGTTATCAGATCAGTGGTTCCGATTTAGCGCCAAATCCGGTCACGCAGCAGTTAATGAATCTGGGTGCGA TCATGCCATCGCCATTGCCGGAACGCACGGCAAAACGACCACCGCGATGGTTTCCAGCATCTACGCAGAAGCGGGGC  ${\tt TCGACCCAACCTTCGTTAACGGCGGGCTGGTAAAAGCGGCGGGGGGTTCATGCGCGTTTTGGGGCATGGTCGGTACCTGATT}$ GCCGAAGCAGATGAGAGTGATCCTTCCTGCATCTGCAACCGATGGTGGCGATTGTCACCAATATCGAAGCCGACCA CATGGATACCTACCAGGGCGACTTTGAGAATTTAAAACAGACTTTTATTAATTTTCTGCACAACCTGCCGTTTTACGGTC GTGCGGTGATGTGTTGATGATCCGGTGATCCGCGAATTGTTACCGCGAGTGGGGCGTCAGACCACGACTTACGGCTTC AGCGAAGATGCCGACGTGCGTGTAGAAGATTATCAGCAGATTGGCCCGCAGGGGCACTTTACGCTGCTGCGCCAGGACAA AGAGCCGATGCGCGTCACCCTGAATGCGCCAGGTCGTCATAACGCGCTGAACGCCGCAGCTGCGGTTGCGGTTGCTACGG GAATTCCCGCTGGAGCCAGTGAATGGTAAAAGCGGTACGGCAATGCTGGTCGATGACTACGGCCACCACCCGACGGAAGT GGACGCCACCATTAAAGCGGCGCGCGCGGGTGGCCGGATAAAAACCTGGTAATGCTGTTTCAGCCGCACCGTTTTACCC GTACGCGCGACCTGTATGATGATTTCGCCAATGTGCTGACGCAGGTTGATACCCTGTTGATGCTGGAAGTGTATCCGGCT  $\tt GGCGAAGCGCCAATTCCGGGAGCGGACAGCCGTTCGCTGTGTCGCACAATTCGTGGACGTGGGAAAATTGATCCCATTCT$ GGTGCCGGATCCGGCGCGGGTAGCCGAGATGCTGGCACCGGTATTAACCGGTAACGACCTGATTCTCGTTCAGGGGGGCTG GTAATATTGGAAAAATTGCCCGTTCTTTAGCTGAAATCAAACTGAAGCCGCAAACTCCGGAGGAAGAACAACATGACTGA TAAAATCGCGGTCCTGTTGGGTGGGACCTCCGCTGAGCGGGAAGTTTCTCTGAATTCTGGCGCAGCGGTGTTAGCCGGAC TGCGTGAAGGCGGTATTGACGCGTATCCTGTCGACCCGAAAGAAGTCGACGTGACGCAACTGAAGTCGATGGGCTTTCAG AAAGTGTTTATCGCGCTACACGGTCGCGGCGGTGAAGATGGTACGCTGCAGGGGATGCTCGAGCTGATGGGCTTGCCTTA TACCGGAAGCGGAGTGATGGCATCTGCGCTTTCAATGGATAAACTACGCAGCAAACTTCTATGGCAAGGTGCCGGTTTAC  $\tt CGGTCGCGCGTGGGTAGCGTTAACCCGCGCAGAGTTTGAAAAAGGCCTGAGCGATAAGCAGTTAGCAGAAATTTCTGCT$  $\tt CTGGGTTTGCCGGTTATCGTTAAGCCGAGCCGCGAAGGTTCCAGTGTGGGAATGTCAAAAGTAGTAGCAGAAAATGCTCT$ TTGCGATACTCGGTGAAGAAATTTTACCGTCAATACGTATTCAACCGTCCGGAACCTTCTATGATTATGAGGCGAAGTAT AGCATGGACGACGTTAGGTTGCAAAGGATGGGGACGTATTGACGTTATGCTGGACAGCGATGGACAGTTTTATCTGCTGG TTGGTAGTACGAATTCTGGAACTGGCGGACTAATATGTCGCAGGCTGCTCTGAACACGCGAAACAGCGAAGAAGAGGTTT TGGGTCGTGTTGGGCTGGATGGAAGATGCGCAACGCCTGCCGCTCTCAAAGCTGGTGTTGACCGGTGAACGCCATTACAC AGACGCAAATAGAACAACGCCTGCCGTGGATTAAGCAGGTGAGCGTCAGAAAGCAGTGGCCTGATGAATTGAAGATTCAT AGAACGCACCAGCAAGCAGGTGCTTCCAATGCTGTATGGCCCGGAAGGCAGCGCCAATGAAGTGTTGCAGGGCTATCGCG  $\tt CTGAATAACGATATTAAGCTCAATCTTGGCCGGGGCGATACGATGAAACGTTTGGCTCGCTTTGTAGAACTTTATCCGGT$ TTTACAGCAGCAGGCGCAAACCGATGGCAAACGGATTAGCTACGTTGATTTGCGTTATGACTCTGGAGCGGCAGTAGGCT
GGGCGCCTTGCCGCCAGAGGAATCTACTCAGCAACAACATCAGGCACAGGCAGAACAACAATGATCAAGGCGACGGACA GAAAACTGGTAGTAGGACTGGAGATTGGTACCGCGAAGGTTGCCGCTTTAGTAGGGGAAGTTCTGCCCGACGGTATGGTC AATATCATTGGCGTGGCAGCTGCCCGTCGCGTGGTATGGATAAAGGCGGGGTGAACGACCTCGAATCCGTGGTCAAGTG  $\tt CGTACAACGCGCCATTGACCAGGCAGAATTGATGGCAGATTGTCAGATCTCTTCGGTATATCTGGCGCTTTCTGGTAAGC$ ACATCAGCTGCCAGAATGAAATTGGTATGGTGCCTATTTCTGAAGAAGAAGTGACGCAAGAAGATGTGGAAAACGTCGTC CATACCGCGAAATCGGTGCGTGTGCGCGATGAGCATCGTGTGCTGCATGTGATCCCGCAAGAGTATGCGATTGACTATCA GGAAGGGATCAAGAATCCGGTAGGACTTTCGGGCGTGCGGATGCAGGCAAAAGTGCACCTGATCACATGTCACAACGATA TGGCGAAAAACATCGTCAAAGCGGTTGAACGTTGTGGGCTGAAAGTTGACCAACTGATATTTGCCGGACTGGCATCAAGT TTATACCGGTGGGCCATTGCGCCACACTAAGGTAATTCCTTATGCTGGCAATGTCGTGACCAGTGATATCGCTTACGCCT TTGGCACGCCGCCAAGCGACGCCGAAGCGATTAAAGTTCGCCACGGTTGTGCGCTGGGTTCCATCGTTGGAAAAGATGAG AGCGTGGAAGTGCCGAGCGTAGGTGGTCGTCCGCCACGGAGTCTGCAACGTCAGACACTGGCAGAGGTGATCGAGCCGCG CTATACCGAGCTGCTCAACCTGGTCAACGAAGAGATATTGCAGTTGCAGGAAAAGCTTCGCCAACAAGGGGTTAAACATC  ${\tt ACCTGGCGGCAGGCATTGTATTAACCGGTGGCGCAGCGCAGATCGAAGGTCTTGCAGCCTGTGCTCAGCGCGTGTTTCAT}$ GGGATTGCTTCACTATGGGAAAGAGTCACATCTTAACGGTGAAGCTGAAGTAGAAAAACGTGTTACAGCATCAGTTGGCT ACAGGCACAAATCGGAGAAACTATGTTTGAACCAATGGAACTTACCAATGACGCGTGATTAAAGTCATCGGCGTCGG TATTGCTGCGGGTATGGGTGGTACCGGTACAGGTGCAGCACCAGTCGTCGCTGAAGTGGCAAAAGATTTGGGTATCC TGACCGTTGCTGTCGTCACTAAGCCTTTCAACTTTGAAGGCAAGAAGCGTATGGCATTCGCGGAGCAGGGGATCACTGAA  $\tt CTGTCCAAGCATGTGGACTCTCTGATCACTATCCCGAACGACAAACTGCTGAAAGTTCTGGGCCGCGGTATCTCCCTGCT$ GGATGCGTTTGGCGCAGCGAACGATGTACTGAAAGGCGCTGTGCAAGGTATCGCTGAACTGATTACTCGTCCGGGTTTGA TGAACGTGGACTTTGCAGACGTACGCACCGTAATGTCTGAGATGGGCTACGCAATGATGGGTTCTGGCGTGGCGAGCGGT ACAGGTATCGGCATGGACAACGTCCTGAAATCACTCTGGTGACCAATAAGCAGGTTCAGCAGCCAGTGATGGATCGCTA AGGCTCTTTGTGCTAAACTGGCCCGCCGAATGTATAGTACACTTCGGTTGGATAGGTAATTTGGCGAGATAATACGATGA TCAAACAAAGGACACTTAAACGTATCGTTCAGGCGACGGGTGTCGGTTTACATACCGGCAAGAAAGTCACCCTGACGTTA CGCCCTGCGCCGGCCAACACCGGGGTCATCTATCGTCGCACCGACTTGAATCCACCGGTAGATTTCCCGGCCGATGCCAA ATCTGTGCGTGATACCATGCTCTGTACGTGTCTGGTCAACGAGCATGATGTACGGATTTCAACCGTAGAGCACCTCAATG GCTCCGTTTGTATACCTGCTGCTTGACGCCGGTATCGACGAGTTGAACTGCGCCAAAAAATTTGTTCGCATCAAAGAGAC TGTTCGTGTCGAAGATGGCGATAAGTGGGCTGAATTTAAGCCGTACAATGGTTTTTCGCTGGATTTCACCATCGATTTTA ACCATCCGGCTATTGATTCCAGCAACCAGCGCTATGCGATGAACTTCTCCGCTGATGCGTTTATGCGCCAGATCAGCCGT GCGCGTACGTTCGGTTTCATGCGTGATATCGAATATCTGCAGTCCCGTGGTTTGTGCCTGGGCGGCAGCTTCGATTGTGC  $\tt CATCGTTGTTGACGATTATCGCGTACTGAACGAAGACGGCCTGCGTTTTGAAGACGAATTTGTGCGTCACAAAATGCTCG$ ATGCGATCGGTGACTTGTTCATGTGTGGTCACAATATTATTGGTGCATTTACCGCTTATAAATCCGGTCATGCACTGAAT AACAAACTGCTGCAGGCTGTCCTGGCGAAACAGGAAGCCTGGGAATATGTGACCTTCCAGGACGACGCAGAACTGCCGTT GGCCTTCAAAGCGCCTTCAGCTGTACTGGCATAACGACATTTATACTGTCGTATAAAATTCGACTGGCAAATCTGGCACT GCACTTTTCCGCACAACTTATCTTCATTCGTGCTGTGGACTGCAGGCTTTAATGATAAGATTTGTGCGCTAAATACGTTT GAATATGATCGGGATGGCAATAACGTGAGTGGAATACTGACGCGCTGGCGACAGTTTGGTAAACGCTACTTCTGGCCGCA TCTCTTATTAGGGATGGTTGCGGCGAGTTTAGGTTTGCCTGCGCTCAGCAACGCCCCGAACCAAACGCCCCCCAAAAG CGACAACCCGCAACCACGAGCCTTCAGCCAAAGTTAACTTTGGTCAATTGGCCTTGCTGGAAGCGAACACACGCCGCCCG GCAAACACTGCCCGTTGCTGAAGAATCTTTGCCTCTTCAGGCGCAACATCTTGCATTACTGGATACGCTCAGCGCGCTGC TGACCCAGGAAGGCACGCCGTCTGAAAAGGGTTATCGCATTGATTATGCGCATTTTACCCCACAAGCAAAATTCAGCACG  $\tt CCCGTCTGGATAAGCCAGGCGCAAGGCATCCGTGCTGGCCCTCAACGCCTCACCTAACAACAATAAACCTTTACTTCATT$ TTATTAACTCCGCAACGCGGGCGTTTGAGATTTTATTATGCTAATCAAATTGTTAACTAAAGTTTTCGGTAGTCGTAAC GATCGCACCCTGCGCCGGATGCGCAAAGTGGTCAACATCATCAATGCCATGGAACCCGGAGATGGAAAAACTCTCCGACGA AGAACTGAAAGGGAAAACCGCAGAGTTTCGTGCACGTCTGGAAAAAGGCGAAGTGCTGGAAAATCTGATCCCGGAAGCTT  ${\tt TCGCCGTGGTACGTGAGGCAAGTAAGCGCGTCTTTGGTATGCGTCACTTCGACGTTCAGTTACTCGGCGGTATGGTTCTT}$  AACCGGTAAAGGCGTGCACGTAGTTACCGTCAACGACTACCTGGCGCAACGTGACGCCGAAAACAACCGTCCGCTGTTTG AATTCCTTGGCCTGACTGTCGGTATCAACCTGCCGGGCATGCCAGCACCGGCAAAGCGCGAAGCTTACGCAGCTGACATC  ${\sf TAAACTGCACTATGCGCTGGTGGACGAAGTGGACTCCATCCTGATCGATGAAGCGCGTACACCGCTGATCATTTCCGGCC}$ CGGCAGAAGACAGCTCGGAAATGTATAAACGCGTGAATAAAATTATTCCGCACCTGATCCGTCAGGAAAAAGAAGACTCC GAAACCTTCCAGGGCGAAGGCCACTTCTCGGTGGACGAAAAATCTCGCCAGGTGAACCTGACCGAACGTGGTCTGGTGCT GATTGAAGAACTGCTGGTGAAAGAGGGCATCATGGATGAAGGGGGAGTCTCTGTACTCCCGGCCAACATCATGCTGATGC ATCGTTGACGAACACCCGGTCGTACCATGCAGGGCCGTCGCTGGTCCGATGGTCTGCACCAGGCTGTGGAAGCGAAAGA AGGTGTGCAGATCCAGAACGAAAACCAAACGCTGGCTTCGATCACCTTCCAGAACTACTTCCGTCTGTATGAAAAACTGG  ${\tt CGGGGATGACCGGTACTGCTGATACCGAAGCTTTCGAATTTAGCTCAATCTACAAGCTGGATACCGTCGTTGTTCCGACC}$ AACCGTCCAATGATTCGTAAAGATCTGCCGGACCTGGTCTACATGACTGAAGCGGAAAAAATTCAGGCGATCATTGAAGA TATCAAAGAACGTACTGCGAAAGGCCAGCCGGTGCTGGTGGGTACTATCTCCATCGAAAAATCGGAGCTGGTGTCAAACG AACTGACCAAAGCCGGTATTAAGCACAACGTCCTGAACGCCAAATTCCACGCCAACGAAGCGGCGATTGTTGCTCAGGCA GGTTATCCGGCTGCGGTGACTATCGCGACCAATATGGCGGGTCGTGGTACAGATATTGTGCTCGGTGGTAGCTGGCAGGC AGAAGTTGCCGCGCTGGAAAATCCGACCGCAGAGCAAATTGAAAAAATTAAAGCCGACTGGCAGGTACGTCACGATGCGG TACTGGAAGCAGGTGGCCTGCATATCATCGGTACCGAGCGTCACGAATCCCGTCGTATCGATAACCAGTTGCGCGGTCGT TCTGGTCGTCAGGGGGATGCTGGTTCTTCCCGTTTCTACCTGTCGATGGAAGATGCGCTGATGCGTATTTTTGCTTCCGA  ${\tt CCAACGCCCAGCGTAAAGTTGAAAGCCGTAACTTCGACATTCGTAAGCAACTGCTGGAATATGATGACGTGGCTAACGAT}$ AGATGTGTTCAAAGCGACCATTGATGCCTACATTCCACCACAGTCGCTGGAAGAAATGTGGGATATTCCGGGGCTGCAGG AACGTCTGAAGAACGATTTCGACCTCGATTTGCCAATTGCCGAGTGGCTGGATAAAGAACCAGAACTGCATGAAGAGACC GTATCCACCTGCGTGGCTACGCACAGAAAGATCCGAAGCAGGAATACAAACGTGAATCGTTCTCCATGTTTGCAGCGATG ACAACAGCGTCGTATGGAAGCCGAGCGTTTAGCGCAAATGCAGCAGCTTAGCCATCAGGATGACGACTCTGCAGCCGCAG  $\tt CTGCACTGGCGCGCAAACCGGAGAGCGCAAAGTAGGACGTAACGATCCTTGCCCGTGCGGTTCTGGTAAAAAATACAAG$  ${\tt CAGTGCCATGGCCGCCTGCAATAAAAGCTAACTGTTGAAGTAAAAGGCGCAGGATTCTGCGCCTTTTTTATAGGTTTAAG}$ ACAATGAAAAGCTGCAAATTGCGGTAGGTATTATTCGCAACGAGAACAATGAAATCTTTATAACGCGTCGCGCAGCAGA TGCGCACATGGCGAATAAACTGGAGTTTCCCGGCGGTAAAATTGAAATGGGTGAAACGCCGGAACAGGCGGTGGTGCGTG AACTTCAGGAAGAAGTCGGGATTACCCCCCAACATTTTTCGCTATTTGAAAAACTGGAATATGAATTCCCGGACAGGCAT ATAACACTGTGGTTTTGGCTGGTCGAACGCTGGGAAGGGGAGCCGTGGGGTAAAGAAGAGGGCAACCCGGTGAGTGGATGTC GCTGGTCGGTCTTAATGCCGATGATTTTCCGCCAGCCAATGAACCGGTAATTGCGAAGCTTAAACGTCTGTAGGTCAGAT  ${\tt AAGGCGTTTTCGCCGCATCCGACATTCGCACACGATGCCTGATGCGACGCTGGCGCGTCTTATCAGGCCTAAAGGGATTT}$ TTTCGGAAAGATCGCCACTGCTGGGGATTCGTTTTTCTTCAGCAGCCCATTCTCCGAGGTCGATCAGCTGACAACGTTTG GAGCAAAATGGCCGAAACGGGCTGATTTCACCCCACACCACCGTTTTCCCGCAGGTTGGGCAATTCACCGTAATAGTTTC TGACATTTTTACTCCTTAGCAACAGGCCAGTTCGAAATCCAGACGTTCCGGTACCTGTCCGTTTTCAGTGTCCAGCGGCA TAAAACGAATGGCAAAACGGCTCTTATGTCCGGAAATTTGCGGATAAAGCTGTGAATCGAGCGACAGATTCAGGCGCAGC AAGTCGGCATCGCCACCGTTATCCTGATAAAAACCATTCAGGCTGGTTTTGTTTACGGAAGGGGGCCGACTGGCGAATTAA GGGGTAGATGCAGCCAAATGTGCAATGTAGGTAAATCAAAGCTGCAACAGCCGCCTGGGATGCTCAGTCGCTGACGCACC AGAGCAATCAAACGATCTTCACGCAGAAATTGCCCGATACGCGGCGGGAAATTAATACGCTCCCCGCCGCTTTTAACTG  GTTCTTTCAACAGCTCAGTGCGGACTTCGCCGCGCTCGAAAACATCCAGTAATTCACTGACATTACGGAAGAAATGCAGC GCGCCAGCGTGGTCAACGATGGGTAAATTAACGGTGAGTTGCTGAATCAAAAACTCAATGCGCAGCCATGTACGCATTTT TTCATTTAGTGGATGTTCAAAAAGGACCTGGGTCTGCATTACGGTTTTTCCTGTGAGACAAACTGCGACGCAAGCTGCAA ATAGTGTGCGTGCAGGCGGCAACATCCGATGCGATAGCATCCGGTGCGCCGTTATTATCAATGACGTCATCTGCCACGG TGGCACAACCCACAGTACATAGGGGGAAGTAGCTTGCTGGATCTGGTGTTGCGTCTCTTGCTGAATCAGCGGATGCAGCA GGGCGTTAAGCCAGTTTTTCTCTTCCGGGTTGGCGAAGATCCGCTCGCGCAAGGCCCGGCGCTGCAATGTTCCATCAGCA GCAATCATGTTAGCGCCAAAGTGATCAGCAATGGCATGTAGCGCAGGTGCACCTGGTTCAACCACCTGACGCGCAATAAT ATCGGCATCAATGACGTTAATTCCGAGATCAGCAAACGCATTGGCAACGGTACTCTTGCCACTGCCAATGCCTCCCGTTA AGGCAACTATATACCTCATAATTTATATTCCCGGGAATTCATCATGATTATCAAAAACGTTAAAAATGAGTGCACGAAAGC GAAATTGATGAAACGTTCGCTCACTATTTACCAGGTAAATTTATGGGATTGTAGCGTAAAAAAAGACAATTTCGCAGTCT TGCGCCGCATTGATTAGTGCGTATGATAGCGTCACTGGAGTTGCGCTCTTACCCTTATAGCCCATTAACCCCAGGAATCCG TTCCGATGTTGAACTGGAACGTCAATTCACCTTCAAACATTCAGGTCAGAGCTGGTCCGGCGTGCCGATTATCGCCGCAA ATATGGACACCGTAGGCACATTTTCTATGGCCTCTGCGCTGGCTTCTTTTGATATTTTGACTGCTGTGCATAAACACTAT TCTGTCGAAGAGTGGCAAGCGTTTATCAACAATTCTTCCGCTGATGTGCTGAAACATGTGATGGTTTCTACCGGTACGTC TGATGCGGATTTCGAAAAAACTAAACAGATTCTCGACCTGAACCCGGCATTAAACTTCGTTTGTATTGACGTGGCGAATG GTTATTCCGAACACTTCGTGCAGTTCGTTGCGAAAGCGCGTGAAGCGTGGCCGACCAAAACCATTTGTGCTGGTAACGTA GTGACTGGTGAAATGTGTGAGGAGCTTATCCTCTCAGGTGCCGATATCGTTAAAGTTGGCATTGGCCCAGGTTCTGTTTG TACAACTCGCGTCAAAACAGGCGTCGGTTATCCGCAACTTTCTGCGGTAATCGAATGTGCCGATGCTGCGCACGGTCTGG GCGGAATGATCGTCAGCGATGGTGGCTGCACCACGCCGGGCGATGTGGCGAAAGCCTTTGGCGGCGGTGCCGATTTCGTC ATGCTTGGCGGCATGCTGGCGGGCCACGAAGAGAGCGGCGGTCGCATCGTTGAGGAGAACGGCGAGAAATTTATGCTGTT TTAAGCTGCCGCTGCGAGGCCCGGTTGAAAATACCGCGCGAGATATTTTGGGCGGCCTGCGTTCAGCTTGTACATACGTT GGGGCTTCACGCCTGAAAGAGCTGACCAAGCGCACCACGTTTATTCGTGTGCAGGAACAAGAAAACCGCATCTTCAACAA  $\tt CCTGTAATCTCCCAACGCTGGCGTGGAGCAACACGCCAGCGTTATCCCATCCCACTCATCGCATCGCCTAAATGGAAAAT$ TGGCAGATACATTGCCACCACCACCACCAATAATTCCTCCCGTTATGATCAGCAACGCCGGTTCCAGTAAGGCTGCGA GGTTATCCGCCAGCGCCATTGTGTTTTCCCGATGATGATGGGCGAGGTTGTCTAACATGAGATCCAGAGAGCCGGATGCC  ${\tt ACTGATATCGTGCTGGATTTGTGTCAGAAGTTGCACCCAGTACGGCCAGTGCTGTTTCTCTGACGCTCTCTACGCCCT}$ GTAAAAAAGTAATGCCTGCACTTTGTGTCAGCGCCAGAATCGTAAAGATCTGCGTGAGTTTTTGTCCCCGCATCAGTGAA CGCCAGCAGAAAGCCGAACAACACCAGCAGCCAGCTCCATTCGCCACTAAAGTCTGCCAGCGTCATGATCCCCTGCGTTA GTGCCGGTAGTGGGGTGTTGAAGGTCTTATAGATAGCGGCAAACTCCGGCAGAACAAATGCAGCATTGCCACAACCACC ATGATTGCCATCGCTAAAATGATGATGGGATAACGTAACGCTGATTTCACTTTGTCGGTCAACTGACGCTGGGCTTTTTG CTGACGCGCCAGTTCAAAGCAGCATTCATCCAGCTTACCGGTCAGTTCACCCGTGCGGATCATCGCCTGATAGAGCGGCG GAAATACCTCTGACCAGGGTAATAAGGCATTGGAAAAAGCAATGCCCTGTTCGAGATCGTGCGCCAGCGATTGCAGCAAC CGCCAGTTGATGAATGACTTCCGCGCTTTTATCTCCTCGCCACTGCGCAGAATTGATGGCGATTCGCTTCAGGCTTAGTG GGGTAACCATCTGTTGCTGTAGTGCCATAAGCAGTAAAGTACGGCTCTCTGCCCATAGCATCCCATCTTGCGCATTGCCG TCGCCGGTTATGCCATGCCAGCGCCAGAGTTGCTTACTCGCCATGCGGCATCCCCAGTACGCGGATTAACTCTTCAAAGG GATTCAACGTCGGTATTAGCGGAAATAAGCTGACGAATGACCGGCGTTATGGGCAGAACTTCAAATAAGGCCGTACGACC GGATGGGCTCCCCTTGCTGCCGGCGACAATGTGGGCAAAGTTTGCGTACCAGACGCTGGGCTATTACCAGCGTAAGCGCC GATGATAGCATCCAGCGGCGACCCCCATTTGCTGTAAACGTACCAGCGTTTCGCAGGTGGAATTAGTGTGTAGGGTAGA  ATAAAGCGTGACCGTTTTGCCGCTGCCGGTAGGGCCAGTTACCAGCACCAGTCCCTGTGGTTGTTGCAAGGCATGAGCAA AGTCCGCCAGTTGTAACGGCTGCATTCCAAGCGTGTTGACATCCAGTGCCTGACCACCTGCTGTAACAACCTTAATACC  ${\tt ACCTTTCACCACCCCGACATGGTAAGGTCGCAATACGAAATGAGACGGCGTTTCCTGCCAGTTCGACAGTGAATTGCCC}$ GTCCTGCGGCAGGCGATGTTCCGCAATATCCAGGTTTCCCAGCACTTTTAATCTGGCGGTTAATGCGACTCCGGCATCCG
GTGAAACATCCGGTAAAGGATGCAATACGCCGTCGATACGCAAGCGGATGCGGTAGGCATTGTCCGCTGGTTCGATATGA AGCTACGGGCAATGTCTGTTGTGCGACTGCCGTGACCTTCCATTTGTTGGCGCCGTCCAGCAGGTGATCTCAATACGTT TGGTGGTAGCGAAATGCAATGCGTCCAGTAGCTCATGCGAAGGTGCATCGACTACCGCAACATGAACCACCTCTTCGCTG GCATCCAGCAAGACTCCATGATAACGCAGACACAGGGCAGTGAGCTGTGGAATATTCATTGCCGCTCCTTAGTTGGCGTC ATCAAAGCGGAAGACATCTTCGCAGGCTTGCTGCAATGCGCTGTCACTTTGAATATTGCAGTTGCGCGTCCAGCCGGTGA  $\tt CCCTTTGCCACACTCATGGCTGAAACATAGCGGGTGGTGGTAGGCGAGGGAATGCCATTGCTGCCACCGTCGCAGGTATC$ TAATCCACCATGTTCCAGCGCGCACAACTCTACGGCGGTACGGTAAGGCACAAAGGTTTGTAGCATGTCGGTGAGTGCGG CTTTGCGCAGGTAGTTTTGATAAGCGGGAATACCAATGGCGCTTAAAATGGCAATGATGCCAATAACCACCATCAGTTCG  ${\tt ACGCATTGAAAGGTCGAGTGCTTGTACGTGTTTAGCTCACCGCACCGGAGATAAAGTCCACGCCCGTTTCGGCAAATT}$ TGTTCTGTTTCGAAGTTATCCAGCATGATGATATCGGCTCCTGCTTTCAGGGCTTCATCAAGTTCTTCCAGATTCTCTAC TTCGACTTCTACTGGCGCATCCGGGTGCAGCCAGGACGCTTTTTCGACCGCCTGGCGCACTGAGCCGGAGGCAATAATAT GGTTTTCTTTGATCAGGAAGGCATCAGAAAGCCCCCAGACGGTGATTCGCTCCGCCGCCGCAAAGTACCGCGTATTTCAGA GCTGAACGCAGGCCGGGTAAGGTTTTGCGCGTATCCAACACTGCGTGTTGGTGCCTTCCAGCAATTCGACATAGTGGCG TACCTTACTGCAAACTCCTGAAAGGGTTTGCACAAAATTAAGCGCAGTGCGTTCGCCCGTTAACAGCACGCGGGATGGGC  $\tt CTTCAAGTTCGAACAAGGATTGATTGCCATTGATGACATCGCCGTCATCCACATGCCAGATTATGGTGACATCGTCGCCT$ GCCAGTTGAATAAACACCTCTTCAACCCAGCGTTTGCCGCAAAAGACGCCATTCTCGCGGGTGATCACCGTGGCATGAGA GCGAGAATTTTCCGGTAAAAGTTTTGCCGTAATATCATTGTTGGCATCGACTGTTCCGCCTAAATCTTCCCGCAGCGCCCT GGGCCACCGCGCGCGGGATATCGAGATTAATGCGTTCCAGCAGCTCGTCACGTCGGGTGTCAGGGTTATAGCGGCGAGGC GGCATGTTAAAACTCCAGATAGCTAACGAATCATAAGGTAGAAACATGCTACTCTGAACCGGGTATTAGCACCACATATA GGATGACGAAACACCCACCCTGCTGGTGCTGCACAATATTAGCCTGCCGCCAGGCGAGTTTGGCGGTCCGTGGATCGACG TTGATTCGCCGTGATGGTGAAATAGTCCAGTATGTTCCTTTCGATAAACGTGCATGCGGGAGTCTCTCAGTATCA GGGGCGCGAACGCTGCAATGATTTTTCTATTGGGATTGAGCTTGAAGGCACCGATACGCTGGCGTATACCGATGCGCAGT ATGACGCTATTTACAACCTTACTGGTGTTAATTTTCGAGCGCCTGTTTAAGTTGGGCGAGCACTGGCAGCTTGATCATCG TCTTGAAGCGTTCTTTCGGCGGGTGAAACATTTTTCTCTCGGGCGCACGTTAGGCATGACCATTATTGCGATGGGCGTGA  $\tt CTTTTTTACTGTTACGCGCATTGCAGGGAGTATTGTTCAACGTTCCCACGCTACTGGTTGGCTGATTGGTTTGCTG$ TGTATTGGCGCAGGTAAAGTTCGTCTTCATTATCATGCTTATCTGACAGCTGCTTCACGTAATGATAGCCATGCCCGTGC ATGCATTGCTGTGGATTAACTTTCGTTTTTATCTTGCACCGCTGTTCTGGCTGATTGTGGGGGGGAACCTGGGGACCCGTTGTGAGAAAGCGTTACCGGCCTGGTTTGCTTCGCTGGGTGATTTCCATACTTCGCAGTATCAGGTGTTAACGCGTCTGGCG  GTTCGTGGTCGTGGTGGTGATTGCACTACTGACGATTTACGGGGCGTTGGTGTAAAGATTATTGCCCTCACCCTGTACGG GTGAGGGCGTAGAGAGATTAATGCGCTTTTACGGCTTTTGCGGGTTTTCTCTTTAAACAGATAGCCGATACCTAACACGAT  $\tt CAGCCATACCGGGATCAGGTATACCGAAATCGCCATTCCTGGGGTCATCAGCATAATCACCAGTACCGCCGCCATAAACA$ AATTTCATATGCGCCAGGCTAATCATCGCCCAGTTGATTACCAGTGCAGATACCACCAGCGCCATTAACAGTCCGAAAGC GGACTCTGGGGCAAGGTAGTTAATCAGTACGCACAACGCCGTTACCAGTGCAGACACCAGAATGGTATTTACTGGTACAC CACGTTTATCGACAGACGCCAGCGCTTTTGGCGCATTACCCTGTTGTGCCAGACCAAACAGCATACGGCTGTTGCAATAT  ${\tt ACGCAGCTGTTGTACACGGAGAGCGCCGCAGTCAGTACCACGATGTTCAGCGCATTCGCCACAAAGGTATCGCCTAACTC}$ GTGGAAGATCAGCACAAACGGACTGGTATCGGCGGTAACGCGGGTCCACGGCATCAGTGAGAGCAGAACGGCTAACGAAC  ${\tt CAATATAGAAAATCAGGATGCGGTAGATAACCTGGTTAGTTGCTTTCGGTATACTTTGCTCCGGGTTATCAGCTTCTGCT}$ GCGGTGATCCCCACCAGTTCCAGACCACCGAACGAGAACATGATAATCGCCATCATCATCACCAGCCCGGTGAAGCCGTG CGAAGATGATCATCGCTACCACCGCGATAACTTTGATAATGGCAAACCAGAACTCCATCTCGCCAAACACTTTAACGTTG GTCAGGTTGATGGCGTTAATCACCACAAAGAATACGGCGGCAGAAACCCAGGTGGGGATTTCCGGATACCAGAACTGAAT CAAAACTGCCCCAGTATTTATAAGCAAAGTGGCTAAAGGAGCCTGCGACAGGTTCTTCGACCACCATTTCACCCAGCTGA CGCATGATCAGAAAGGCGATAAAACCAGCAATGGCGTAACCCAGGATAATCCCTGGCCCTGCGGACTGTATTACGGAGGC GCTACCCAGGAATAACCCGGTCCCTATCGCGCCACCCAGCGCGATAAGCTGAATATGGCGGTTTTTAAGGCCGCGCTTTA TAAGTTTGCAATTCCGTTTGTTGTATTAATTTGTTTACATCAAAGAAGTTTGAATTGTTACAAAAAAGACTTCCGTCAGAT  ${\tt CAAGAATAATGGTATGCGCAGCGAATGCACCCGCTTTATGCATGGTTGAAGATGAGTTGCTTAAAAAAGAAACCGTTTGT}$ AAAGCTCAGCCTCAACCCCTCTCAATATGTAGAATGAATTTAAATTCGTTTTAATTGAATTAAAAAATCACAAAATTGGTA AGTGAATCGGTTCAATTCGGATTTTTATAGTTTAATAATCGTTAAAAAACTCCTTTCCTACGTAAAGTCTACATTTGTGC GACATAAGGTGAATACTTTGTTACTTTAGCGTCACAGACATGAAATTGGTAAGACCAATTGACTTCGGCAAGTGGCTTAA GACAGGAACTCATGGCCTACAGCAAAATCCGCCAACCAAAACTCTCCGATGTGATTGAGCAGCAACTGGAGTTTTTGATC  $\tt CTCGAAGGCACTCTCCGCCCGGGCGAAAAACTCCCACCGGAACGCGAACTGGCAAAACAGTTTGACGTCTCCCGTCCCTC$ GCCTATGGCAAAGCTTCAGCGATCCGCTGGTGGAGCTCTCCGACCATCCTGAGTCACAGTATGACTTGCTCGAAACA TCACCGAAGCGCCCACAATGTGGTTCTGCTTCATCTGCTAAGGTGTATGGAGCCGATGTTGGCCCAGAATGTCCGCCAG AACTTCGAATTGCTCTATTCGCGTCGCGAGATGCTGCCGCTGGTGAGTCACCGCACCCGCATATTTGAAGCGATTAT GGCCGGTAAGCCGGAAGAAGCGCGCGAAGCATCGCCATCTGGCCTTTATCGAAGAAATTTTGCTCGACAGAAGTC GTGAAGAGGCCGCCGTGAGCGTTCTCTGCGTCGTCGTGGAGCAACGAAAGAATTAGTGATTTTTCTGGTAAAAATTATCC AGAAGATGTTGTAAATCAAGCGCATATAAAAGCGCGGCAACTAAACGTAGAACCTGTCTTATTGAGCTTTCCGGCGAGAG TTCAATGGGACAGGTTCCAGAAAACTCAACGTTATTAGATAGGTAAGGAATAACCCATGTCAGAACGTTTCCCAAATGAC GTGGATCCGATCGAAACTCGCCGACTGGCTCCAGGCGATCGAATCGGTCATCCGTGAAGAAGGTGTTGAGCGTGCTCAGTA TCTGATCGACCAACTGCTTGCTGAAGCCCGCAAAGGCGGTGTAAACGTAGCCGCAGGCACAGGTATCAGCAACTACATCA ACACCATCCCCGTTGAAGAACAACCGGAGTATCCGGGTAATCTGGAACTGGAACGCCGTATTCGTTCAGCTATCCGCTGG  ${\tt AACGCCATCATGACGGTGCTGCGTCGAAAAAAAGACCTCGAACTGGGCGGCCATATGGCGTCCTTCCAGTCTTCCGC}$ AACCATTTATGATGTGTGCTTTAACCACTTCTTCCGTGCACGCAACGAGCAGGATGGCGGCGACCTGGTTTACTTCCAGG GCCACATCTCCCCGGGCGTGTACGCTCGTGCTTTCCTGGAAGGTCGTCTGACTCAGGAGCAGCTGGATAACTTCCGTCAG GAAGTTCACGGCAATGGCCTCTCCTATCCGCACCCGAAACTGATGCCGGAATTCTGGCAGTTCCCGACCGTATCTAT GGGTCTGGGTCCGATTGGTGCTATTTACCAGGCTAAATTCCTGAAATATCTGGAACACCGTGGCCTGAAAGATACCTCTA  ${\tt AACAAACCGTTTACGCGTTCCTCGGTGACGGTGAAATGGACGAACCGGAATCCAAAGGTGCGATCACCATCGCTACCCGT}$ GAAAAACTGGATAACCTGGTCTTCGTTATCAACTGTAACCTGCAGCGTCTTGACGGCCCGGTCACCGGTAACGGCAAGAT  TGCTGCGTAAGGATACCAGCGGTAAACTGATCCAGCTGATGAACCGAAACCGTTGACGGCGACTACCAGACCTTCAAATCG GCAGATCTGGGCACTGAACCGTGGTCGCCGATCCGAAGAAAATCTACGCTGCATTCAAGAAAGCGCAGGAAACCAAAG GCAAAGCGACAGTAATCCTTGCTCATACCATTAAAGGTTACGGCATGGGCGACGCGGCTGAAGGTAAAAACATCGCGCAC AAAACTGCCGTACATCACCTTCCCGGAAGGTTCTGAAGAGCATACCTATCTGCACGCTCAGCGTCAGAAACTGCACGGTT ATCTGCCAAGCCGTCAGCCGAACTTCACCGAGAAGCTTGAGCTGCCGAGCCTGCAAGACTTCGGCGCGCTGTTGGAAGAG CAGAGCAAAGAGATCTCTACCACTATCGCTTTCGTTCGTGCTCTGAACGTGATGCTGAAGAACAAGTCGATCAAAGATCG  ${\tt ACGGTCAGCAGTACACCCCGCAGGACCGCGAGCAGGTTGCTTACTATAAAGAAGACGAGAAAGGTCAGATTCTGCAGGAA}$ GGGATCAACGAGCTGGCCGCAGGTTGTTCCTGGCTGGCAGCGCCGACCTCTTACAGCACCAACAATCTGCCGATGATCCC GTTCTACATCTATTACTCGATGTTCGGCTTCCAGCGTATTGGCGATCTGTGCTGGGCGGCTGCGACCAGCAAGCGCGTG GCTTCCTGATCGGCGGTACTTCCGGTCGTACCACCCTGAACGGCGAAGGTCTGCAGCACGAAGATGGTCACAGCCACATT GGAGCGTATGTACGGTGAAAAACAAGAGAACGTTTACTACTACATCACTACGCTGAACGAAAACTACCACATGCCGGCAA TGCCGGAAGGTGCTGAGGAAGGTATCCGTAAAGGTATCTACAAACTCGAAACTATTGAAGGTAGCAAAGGTAAAGTTCAG CGTTTATAGCGTGACCTCCTTCACCGAGCTGGCGCGTGATGGTCAGGATTGTGAACGCTGGAACATGCTGCACCCGCTGG AAACTCCGCGCGTTTCCGTATATCGCTCAGGTGATGAACGACGCTCCGGCAGTGGCATCTACCGACTATATGAAACTGTTC TGAGAACCTGCGTCACCACTTCGAAGTTGATGCTTCTTATGTCGTGGTTGCGGCGCTGGGCGAACTGGCTAAACGTGGCG AAATCGATAAGAAAGTGGTTGCTGACGCAATCGCCAAATTCAACATCGATGCAGATAAAGTTAACCCGCGTCTGGCGTAA GAGGTAAAAGAATAATGGCTATCGAAATCAAAGTACCGGACATCGGGGCTGATGAAGTTGAAATCACCGAGATCCTGGTC AAAGTGGGCGACAAAGTTGAAGCCGAACAGTCGCTGATCACCGTAGAAGGCGACAAAGCCTCTATGGAAGTTCCGTCTCC GCAGGCGGGTATCGTTAAAGAGATCAAAGTCTCTGTTGGCGATAAAACCCAGACCGGCGCACTGATTATGATTTTCGATT TAAAGTTGAAGCTGAACAGTCGCTGATCACCGTAGAAGGCGACAAGGCTTCTATGGAAGTTCCGGCTCCGTTTGCTGGCA TAACGTTCCGGATATCGGCGGTGACGAAGTTGAAGTGACTGAAGTGATGGTGAAAGTGGCGACAAAGTTGCCGCTGAAC AGTCACTGATCACCGTAGAAGGCGACAAAGCTTCTATGGAAGTTCCGGCGCCGTTTGCAGGCGTCGTGAAGGAACTGAAA GTCAACGTTGGCGATAAAGTGAAAACTGGCTCGCTGATTATGATCTTCGAAGTTGAAGGCGCAGCGCCTGCGGCAGCTCC TGCGAAACAGGAAGCGGCAGCGCCCGGCACCAGCAAAAGCTGAAGCCCCGGCAGCAGCACCAGCTGCGAAAGCGGAAG GCAAATCTGAATTTGCTGAAAACGACGCTTATGTTCACGCGACTCCGCTGATCCGCCGTCTGGCACGCGAGTTTGGTGTT AACCTTGCGAAAGTGAAGGGCACTGGCCGTAAAGGTCGTATCCTGCGCGAAGACGTTCAGGCTTACGTGAAAGAAGCTAT AGTTTGGTGAAATCGAAGAAGTGGAACTGGGCCGCATCCAGAAAATCTCTGGTGCGAACCTGAGCCGTAACTGGGTAATG ATCCCGCATGTTACTCACTTCGACAAAACCGATATCACCGAGTTGGAAGCGTTCCGTAAACAGCAGAACGAAGAAGCGGC GAAACGTAAGCTGGATGTGAAGATCACCCCGGTTGTCTTCATCATGAAAGCCGTTGCTGCAGCTCTTGAGCAGATGCCTC GCTTCAATAGTTCGCTGTCGGAAGACGGTCAGCGTCTGACCCTGAAGAAATACATCAACATCGGTGTGGCGGTGGATACC  $\tt CCGAACGGTCTGGTTGTTCCGGTATTCAAAGACGTCAACAAGAAAGGCATCATCGAGCTGTCTCGCGAGCTGATGACTAT$ TTCTAAGAAAGCGCGTGACGGTAAGCTGACTGCGGGCGAAATGCAGGGCGGTTGCTTCACCATCTCCAGCATCGGCGGCC  $\tt CCCAACGGCCGGCTTTTTTCTGGTAATCTCATGAATGTATTGAGGTTATTAGCGAATAGACAAATCGGTTGCCGTTTGTT$  GTGAAGCTAACGCCGCTGCGGCCTGAAAGACGACGGCTATGACCGCCGGAGATAAATATATAGAGGTCATGATGAGTACT  $\tt GAAATCAAAACTCAGGTCGTGGTACTTGGGGCAGGCCCCGCAGGTTACTCCGCTGCCTTCCGTTGCGCTGATTTAGGTCT$ GGAAACCGTAATCGTAGAACGTTACAACACCCTTGGCGGTGTTTGCCTGAACGTCGGCTGTATCCCTTCTAAAGCACTGC ACTTCGACAACGCGATCATTGCAGCGGGTTCTCGCCCGATCCAACTGCCGTTTATTCCGCATGAAGATCCGCGTATCTGG GACTCCACTGACGCGCTGGAACTGAAAGAAGTACCAGAACGCCTGCTGGTAATGGGTGGCGGTATCATCGGTCTGGAAAT GGGCACCGTTTACCACGCGCTGGGTTCACAGATTGACGTGGTTGAAATGTTCGACCAGGTTATCCCGGCAGCTGACAAAG ACATCGTTAAAGTCTTCACCAAGCGTATCAGCAAGAAATTCAACCTGATGCTGGAAACCAAAGTTACCGCCGTTGAAGCG AAAGAAGACGCCATTTATGTGACGATGGAAGGCAAAAAAGCACCCGCTGAACCGCAGCGTTACGACGCCGTGCTGGTAGC GATTGGTCGTGTGCCGAACGGTAAAAACCTCGACGCAGGCAAAGCAGGCGTGGAAGTTGACGACCGTGGTTTCATCCGCG TTGACAAACAGCTGCGTACCAACGTACCGCACATCTTTGCTATCGGCGATATCGTCGGTCAACCGATGCTGGCACACAAA GGTGTTCACGAAGGTCACGTTGCCGCTGAAGTTATCGCCGGTAAGAACACTACTTCGATCCGAAAGTTATCCCGTCCAT  $\tt CCACCTTCCCGTGGGCTGCTTCTGGTCGTGCTATCGCTTCCGACTGCGCAGACGGTATGACCAAGCTGATTTTCGACAAA$ GAATCTCACCGTGTGATCGGTGCGATTGTCGGTACTAACGGCCGAGCTGCTGGGTGAAATCGGCCTGGCAATCGA AATGGGTTGTGATGCTGAAGACATCGCACTGACCATCCACGCGCACCCGACTCTGCACGAGTCTGTGGGCCTGGCGGCAG AAGTGTTCGAAGGTAGCATTACCGACCTGCCGAACCCGAAGCGAAGAAGAAGTAATTTTTCGTTTGCCGGAACATCCGG CAATTAAAAAAGCGGCTAACCACGCCGCTTTTTTTACGTCTGCAATTTACCTTTCCAGTCTTCTTGCTCCACGTTCAGAG AGACGTTCGCATACTGCTGACCGTTGCTCGTTATTCAGCCTGACAGTATGGTTACTGTCGTTTAGACGTTGTGGGCCGCCT GTTGATTCAGTGGGCGCTGCTGTACTTTTCCTTAAACACCTGGCGCTGCTCTGGTGATGCGGACTGAATACGCTCACGC GCTCAGGCGAGGCGGACTGATAACGCTGACGAGCGGCGTCCTTTTGTTGCTGGGTCAGTGGTTGGCGACGGCTGAAGTCG TGGAAGTCGTCATAGCTCCCATAGTGTTCAGCTTCATTAAACCGCTGTGCCGCTGCCTGACGTTGGGTATCTCGTGTAAT GACTGGTGCGCGTGTTCGTTGCTGAAACTGATTTGCTGCCGCCTGACGCTGTCGCCGCGTTGGGGCAGGTAATT GCGTGGCGCTCATTCCGCCGTTGACATCGGTTTGATGAAACCGCTTTGCCATATCCTGATCATGATAGGGCACACCATTA
GATATTGATGTTGTCGCCGTTGTTGTCCCAGCCATTACCGTCACGATGACCGCCATCGTGGTGATGATAATCATCATTGT CATGATGATGTCGTCGTCGTCCCCAGTCGATGCTGCTGAATAGTGCGTACGTGGTAGCAACGCCCATGCTA TAGCCGAATCCGCGTACAAAGCTGTCAACAAACGGTTCTCCGGCTGGTGGTGGCAGATAAACCGGCGGATACGCAGTATT GGCCCAGTTCCCGTAAACCACGGTTGGGTTGTAGTTGGGAATATAGACCACATCAGGATTGGCGGGCTCAATGGAAATGA TTTACCGGTACAGCTTTCTTCGTTGTGGTAATAACTTTCTGTTCGGTTGATGACTTCAGCGAGCCGGTTTGTTGCGCCAG TTGCCGCAATCGCTGTACCGAGTCCATCACGTCCTGCGGCTGGGCCAGAAAAGCATCGCCCAGGTTTTGCACCCATTGCG GGTTTTCGCCCATCAATGCCATCAATTGTGGAAAGGCCACCAGTGATTTAACGCTGGCGTCCCACGGCTGGTCAGATACC TGAATGCGGATTTGACGACGGCGGGTGTTACGGGAGGTGCGGAAACCGTTGCAGGAAACGTAACCGCGGCAGCGTCAGAC AAGCCCGGCACTGCAAATTAGCGCCAGCACATGGGGTTTAAACGGCAAAGTCATTTTCATAATTCGGATCTCAAGGAAAT  ${\tt CGCAATGGTCGGCGAACTGCCACCCGCAGGTGCTGTGAATCCGAGTATAAAGAGGCGGTAGTTTAAATTTTGACTAATCT}$  ${\tt TGGGATTCGTTGAGAAAGGTGATTATCACCATGCGAATTAACGAAGTTTTTACGGAGGGAAACAATCTCTAGACCATCCT}$ TAACGATTCAGCCACTTTTTTATGTTGCTTTTTTGTAAACAGATTAACACCTCGTCAAAATCCTGCTATTCTGCCCGTTG  CGAGGAGAACCGTCGTGCTAGAAGAATACCGTAAGCACGTAGCTGAGCGTGCCGCTGAGGGGGATTGCGCCCAAACCCCTG AACCAACCGTGTTCCCCCAGGCGTCGATGAAGCCGCCTATGTCAAAGCAGGCTTCCTGGCTGCTATCGCGAAAGGCGAAG ATCGACGCGCTGGATGATGCCAAACTGGCACCTATTGCTGCCAAAGCACTTTCTCACACGCTGCTGATGTTCGATAACTT  $\tt CTATGACGTAGAAGAGAAAGCGAAAGCAGGCAACGAATATGCGAAGCAGGTTATGCAGTCCTGGGCGGATGCCGAATGGTATGGGAAGCAGGTTATGCAGTCCTGGGCGGATGCCGAATGGTATGGGAAGCAGGTTATGCAGTCCTGGGCGGATGCCGAATGGTATGGAAGCAGGTTATGCAGTCCTGGGCGGATGCCGAATGGTATGGAAGCAGGTTATGCAGTCCTGGGCGGATGCCGAATGGTATGGAAGCAGGTTATGCAGTCCTGGGCGGATGCCGAATGGTATGGAAGCAGGTTATGCAGTCCTGGGCGGATGCCGAATGGTATGGAAGCAGGTTATGCAGTCCTGGGCGGATGCCGAATGGTATGGAAGCAGGTTATGCAGTCCTGGGCGGATGCCGAATGGTATGGAATGGTATGAGAAGCAGGTTATGCAGTCCTGGGCGGATGCCGAATGGTATGAGAATGGTATGAAGAAGAATGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAATGAATGAATGAATGAATGAATGAGAATG$ TCCTGAATCGCCCGGCGCTGGCTGAAAAACTGACCGTTACTGTCTTCAAAGTCACTGGCGAAACTAACACCGATGACCTT TCTCCGGCACCGGATGCGTGGTCACGCCCGGATATCCCACTGCACGCGCTGGCGATGCTGAAAAACCGCCCGTGAAGGTAT TGAGCCAGACCAGCCTGGTGTTGTTGGTCCGATCAAGCAAATCGAAGCTCTGCAACAGAAAGGTTTCCCGCTGGCGTACG CATGTGCCGAACAACGCGGCGGTGGTTTGTGCCTCGGCGGTAAAATTGCACCCATCTTCTTTAACACGATGGAAGACGC GGGTGCACTGCCAATCGAAGTCGACGTCTCTAACCTGAACATGGGCGACGTGATTGACGTTTACCCGTACAAAGGTGAAG GGCCGTATTCCGCTGATTATCGGGCCTGGCCTGACCACCAAAGCGCGTGAAGCACTTGGTCTGCCGCACAGTGATGTTTT AAGGCATTCGTCCGGGCGCGTACTGTGAACCGAAAATGACTTCTGTAGGTTCCCAGGACACCACCGGCCCGATGACCCGT GATGAACTGAAAGACCTGGCGTGCCTGGCTTCTCCGCTGACCTGGTGATGCAGTCTTTCTGCCACACCGCGGCGTATCC GAAGCCAGTTGACGTGAACACGCACCACACGCTGCCGGACTTCATTATGAACCGTGGCGGTGTGTCGCTGCGTCCGGGTG  ${\tt ACGGCGTCATTCACTCCTGGCTGAACCGTATGCTGCCGGATACCGTCGGTACCGGTGGTGACTCCCATACCCGTTTC}$ GGAATCCGTTCTGGTGCGCTTCAAAGGCAAAATGCAGCCGGGCATCACCCTGCGCGATCTGGTACACGCTATTCCGCTGT ATGCGATCAAACAAGGTCTGCTGACCGTTGAGAAGAAAAGCAAGAAAAACATCTTCTCTGGCCGCATCCTGGAAATTGAA GGTCTGCCGGATCTGAAAGTTGAGCAGGCCTTTGAGCTAACCGATGCGTCCGCCGAGCGTTCTGCCGCTGGTTGTACCAT CAAGCTGAACAAAGAACCGATCATCGAATACCTGAACTCTAACATCGTCCTGCTGAAGTGGATGATCGCGGAAGGTTACG GCGATCGTCGTACCCTGGAACGTCGTATTCAGGGCATGGAAAAATGGCTGCGAATCCTGAGCTGCTGGAAGCCGATGCA GATGCGGAATACGCGGCAGTGATCGACATCGATCTGGCGGATATTAAAGAGCCAATCCTGTGTGCTCCGAACGACCCGGA ATGGACGCCGCACAGTTGACCGAAGAAGGCTACTACAGCGTCTTCGGTAAGAGTGGTGCGCGTATCGAGATCCCTGGCTG TTCCCTGTGTATGGGTAACCAGGCGCTGTGGCGGACGGTGCAACGGTGGTTTCCACCTCTACCCGTAACTTCCCGAACC GTCTGGGTACTGGCGGAATGTCTTCCTGGCTTCTGCGGAACTGGCGGCTGTTGCGGCGCTGATTGGCAAACTGCCGACG  ${\tt CCGGAAGAGTACCAGACCTACGTGGCGCAGGTAGATAAAACAGCCGTTGATACTTACCGTTATCTGAACTTCAACCAGCT}$ TTCTCAGTACACCGAGAAAGCCGATGGGGTGATTTTCCAGACTGCGGTTTAAAAAGTCAGCGCACGCGCTGCGCATAAAC GACACAATGCCCGGTGAATGAGATTCCCGGGCATTTTTTTATTTCTAAACCATCGCCGTTCCGCTGTTTTTCTCCGGTAA GGCTGCGATAATTACATCAATGGCGCAATGCGATTTCGGTGCATTGCCGGGAGCAGAGGAACACACTATGGATTACGAAT TTCTGCGCGATATTACCGGAGTGGTAAAGGTGCGTATGTCCATGGGGCATGAAGTGGTCGGGCACTGGTTTAATGAAGAG GTGAAAGAAACCTGGCCTTGCTTGATGAAGTGGAACAAGCAGCGCACCGCACTGAAAGGTAGCGAACGGTCCTGGCAACG GGCAGGGCATGAATACACCCTGTGGATGGACGGTGAAGAGGTGATGGTTCGCGCCAATCAACTGGAATTCGCTGGCGATG AAATGGAAGAGGGGATGAACTACTACGACGAAGAAAGCCTGTCGCTATGCGGCGTTGAGGATTTTCTGCAGGTCGTGGCG GCTTACCGCAATTTCGTGCAGCAGAAGTAAATAAATCTGGCGGAGCCTGGGAGCTCCGCCAGAGCCGTTAAACAGCTGGC TTCCGGTTTGGTGTGGAACATGTAGTGCTTAAGGTCGAACTCTTTAAGCAACATCTTGGTATGGAAGATATTTTCCTGAT AGACGTTCACATCCACCATGTCATACAGCGCCTTCATATCGTCAGACATAAAGTTCTGAATCGAATTAATCTCATGGTCG ATAAAGTGCTTCATACCGTTAATGTCGCGGGTAAAACCGCGCACGCGATAATCAATGGTTACGATATCGGACTCAAGCTG GTGGATCAGGTAATTCAGCGCCTTCAGCGGAGAAATCACGCCGCAGGTAGAGACTTCAATATCGGCGCGGAAGGTACATA  ${\tt AACCGCCTTCAGGATGACTTTCCGGGTAGGTATGTACGCAAATATGACTTTTATCAAGATGGCCAACGACCGTTTCTGGC}$  $\tt CTGTGGTTCGTAATCCTGGCGGGCGATGTTAAGAATATTAGCCCCGATAATGGAACAGGTTTCTGACAGGATTTCGGTCACGGTTAGGGATTTCGGTCACGGTCACGGTTTCGGTCACGGTTTCGGTCACGGTTTCGGTCACGGTCACGGTTTCGGTCACGGTTTCGGTCACGGTCACGGTTTCGGTCACGGTCACGGTTTCGGTCACGGTTTCGGTCACGGTTTCGGTCACGGTTTCGGTCACGGTTTCACGGTTCACGGTTCACGGTTCACGGTTTCACGGTTCACGGTTTCACGGTTCACGGTTCACGGTTTCACGGTTCACGGTTTCACGGTTCACGGTTCACGGTTTCACGGTTCACGGTTTCACGGTTCACGGTTTCACGGTTCACGGTTTCACGGTTCACGGTTTCACGGTTTCACGGTTCACGGTTCACGGT$  GACGGTTGGCATTATAGAGTTCATCGATATAAGCAATATAACCGTCGCGCTCTTCGGCAGTTTTGGCCGTAGCAGATATCG TAAATACAAAAACTCAGACTTTTGGTCAGATTATTAAAGCCATGCAGTTTCAGTTTTTCAATTTCTTATCTTCTCCTTA GGACGCTGTGAAGCCAGTGCGTCTTGCAGATACTGAGGTAAGGCAAAAGCTGCCGTATGGATTGCCGGATTGTAATAAC GGCATTTCAGGCCAGAGGCGAGAAAACGCGCCTGAATAATTTCGGTTGAGAGATGGCGTAAGGCGTCGTTATCTGTCGCC  $\tt CATGCAAAAGTCATGATACCGCCGTAATAGGTCGGGGATCGCCGCCTGATAAAAGCCAACGTCGCTGAAGTAATGGCTGAG$ TTTGCGATGGCTGTCGATGGCTTCTTCCTGCTGTAAAAAGCAGACGCCGTTTTGTGCGACGAAGATACCGCCAGGATTCA GGCAACGTTTGCAGCCTTCATAAAATGCCGAAGTGAAAAGGCTTTCGCCGGGACCGATAGGATCGGTGCAGTCGGAGATA ATGACATCAAAGGTCTGGCTGGTTTGATTAACGAAATTGACGCCATCGTCGATCACCAGCTTAAAGCCGCGGATCGTCGTA GCTACCGGCGTTATGGTTGGGTAGATACTGACGGCAGAACGATACGACACCCGCATCGATTTCCACCATCGTGATTGACT  $\tt CGCCATTACGCGACCAAATGCAGCGTTCTCAAAAATGATCAGATCCTGGTGATCGGTCTTTTCATGATACAGAACGTTAT$ TGTTAACACCCGTAAAAAAAGGGCGCAACATAATAGCTAACATTGACCGCGGATGCACGGTCAATATTTCTACAAAAAGG TATCAGGGATTATTTGACGTAGGCAAGCAGGCTTAAGGAATCGCGGGCCAGGGCTTTGCATTTTTTAGCGACGGGAATGC  ${\tt CAATGCCGCTGAGATCGCGGTAGCTGTCTTCACCGAGGGCTTTCATGTCGAAGGTGTCGTAATTACTGAGGTCCCACTGG}$ TTTTGCTGAGCGAAAAAGACCAGTGCGCGACGAATTTGCCCGTTAGGTAAGTTCTGGTAACCACAATCGTTCTTCAGAAA GACAAAAACTGCCGTTAAATCGGCCATATCTTCGGCTTCAGACTCGCTGAGCGCGTAACTGTTTGCGCAGACGGCCATCA GGCTGCCGAATAACACTGTTCTGAAAAACGTCTTCATTGCTTCTACCAGGGGCTTAAAGAAGATAAACGTTAGCACACTG CGTTTGATTTTGTCTTCGCCTGCTTAAGAATAAGGAAATAACTATGCAACGTCGTGATTTCTTAAAATATTCCGTCGCGCT GGGTGTGGCTTTGCCGCTGTGGAGCCGCGCAGTATTTGCGGCAGAACGCCCAACGTTACCGATCCCTGATTTGC TCACGACCGATGCCCGTAATCGCATTCAGTTAACTATTGGCGCAGGCCAGTCCACCTTTGGCGGGAAAACTGCAACTACC  ${\tt ACTGACGGAAGACACGTTGCACTGGCACGGGCTGGAAGTACCGGGTGAAGTCGACGGCGCCCGCAGGGAATTATTC}$ AAAACCGGGCGACAGGTGGCGATGGGGCTGGCTGGTGGTGATTGAAGATGACGAGATCCTGAAATTAATGCTGCCTGGATGTGATGACCGCCGCCGTGGGCTGGTTTGGCGATACGTTGCTGACCAACGGTGCAATCTACCCGCAACACGCTGCC  $\tt CCGCGTGGTTGGCTGCGCTTTGCTCAATGGCTGTAATGCCCGTTCGCTCAATTTCGCCACCAGCGACAATCGCCC$ GCTGTATGTGATTGCCAGCGACGGTGGTCTGCTACCTGAACCAGTGAAGGTGAGCGAACTGCCGGTGCTGATGGGCGAGC
GTTTTGAAGTGCTGGTGGAGGTTAACGATAACAAACCCTTTGACCTGGTGACGCTGCCGGTCAGCCAGATGGGGATGGCG ATTGCGCCGTTTGATAAGCCTCATCCGGTAATGCGGATTCAGCCGATTGCTATTAGTGCCTCCGGTGCTTTGCCAGACAC ATTAAGTAGCCTGCCTGCGTTACCTTCGCTGGAAGGGCTGACGCTACGCAAGCTGCAACTCTCTATGGACCCGATGCTCG CATATGGGGCACGCCATATGAATCATATGAACCACGGCGGGAAGTTCGATTTCCACCATGCCAACAAAATCAACGGTCA GGCGTTTGATATGAACAAGCCGATGTTTGCGGCGGCGAAAGGGCAATACGAACGTTGGGTTATCTCTGGCGTGGGCGACA TGATGCTGCATCCGTTCCATATCCACGCCACGCAGTTCCGTATCTTGTCAGAAAATGGCAAACCGCCAGCGGCTCATCGC GCGGGCTGGAAAGATACCGTTAAGGTAGAAGGTAATGTCAGCGAAGTGCTGGTGAAGTTTAATCACGATGCACCGAAAGA GTATTCGGAAATATGCCCGGATCTCTCCGGGCATTAAACTGATGACAAACGCAAATCTGCCTGATGCGCTACGCTTATCA GGCCTACGCTAGCTGTGCAATCCATTGATTTTGCACAATTTTGTAGGCTGGATAAGGCGTTCACGCCGCATCCGGCATGA ATCTTCGTACCAAATGAACCGTGACCGCCTGCGGAGATCACCACATACTGCTTACCATTCACTTCATAGGTCATTGGCGT AGCCTGACCACCCGCTGGTAAACGACCCTGCCACAGTTTTTCACCGTTGCTCATGTTGTAAGCGCGCAGGTAGTTATCTG GGAACCGGCATCGGGAACGGCATACTGTCCTGCGGCGTACCAATACGTTTCTTCCACACCACTTCATTAGTTTTCAGATC  $\tt CAGCGCCGAGATATAACCCCATGCTGGCTGTTTACATGGCAGACCAAATGGTGAGAGGAACGGGTTGAGCGTGACACCAT$  GGACCACGCGGGATCAGTTTCGAAACAAACGCCAGTGCCATTGGGTTGGCAATCGCCACTTCACGATTTGGATCAACGGA AATCCCGCCCCATTCGAACATCCCCAGGTTACCCGGGAAGACCAGCGTACCCTGTTCAGATGGCGGGGTGAAAATGCCTT AAATAACTGGCACTTTCTGACCATTAACGGTGATGTCCGCCAGCGTCGGCTGTGCCGGAAGATCCATGTCCCACAGGTCG TGGTGAACGGTCTGGTAGCTCCACGCCAGTTTCCCGGTAGTGGCATTCAGCGCCAGAATCGAGCTGGCATAACGTTCCTG TTCCGGTGTGCGGTTACCGCCCCAGATATCCGGCGTGGTCACGCCCATCGGCAGATAGACCAGATCCAGCTTCGCGTCAT  $\tt CCGGGATCAAAAGCCCACAGCAGCTCCCCGGTGTTGACATCAAAACCACGGATCACGCCAGACGTTTCGCGGGTTGAGAA$ GTTATCGGTAACTGAACCGGCCATCACGATGGTTTTATCGGTGATAATCGGTGGCGAAGTCGGTTCATACAGACCCGGTT TGGTGTCTGGCATATTGCTTTGCAGATTGAGCACGCCTTTATTGGCGAAGGTTTCGCACAGTTTTCAGCGTTA ATCGCAATCAGTCGACCATCATTGACCGGAAGAATGATACGACGCGGCCAATCCGCCATCACTTCCGGCGAAGCGGTTTCTGCTTTGGCTTCATGATAAGAGACACCACGGCAGGTTACGTGCTGGAAAGACTCGTTTGGTTTTCAGCTCAGGATCGTAAT GCCATTTCTCTTTGCCGCTGGCGGCATCAAGCGCAAACAGGCGCTGGTGAGCGGTACACAGGTAAAGGGTGTCGCCCACT TTTCAGATTATGGACGTTATCGGCGTTAATTTGTTTCAGCGGCGAAAAGCGTTGACCTTCCTGATTACGACCATAGGCAG AATGACCAGGCGACGCCAGACAAACGGCAGGATCAGCCAGATGCCGAAGAAGACCAGAATGTCGCTGCGCGGAGTCAGCG CCCAGAAGTCGAAACCAACTTCCCAGACGCCCCAAATCATGGTGCCGAGCAGCAGGGCTGCGTATAGCCAAAGCGCGGCG CGTTTACTGCGCCACAGCATCCAGGCGACGCCGAGCATCACAAGGCCAGCGATAGGGTAGTACCAGGAGCCGCCAATCGC GACCAGCCAGCCTCCGCCAATGAGTAGATACAGCCCGCAAAGCGCTGCAAAAAGGGCTGTTAGCGTGACGAGTAATCGTC TTGCGCTTTGTTGCGGTGCCAAAACCTGCCCGTGCGAAGTGATTTGTTTTTAAATCATATGGTTAGAGATATGAAACATA  $\tt CTGTAGAAGTAATGATCCCCGAAGCGGAGATTAAAGCGCGTATCGCCGAACTGGGTCGTCAGATTACTGAGCGTTACAAA$ GACAGCGGCAGCGATATGGTGCTGGTGGGTCTGCTGCGTGGCTCATTTATGTTTATGCCGGACCTGTGCCGTGAAGTTCA GGTATCTCATGAAGTCGACTTTATGACCGCCTCCAGCTACGGTAGCGCATGTCCACCACCCCGTGATGTGAAAATCCTCA AAGATCTGGATGAAGATATCCGTGGCAAGGACGTGCTGATTGTTGAAGATATCATCGACTCGGGGAATACACTGTCGAAA GTGCGTGAGATCTTAAGCCTGCGCGAACCGAAGTCGCTGGCGATTTGTACGCTGCTGGATAAACCGTCCCGTCGTGAAGT GAACGTCCCGGTAGAATTTATCGGTTTCTCGATCCCGGATGAGTTTGTGGTGGGTTACGGCATTGATTACGCACAGCGTT GGCATTTTTATTTGTGGTTGGCGTGTTTCAGCTTGAGGTTGGAAATCCCGTGACGGTAACGTTGCTCAAGGGTTTCGCGG TTGGTGGCGGTAACATCCAGATCACGCAGCAAGCCGTCGTGAATGCCGTAGGCCCAGCCGTGAATGGTAACTTTCTGCCC GCGTTTCCACGCTGATTGCATAATGGTGGAGTGGCCCAGGTTATACACCTGTTCCATGACGTTCAGTTCACACAAGGTAT  ${\tt CCAGACGGCGCTCTTGCGGCATTTCGCCGAGCAATGAGCTATGTTTGAACCAGATATCGCGGATATGCAGCAGCCAGTTG}$ TTGATAAGCCCCAGTTCCGGGTTTTCAACTGCGGCTTGTACGCCGCCGCAACCGTAGTGGCCACAGATAATAATGTGTTC AACTTCGAGTACATCCACTGCATACTGAACCACGGAAAGGCAGTTCAGGTCAGTGTGAATGACCAGGTTAGCAACATTAC GGTGAACAAGAGTTCGCCCGGCTCAAGACCGGTTAAACGTTCTGCAGGAACGCGACTGTCGGAACATCCAATCCATAGA GTTGCTGATGAGTGTATCTATGTCTTTCATGGAGGTTAACGACCTGTAACCAAATAATTACGTTTGGCTAATATAGGGCA  ${\tt AACAGCTTAAAAAAAACCTATCCAGGCGGCGTTCAGGCGCTTCGTGGGATAGATTTGCAGGTCGAAGCGGGTGATTTTTAT}$ GGTCAGCGTATTTGGTTACGATCTCGAGAAGGATGTCGTGAACGCTAAACGTCAGTTGGGACTGGTGCCGCAGGAATTTA  ATATTGAACTTCGCCGCTCAATGTGGGGCTTTTTGAAGGATTTAAACGACAAAGGCACCACCATCATTCTCACCACACAC TACCTGGAAGAAGCAGAAATGCTGTGCCGCAATATCGGCATTATTCAACACGGTGAGCTGGTGGAAAATACCTCGATGAA GGCGCTGCTGGCGAAGCTGAAATCGGAAACCTTTATTCTCGATCTCGCACCGAAAAGCCCGTTACCGAAGCTCGATGGCT ATCAGTATCGACTGGTCGATACCGCGACGCTGGAAGTTGAAGTGCTGCGTGAGCAGGGGATCAACAGCGTATTTACGCAG TATGCGTATCTGGGTGCAGACGCTGGTGCCGCCAGTCATCACCATGACCCTTTACTTATCTTCGGTAACCTGATTG GTTCGCGTATTGGCGATATGCATGCTTCAGCTATATGCAGTTCATCGTACCGGGGCTGATCATGATGTCGGTGATCACC TTTCACTGTTTTTTGTGCCATTTCAGGTGCATTCGTGGGTATTCGTTGCCTTAACGCTGGTGCTCACGGCGGTGTTGTTC TCGTTTATATGATCAGTGGTTTCCGCTACGGCTTCCTCGGTATCAATGATGTTCCGCTGGTCACTACCTTTGGCGTACTG  $\tt GTGGTCTTTATTGTGGCGTTTTATTTGATCTGTTGGTCGCTGATCCAACGTGGACGTGGTTTGCGTAGCTAAGGCTATTT$ GCTAAGGAGGAAGGCGATGTTAGGTTGGGTAATTACCTGTCACGATGACCGGGCGCAAGAGATACTGGATGCGCTGGAGA AAAAACATGGGGCACTTCTTCAGTGCCGGGCCGTGAATTTCTGGCGCGGATTAAGCTCTAATATGCTCAGCCGCATGATG TGCGATGCTCTGCATGAAGCGGACTCTGGTGAGGGTGTCATCTTCTTAACCGATATAGCCGGAGCGCCACCGTATCGCGT GGCTTCATTATTAAGCCACAAACACTCCCGTTGCGAAGTGATTTCTGGTGTCACGTTACCGTTAATTGAACAGATGATGG  $\mathtt{CTTGCCGTGAAACCATGACCAGTTCAGAGTTTCGCGAGCGTATTGTCGAACTGGGTGCCCGGAGGTGAGTAGTCTTTGG$ CACCAACAACAAAAAATCCGCCTTTCGTCCTCAAACATAATTTGTATGAGTATTAACCCGCGATTCTGATGGCGCTTTT AAGATGGTGACCGTGGGGAATATTCGGGCCGGACAAATCATTGCCGTGGAGCCCACTGCCGCAAGTTATTACGCATTTAA TTTTGGCTTTGGCAAAGGTTTTATCGATAAAGGTCATCTCGAGCCGGTTCAGGGGGCGACAAAAAGTTGAAGACGGTTTGG GCGACCTCAACAAGCCGCTGAGTAATCAGAACTTAGTTACCTGGAAAGATACGCCGGTCTATAACGCCGCCGAGTGCGGGA AGTGCGCCATTTGGGGTACTGGCGGACAATTTGCGCTACCCGATTTTGCATAAACTGAAAGACAGGTTAAATCAAACCTG GTATCAGATCCGTATTGGCGATCGACTGGCCTATATCAGCGCACTGGATGCCCAACCCGATAATGGCCTGTCGGTGCTAA  $\tt CCTATCACCATATTCTGCGCGACGAGAAGAACACCCGTTTTCGCCATACTTCGACGACCACATCGGTACGCGCTTTCAAT$ AACCAGATGGCCTGGCTGCGTGACAGGGGATACGCGACACTGAGCATGGTGCAGCTGGAAGGCTACGTGAAGAATAAGAT AACAATATGGCATGAAGGCGACGGCGTTTATTGTTACCTCACGCATCAAACGTCACCCGCAGAAGTGGAACCCAAAATCG  $\tt CTGCAATTTATGAGCGTTTCTGAGCTTAACGAAATTCGCGATGTATTTGATTTCCAGTCACATACCCATTTTTTGCATCG$ GGTAGATGGTTATCGCCGACCCATATTACTGAGCCGTAGTGAGCACAATATTCTGTTTGATTTTGCACGTTCACGCCGCG CTCTGGCGCAATTTAATCCGCATGTCTGGTATCTTTCGTATCCGTTTGGCGGATTTAATGACAACGCCGTGAAGGCAGCA ACTTTATATCTTAAGAACGGATTCGCTGGAGACGATGTCGCGGCTGGTGAGTAACCAGCCGCAGGGATAACAATCAAGCA AGCTTCTTCATCTGGCATGGTAACGAAGCTGGCGATGATGACAATATCGCCGACACTGGCGCAGTGGGCCGCCGCACCGT TAACAGAAATAATTCTCGAACCGCGTTCTGCCGCGATGGCATAAGTGGAGAAACGCTTGCCGTTGGTGACATTCCAGATA TCAATGGCTTCGTTTTCGAGAATACCGGCTGCGTCAAGAAATCCTGGTCAATGGCGCAAGAACCTTCATAGTGCAGGTC  $\tt CGCATGAGTCACTTTCACGCGGTGGAGTTTGCCCTGCAGCATCGTGCGAATCATAACTTCTACCTTTCTACCTTGTCGTT$ GCTCGGTAAACAATAAAGAGGTGGCTGACGATAGCGCGCCTTGACTGGATACTGCCTTCACGCAAAGCCACACGGAAGAC  ${\tt ACTTTCTGGAGATACATTTGCCAGTGGAATTACGCGAACTTTGTGACCTCAACACGCTTCATTTAGAGTCGGGGAGTTTC}$ ATTGAAGAGAGCCTGAAAGGACACAGCACGGACGTGCTCTATTCCGTGCAAATGCAGGGCAATCCCGGTTATCTGCATGT TGTGATTGAACACCAAAGCAAGCCGGATAAGAAAATGGCCTTTCGCATGATGCGTTATTCTATAGCCGCCATGCACCGGC ATCTGGAGGCTGACCACGATAAGCTGCCGCTGGTGGTGCCGATACTGTTTTATCAGGGCGAGGCCACACCTTATCCGCTA TCAATGTGCTGGTTTGATATGTTTTACTCGCCGGAGCTGGCGCGCGTCTATAACAGTCCTTTCCCGCTGGTGGATAT CACCATCACACCGGATGACGAAATCATGCAACATCGGCGGATTGCGATTCTCGAACTACTGCAAAAACATATTCGCCAGC CAAAACTATATGCTGCAACGCGGTCATACTGAACAAGCGGATTTGTTTTACGGTGTTGAGAGACAGGGAAACGGGAGG GGAGTCTATGATGACGCTGGCGCAGTGGTTTGAAGAGAAAGGGATTGAGAAGGGGATTCAGCAGGGAAGACAGGAAGTAA GTCAGGAATTCGCCCAGCGTCTTCTGAGTAAAGGAATGTCTCGGGAAGACGTTGCAGAGATGGCAAATTTACCTCTTGCT GAGATTGATAAGGTAATTAACCTTATTTAAGTTACCTGTGTTATGACAGATGACGTGGGGTAAATTAATAACTGGCGCCA TCAGCCGTAGCGCCAGTTAAGTATTACGCCAGCTCGACCATTTTGTTGTCGATCAGGCGAGCATCGCCAAGCCAGGCGGC TACCAGAATTACTGCCCGTTTGCTGGTTTCAGAAACTTCCAGCAATGTGTCGGCATCGCGAATCTGAATATCATCGGCGC GGAAGCCTTTTCATTCAGTTCTTGCCCCGCAATGGTAATAATTTCATCGAGATCCCGTTCCCCAGCCTGCAATTTGTCA GCAATCGAACTTAAAACTTTGTACAGACCAGGCGCAATTTTGCGTTGTTCCGCCGTCAGATAACCGTTACGGGAACTTAG TCAGCGCCAGTTGCTGAAAATCTTTTTCACCGAAGCAGGCGATGTCCGGCTGGACCAGGTTGAACAGCTTGCTGACAATA GTCGAAACGCCGCGAAAATGTCCCGGACGGCTGGCACCTTCCAGCATGGTCGAAAGGCCAGGAACGTCAACGTAAGTGTG AGTCCTCCTGCAAGGTCCGTGGATAACGAGCCAGATCTTCCGGGCCGGTCGAACTGCATCGGGTTAACGAAAATACTGACG  ${\tt CGCCACGCGCTTGCCTTCCATACGCAGGCGGCGAATTTGCTGACGCAGCAGCGGCAGGGTTTCGATAATTAACACAACGT}$ GACTCCTTAATGGAAACTGTGTTCTTCGCCCGGATAAACGCCGGACTCCACTTCAGCCATATACTGCCGCACAGCCGCGC GGATGTCGCCCGTTTCGGCGAGGAAATTTTTAGCGAATTTAGGAATGTGACCGCCGGTAATACCAAAGGCGTCGTGCATC  ${\tt ACGAGGATCTGCCCGTCAGTGACGTTGCCTGCGCCAATGCCAATAACCGGGATCGCCAGTGCTTCGGTAATACGTTTTGC}$ GCAGGCAGTTTGGTGCGCCGCGACGTACGGCGGCAGTGTGGTAGGCGATATCGGCAACGGTAACTGGCAGGGTGGAGTCG TGCCCCTGAACCGTCATGCCCAGCGAATCGCCCACCAGCATGACGTTAAGCCCTTCATCAGCAAAGAGTTTGGCGAAGCT ATAGTCATAAGCGGTGATGGTCGCGAAACGTTTTTTTTCCTGTTTGTACTTCTGCAGTAAGGAGATGGTGGTCGGTTTCA TAACGTATCCTGATAAATTGATGTTGTGCTGTCTGGCATTTTATCAGTCACATTGGTGGGGGCAATGATTTATCCGTAGC GGTTCGATAGCAATATTCCCGTCTTGCTTTAATGTTGCCTGGAAATGAAGAGGCTGTGATGTGCCGTTACCTTGATTAGG GTAAACCCCATCGGAGGTGTCATCTTCGGTTTCATAATCTATATAAACAGAATTCGTATCATTAGGTTTTAATGTCATTA AGCAGTTGTGTGTTTTGAGTACCTACTTTTCCAGTGACGAGTTTTGTTTCAATATTACGCACACGAATACAATTCTGAAG  $\tt CGAGATATCAAAGGGAACAGGTGAAGCGCCATTTTTAATTGTCCCAGAGCTATATTCTCCCATTCTAACCGTTGAACCAT$ TGACTGATGGCCCGGTAAGTATGGAGGTAAAACATGTTGGTAAGGTTAATTTGACATTATTCAGTGTGAAATTGACATAA ATGTGGTTGCTGTGATCTACAACTTTTGTACCAGGACTGTAGGCCCTTAAACGAATAAAGGTAATTTGATGAACTGGATAA  $\tt CTGGACTTGCTGATTAAGTGTAGGATCGAAATTAGTATCTGTATAAAATTCAACAGTTATGTTGTTGTACTATACCACCAA$ TCTTGGTTGGAAGGATCTCCGATATAGATTCCTGGCGATTGAATGTCAGTTATTGTATCGTATGCAGACCAGACCCTTGA TATTAACATGGTGTAATACAGACCAGGAACAGATGTATTAAATAGTTTATGTCCGCCATAATCTTTACCTGAATAGACCA TGGCATTTTCAATAGTTATTGGACCAGGATTCGCTCTGCCAGATGTATTGCAGTAAAGAATACCACCACCGGTACCTGTA  TGTGTAATTAAAGGTCATCTGTGCGGCAGTGGAGGGGCCTCGATAGTTATCAACTCCTGCATTATTTCCCACAATAAAAC GTTGACCAGATGTAACACTCAATGCAGGATCGATTTTTTGCATTCGGGTGCTAAATTTCCAGGATGAACCATTCATGTCA TCCGACATTACTGGATAAACGGAACGAGATCCGCCTGAAGCATTAAGAACATTGAATGTATTCGCCGAATCCTGAGTAGA CGCTAAGGGCTCTAAAATCAATATGTAACTGATTTAGCACATCGCCAGTTCCCTGTAATGCACAGTCGGATACAGTGATA GTGAACTCTTTTCCACCTGGTTGATAACTTTCAGGAGTAACATTACCTGAAAAATATCCCACCCCAACGACGCCAAGATC AATATTACCCTGGTTACTGATTCCGCTTTTGCAGGTGCTGTTTTTTACATTGGCAACAAGGTCAATATCCTGTCCAGCAA TGGCTGGACAGGCGATGCAAAACAGTAATGACAGAAACAGAATTATTCTCTTCATCAGCTTACGTTGAGTGGGATGCATA TATAGTTCCTGAATCTGTAAGTCTGTTAGTTATAGGTTACTGTAAATGTGGCTGGTGCAGAAAACTTACCCGCAGTGACA TTGTTTACGGTTTTATTTTTTCCACGACCAGGCGTGCACTCATCGGATAATAAACGACCGCATTGGCTGCAGTGGAGAT
TGTTACCTCTTGTGATGCTGGTGTTACACAGCTAAATTGTGTTGCACTCCCTGTTGCCGGAGTTACAGTGCTCCAGACTT  $\tt GTGGCTCGCTTGGTTAATTTTATTTGCGCTTTTTTATTGGGGATACCCGCACAGTCTTTGAATTTGAATTTTGAATGTTTT$ TACTTTGGTCTTGGCATTGATTTCAGAAATATATACATCACCAAAAATCAACAACAGAAATGTCCTGATCAGAGTCATTTA  ${\tt ACGCTGAACAATGAGGCAGCCAAAACGACACTGCTGGATAATCCATAACGTAAATTTTTAAATGTCATCATAATTATCCT}$ TCTTATTGATAGATGAAATTAAACGTCGCCAGTGCACGAAAATTCCCCGGTACGCCTTGCCCTGCATCTGTTTCACGTAG  ${\tt CGCAACGGTCATTTCAAGACCCTTATCGGGCTGCATCTCGTCTGTGCTCCAGCGTATCTTTTCCGCACTGTTAGGTTTAAGTTAAGTTA$ GGAAAGTGGCATCATCAGTAGTCCGTTTTTTGAAACCCATACCGATATTACTTGTCGTCGAAGATGAATCACCAGACTGC GGTATAATAAGCTTAGGTGAGCTTGATGCATTTCCGGTCAGAGTGGTATCAATCCAACTGATGCCACTGCTGCACCC ATGTGTAGTTATTGCCATCATTCGTGACGTTATTACCAGTAAGTGTGATGTTACAGGTTGTCGCTTTGACAGTGGCT GTAAACTCTACATTAATATCCGTTGCAAATACTGAGGGTGATAATAATATTCCCATCAGTATCACTATTTTATGTGGCGT TGTTTTTATCATTTGACGTCCCTTGTAGTTACTGAATCTGACACCGAATTCCATTCAGAATAATAGATTGTGCTATTTTT  $\mathsf{TCTGCTTCTGGGCTTTGTTGATAATGCGCAAGACAACTTACGGGTTTACTTTGTTCGAGCCATTTAATGCTGATATTTCC$ CTGCTGCTCAATACCACGAACAATGCTTGTCCACCCTGTCCAACATTACCAATGACATTGCCTTGCTCATCATAAATAT CTGCAGCAAATGGAATATTTTTACCATCACTTCGTGTGATGTTCATAATGGCTGATTGCCCTTGCACGGTTTCAAAATCA GCAAAGACGACTGAACCCTGACGCGGTACAGCTACTGCACTGGTACTTTTTAATTCAACATCGTTCTCAAGATCGTTGAT CATAATTTATTCGCGCTCCTTGAGCACCTGGAGCCTGAACTACCGCCAGTGTATCGGAGTCGCTAAAACTATCATTACTG AAAGTCAGTCCACCGCTATGCAATACAAAACCACCGTCGGTGCTGAGAGAAACTTGACGGCTGTTATCGCTATTTGCAGA AATTGAACCTGCCAGCGTTCCCCATGGTGACTCATAGCTGGCATAACCCCCAACATAACTCAAATCTTTGCTGGCTTTAT TCATCGTATAGCCAGTATTCACGCTATAACTGACGCGAGCGTTATCGCTATAGCCACTGCTACCGTTGAGTTGGTTA TTACCCTTAAAGTCACTGCTTATTTGAGTATCAATACTCTGGAAACCTGAAGTACGTTGTTCAGTGCCAAGTAATTTTTC AATTGGAATGGTGAAACTAAGATAAACGCTATCGTCAGTGTCGCCGTCTTCATTCCATGAACGCTGGGCACTGACACTGT  ${\tt AGCTGCCCCAGGATGTACTGTTACTGTAGCCAATAGAGTAATTGCTACGATTTTGTCCGGAAGCCCAGTAATCGGACCAA}$ CATTAAGACCAAGGTAATTCTGTGTCGAATAGCGATAGGCCGCGATATTCAGTGAAGTACTTGTTTCTTCGAATAACTTG TTCCAGGAAACACGATAACTTTGCCCCTGGTATGTTTTATCATCCGGGATACGAACATTGGAATGAGTCACATCGAAAGA AAATGCACCAACTGAAGTATTCAGACCAAGACCTAACAAACCAGCGGTATAGTTATTATCGGTTATCTGAATACCGGTAT  ${\tt ACCTGACCGCCGATAATATCCCAACGTCCAACGCCAGGGCGTAACATTTGAACAACGGATGAGAAAGGTTGCGAGAATGT}$  ${\tt CCGCTTTGAGCCATCGGATTCTTCGATGGTAACAATAAGATCGCTGCCGTACCCTGACGGACTCAGATCATCAATGACGA}$  $\tt CCATGAATGATAGGCGCAAAGCTGGCTAAAGTCGGAGGCAACATGCGGCTGTCACTGTATAAACGAATGCCTCGGATACT$ 

GACGGAATCAAAGGTTTCGCCCGTCGTATAAGACTCACCAAGAATGAGTTGAGAACGCAGCGAGGCGATATCACGCTGAA CATACCGATTCTTAAAATCATAATTACTGCCAGAATCGGTCATCCAGTTGTAGTTGCCCGAGGCACGCAGTCGCCATGCA  $\tt CCTAAATTCATCCCACCGTTAAATGCAGCATAAATGCTTTCATTTTTTCGACCAGGGGTTTCACTATGATATCCGTTGAG$ GTTGTATGACAACATGGCCGCATTAATGCCGTTTTCCCATAACGATGGATCAACATAGTTTTGGTAATTTTTCATTACCC  ${\tt AGGCTTGAGGAACGTCTATATCCAGACGTTGATCGTTAACGTCATAACGAACAGAAGCCTGAGGGATAATTTCCGTCAAA}$  $\tt CTGCAATAAATTCTTTAATGTGATACAAGCCTGGGCGTTCTTTTTTCCTTCAATTGCGACAAATGTAATACTTTGGTTAATGTAATACTTTTGGTTAATGTA$ TGATTGGTTGGTCGTTTACATAAACACTGACGTCGTAAACACCCGGTATAGCGGGGTTACCTTCACTGTACCGGCTGAGA TCAATATTAGATGCATTCTGCCCCATCAGGAAGGTATGGTCATATTCAACGAGTTCAGCACTGAAAGCAGTATTGCAATA  ${\tt CAGCAGCGCGCAAAACGTGGCGATACGGGTCAGATGATGATAATTTTTAGTATATTCTATAGTCACGCTATGCTTCCTGC}$ GGAATTATATCCTTGCCTGATTACAGCCTGGCATTACCTTCAATTGCGCCACCAAAGTCATTAATGGCGTAAAAATGCAC TTTTGCAGAATTCGCTTTGCCATTAAGGCCATTGACTTTCATGACCTCATCACTAAATGGTGCAATCATTTTCACATCAA GCGATAGAAAAGTTTTATACGTGTGCGAAATGCCAGTTGCAGCAGGCTTTGATTCGCGACCTTTTCTGCATCTGGTTTTG ATTGTTTGCCCACGTTTGGCATCAATACGCGATACTGGCGGCGTAGCAGTAAAAGGGACTGTAATACTGCCAGGCTCAGC TTTGATCGCTTTTATATATTACGCGAGTACCCGAAATGACAATGTCCGCAATAGACGATGAACTAAAAGCCATACAGGTT GCAGTGTTAGTTTTACATAACCAGCAGTTGCTGTTTGGTCTGCGACGGCACGAACGTAAGACGCTTTAAAATCATAAAC CATCAATATTGTGTAGAGCGATATTAACGCCGTCAGATGGGTTGTTAATAGACATGTCGTTGTTCAAAGTCCCTTTGCTG TTACCAAAGAAAACAGAACCGAAGGTCATTTTAGCCGTGCTACCTGGATTCGGATTTGCTTTGCTGCAGTCAACGGTGAT GCTGAAAGGTTTAGCCTCTAGCGCCAACGGTGTCATTCAGTACGCCAGCATCGATTTCACCAACGGTTGCGGTTTGCAGCA GGATCAGACCATCCTTGTTACCGCCGTCAACGCGGGTTTCACAGGTGTTATCAACAACCAGACCACTGATATTTAACTGA  $\tt CCGCCGTCCATATCAGCAGAAGCAGTACCTGCAACCATCGCCAGCATAAGACCAGACAGGGCAAAACCTAATTTTTTAGA$ CATAAAAATCCTTTAATAAAATTCCATTAGTCAGACTACATGTTTGAAGAATGACTATTCATGACACAAATAGGAGAAAC AAATGTTAGATATTAATGAGCAATGATATTTGTTACCCAAATTTACAACCATTGTTCATTAGGTCGCCTATTGTGCACTT TAGAAGCTTTTGAACAAATTAAATTTACTTAATTCAAAATTAAGTAAAAATAAGTTCACAAGTGCAATTGGTTAGGGTAT AAATCCACGATTCTTCATATCGTAGTGCGGAACGGTCAGGCGTTCAGTATTTATCACTTCATTACCAAACAGCATGATGT AGTAGCTCTTCAGGTGCAAGAGAGGTTTCCAGCGCCACGGCTGCGTTTAAGTAATCGGGTTGATCTTGCGGCCCCAGCGG  ${\tt TGGGGTGCGGTAAAACGAAGAACGGTAAGAATGTGGCTTTCAGGGGTATCGCCTAATGCTTTCAGGGCAGCATTGACCT}$ GCTCCAGCGGAGAGGCCAGATTGCTGCCTATGGCAATATACGCCACTGTCATGCGGTACCCTCACGACGTGGTGCGCGTT GAAACCTGGAACTCACCCCACCATTTCACCAGACGCTGCAGTTCAGCGTTACGCTCAACTTCAGCTCGCAAGGCCAACAG GTCATAAGCCGCACGGAACTTAGGATGCTCCAGCAGTTTCCATGCGCGTTTACCCTGACGACGGGACATACGCAACTGCA GAACATGGCGGCAAACAGGAACGCCGGGTTCACGCGCATATCGTTATGGATACGCGTATCGGTATTCTTCAGCACCTGTT CAATGATCCGCTCCATCGGGCTGTCGCCATTTTCCGTGAAGTAGCGGGTAATGGTCGGGAACAGCGGCTGGAACAGATGA TATTCACACACACGCTTATAGGTTTCGTAACCGTAGCCCGCTTGTAGCAGTTTAAGCGATTCTTCAAACAGGCGTGCCGG 

ATCGCGGCGCTGGGCGTCTTCTTCGATGGAGCCGAAAATGTTGTCGCGCAGCAACATGCCGTTTTGCCCGCGTTGGGAGG TCGTGCGGTCGCTGACGTTACCTTCGTGGTGTCCACGGAAGGTCGCAACTTCGATAATCTCCGGGCCAAACATTACATGA TGAGCCTGTACATTACCTTCAGGGCATTTTCACTGATATCTTTGCGGGAAATAGCATGCTGCTCACGCGGGATCACCGTC AAAAATAGTACACCTCGGTAGTGTCAAACATCATTCAGGACAAAAAAATAGCGGCTAATCATAGCTCAGCATGACGCATT CGACGCTGAAATCCTGCCAGTGTGCTTCTGCCTGCTGCCCCAGAAATTGAAGTGCCGCGATTAGTACCGGGCGTGGATCG  $\tt CCTTTCGGCAACGCAGGCGCATGATTCTGCTTGGAAAGTTTAGCGCCTTGTGGATTAAGCGCCAGCGGCAGATGAATGTAGCGCCTTGTGGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCTTGTGGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCTTGTGGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCTTGTGGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCGCCAGCGCAGATGAATGTAGCAGCAGATGAATGTAGCAGCAGATGAATGTAGCAGCAGATGAATGTAGCAGCAGATGAATGTAGCAGCAGATGAATGTAGCAGCAGATGAATGTAGCAGCAGATGAATGTAGAATGAATGTAGAATGTAGAATGTAGAATGAATGAATGAAATGTAGAATGAATGAAATGAAATGAATGAATGAA$ ATCTGGCACTTTCCAGCCAAAAAGCTGGTACAGCGAGATTTGCCTTACTGTTGGTTCAATCAGATCAGCCCCACGCACTA AAATCTTCCCGTGCCAGTTTTTCGTCGGCGTGAATAATGCCGCGCAGCTGGTCAGTAAATTGCGTGACCGGATGCTGCTG GCGGATACGCACTGCGGCGTTGTCTGGTCCATGATGCAACACCCGGCAATGACCGTCGTAAATACCGCCAATGCTTTGAA TACGCGCACGCGTACAGGTGCAGTAATAACTTAGTCCTTGTTCATGTAACCAGGCGAGTGCTTCACGATAGGCGTCGTGA  ${\tt CAATTTCAACACCGCAGGATTCGCAGTAGCCGAAATCTTCGTCTTCCACTTTTTTCAGCGTCTTCTCGATCTTTTTGATC}$ AGCTTACGCTCGCGATCGCGGTTACGCAGTTCGAGGCTGAACTCTTCCTGGGCTGCACGGTCTACCGGGTCCGGGAA GTTGGCTGCTTCATCCTGCATATGTGTAACGGTGCGATCGACTTCATCCCTGAGTTGATTACGCCATGCTTCCAGAATAC GACGGAAGTGCGCCAGCTGGGCTTCATTCATATACTCTTCGCCCGGCTTCTCCTGATATGGTTCCACCCCAGCGATGGCG AGAATACTCAGGGACGATGTTTTACGGTTTTGCCCTTCTTGCATGTTGCTTCTCCTTAACACGCACTATCGATCCCCATG TTCGGGGGAAAAATGAGGCCGCTATAAATAGCAGATGCTTTTCCGGATAGCAATTATCTAAACGTAACACTTGACAACTG GATTTTTTAAGAGCCATGCCTTCAGCAGAAATTTCCGCTTTGTAAGCCAGAATTTCTACCCCCCTCTGTTGAGCTTCTGA  ${\tt CAATAGTTGCGCGTATTTCTCATCGATGTGGCGCGCGGGTGAAAACCGTGTAATGGCTGAATGCAGCACGGCGAAAAAGA}$ TAACCGCACGCTGGCCTTCAGCCGCTACGCTCATCAACTCCCGAAGGTGTTTCTGACCTCGTTCAGTGACCGCATCGGGA AAATATCCCTGTTCGCTCCCCTAACGTAACCGATTTCACTTCAATATAGCAGTCTGGACGCGAATCCGCCTGCAACAT AAAGTCAATACGGCTGCGTTCTGCGCCGTATTTTACTTCGCTTTTCAGCGGAGCTATAGCCTGACAGTTCTGAAATTGATT AATTCCCAGGTGTGTGGGTATTTCCGTTTGGTGTTGTCTGAAGTCGAATACCAGACGGTATCGCCAGGCGTTGCACAACC GGTCATCGCACCCGTATTCGGGCAGTGTAGCGTTAATTCGCGACCATCGGGTGTGATCACATCGGCTAAAAAACGTTTGT  ${\tt AACGCTGAATTAGCGTCGCGCTGTAGAGGGGGGAGAAAATTCCATTGCGACAATCCTTGTTATTGCGTTAGCGCCCAGC}$ GTTTTAGCGGCGTGTAGCGTCCACCGGGCAAACGAGGAGGCGTAAAGGGTGAACTCCGTCACCGCATACGACCAG TTAAAACCTGGCGGCGGATTGTCACCGCCTCGCTGGCGTCGCGCAATAAGGTAATATGTGGATGAAACGGACGATTGCT TTGAAAACAACCGCTGCGGGCAGCCTGTGAACGGAGCATATTCGCCAGCTGGATTAAGCCGCGTGGCGGCTGACGCATCC GCTAAAAGAGAAAGCGCCTTCTCTTTCTCGGCGCTCACTTCGCCTAAAAATGCCAGAGTCAGATGCAAATTATCGGCGGC GACCGGACGTCCCGCCTCAGGTGGGAAGTGTGTGGCGCCCAATGGATAATCTGTTCGCGGATTTCTGCAGGTAAGTCGA TAGCAAAGAACAGACGTTGCGGTTCAGACATGTGAGGCACTCGGTTATGAATTACCGCGATGCTACAATGTGGCGCGAAG TGCGCCGCAGGTATTATTAAGTGCGCCGACCGGGGCCGGGAAATCAACCTGGCTGCCGCTGCAACTGCTGGCGCATCCCG  TACCGAAGGCGTGCTGACGCGCATGATCCAGCGTGACCCGGAACTGAGCGGTGTTGGACTGGTGATCCTTGATGAATTTC ATGAGCGCAGCTTGCAGGCGGATTTGGCGTTGGCGCTGTTACTCGATGTCCAACAAGGTCTGCGTGATGACCTTAAACTG CTCGTTTCCGGTTGAACGCCGTTATTTACCGCTGCCCGCGCATCAGCGTTTTGACGATGCCGTTGCGGTAGCCACCGCTG AAATGCTGCGTCAGGAAAGCGGATCATTACTGTTATTTTTACCTGGCGTCGGAGAAATTCAGCGTGTGCAGGAACACTG GCTTCGCGCATCGGCAGTGATGTATTGCTCTGCCCGCTGTATGGCGCGTTGTCGCTGAACGATCAGCGAAAAGCGATCCT  ${\tt CCCGGCACCGCAAGGGGATGCGCAAAGTGGTGCTGGCGACCAATATTGCTGAAACCAGTTTAACCATTGAAGGTATTCGTC}$ TGGTGGTGGATTGTGCCCAGGAGCGTGTGGCGCGTTTTGATCCGCGCACGGGGCTTACGCGACTGATTACTCAACGCGTT AGCCAGGCATCCATGACGCAGCGTGCCGGGCGCCGGCGTCTGGAGCCGGGTATCAGCCTGCATTTAATCGCCAAAGA  $A {\tt CAAGCAGAACGCGCCGCGCGCAAAGTGAACCGGAGATCTTACAAAGCGATCTTTCCGGTTTGCTGATGGAATTACTGC}$ AATGGGGATGCAGCGATCCGGCGCAGATGAGCTGGCTGGATCAACCGCCAGTAGTGAATCTACTGGCCGCGAAACGTCTG TTACAAATGCTGGGGGCACTGGAGGGTGAACGGCTTAGTGCGCAAGGGCAAAAAATGGCAGCGCTGGGTAACGATCCGCG TTTAGCGGCAATGCTGGTTAGCGCGAAGAACGACGACGAAGCTGCTACCGCGGCAAAAATTGCCGCCATTCTCGAAGAGC  $\tt CGCCACGGATGGGCAATAGTGACCTGGGCGTGGCGTTTTCGCGCAATCAACCAGCCTGGCAGCAACGTAGTCAGCAACTGGCAGCAACTGAACTGGCAGCAACTGGCAGCAACTGGCAGCAACTGGCAGCAACTGAACTGGCAGCAACTGAACTGGCAGCAACTGAACTGGCAGCAACTGAACTGGCAGCAACTGAA$ TTAAAACGCTTAAACGTGCGGTGGCGGTGAGGCAGACAGTTCGCTTATCGCGCCCCTACTTGCCGGGGCGTTTGCCGATCG TAAGCCGCCACGAATGGTTGATCGCACCGTTATTATTGCAGGGCAGCGCCTCGCCGGATGCGCGGATTTTACTGGCGCTG AGGTACGCTGAAAGCCTGGCGTCGGCTACAAATCGGTCAGTTGACGGTGAAAGTGCAGCCGCTGGCGAAACCGTCAGAAG  ${\tt ACGAGTTGCATCAGGCGATGCTTAATGGCATCCGTGATAAAGGTTTAAGCGTGCTCAACTGGACGGCGGAAGCGGAACAG}$ AGCGCTGGAAACGTGGCTGCCACATATGACTGGCGTACATTCACTACGCGGCCTGAAATCACTCGACATTTATCAGG CACTACGCGGATTACTTGATTGGGGAATGCAGCAACGTCTGGATAGTGAATTGCCTGCGCATTACACTGTGCCGACGGGA GAGATTTGAGCGACTTCTGGAAAGGAGCGTACCGTGAGGTGCAAAAAGAGATGAAAGGGCGTTATCCCAAACATGTCTGG GAGAGGGCCGGGGTGAGGGCATCAGCGCGCACGTTCACCCTCACCCTAACCCTCTCCCTCAAGGGAGAGGGGACCGATCG AGCACAAATTTTGAGAGATATCTTCTTCTGTCTTGTAACAGAAGAACAGAAAATCGGGCTTTTGCGCCTGAATATTGCGG  ${\tt CCGTCGTCGTTACGAAGATGACGATGATTACGACGATTATGATGACTATGAGGATGAAGAACCGATGCCGCGCAAAGGTA}$ GGCAGTTTATGGCCGAATGGTCAATCTTGAGCCAGACATGACCATCAGCAAGAACGAGATGGTGAAGCTGCTGGAGGCGA  ${\tt CCCAGTATCGTCAGGTGTCGAAAATGACCCGTCCTGGCGAATTTACCGTGCAGGCCAACAGCATTGAGATGATTCGCCGT}$ AGCAGCGTCTGTTTGTGCCGCGCAGTGGTTTCCCGGATTTTGCTGGTGGATACTTTGCTGGCGACAGAAGACCGTCATTTT TACGAGCATGATGGAATCAGTCTCTACTCAATCGGACGTGCGGTGCTGGCAAACCTGACCGCCGGACGCACGGTACAGGG  $\tt CTTACATGGCGCTGATCATGGACGCGCGTTACAGCAAAGACCGTATTCTTGAGCTGTATATGAACGAGGTGTATCTCGGT$ AGCGACGTAATCTGGTGCTGCTGCTGCAACAGCAACAGATTATTGATCAAGAACTCTATGACATGTTGAGTGCCCGT AAAACTGGGCGATAAGGTAAAAGATCTCTCCGGCGTGAAGATCTTCACTACCTTTGACTCGGTGGCCCAGGACGCGGCAG  $\tt AAAAAGCCGCCGTGGAAGGCATTCCGGCACTGAAGAACAGCGTAAGTTGAGCGATCTTGAAACTGCGATTGTGGTCGTC$  GACCGCTTTAGTGGTGAAGTTCGTGCGATGGTCGGAGGTTCTGAGCCGCAGTTTGCGGGCTACAACCGTGCGATGCAGGC  $\tt CGTGGATTGCGCCAATTGCGCTGCGTCAGCCGAATGGCCAGGTCTGGTCACCGCAGAATGATGACCGTCGTTAT$ AGCGAAAGCGGCAGAGTGATGCTGGTGGATGCGTTGACCCGTTCGATGAACGTGCCGACGGTAAATCTGGGGATGGCGCT GGGGCTGCCTGCGGTTACGGAGACCTGGATTAAACTGGGCGTACCGAAAGATCAGTTGCATCCGGTTCCGGCAATGCTGC TGGGGGCGTTGAACTTAACGCCAATCGAAGTGGCGCAGGCATTCCAGACCATCGCCAGCGGTGGTAACCGTGCACCGCTT GCAGGCGGCGTATCTGACACTATGGACCATGCAGCAGGTGGTACAACGCGGTACGGGTCGTCAGCTTGGGGCGAAATACC GTGACCATCACCTGGGTCGGCCGTGATAACAACCAGCCGACCAAACTGTATGGTGCCAGCGGGGCAATGTCGATTTATCA GCGTTATCTGGCTAACCAGACGCCAACGCCGCTGAATCTTGTTCCGCCAGAAGATATTGCAGATATGGGCGTGGACTACG GAGATGCAGCAGCAGCCGTCAGGCAATCCGTTTGATCAGTCTTCTCAGCCGCAGCAACAGCCGCAACAGCAACCTGCTCA GCAAGAGCAGAAAGACAGCGACGGTGTAGCCGGTTGGATCAAGGATATGTTTGGTAGTAATTAACATCTAAGCGTGAAAT ACCCTTCAGGAACGCTCAGATTGCGTACCGCTTGCGAACCCGCCAGCGTTTCGAATATTATCTTATCTTTATAATAATCA TTCTCGTTTACGTTATCATTCACTTTACATCAGAGATATACCAATGGCGCGTTCCAAAACTGCTCAGCCAAAACACTCAC TGCGTAAAATCGCAGTTGTAGTAGCCACAGCGGTTAGCGGCATGTCTGTTTATGCACAGGCAGCGGTTGAACCGAAAGAA GACACTATCACCGTTACCGCTGCACCTGCGCCGCAAGAAGCGCCATGGGGGCCTGCTGCAACTATTGCGGCGCGACAGTC TGCTACCGGCACTAAAACCGATACGCCGATTCAAAAAGTGCCACAGTCTATTTCTGTTGTGACCGCCGAAGAGATGGCGC TGCATCAGCCGAAGTCGGTAAAAGAAGCGCTTAGCTACACGCCGGGTGTCTCTGTTGGTACGCGTGGCGCATCCAACACC TATGACCACCTGATCATTCGCGGCTTTGCGGCAGAAGGCCAAAGCCAGAATAACTATCTGAATGGCCTGAAGTTGCAGGG  $\tt CAACTTCTATAACGATGCGGTCATTGACCCGTATATGCTGGAACGCGCTGAAATTATGCGTGGCCCGGTTTCCGTGCTTT$  ${\tt ACGGTAAAAGCAGTCCTGGCGGCCTGTTGAATATGGTCAGCAAGCGTCCGACCACCGAACCGCTGAAAGAAGTTCAGTTT}$  ${\tt AAAGCCGGTACTGACAGCCTGTTCCAGACTGGTTTTGACTTTAGCGATTCGTTGGATGATGACGGTGTTTACTCTTATCG}$  $\tt CCTGGCGTCCGGATGATAAAACCAATTTTACCTTCCTTTCTTACTTCCAGAACGAGCCGGAAACCGGTTATTACGGCTGG$ TTGCCGAAAGAGGGAACCGTTGAGCCGCTGCCGAACGGTAAGCGTCTGCCGACAGACTTTAATGAAGGGGCGAAGAACAA  $\tt CACCTATTCTCGTAATGAGAAGATGGTCGGCTACAGCTTCGATCACGAATTTAACGACACCTTTACTGTGCGTCAGAACC$ TGCGCTTTGCTGAAAACAAACCTCGCAAAACAGCGTTTATGGTTACGGCGTCTGCTCCGATCCGGCGAATGCTTACAGC AAACTTCTCCGTTGATACCCAGTTGCAGAGCAAGTTTGCCACTGGCGATATCGACCACACCCTGCTGACCGGTGTCGACT  $\tt CGTTTATGTTCAGGATCAGGCGCAGTGGGATAAAGTGCTGGTCACCCTAGGCGGTCGTTATGACTGGCCAGATCAAGAAT$  $\tt CTCTTAACCGCGTTGCCGGGACGACCGATAAACGTGATGACAAACAGTTTACCTGGCGTGGTGTTTAACTACCTGTTT$ GATAATGGTGTAACACCTTACTTCAGCTATAGCGAATCGTTTGAACCTTCTTCGCAAGTTGGGAAGGATGGTAATATTTT  ${\tt CGCACCGTCTAAAGGTAGCAGTATGAAGTCGGCGTGAAATATGTACCGGAAGATCGTCCGATTGTAGTTACTGGTGCCG}$ TGTATAATCTCACTAAAACCAACAACCTGATGGCGGACCCTGAGGGTTCCTTCTTCTCGGTTGAAGGTGGCGAGATCCGC GCACGTGGCGTAGAAATCGAAGCGAAAGCGGCGCTGTCGGCGAGTGTTAACGTAGTCGGTTCTTATACTTACACCGATGC GGAATACACCACCGATACTACCTATAAAGGCAATACGCCTGCACAGGTGCCAAAACACATGGCTTCGTTGTGGGCTGACT GCTAACTCCTTTAAAGTGGGAAGTTATACGGTCGTGGATGCGTTAGTACGTTATGATCTGGCGCGAGTCGGCATGGCTGG  $\tt CTCCAACGTGGCGCTGCATGTTAACAACCTGTTCGATCGTGAATACGTCGCCAGCTGCTTTAACACTTATGGCTGCTTCT$  $\tt GGGGCGCAGAACGTCAGGTCGTTGCAACCGCAACCTTCCGTTTCTAATTTCTCTTTTTGGGGCACGGATTTCCGTGCCCAT$ TTCACAAGTTGGCTGTTATGCAGGAATACACGAATCATTCCGATACCACTTTTGCACTGCGTAATATCTCCTTTCGTGTG  $\tt CCCGGGCGCACGCTTTTGCATCCGCTGTCGTTAACCTTTCCTGCCGGGAAAGTGACCGGTCTGATTGGTCACAACGGTTC$ TGGTAAATCCACTCTGCTCAAAATGCTTGGCCGTCATCAGCCGCCGTCGGAAGGGGAGATTCTTCTTGATGCCCAACCGC TGGAAAGCTGGAGCAGCAAAGCGTTTGCCCGCAAAGTGGCTTATTTGCCGCAGCAGCTTCCTCCGGCAGAAGGGATGACC GTGCGTGAACTGGTGGCGATTGGTCGTTACCCGTGGCATGGCGCGCTGGGGCGCTTTGGGGCGGCAGATCGCGAAAAAGT GGGCGTGGATCGCCATGCTGGTGGCGCAGGATAGCCGTTGTCTGTTGCTCGACGAACCGACCTCGGCGCTGGATATCGCC  $\tt CACCAGGTTGATGTCGTTGTCGTGTGCACCGTTTAAGTCAGGAGCGTGGCCTGACGGTCATTGCCGTGTTGCACGATAT$  ${\tt CAATATGGCGGCACGCTACTGTGATTATCTGGTCGCCCTGCGCGGGGGTGAAATGATTGCTCAGGGAACGCCTGCGGAAATGATTAGCTCAGAAATGATTGCTCAGGAAATGATTGCTCAGGAAATGATTGCTCAGGGAACGCCTGCGGAAATGATTAGCTCAGAATGATTGCTCAGGGAACGCCTGCGGAAATGATTAGCTCAGAATGATTGCTCAGAATGATTGCTCAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGAATGATTAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGCTCAGAATGATTAGAATGAATGATTAGAATGAATGATTAGAATGAATGAATGATTAGAATGAA$ TTATGCGCGGCGAAACCCTCGAAATGATTTATGGCATCCCGATGGGTATTTTGCCGCATCCGGCGGGTGCTGCACCTGTG AGTTTTGTTTATTGATGAGCGGCTTACCTCTTATTTCGCGCCCGTCGACTGTTAACCGCCGATGGCGCTTTCTCCCGTTGTTA TGGCAGATGAATACCGCCCACGCGGCGGCTATTGATCCCAATCGTATTGTGGCGCTGGAGTGGTTGCCGGTGGAATTACT GCTGGCGCTCGGCATCGTGCCTTACGGCGTGGCGGATACCATCAACTATCGCCTGTGGGTCAGCGAACCACCATTGCCGG ACTCAGTGATCGACGTCGGTTTGCGCACAGAACCTAACCTTGAACTGCTGACCGAAATGAAACCATCGTTTATGGTCTGG  $\tt TCGGCAGGATATGGCCCTTCACCAGAAATGCTGGCTCGTATTGCGCCGGGTCGCGGATTTAACTTCAGTGACGCCAAACA$ GCCGTTGGCGATGGCGCTAAATCGCTGACGGAAATGGCAGATTTACTTAACCTGCAAAGCGCAGCGGAAACGCATTTAG  $\tt CGCAATATGAAGACTTTATCCGCAGCATGAAACCCCGCTTTGTGAAGCGTGGTGCGCGTCCGTTATTGCTGACGACGCTT$ ATCGATCCGCCCATATGCTGGTCTTCGGTCCAAACAGCTTGTTCCAGGAAATTCTTGATGAGTACGGCATCCCAAATGC TCTGTTTTGATCACGACAACAGCAAAGACATGGATGCGCTAATGGCAACGCCGCTGTGGCAGGCCATGCCGTTTGTCCGC TAACGCCATCGGAGGTAAAGCGTGAGTAAACGAATTGCGCTTTTCCCGGCGTTATTGCTGGCGCTGTTAGTGATTGTCGC TACGGCGCTCACCTGGATGAACTTCTCGCAGGCGCTGCCGCGTAGCCAGTGGGCGCAGGCTGCCTGGTCGCCGGATATTG TTGTTGGCTTAATTGTCTTTGGCGTCGCGTGGGGGAAACGGCTGTCGCCGGTAACGCTGATTCTCGCGGGGTTGGTAGTG AGCCTTTATTGCGGCGCAATCAATCAGTTACTGGTTATCTTCCATCATGACCAACTGCAAAGCATGTTTCTGTGGAGCAC TGGAACGCTGACGCAAACCGACTGGGGCGGCGTTGAGCGTTTATGGCCGCAGCTGCTGGGCGGTGTGATGCTGACGTTGC TGCTACTTCGTCCGTTAACCCTGATGGGGCTTGATGATGGCGTGGCGCGCAATCTCGGGCTGGCCTTGTCGCTTGCCGCGT  $\tt CTGGCAGCGCTGTCGCTGGCGATTGTCATCAGTGCGCTGCTGGTGAACGCTGTGGGGGATTATCGGCTTTATCGGGTTGTT$ CGCGCCGCTGCTGGCAAAAATGCTGGGGGCGCGCGTCTGCTGCCACGACTGATGCTGGCGTCGTTGATTGGTGCGCTGA ATCGGTGCGCCGCTGCTACTGTGGCTGTTGCCGCGTTTACGCAGCATTAGCGCGCCGGATATGAAGGTCAACGATCGTGT ATTATGGCGGCGCTGTTTGCGGGCGTCATGCTGGCGGTGGCGGGCTGTATTATTCAGCGACTGACCGGAAACCCGATGGC TTTTCCCCACACCGTATGTTACTGGCGGGGATGGCGTTAAGCACCGCGTTCACCATGCTTTTGATGATGTTGCAGGCAAG  $\tt TGCCACACGTAATTTCGGCGCTGGTGGTGGTTTACTGCTGGTGTTCGCTGACTGGTGTGGGCGGATGGTGCTGTTT$ TTAATTTTTCCATATAACGGCCCTGTACGCCTGGACGGATAAAGCGTTTACGCGACAACGGATGCCCGATGCGACGCTGG ATCACAACTTCGCAAACACCCGACGTGCAGCATCGATGGTGTTATTGATATCTTCCATGCTGTGCGCCACGGACATAAAG  ${\tt CCCGCTTCAAACGCTGACGGTGCCAGGTAAACACCTTCGTCCAGCATCATATGGAAGAAACGCTTAAAGCGTTCCACGTC}$ ACAGGCCATCACATCCTGATAGCACGTCACGGACTCGGCGTCGGTAAAGAAAATACCGAACATGCCGCCAACGTGGTTAA CGACCAGCGGAATTCCGGCTTCTTCTGCCGCTTCCAGCAGACCTTCTGCCAGACGTGTTGTCAGCTCATCCAGCGTTTCG TGAACGCCCGGCTGCGCACTTCATTCAGACAGGCGAAACCCGCTGCCATCGCAATCGGGTTACCGGAAAGCGTACCCGC CGATGATTTTGCCGAGGCAGGTTAAATCTGGCACTACGCCGTAATAATCCTGTGCGCCAGCTAGCGCTACGCGGAAACCG GTACAGAAGCCAGATCATTATAAGTACAGGTTAAGGTATATTTGGCGAAATCTGCCGGAACGCCCGGCGAGTTTGGCTGG  ${\tt CCTAACGTGAGTGCGCCAGAACCGGCTTTCACCAGCAGCAGTCAGCGTGACCATGGTAACACCCTTCAAATTTAATAAT}$ TTTGTCGCGACCGGTAAAACCACGGGCCAGGCGGATGGCGCTCATGGTCGCTTCAGTGCCGGAGTTCACCATGCGCACCA CGCTCGGCGGCTTCAATCACGGCATTGCGGATTGCCGGATGGTTATGGCCCAGCACCATCGGCCCCCAGGAACCGACATA ATCGATATAGGCTTTGCCATCAACATCGTACAGATAAGCGCCGTCCGCTTTTTCGATAAACAGTGGAGTGCCGCCCACGC CAGTAAAGGCGCGAACAGGGGAGTTCACACCGCCAGGGATCAGCTCGCGCGCTGCGCTGTAAAGATTTTCAGACTTACTC ATGGAGGGTTCCTGATTCGTAGAAAAAGTGAATGGCTGCTATTCTATGTTATTCATAACAAGTTAAATACTCGTCAAACA TCAGGCTGCTTGTACTGGTGCAATCCTGATTTCTTAGAGTATAAAAGTTTTGTGCATTTGAAACATTACGCTTTGCAAAG GATTTTCATGGAACGTGCGAGTAAAATGCCGTCATCTTATTTGTATGACCAATAAGTGATCATTGGATGAAAACTGATAC TCCCTCTTTAGAAACACCGCAGGCCGCGCCTGCGACGACAACTGATTCGCCAACTTCTTGAGCGCGATAAAACCC TGGTTGCAGAACCAACGTATGGGGGCGCTGGTACATACTGCTGATAATTATCCGCTTCTGTTAACCGTCGCTTTTCTCTG TTGAAGGGGCGCTGGAAGATCAACGTCCCGTTCGCTGGTGGCGTGTATTGCCGGTGAAGTTCTTTGGCGGGCTGGGGACA  $\tt CTCGGCGGAGGCATGGTGTTGGGGCGGAAGGGCCAACCGTGCAGATCGGCGGTAACATTGGCCGTATGGTGCTTGATAT$  $\tt CGCCGCTGGCGGGTATTTTGTTTATTCGAAGAGATGCGTCCGCAGTTTCGCTATACGTTAATTTCGATTAAAGCGGTA$ TGATGCGCCGCTTAATACGCTGTGGCTTTATCTGATCCTCGGTATTATTTTTTGGCATTTTTCGGCCCTATTTTTAATAAAT GGGTGCTGGGGATGCAGGATTTGCTGCACCGTGTGCACGGCGCAATATTACCAAATGGGTGCTAATGGGCGGTGCGATT GGCGGTCTGTGTGGATTGCTGGGGTTTTGTGGCACCAGCAACGTCGGGCGGCGGTTTTAACCTGATTCCTATCGCTACCGC TTTCCGCAATATCACCTTGAGGCGGGACGTTTGCTATTGCCGGAATGGGGGCATTACTGGCGGCATCTATTCGCGCGCC GTTAACGGGGATCATTCTGGTTCTGGAGATGACCGATAACTACCAGCTCATTTTGCCAATGATTATTACCGGTCTTGGCG CAACACTATTAGCGCAATTTACCGGCGGGAAACCGCTATACTCGGCGATTCTTGCGCGCACGCTGGCAAAACAGGAAGCT GAGCAACTGGCGCGAAGCAAGGCCGCATCAGCCAGCGAGAATACTTGAACGAAATACCAGGGTATTAGATAATGGCGATT ATTATTGGGTTAGAATTTGCCCAATTGCCGATGTCGTTTGGAGCAAAATATGAGTGATGACGTAGCACTGCCGCTGGAGT TTACCGACGCAGCAACAAAGTTAAAAGCCTGATCGCTGACGAAGATAACCCGAATCTGAAATTACGCGTGTATATC  ${\tt ACCGGTGGCGGTTGCAGCGGCTTCCAGTATGGTTTCACCTTTGATGATCAGGTGAACGAAGGCGATATGACCATCGAAAA}$  ${\tt ACAGGGCGTTGGCCTGGTGGTTGATCCGATGAGCCTGCAATATCTGGTCGGCGGTTCCGTTGATTATACCGAAGGTCTGG}$  ${\tt AAGGTTCTCGTTTCATCGTGACCAACCCGAACGCGAAAAGCACCTGCGGTTGCGGTTCTTCCTTTAGTATCTAATCTGTT}$ AGATGCCAACGAATAGCCGCCAGCCGAATCAATAGCGTCACGACCATGCCCATCATACTGGCTGTTTCCAGTGGTACGGA AAATGTGTAATAAGCCGTAGCGTGGACAATACCGCCGATAATACAGGCAGTTGCGTAGATTTCTGTACGTAAAATCATGG GGATTTCGCGGGCCAGAACATCACGAATGATCCCGCCGCCAACGCCAGTAATGACGCCCATACAAACCGCGATTAACGGA  ${\tt CCGGCTTCCGCATTAAAGGCTTTATTCACGCCAATGCCGACAAACACCGCCAGACCAACGGCGTCCAGCACCGGCAACAT}$ GATCTTTCACCCAAAATACCGGGCCGTGATCCAGCGCCATGTCGCGAATTGTCCCGCCGCCTACTGCGGTTACCACGCCC AGTACCAGAACACCAAAAGGGTCCATACGCAATTTTCCGGCTAACAAAACGCCGGAGATGGCAAATACCGCTGTGCCGAC TATATCCAGCCAATAGACGAGCATTGTTCAATCCCCACTGAGCACCTGAAAAGGTCAGGCGCTAATCTACCTGTGAAAAGC

GCATTACAGAGCTGTTGTGCAGCGAGGATAATACGTGGGCTTGCACGTTCAAACCAGTCACTCGTGAGAGGAATAACGGG AATTTTGAGCTGTTCACCCCAGTATTGTTTGATTTTAGGAATTTGGTCCGGTCCGCCTGTAATGACAATCGCCTGTGGCG AGCGTGCTAACACCTGTTCGCGGCTAACTTGCGGCCAGGGAACCCGGCTGTCTTTAAAGATGTTTTCTCCGCCACAAACT TCGAGTACCTGGTTCTGAATCGACTCTTTTCCACTGGTAAATGGCGGATTAATGCCGAATTGCAGAAAAACACGTTTTTT AGGTTTATCAGCATATTGCGCTTTCAATTGCGCGTACTGATCCAGCAGGGATTGCGCGGCTTGTTCGGCCTTGTCTGGTT  ${\tt GCGGACTCCAGGGGGCCAGTTGACGTAACGCATTGGCAATTTGTTCAATGCTTGTCGCATCGACCCACATCACTTTTATT}$  ${\tt AATGCGTTCCAGATTCATCCCCTGCCAGGTGGAAACCTGCTCAATCTTTTGCGCTTGTGGAGGATAGTCGGAATAGCTGC}$ TTGAGCCACAGTGGCGCAAGAAAAGACAGGGCGACCAGCGCCCTGAACAGTGACTTAGCCATGTGCAAGTTTCTGCACCA GTGACTCAACCATCAGGCTGGACTGTTTAGCGGCAACAGCCAGGAACTCATCGAAGCTAAGATGAGACTGTTGATCGGCC TACAGCAATGGCCTGTGGGAAGTTGTGGCGGATTTTCGCCAGACCAACAGAACCGTTGATGAAAGCGTCGCCGCTAACAA TCAGGCCACGTACAGCGTTAAGATTCAGTTCGGCAATGCAGGCCTCAGCGGCAGCGATCAGTTTATCGTCAGCTTTAAAG GACAACGATATCGCCCACTTTCAACGTTGGTGCCAGGCCACCGGCAGAACCGGTGTTAATAATCACATCTGGCTTGCAGT GTTCCAACAGCAAAGTGGCACCCAGCGCCGCAGCGACTTTACCGATGCCCGATTTCAGAAGCGCAACCTCGGTTCCATTC  ${\tt AGTTGGCCGGTATAGATTTCGCAACCGCCGAGACTGATAGTTTGACGGTTTTCGATTTTGTCACGCAGCGTAACTTC}$ TTCTTCCATTGCACCAATGATGCCGATTTTCATAGATTTACTCGCGATAAGCCCGATTTGAAGGCATAGTTTACCATGCG TTACCGTTCACCGCAGGGCGTTAAAACCGAACATGAGATCCTGCGGATCTTCGAGAGCGATCGCGGGCGTATCATCAACT CACTCGATGGAAGTCCAGCAGGTGGGGCGCTACATCGCCAAAGAATTTTAAGCCGTCTGAAAGAGCTTAAATTACTGGA AGCATACGGCCTGGATGAACTGACCGGTCCCTTTGAAAGCATTGTTGAGATGTCATGCCTGATGCACGATATCGGCAATC GATTCGTCAGGACTTATGTCATTTTGAGGGGAATGCACAAGGCATTCGCCTGGTGCATACATTGATGCGGATGAATCTCA  $\tt CCTGGGCACAGGTTGGCGGTATTTTAAAATATACCCGTCCGGCGTGGTGGCGTGGCGAAACGCCTGAGACACATCACTAT$ TTAATGAAAAAGCCGGGTTATTATCTTTCTGAAGAAGCCTATATTGCCCGGTTGCGTAAAGAACTTAATTTGGCGCTTTA CAGTCGTTTTCCATTAACGTGGATTATGGAAGCTGCCGACGACATCTCCTATTGTGTGGCAGACCTTGAAGATGCGGTAG TCGCTGGTGGTTGAAAATGCCTGGGAAAAATCACGCTCAAATAGTTTAAGCCGCAGTACGGAAGATCAGTTTTTTATGTA GAACGTTTAATCATGCATTATTGGAAGATGCCAGCGAATGCAGCGATCTTCTTAAGCTATATAAAAATGTCGCTGTAAAA TCCTTTATTAAGCCTGTCGTTATCAGACTTTACTGAACTGGTAGAAAAGAACGGTGAAACGTTTCCCTATTGAATCGC GCTTATTCCACAAACTCTCGACGCCCATCGGCTGGCCTATGTCGAGGCTGTCAGTAAATTACCGTCAGATTCTCCTGAG TGAATACCGACGTCTGATGGCCGTAGAACAATAACCAGGCTTTTGTAAAGACGAACAATAAATTTTTACCTTTTGCAGAA ACTTTAGTTCGGAACTTCAGGCTATAAAACGAATCTGAAGAACACAGCAATTTTGCGTTATCTGTTAATCGAGACTGAAA TACATGAAAAAACCACATTAGCACTGAGTGCACTGGCTCTGAGTTTAGGTTTGGCGTTATCTCCGCTCTCTGCAACGGC GGCTGAGACTTCTTCAGCAACGACAGCCCAGCAGATGCCAAGCCTTGCACCGATGCTCGAAAAGGTGATGCCTTCAGTGG TCAGCATTAACGTAGAAGGTAGCACAACCGTTAATACGCCGCGTATGCCGCGTAATTTCCAGCAGTTCTTCGGTGATGAT GCAACAGAAATTCATGGCGCTGGGTTCCGGCGTCATCATTGATGCCGATAAAGGCTATGTCGTCACCAACAACCACGTTG TTGATAACGCGACGGTCATTAAAGTTCAACTGAGCGATGGCCGTAAGTTCGACGCGAAGATGGTTGGCAAAGATCCGCGC TCTGATATCGCGCTGATCCAAATCCAGAACCCGAAAAACCTGACCGCAATTAAGATGGCGGATTCTGATGCACTGCGCGT  $\tt GGGTGATTACACCGTAGCGATTGGTAACCCGTTTGGTCTGGGCGAGACGGTAACTTCCGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGCGCTGGGGCGAGACGGTAACTTCCGGGGATTGTCTCTGGGCGGAGACGGTAACTTCCGGGGATTGTCTCTGGGCGAGACGGTAACTTCCGGGAGACGGTAACTTCCGGGAACGGTAACTTCTGGGCGAGACGGTAACTTCTGGGCGAGACGGTAACTTCTGGGCGAGACGGTAACTTCTGGGCGAGACGGTAACTTCTGGGCGAGACGGTAACTTCTGGGCGAGACGGTAACTTCTGGGCGAGACGGTAACTTCTGGGGCGAGACGGTAACTTAACTTCTGGGCGAGACGGTAACTTCTGGGCGAGACGGTAACTTCTGGGGAGACGGTAACTTCTGGGGAGAACGGTAACTTCTGGGAGAACTTCTGGGGAGAACTGAGAACTTCTGGGAGAACTTCTGAGAACTTAACTTCTGGGAGAACTGAACTTTCTGGGAGAACTTAACTTTCTGGGAGAACTTAACTTTCTGGGAGAACTTAACTTAACTTCTGGGAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTAACTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTAACTTAACTTAACTAACTTAACTTAACT$  GTAGCGGCCTGAATGCCGAAAACTACGAAAACTTCATCCAGACCGATGCAGCGATCAACCGTGGTAACTCCGGTGGTGCG  $\tt CTGGTTAACCTGAACGGCGAACTGATCGGTATCAACACCGCGATCCTCGCACCGGACGGCGGCAACATCGGTATCGGTTT$ TGCTATCCCGAGTAACATGGTGAAAAACCTGACCTCGCAGATGGTGGAATACGGCCAGGTGAAACGCGGTGAGCTGGGTA TTATGGGGACTGAGCTGAACTCCGAACTGGCGAAAGCGATGAAAGTTGACGCCCAGCGCGGTGCTTTCGTAAGCCAGGTT AGGTTAACGTGAACCTGGAACTGCAGCAGAGCAGCCAGAATCAGGTTGATTCCAGCTCCATCTTCAACGGCATTGAAGGC GCTGAGATGAGCAACAAAGGCAAAGATCAGGGCGTGGTAGTGAACAACGTGAAAAACGGGCACTCCGGCTGCGCAGATCGG GCAAACCGTCTGTGCTGGCACTCAACATTCAGCGCGGCGACAGCACCATCTACCTGTTAATGCAGTAATCTCCCTCAACC CCTTCCTGAAAACGGGAAGGGGTTCTCCTTACAATCTGTGAACTTCACCACAACTCCATACATCTTCATCATCCTTTAGG GATACCAAAATGGCGCAGGATATCGTGGCACGTACCATGCGCATCATCGATACCAATATCAACGTAATGGATGCCCGTGG GCGAATTATCGGCAGCGGCGATCGTGAGCGTATTGGTGAATTGCACGAAGGTGCATTGCTGGTACTTTCACAGGGACGAG GAAATTGTCGGCGTAATTGGCCTGACAGGTGAACCAGAGAATCTGCGTAAATATGGCGAACTGGTCTGCATGACGGCTGA GCTATTGTTGAGGTCGACAGCGGTCAGCTTGGCGTGGACAGCGCAATGGCGGAGTTACAACAACTGCAAAACGCGCTGAC  ${\tt TACGCCCGAGCGTAATAATCTGGTGGCGATTGTCTCGCTAACCGAAATGGTGGTGTTGAAACCGGCGTTGAACTCTTTTG}$ GGCGCTGGGATGCAGAAGATCATCGTAAGCGAGTTGAACAACTGATTACCCGCATGAAAGAGTACGGCCAGCTGCGTTTT GGGTAAACAGCGGATGCCAGAAAGTCGCTGCTATTTTTATCAGGATCTGATGTTACCTGTGTTACTCGACAGTTTGCGTG GCGACTGGCAGGCCAACGAACTGGCGCGACCGCTGGCGCGGCTGAAAACGATGGACAATAACGGCTTGCTGCGACGAACG CTGGCGGCGTGGTTTCGCCACAATGTGCAACCGCTGGCAACGTCAAAGGCGTTGTTTATTCATCGTAATACCCTGGAGTA  ${\tt AATGCCCGAATTAACCGTCAGTTCGGGATTATTTACGCGTTAGTTTTTCCAGATCGGCTTCAATCTCGCTGATCTTATTG}$ GTTACGACTGACTCCAGGTGACGTAAGTCGTCGAGGATCTTACGCTTAAGATCAACTTCGCTGCGGTCACGCTGGCAGAT TTGATCAAGCTCATCAATGATATACCGTAGATTCGGGCTGATTTCCTGGACTTCTTTATAACCCTGACCCACACCATCAG  $\tt CGACGACCGTTTTACGCTGACGCGGATATTTAAACTTAACGCTCTTGGCGAAAAACTCGCCTTTGTCTTTCTGGAAATAG$ ATTTTCAGAATATCGTTGTTGGCTTCCTGCCGGAGGCTGTAACGATCAATTTCTTCAGGATTGGTAATACCCAGACTTTT CGACTGTGATCGCAGAAAGCCTTTTTCTTCCAGACTTCTATCATGGCGTAAAAAATCAAAAAATTACCTGCTTTATTCTGG TGATAAAATTCACGATCTACACCAGTTCCAGCATCGTTACTTCCGGGCGGCAGTTCAGACGCAAACCATACAAACTGCCC AGGTTCACCAACCAACGGTACGCGCAGTTGCCCGCCGTGAGTATGGCCGCACAGCATCAGATCCCAGGGTTCATCACGCA  $\tt CCGGCCCATAAGTCACCAGTGCCTACCAGTTCGAATTGCCTGTTCGGCGTGGCGATCACCGTAGCCTGGTTAAACAACAC$ AGGCAAACGTCGGCGCACATTCGGCAAGGGGGGGAGAGTACGTCACTAAACGCCGAAAAATTCAGCGACATATCAAATAATAACAAAACGAGAGTAATGGAGATCGGCCAGAAAAAGAATTTTGAATGGTGCTGCGTTGTCTTTAAAAAAGGCGAGGCGGT GACGGATTAATTCAAACCAGCCTGGCTCACAGTAATGCATATAACCGAAACCTGAGCTCGTGGCTATCGTCGCGGCAGTA GCCTGCAAAAATCGGCGGCGTGAAATCATCGCTCATCCCTGCAAAAAAATCGGGCAGCGTCGTGCTGCCCGTGTGCATAC TTTTAGTCGATGGTACGCAGCAGTTCGTTAATGCCGACTTTGCCGCGAGTTTTCGCGTCAACTTTCTTAACGATAACCGC ACAGTAGAGGCTGTATTTGCCATCTTTTGACGGCAGATTACCTGAAACAACCACAGACCCCGCCGGAACGCGACCGTAGT GGATTTCGCCGGTTTCACGGTCGTAAATACGGGTGCTCTGACCAATGTATACGCCCATGGAAATGACGGAACCTTCTTCG ACAATCACCCCTTCAACCACTTCAGAGCGCGCGCGATGAAGCAATTATCTTCAATGATGGTTGGGTTAGCCTGCAGCGG TTCCAGCACGCCGCCGATGCCCACCGCACAGGAAGGTGGACGTTTTTACCAATCTGCGCACAAGAACCGACGGTCGCCC AGGTATCAACCATGGTGCCTTCATCAACATATGCGCCGATGTTGACGTAAGACGGCATCAGCACGGTGTTACGGGCAATA TTTCATCGGCACTTTGTCGAAGTAGCGGCTTTCTGCCCCTTCGATCACCTGATTATCATTAATACGGAAAGAGAGCAGCA TTCAATAATGTTCTGTAACTGCTGCATTGTTAAACTCTTTTCATATCAGTAAACACATCACCCTTTATCGTTTGGATTGA GGGCCTCTGTCAACCGCTGATGCACTTCCTGCTGCAACTCGTTATTAAGCGCACGCCGGTCAGCGGTGGCAATTATGAAT AAATCTTCTACTCGCCCAATGGTTGTAATTCGGGCACCATGAAGCGAAATTCCCCAGATCGGCAAAAATTTTCCCGAC ACTTGCTCCAGACCAAACCGAATAACCTCATGACGATCTGCGGACAGCGGGTTGCCATCGGGTTCCAGCACGATAAAGGT ATCCATCGCCATACCGTCGCGAGTGGTGAAAATTTGTGCGTCGTGAACACTTAAATTGCGGCGGTCTAATTCGGCACAGA ACCAGCGGTTTGCTTAAATCATGCTGTAATAAATGGCGGGCATGCCAGGCCAGTTGATTTTGGGCTATGGCGGACAAAATA GTTAGCACGACAGCGTGACCAAATTTGGTGCAGCGCCTCTTCGTCGATGTTATCCATGCGCAGTAGTGCCAGTGCCTGGA GTTGGTGATGGCGAACCCGTTCGCGCATATCCGGCGTGTTTTGCATTCCGCGTCGTAGCTGCTTTTCGGTGGCAAAGTAG AGCTCACGCAACAGACTTTGCTTCCAGCTATTCCACAGCGTTTCGTTGGTGGCGCAAATGTCAGCCACAGTCAGGCATAC  $\tt CAGATAGCGCAGACGATTTTCCGTTTGCACTTCTTCGGCAAACTGCTTGATGACTTCCGGGTCCTGAATATCGCGGCGTT$  $\tt TCGGCAAAATGCACTACATCCTGAGCACCGAGAATGGAGTGGTCGCCGCCGCGTCCTTTGGCGATATCGTGAAACAGCGC$ TGGCAAAACTCTCCAGTTTCAGCATCACGCGGATAGTATGTTCATCCACCGTGTAGGCGTGGAACAGATCAAACTGCATC TGCCCGACGATATGCGACCATTGCGGCATATACGCGCCCGAGCACGCTATGGCGATGCATTGGCAATAGCCCGCGCCGCAC CGCTCCGGGGTGACGCAGAATGCTCAAAAACAGTTTTCGTGCTTCCGGAATATTACACAGCGGTTGTTGCAGATGGCGAC  $\tt GGGCATGGCGTAACTGGCGCAGCGTGGTGGAGTAAATGCCGGTGATCGCACTGTTGTGCACCATGGTGTAGAACATACGC$  ${\tt AAGATGGCTTCCGGCTGGCGCATAAATAGTGTTTCATCACGCAGGTCGATTAGCGTACCGCGTAGCTGAAACTCATCGTC}$ GATTGGACGTGGTTTTTCGTCGGCGGGAAGGGCGAGGATGGCTTCATCGAACAGTTGCAGCAGCATCTGGTTGAGTTCAC TGACGCGGCGTGTAACGCGGAAGTAATCCTTCATCATCCGCTCGACCGGTTCGTTACCTTCACCACTGTAATTCAGACGC TGGGCGACGCTAAGCTGGCGATCGAATAACAGGCGATTATCGTAACGGCTGACGACCAGATGCAGGGCAAAGCGAATACG ATGTTGCGCCAAAATGACGGCGGGCCACCCATTGCAGAGTGTGGATATCGCGCAAGCCGCCAGGGCTGCTTTTGATGTCTGGTTCAAGGTTGTAGCTGGTGCCATGGTAACGCTGATGGCGCTGGTTCTGTTCTTCAACTTTCGCCGCGTAGAACTTGTC GGAAGGCCAGAATCCTTCGCTGAAAATATGTTTTTGCAGTTCGAGGAACAGCGCAACATCGCCAATTAATAAGCGGGATT CGATTAAATTGGTGGCGACGGTTAAATCCGATAACCCTTCCAGCATGCACTCTTCAAGCGTGCGCACGCTATGACCGACT TCCAGCTTTACATCCCAGAGCAGCGTTAACAGCTCGCCCACTTTTTGCGCCTGATCGTCCGGGAGCTTTTTACGGCTTAA  $\tt AATCAGTAAATCGACGTCTGAAAGTGGATGCAGCTCGCCACGACCGTAGCCACCGACGGCGACCAATGCCAGGTCGGCAA$ GCAGAGATCCCATTGTCAAAGGCATCACCCAGCCAACGCTGGAAAGTATCGATATGGGCTTTTATCCCACCGACGGTTAA TTCATCACGGGGCCAGACGCATGGATTTTGCGGTTGACCGGGCAGGGTGGGGAGAGCGGTGTTTGCGTACTGTTCTGGAA GGGTATTCATTGTGCGCCACCCATAAGATTAAATTATCGCATTAAAAAAGCCGGCATTCGCCGGCTTCATCTTATTCGTC GTGCGAGATTATCGCCGGGATGGTGTCATCCTTGCGTAGCGTCAGAATTTCGCAGCCGTTATCAGTCACCACAATAGTAT GCTCATATTGTGCAGACAAGCTGCGATCTTTGGTTTTTACCGTCCAGCCATCTTTCATGGTGCGGATCTCTTTTTTACCC ATTTCTGAATCGCCGCACCGATTTCGCCGCAGATTAATGCCTGGTTTTACCATGCGTAGCGCCAGGTACAGGCTTTCTTGC GTGATGCGGCACAGACGTTCGCCCATGATGGTCGGCTTACCGACGATAAACATTTTCGAGGTATCGCCGTGGAAACCATC TTTGATTACGGTGACATCAATGTTAACGATATCGCCATCTTTCAGCAGCTTAGCATCGTCCGGGGATACCGTGGCACACCA ATGTAATCATTACAGATGCGATCCAGCTCGCCGGTGCTGACGCCCGGTTTAACATACGGTTCGATCATCTCCAGCACTTC AGCGTCGGTGATACCGACAATATATATGTAAGTGCCGTCAATGGTATCACACCCGGGCAAATTGAGAATCATTCTGAATT TCGCCAAACGTGCCACTGAAGGTTTTCTATAATAGAAAATTCGACGTCTGATGCTGTACACAGCGCCAACAATTATTGGT GTCCACGACGTATTTGTGGTATAAAGCGCGCCGGACTTCCGATCCATTTCGTATACACAGACTGGACGGAAGCGACAATC TCACTTTGTGTAACACACACACGTATCGGCACATATTCCGGGGTGCCCTTTGGGGTCGGTAATATGGGATACGTGGAGG  $\tt CATAACCCCAACTTTTATATAGAGGTTTTAATCATGGCAACTGTTTCCATGCGCGACATGCTCAAGGCTGGTGTTCACTT$  ${\tt CGGTCACCAGACCCGTTACTGGAACCCGAAAATGAAGCCGTTCATCTTCGGTGCGCGTAACAAAGTTCACATCATCAACCC}$ TTGAGAAAACTGTACCGATGTTCAACGAAGCTCTGGCTGAACTGAACAAGATTGCTTCTCGCAAAGGTAAAATCCTTTTC GTTGGTACTAAACGCGCTGCAAGCGAAGCGGTGAAAGACGCTGCTCTGAGCTGCGACCAGTTCTTCGTGAACCATCGCTG GCTGGCCGGTATGCTGACTAACTGGAAAACCGTTCGTCAGTCCATCAAACGTCTGAAAGACCTGGAAACTCAGTCTCAGG GGTATCAAAGACATGGGCGGTCTGCCGGACGCTCTGTTTGTAATCGATGCTGACCACGAACACATTGCTATCAAAGAAGC AAACAACCTGGGTATTCCGGTATTTGCTATCGTTGATACCAACTCTGATCCGGACGGTGTTGACTTCGTTATCCCGGGTA GCTTCCCAGGCGGAAGAAGCTTCGTAGAAGCTGAGTAATAAGGCTTGATAACTCCCCCAAAATAGTTCGAGTTGCAGAA AGGCGGCAAGCTCGAGAATTCCCGGGAGCTTACATCAGTAAGTGACCGGGATGAGCGAAGATAACGCATCTGCGGC ${\tt GCGAAATATGAAGGGGGGAGAGCCCTTATAGACCAGGTAGTACACGTTTGGTTAGGGGGCCTGCATATGGCCCCCTTTTTCC}$ ACTTTTATATCTGTGCGGTTTAATGCCGGGCAGATCACATCTCCGAGGATTTTAGAATGGCTGAAATTACCGCATCCCTG GCTGGCAATCGAAAACATGCGTAAGTCCGGTGCTATTAAAGCAGCGAAAAAAAGCAGGCAACGTTGCTGACGGCGTGA TTCCAGGCGTTCGCAGACAAAGTTCTGGACGCAGCTGTTGCTGGCAAAATCACTGACGTTGAAAGTTCTGAAAGCACAGTT CGAAGAAGAACGTGTTGCGCTGGTAGCGAAAATTGGTGAAAACATCAACATTCGCCGCGTTGCTGCGCTGGAAGGCGACG TTCTGGGTTCTTATCAGCACGGTGCGCGTATCGGCGTTCTGGTTGCTGCTAAAGGCCGCTGACGAAGAGCTGGTTAAACAC ATCGCTATGCACGTTGCTGCAAGCAAGCCAGAATTCATCAAACCGGAAGACGTATCCGCTGAAGTGGTAGAAAAAGAATA AGTTGCTGCGATGTCCAAGCAGTCTTAATTATCAAAAAGGAGCCGCCTGAGGGCGGCTTCTTTTTGTGCCCATCTTGTAA  ${\tt ATTCAGCTAACCCTTGTGGGGCTGCGCTGAAAAGCGACGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCATTTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCAATTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCAATTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCAATCGTTGACAGTACAATGTCGCTAGTATTAATTCAATCGTTGACAGTATTAATTCAATCGTTGACAGTATAATTCAATTCAATTCAATCGTTGACAGTATAATTCAAT$ CTCAGGAAAGAACATGGCTACCAATGCAAAACCCGTCTATAAACGCATTCTGCTTAAGTTGAGTGGCGAAGCTCTGCAG GGCACTGAAGGCTTCGGTATTGATGCAAGCATACTGGATCGTATGGCTCAGGAAATCAAAGAACTGGTTGAACTGGGTAT TCAGGTTGGTGTGTGTTGGTGGGGGTAACCTGTTCCGTGGCGCTCTGGCGAAAGCGGGTATGAACCGCGTTGTGG GCGACCACATGGGGATGCTGGCGACCGTAATGAACGGCCTGGCAATGCGTGATGCACCGCGCCTATGTGAACGCT  ${\tt CGTCTGATGTCCGCTATTCCATTGAATGGCGTGTGCGACAGCTACAGCTGGGCAGAAGCTATCAGCCTGTTGCGCAACAA}$  $\tt CCGTGTGGTGATCCTCTCCGCCGGTACAGGTAACCCGTTCTTTACCACCGACTCAGCAGCTTGCCTGCGTGGTATCGAAA$ TTGAAGCCGATGTGGTGCTGAAAGCAACCAAAGTTGACGGCGTGTTTACCGCTGATCCGGCGAAAGATCCAACCGCAACC ATGTACGAGCAACTGACTTACAGCGAAGTGCTGGAAAAAGAGCTGAAAGTCATGGACCTGGCGGCCTTCACGCTGGCTCG TGACCATAAATTACCGATTCGTGTTTTCAATATGAACAAACCGGGTGCGCTGCGCCGTGTGGTAATGGGTGAAAAAGAAG GTTATAAGGCGTTATTGTTGCAGGCAGTTTGGTCACGGCCAGCGCGCAGCAACCGGAGCGTACAAAAGTACGTGAGGATG GCGAGCACTGCCCGGGGCCAAAATAGCAAATAAAATAGCCTAATAATCCAGACGATTACCCGTAATATGTTTAATCAGGG GATATCAGAAAAGATGCTGAAGTACGCATGGACAAATGCGTAGAAGCGTTCAAAACCCAAATCAGCAAAATACGCACGGG  TAACGGTAGAAGATTCCCGTACACTGAAAATCAACGTGTTTGATCGTTCAATGTCTCCGGCCGTTGAAAAAGCGATTATG GCGTCCGATCTTGGCCTGAACCCGAACTCTGCGGGTAGCGACATCCGTGTTCCGCTGCCGCCGCTGACGGAAGAACGTCG TAAAGATCTGACCAAAATCGTTCGTGGTGAAGCAGAACAAGCGCGTGTTGCAGTACGTAACGTGCGTCGTGACGCGAACG A CAAAAACGCCGCTCAGTAGATCCTTGCGGATCGCCTGGCGGCGTTTTGCTTTTTATTCTGTCTCAACTCTGGATGTTTCATGAAGCAACTCACCATTCTGGGCTCGACCGCTCGATTGGTTGCAGCACGCTGGACGTGGTGCGCCATAATCCCGAACA  ${\tt CCGTAATGGACGATGAAGCGAAACTTCTTAAAACGATGCTACAGCAACAGGGTAGCCGCACCGAAGTCTTAAGT}$ GGGCAACAAGCCGCTTGCGATATGGCAGCGCTTGAGGATGTTGATCAGGTGATGGCAGCCATTGTTGGCCGCTGCTGGGCT GTTACCTACGCTTGCTGCGATCCGCGGGGTAAAACCATTTTGCTGGCCAATAAAGAATCACTGGTTACCTGCGGACGTC TGTTTATGGACGCCGTAAAGCAGAGCAAAGCGCAATTGTTACCGGTCGATAGCGAACATAACGCCATTTTTCAGAGTTTA TGGCCCTTTCCGTGAGACGCCATTGCGCGATTTGGCAACAATGACGCCGGATCAAGCCTGCCGTCATCCGAACTGGTCGA  $\tt TGGGGCGTAAAATTTCTGTCGATTCGGCTACCATGATGAACAAAGGTCTGGAATACATTGAAGCGCGTTGGCTGTTTAAC$ TGAAGCCGCTCGATTTTTGCAAACTAAGTGCGTTGACATTTGCCGCACCGGATTATGATCGTTATCCATGCCTGAAACTG GCGATGGAGGCGTTCGAACAAGGCCAGGCAGCGACAGCATTGAATGCCGCAAACGAAATCACCGTTGCTGCTTTTCT TGCGCAACAAATCCGCTTTACGGATATCGCTGCGTTGAATTTATCCGTACTGGAAAAAATGGATATGCGCGAACCACAAT GTGTGGACGATGTGTTATCTGTTGATGCGAACGCGCGTGAAGTCGCCAGAAAAGAGGTGATGCGTCTCGCAAGCTGAGGA TAATCCGGCTACAGAGAGTCGCGCTATTTGTTAGCGTAGGGCTTCAGTGATATAGTCTGCGCCATCTGATCGTAAGTAGT  $\tt CCTGTCAGGGAATAAAAAACGCGTGATGTTGTCTGCTACTCAACCACTTAGCGAAAAATTGCCAGCGCATGGCTGCCGTC$ ATGTTGCGATCATTATGGACGGCAATGGCCGCTGGGCAAAAAAAGCAAGGGAAGATTCGTGCCTTTGGGCATAAAGCCGGG GCAAAATCCGTCCGCCGGGCTGTCTCTTTTGCGGCCAACACGGTATTGAGGCGTTAACGCTGTATGCCTTTAGTAGTGA TGCACCGACATAACGTGCGTCTGCGTATTATTGGCGATACCAGTCGCTTTAACTCGCGTTTGCAAGAACGTATTCGTAAA TCTGAAGCGCTAACAGCCGGGAATACCGGTCTGACGCTGAATATTGCGGCGAACTACGGTGGACGTTGGGATATAGTCCA TGGCAAATTGCCTATGCCGAACTTTACTTTACAGATGTTCTCTGGCCCGATTTCGATGAACAAGACTTTGAAGGGGCCGTT AAATGCCTTTGCTAATCGAGAGCGTCGTTTCGGCGGCACCGAGCCCGGTGATGAAACAGCCTGATGGGGGTCGCTTTTGC TGAAGTATCGCCTGATATCTGCTTTTGTGTTAATACCCGTCGTCATCGCGGCGTTGTTTCTGTTGCCGCCGGTGGGGTTC GCCATTGTAACGCTGGTGGTCTGCATGCTGGCAGCGTGGGAATGGGGACAGCTTAGCGGTTTTACCACTCGTTCGCAGCG AGTATGGTTGGCGGTGTTATGCGGGGTTATTGTTGGCGCTGATGCTTTTTCTGTTGCCGGAATATCACCGAAATATTCATC TCCGCAGCAATCTGGCGTAACTCTAAAACATTGCGCCTTATTTTTTGGCGTGCTAACCATTGTTCCCTTCTTCTGGGGCAT GCTGGCGTTACGGGCCTGGCACTATGACGAGAATCATTACAGTGGCGCAATATGGCTGCTCTATGTCATGATCCTGGTAT GGGGCGCTGACTCCGGCGCATATATGTTTGGCAAATTGTTTGGTAAACATAAGCTGGCACCGAAGGTTTCTCCGGGTAAA AGCGTGAAGCAGGAATTAAGGACAGCGGTCATTTAATTCCAGGACACGGTGGTATTTTAGATCGTATTGATAGCCTGACG  $\tt GCTGCGGTACCGGTCTTTGCTTGCTTGTTGTTACTGGTATTCAGGACGCTTTAACGGAAGGTAATATGCTGAGTTTTCTC$ TGGGATTTGGCTTCGTTCATCGTTGCACTGGGTGTACTTATCACCGTGCATGAATTTGGTCATTTCTGGGTTGCCCGGCG TTGTGGTGTTCGCGTTGAGCGTTTCTCAATAGGGTTTGGTAAGGCGCTCTGGCGGCGAACTGATAAGCTCGGCACCGAAT ATGTTATCGCCCTGATCCCGTTGGGCGGTTATGTCAAAATGCTGGATGAGCGCGCAGAACCGGTCGTTCCGGAACTCCGC  TATCTTTGCCTACTGGCTGGTTTTTATTATTGGTGTGCCTGGCGTACGTCCGGTGGTTGGCGAAATAGCAGCCAATTCGA TAGCTGCGGAAGCACAAATTGCACCAGGTACGGAACTAAAAGCCGTAGATGGTATCGAAACGCCTGATTGGGATGCCGTG CGTTTGCAGTTGGTCGATAAAATTGGCGATGAAAGCACCACCATTACAGTAGCGCCATTTGGCAGCGACCAACGGCGGGA TGTAAAGCTCGATTTACGTCACTGGGCGTTTGAGCCTGATAAAGAAGATCCGGTATCTTCGCTGGGGATTCGTCCTCGTG ATCGTTAAAGTCGATGGTCAGCCCTTAACGCAGTGGGTGACCTTTGTGATGCTTGTCCGGGATAACCCGGGTAAATCCTT TTGGTTTTGTCGGTATTGAGCCGAAAGTCATTCCTTTGCCAGATGAGTATAAAGTTGTACGCCAGTATGGGCCGTTCAAC GCCATCGTCGAAGCCACGGACAAAACGTGGCAGCTGATGAAGCTGACGGTCAGTATGCTGGGAAAATTGATCACCGGTGA TGTGAAACTGAACACCTCAGTGGGCCGATCTCTATCGCCAAGGGGGCTGGGATGACAGCGGAACTCGGGGTTGTTTATT  $\tt CTGCTGTTCCTTGCGATCGAAAAGATCAAGGGCGGACCGGTATCCGAGCGGGTTCAAGACTTTTGTTATCGCATTGGCTC$ AATAACGATGGCGATGAAAAAGTTGCTCATAGCGTCGCTGCTGTTTAGCAGCGCCCCCGTATACGGTGCTGAAGGGTTCG TAGTGAAAGATATTCATTTCGAAGGCCTTCAGCGTGTCGCCGTTGGTGCGGCCCTCCTCAGTATGCCGGTGCGCACAGGC GACACGGTTAATGATGAAGATATCAGTAATACCATTCGCGCTCTGTTTGCTACCGGCAACTTTGAGGATGTTCGCGTCCT  ${\tt TCGTGATGGTGATACCCTTCTGGTTCAGGTAAAAGAACGTCCGACCATTGCCAGCATTACTTTCTCCGGTAACAAATCGG}$ TGAAAGATGACATGCTGAAGCAAAACCTCGAGGCTTCTGGTGTGCGTGTGGGCGAATCCCTCGATCGCACCACCATTGCC GATATCGAGAAAGGTCTGGAAGACTTCTACTACAGCGTCGGTAAATATAGCGCCAGCGTAAAAGCTGTCGTGACCCCGCT  $\tt CGTAAATACCAGAAACAGGAAACTGGCGGGCGACCTTGAAACCCTGCGCAGCTACTATCTGGATCGCGGTTATGCCCGTTT$ AGTACAAGCTTTCTGGCGTTGAAGTGAGCGGCAACCTTGCCGGGCACTCCGCTGAAATTGAGCAGCTGACTAAGATCGAG  ${\tt CCGGGTGAGCTGTATAACGGCACCAAAGTGACCAAGATGGAAGATGACATCAAAAAGCTTCTCGGTCGCTATGGTTATGC}$ CTATCCGCGCGTACAGTCGATGCCCGAAATTAACGATGCCGACAAAACCGTTAAATTACGTGTGAACGTTGATGCGGGTA ACCGTTTCTACGTGCGTAAGATCCGTTTTGAAGGTAACGATACCTCGAAAGATGCCGTCCTGCGTCGCGAAATGCGTCAG  $\tt ATGGAAGGTGCATGGCTGGGGAGCGATCTGGTCGATCAGGGTAAGGAGCGTCTGAATCGTCTGGGCTTCTTTGAAACTGT$ CGATACCGATACCCAACGTGTTCCGGGTAGCCCGGACCAGGTTGATGTCGTCTACAAGGTAAAAGAGCGCAACACCGGTA GCTTCAACTTTGGTATTGGTTACGGTACTGAAAGTGGCGTGAGCTTCCAGGCTGGTGTGCAGCAGGATAACTGGTTAGGT CACCGTAGATGGCGTAAGCCTCGGTGGTCGTCTTCTATAATGACTTCCAGGCAGATGACGCCGACCTGTCCGACTATA  ${\tt CCAACAAGAGTTATGGTACAGACGTTGGGCTTCCCGATTAACGAATATAACTCGCTGCGTGCAGGTCTGGGTTAT}$ GTACATAACTCCCTGTCCAACATGCAGCCTCAGGTTGCGATGTGGCGTTATCTGTACTCTATGGGTGAACATCCGAGCAC CTCTGATCAGGATAACAGCTTCAAAACGGACGACTTCACGTTCAACTATGGTTGGACCTATAACAAGCTTGACCGTGGTT ACTTCCCGACAGATGGTTCACGTGTCAACCTGACCGGTAAAGTGACCATTCCTGGATCGGATAACGAATACTACAAAGTG ACTCAGGACGCCGCAAAGACCTGTGTAAATCGGATGATGCTGTAGGCGGTAACGCCATGGCGGTTGCCAGCCTCGAGTT GGGATACAAACTGGGATTCCAGCCAATATTCTGGATATCCGGACTATAGTGATCCAAGCAATATCCGTATGTCTGCGGGT ATCGCATTACAATGGATGTCCCCATTGGGGCCGTTGGTGTTCTCCTACGCCCAGCCGTTCAAAAAGTACGATGGAGACAA GGCAGAACAGTTCCAGTTTAACATCGGTAAAACCTGGTAAGTGTTCTCCACAAAGGAATGTAGTGGTAGTGTAGCGATGA  $\tt CTTTAGGCGATCAATATAAGATCGCCGGGCCACGCAAAGAACTGCACCCTCCGGTGCAAATGGGATGGTAAGGAGTTTAT$ TGTGAAAAAGTGGTTATTAGCTGCAGGTCTCGGTTTAGCACTGGCAACTTCTGCTCAGGCGGCTGACAAAATTGCAATCG  ${\tt TCAACATGGGCAGCCTGTTCCAGCAGGTAGCGCAGAAAACCGGTGTTTCTAACACGCTGGAAAATGAGTTCAAAGGCCGT}$ GCCAGCGAACTGCAGCGTATGGAAACCGATCTGCAGGCTAAAATGAAAAAGCTGCAGTCCATGAAAGCGGGCAGCGATCG GTCGTTCCAACGAAGAACGCGGCAAACTGGTTACTCGTATCCAGACTGCTGTGAAATCCGTTGCCAACAGCCAGGATATC GATCTGGTTGTTGATGCAAACGCCGTTGCTTACAACAGCAGCGATGTAAAAGACATCACTGCCGACGTACTGAAACAGGT TAAATAAGTAATGCCTTCAATTCGACTGGCTGATTTAGCGCAGCAGTTGGATGCAGAACTACACGGTGATGGCGATATCG TCATCACCGGCGTTGCGTCCATGCAATCTGCACAAACAGGTCACATTACGTTCATGGTTAACCCAAAATACCGTGAGCAT TTAGGCTTGTGCCAGGCGTCCGCGGTTGTCATGACCCAGGACGATCTTCCTTTCGCGAAAAGTGCCGCACTGGTAGTGAA GAATCCCTACCTGACTTACGCGCGCATGGCGCAAATTTTAGATACCACGCCGCAGCCCGCGCAGAACATTGCACCCAGTG GGCGATAACGTGATTATCGGTGCCGGTTGCTTCGTAGGTAAAAACAGCAAAATCGGTGCAGGTTCGCGTCTCTGGGCGAA CGTAACCATTTACCATGAGATCCAGATCGGTCAGAATTGCCTGATCCAGTCCGGAACAGTGGTAGGCGCAGACGGCTTTG GTTATGCCAACGATCGTGGTAACTGGGTGAAGATCCCACAGATTGGTCGCGTAATTATTGGCGATCGCGTGGAGATCGGT GCCTGCACAACCATCGATCGCGCGCGCTGGATGACACTATTATTGGCAATGGCGTGATCATTGATAACCAGTGCCAGAT TGCACATAACGTCGTGATTGGCGACAATACGGCGGTTGCCGGTGGCGTCATTATGGCGGGCAGCCTGAAAATTGGTCGTT ACTGCATGATCGGCGGAGCCAGCGTAATCAACGGGCATATGGAAATATGCGACAAAGTGACGGTTACGGGCATGGGTATG TGCACTGGTGATGAACATTGATGACATGAGCAAGCGTCTGAAATCGCTTGAGCGCAAGGTTAATCAACAAGACTAACGTT  $\tt CCATCTTTGTTCGCCAAACTTTACGGCCTGTCTCATTCTTACGATTGCGGCAGGCCGTGTTATTATTGTCGTTTCTTAT$ ATTTTGACAGGAAGAGTATCTTGACTACTAACACTCATACTCTGCAGATTGAAGAGATTTTAGAACTTCTGCCGCACCGT TTCCCGTTCTTACTGGTGGATCGCGTGCTGGATTTTGAAGAAGGTCGTTTTCTGCGCGCAGTAAAAAATGTCTCTGTCAA TGAGCCATTCTCCAGGGCCATTTCCCTGGAAAACCGATTTTCCCGGGTGTGCTGATTCTGGAAGCAATGGCACAGGCAA TTCAAGCGCCCGGTCGTGCCTGCCGATCAAATGATCATGGAAGTCACTTTCGAAAAAACGCGCCGCGGCCTGACCCGTTT TAAAGGGGTTGCTCTGGTCGATGGTAAAGTAGTTTGCGAAGCAACGATGATGTGTGCTCGTAGCCGGGAGGCCTGATACG TGATTGATAAATCCGCCTTTGTGCATCCAACCGCCATTGTGGAAGAGGGCGCGTCAATTGGCGCGAACGCACACTTGGT  ${\tt CCTTTTTGTATCGTTGGACCCCATGTCGAAATTGGTGAGGGTACCGTACTGAAATCTCACGTTGTCGTGAATGGTCATAC}$ TAAAATTGGCCGCGATAATGAGATTTATCAGTTCGCCTCCATCGGCGAAGTTAACCAGGATCTGAAATATGCTGGCGAAC AGTTCTGCATCATTGGTGCGCACGTGATGGTTGGCGGCTGCTCCGGTGTGGCGCAGGACGTCCCTCCTTATGTCATTGCG  $\tt CAGGGTAACCACGCCGTTCGGTGTCAATATCGAAGGGCTGAAGCGCCGCGGATTCAGCCGTGAGGCGATTACCGC$ TATCCGCAATGCGTATAAGCTGATTTATCGTAGCGGTAAAACGCTCGATGAAGTGAAACCGGAAATTGCTGAACTGGCGG GTCCATTAACGATTGCCCTGGTCGCCGGAGAAACCTCCGGCGATATCCTGGGGGCCGGTTTAATCCGCGCTCTGAAAGAA AGAACTGGCGGTGATGGGCATTGTTGAAGTGCTCGGTCGTCTGCGTCGCTTACTGCATATTCGTGCCGATCTGACAAAGC GTTTTGGCGAACTGAAGCCAGATGTTTTTGTTGGTATTGATGCGCCTGACTTCAATATTACTCTTGAAGGTAACCTCAAA AAGCAGGGTATCAAAACCATTCATTACGTCAGTCCGTCAGTCTGGGCGTGGCGACAGAAACGTGTTTTCAAAATAGGCAG AGCCACCGATCTGGTGCTCGCATTTCTGCCTTTCGAAAAAGCGTTTTATGACAAATACAACGTACCGTGCCGCTTTATCG GTCATACCATGGCTGATGCCATTAGATCCAGATAAAAATGCCGCCCGTGATGTGCTGGGGATCCCTCACGATGCC TTTGCGCCAGACATATCCGGATCTCGAAATCGTGGTGCCACTGGTGAATGCCAAACGCCGCGGAGCAGTTTGAACGCATCA  $\tt CTACTGGCGTCGGGTACGCCCTGGAGTGTATGCTGGCGAAATGCCCGATGGTGGTGGGATATCGCATGAAGCCTTT$ TACCTTCTGGTTGGCGAAGCGGCTGGTGAAAACTGATTATGTCTCGCTGCCAAATCTGCTGGCGGGCAGAGAGTTAGTCA AAGAATTATTGCAGGAAGAGTGTGAGCCGCAAAAACTGGCTGCGGCGCTGTTACCGCTGTTGGCGAACGGGAAAACCAGC $\tt CACGCGATGCACGATACCTTCCGTGAACTGCATCAGCAGATCCGCTGCAATGCCGATGAGCAGGCGGCACAAGCCGTTCT$ GGAGTTAGCACAATGATCGAATTTGTTTATCCGCACACGCAGCTGGTTGCGGGTGTGGATGAAGTCGGACGCGGGCCGTT AGTTGGCGCGGTCGTCACCGCTGCGGTGATCCTTGACCCGGCGCCCGATTGCCGGGCTGAATGATTCCAAAAAGCTGA GCGAAAAACGCCGTCTGGCGCTCTATGAAGAGATCAAAGAGAAAGCGTTGAGCTGGAGTCTGGGCCGCGCGGAACCCCAC GAAATCGACGAGCTGAACATTCTTCATGCGACCATGCTGGCGATGCAGCGTGCCGTCGCTGGGCTGCATATTGCGCCGGA ATATGTGTTGATGGTAACCGCTGCCCGAAATTACCGATGCCTGCGATGGCTGTGGTGAAAGGCGATAGCCGCGTAC TATGGTTTTGCCCAACACAAAGGGTACCCAACCGCTTTTCATCTGGAAAAACTGGCTGAACACGGCGCGACCGAACACCA TCGGCGCAGCTTTGGGCCTGTCAAACGCGCACTGGGACTTGCGTCCTGATTCTTGTGTCGAGATTAAGTAAACCGGAATC TGAAGATGTCTGAACCACGTTTCGTACACCTGCGGGTGCACAGCGACTACTCGATGATCGATGGCCTGGCCAAAACCGCA GTTCTACGGAGCGGGACATGGCGCAGGGATTAAGCCTATCGTCGGGGCAGATTTTAACGTCCAGTGCGACCTGCTGGGTG ATGAGTTAACCCACCTGACGGTACTGGCGGCGAACAATACCGGCTATCAGAATCTGACGTTGCTGATCTCAAAAGCGTAT  $\tt CAGCGCGGGTACGGTGCCGCCGGGCCGATCATCGATCGCGACTGGCTTATCGAATTAAACGAAGGGTTGATCCTTCTTTC$ AAGAACACTTCCCGGATCGCTATTTTCTCGAGCTGATCCGCACCGGCAGGCCGGATGAAGAAAGCTATCTGCACGCGGCG ACACGAAATCCGCGTCGCGATCCACGACGCTTTACCCTCGACGATCCTAAACGCCCGCGTAACTATTCGCCGCAGCAAT ATATGCGTAGCGAAGAGGAGATGTGTGAGCTGTTTGCCGACATCCCCGAAGCCCTTGCCAACACCGTTGAGATCGCCAAA CGCTGTAACGTAACCGTGCGTCTTGGTGAATACTTCCTGCCGCAGTTCCCGACCGGGGACATGAGCACCGAAGATTATCT GGTCAAGCGTGCAAAAGAGGGCCTGGAAGAGCGTCTGGCCTTTTTATTCCCTGATGAGGAAGAACGTCTTAAGCGCCGCC  ${\tt CGGAATATGACGAACGTCTGGAGACTTCAGGTTATCAACCAGATGGGCTTCCCGGGCTACTTCCTCATCGTTATG}$ GAATTTATCCAGTGGTCGAAAGATAACGGCGTACCGGTAGGGCCAGGCCGTGGCTCCGGTGCGGGTTCACTGGTGGCCTA TGCCTGACTTCGACGTTGACTTCTGTATGGAGAAACGCGATCAGGTTATCGAGCACGTAGCGGACATGTACGGTCGTGAT GTACGGCTTTGTCGATCTCTCGAAACTGATCCCGCCCGATCCGGGGATGACGCTGGCGAAAGCGTTTGAAGCCGAGC  $\tt CGCAGCTGCCGGAAATCTACGAAGCGGATGAAGAAGTTAAGGCGCTGATCGACATGGCGCGCAAACTGGAAGGGGTCACC$ ATCGCTGCGATCCCGCTGGATGATAAGAAAAGCTTCGACATGCTGCAACGCTCGGAAACCACGGCGGTATTCCAGCTTGA ATCGCGCGGCATGAAGGACCTGATCAAGCGTCTACAACCTGACTGCTTCGAAGATATGATCGCCCTAGTGGCACTGTTCC GCCCCGGTCCGTTGCAATCAGGGATGGTGGATAACTTTATCGACCGTAAACATGGTCGTGAAGAGATCTCCTATCCGGAC GTACAGTGGCAGCATGAAAGCCTGAAACCGGTACTGGAGCCAACCTACGGCATTATCCTGTATCAGGAACAGGTCATGCA GATTGCGCAGGTGCTTTCTGGTTATACCCTCGGTGGCGCGGATATGCTGCGTCGTGCGATGGGTAAGAAAAAGCCGGAAG AGATGCTAAGCAACGTTCTGTATTTGCTGAAGGTGCAGAAAAGAACGGAATCAACGCTGAACTGGCGATGAAAATCTTC GACCTGGTGGAGAAATTCGCTGGTTACGGATTTAACAAATCGCACTCTGCGGCCTATGCTTTGGTGTCATATCAAACGTT ATGGCTGAAAGCGCACTATCCTGCGGAGTTTATGGCGGCGGTAATGACCGCCGATATGGACAACACCGAGAAGGTGGTGG GTCTGGTGGATGAGTGCTGGCGGATGGGGCTGAAAATCCTGCCACCAGATATAAACTCCGGTCTTTACCATTTCCACGTC TGGAAAAACTGATCATGTCCGGGGCGTTTGACCGTCTTGGGCCACATCGCGCAGCGCTGATGAACTCGCTGGGCGATGCG TTAAAAGCGGCAGATCAACACGCGAAAGCGGAAGCTATCGGTCAGGCCGATATGTTCGGCGTGCTGGCCGAAGAGCCGGA TGTACCTGACCGGACACCCTATCAACCAGTATTTAAAAGAGATTGAGCGTTATGTCGGAGGCGTAAGGCTGAAAGACATG TCGTATCGGTATCTGCACGCTGGATGACCGTTCCGGGCGGCTGGAAGTGATGTTTTTACTGACGCCCTGGATAAATACC AGCAATTGCTGGAAAAAGACCGCATACTTATCGTCAGCGGACAGGTCAGCTTTGATGACTTCAGCGGTGGGCTTAAAATG  AATTGATGACCAGCTTTTAAACCGACTCCGTCAGTCTCTGGAACCCCACCGCTCTGGGACAATTCCAGTACATCTCTACT ATCAGAGGGCGGATGCACGCGCGCTTGCGTTTTGGCGCGACGTGGCGTGTCTCTCCGAGCGATCGTTTATTAAACGAT TTTTGAACAGCCGATTGCAGAGCTGGAAGCGAAAATCGATTCTCTGACTGCGGTTAGCCGTCAGGATGAGAAACTGGATA TTAACATCGATGAAGAAGTGCATCGTCTGCGTGAAAAAAGCGTAGAACTGACACGTAAAATCTTCGCCGATCTCGGTGCA TGGCAGATTGCGCAACTGGCACGCCATCCACAGCGTCCTTATACCCTGGATTACGTTCGCCTGGCATTTGATGAATTTGA CGAACTGGCTGGCGACCGCGCTATGCAGACGATAAAGCTATCGTCGGTGGTATCGCCCGTCTCGATGGTCGTCCGGTGA TGATCATTGGTCATCAAAAAGGTCGTGAAACCAAAGAAAAAATTCGCCGTAACTTTGGTATGCCAGCGCCAGAAGGTTAC CGCAAAGCACTGCGTCTGATGCAAATGGCTGAACGCTTTAAGATGCCTATCATCACCTTTATCGACACCCCGGGGGGCTTA TCCTGGCGTGGGCGCAGAAGAGCGTGGTCAGTCTGAAGCCATTGCACGCAACCTGCGTGAAATGTCTCGCCTCGGCGTAC GGCTGAAGCGATGGGTATCATTGCTCCGCGTCTGAAAGAACTGAAACTGATCGACTCCATCATCCCGGAACCACTGGGTG GTGCTCACCGTAACCCGGAAGCGATGGCGGCATCGTTGAAAGCGCAACTGCTGGCGGATCTGGCCGATCTCGACGTGTTA AGCACTGAAGATTTAAAAAATCGTCGTTATCAGCGCCTGATGAGCTACGGTTACGCGTAATTCGCAAAAGTTCTGAAAAA GAACATCATTGCCATTATGGGACCGCATGGCGTCTTTTATAAAGATGAGCCCATCAAAGAACTGGAGTCGGCGCTGGTGG CGCAAGGCTTTCAGATTATCTGGCCACAAAACAGCGTTGATTTGCTGAAATTTATCGAGCATAACCCTCGAATTTGCGGC  $\tt CTTCATCAACACCCACTCGACGATGGATGTCAGCGTGCAGGATATGCGGATGGCGCTCTGGTTTTTTGAATATGCGCTGG$ GGCAGGCGGAAGATATCGCCATTCGTATGCGTCAGTACACCGACGAATATCTTGATAACATTACACCGCCGTTCACGAAA GCCTTGTTTACCTACGTCAAAGAGCGGAAGTACACCTTTTGTACGCCGGGGCATATGGGCGGCACCGCATATCAAAAAAG  ${\tt CCCGGTTGGCTGTTTTATGATTTTTTCGGCGGGAATACTCTTAAGGCTGATGTCTCTATTTCGGTCACCGAGCTTG}$ GTTCGTTGCTCGACCACCCGGGCCACACCTGGAAGCGGAAGAGTACATCGCGCGGACTTTTTGGCGCGGAACAGAGTTAT ATCGTTACCAACGGAACATCGACGTCGAACAAAATTGTGGGTATGTACGCCGCGCCATCCGGCAGTACGCTGTTGATCGA  $\tt CGTTGGGGATTCTTGGTGGGATCCCGCGCCGTGAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCATCGAAGAAAGTCGCTGCTACCACGCAATTTACTCGCGACAGCAATTTACTCGCGACAGCAATTTACTCGCGACAGCAATTTACTCGCGACAGCAATTTACTCGCGACAGCAATTTACTCGCGACAGAATTTACTCGCGACAGCAATTTACTCGCGACAATTTACATCGACAATTTACATCAATTTACTCGCGACAATTTACATTA$ GCACAATGGCCGGTTCATGCGGTGATCACCAACTCCACCTATGATGGCTTGCTCTACAACACCGACTGGATCAAACAGAC GCTGGATGTCCCGTCGATTCACTTCGATTCTGCCTGGGTGCCGTACACCCATTTTCATCCGATCTACCAGGGTAAAAGTG GTATGAGCGGCGAGCGTGTTGCGGGAAAAGTGATCTTCGAAACGCAATCGACCCACAAAATGCTGGCGGCGTTATCGCAG GCTTCGCTGATCCACATTAAAGGCGAGTATGACGAAGAGGCCTTTAACGAAGCCTTTATGATGCATACCACCACCTCGCC  ${\tt CAGTTATCCCATTGTTGCTTCGGTTGAGACGCCGGCGATGCTGCTGGTGATATCCGGGCAAACGGCTGATTAACCGTT}$ CAACCGCCGCAGGTGGATGAAGCCGAATGCTGGCCCGTTGCGCCTGGCGAACAGTGGCACGGCTTTAACGATGCGGATGC GGATCCCGGCGCGCTGGTAGCAAAATTCCTCGACGAACGTGGGATCGTAGTAGAGAAAACCGGCCCTTATAACCTGCTG TTTCTCTTTAGTATTGGCATCGATAAAACCAAAGCAATGGGATTATTGCGTGGGTTGACGGAATTCAAACGCTCTTACGA TCTCAACCTGCGGATCAAAAATATGCTACCCGATCTCTATGCAGAAGATCCCGATTTCTACCGCAATATGCGTATTCAGG ATCTGGCACAAGGGATCCATAAGCTGATTCGTAAACACGATCTTCCCGGTTTGATGTTGCGGGCATTCGATACTTTGCCG GAGATGATCATGACGCCACATCAGGCATGGCAACGACAAATTAAAGGCGAAGTAGAAACCATTGCGCTGGAACAACTGGT CGGTAGAGTATCGGCAAATATGATCCTGCCTTATCCACCGGGCGTACCGCTGTTGATGCCTGGAGAAATGCTGACCAAAG GGCGCGAAACAGGACGAAGACGCGTTTACCGCGTACGAGTCCTAAAAATGGCGGGATAACTTGCCAGAGCGGCTTCCGG  ${\tt GCGAGTAACGTGCTGTTAACAAATAAAGGAGACGTTATGCTGGGTTTAAAAACAGGTTCACCATATTGCGATTATTGCGAC}$ GGATTATGCGGTGAGCAAAGCTTTCTACTGCGATATTCTTGGTTTCACGCTGCAAAGCGAAGTCTATCGCGAAGCGCGCG AGCCGACCGGAAGCTTGCGGTCTGCGTCATCTGGCTTTTAGCGTTGACATCGATGCGGCAGTGGCGCACCTTGAAAG 

TGCCGTTGGAACTGTATGAGCAGTAAGGCTTGTCATCGCCGCATTTGCCCGGTAACGTGCCGGGCATTGCTACTGTAAAA TCGCACCATCATGACACTCACGCTCAATAGACAACTTCTCACCTCACGCCAGATTCTGGTGGCCTTTAGCGGCGGGCTTG  $\tt CCTTGTTGCCCGGTGAAGTGCTGGTCACCGCGCAACATCTCGACGATCAATGTGAAACCTTTCTGCTGGCGCTAAAACGC$ GGCAGTGGCCCTGCCGGGCTTTCGGCTATGGCGGAAGTCTCGGAGTTTGCCGGAACGCGGCTTATTCGCCCGTTGCTCGC  ${\tt CGCAGCGCGCACTTTGTGCTGAACAAGAGAGCCTGCTGGATGAACTGCTGGCAGATGATTTAGCACACTGTCAATCGCC}$ GGCAGAATGCACCGATGCCTTCCCGCGACGCGTTGGTGAGGATCTGGCAGGAAGTGGCGCTGGCGCGGAAGATGCCTCA CGTAACGGCGGACGTAAGCTAAAGAAAATCTGGCAAGAGCTGGGCGTGCCGCCGTGGCTACGTGACACCACGCCACTGCT GTTTTATGGCGAAACGCTGATTGCGGCGGCAGGGGTATTTGTGACGCAAGAAGGTGTGGCTGAAGGTGAGAATGGCGTAA GTTTTGTCTGGCAGAAAACGCTTAGTTAAGTGAAAGCCGGATAAGACGCATCAAACGTCGCATCCGGCGAAAGTCAATCA GGATTCGCTTACCACCACCGTACCGATTTCCGGGTGGCTAAAGCTGGTAATTTTATCCAGACGCAGCTCGCGGGTTTCGC  $\tt CAGCGGCCTCGACGGCCCGGTACTCCACATTTTTGCGGGGAGACTAAATCACTGGCTTTTGCCTGCAATTTTTCGCCATCT$ CGTATCATTCATTGACATAATCGCTCACCAGTAAGTTTGCCGCAGCGTATGCTGCTTTTTCCCTGACAGCCTCAGAAAGG GATTTCCGCGTACCGCTTGCGTATTAACTCACAATATTTTTCCACATGCCCTCCTGTCAGCACTCTGACTTAACCGTGGA TGCAAGTCTAAGCCTACGAAGATAAACTCTGTTTCGCAAGGTGACTATACCACACTCATTTCTGCAATATCAGCGCCGCA GGAGCGTATGATGCTGCGCTTGCTGGCGTGGCTGAAATATGCTGATGAACGTCTGCAATTTACCCGTGGTTTGTGTGCCG ATGATGAGCCGGAAGCGTGGCTGACGATCACCTGGGCATTGATTTGTGGATTGAGCTGGGGCTGCCGGATGAGCGGGCAAAATCAGAGCAAATGTGTGCAGTTTGCCAATCTTTCCGTCTGGTATCTGGACGATGAACAACTGGCGAAAGTAAGCG  $\tt CCTTTGCCGATCGTACCATGACGCTGCAGGCAACGATTCAGGATGGCGTGATCTGGTTATCGGATGATAAGAATAATCTG$ GAAGTGAACTTAACCGCCTGGCAACAACCTTCATGATTGTGATTTCCCGACATGTTGCTATTCCCGATGGTGAGCTTGAG ATCACCGCCATTCGTGCGCAGGGCGGGCGGGCAGCATGTTAATAAGACCTCAACGGCTATTCATCTGCGTTTTGACAT TTGTCATTAAGGCACAGGAATACCGCAGTCAGGAACTGAACCGCGAAGCAGCTCTGGCCCGGCTGGTGGCTATGATTAAA GAATTAACAACAGAAAAAAAAAGCCCGACGACCCACGCGGCCCACCCGTGCATCGAAAGAGCGCAGGCTGGCATCGAAAGC GCGATAGTGACAGCGATGGCTGTAATCAGCCTCTTTACTCTGATGGGATGTAATAATCGGGCCGAAGTCGATACGCTTTC TCCGGCGCAGGCTGCCGAACTGAAACCGATGCCGCAAAGTTGGCGCGCGTGCTGCCGTGTGCCGATTGCGAAGGAATCG TTCGCTTCCTACGGTACATGGGCGCGAACCGCTGACAAGCTGGTATTAACCGACAGCAAAGGTGAAAAGTCATATTATCG GGCGAAAGGCGATGCGCTGGAGATCCTGATCGTGAAGGCAATCCGATTGAATCGCAGTTCAACTATACGCTGGAAGCGG TGCGCGACCGGAAAACGTTTCATGGTAGCGAATAACGCAGAGCTGGAGCGTAGCTACCTGGCTGCGCGCGGTCACAGTGA AAAACCGGTGTTACTGTCAGTAGAAGGTCACTTTACGCTTGAGGGTAATCCGGATACCGGTGCGCCGACTAAAGTATTGG  $\tt CACCCGATACGGCAGGGAAATTTTACCCCAACCAGGATTGCAGTAGTTTGGGGCAGTAACCCGTCTTGAGACAGAAACAA$  GATAAGGCATTTACTTATCACCGGGTCAAACCAACAAGCGACCCGCCTTGATATAAATCCCAGGCTTCAGGTGCCCAA CATACTGTAACTGCGTTTCTGGCTTAAACGCAGAGACATCACCAATACGCATATGCATCAGATCGGCAGGGCTAATCCAG  $\tt CCCGATTGCGCCAGTGTAAGTGGATGCCCGGCTTTGGCAAAGGCATCCGTGACAAATTCCGAACAAAACCACGACTTTTT$ GTCTCCTTCGCCCACACTGCTTAACTGCGCTTTCGCCAGGCCGCTGACGCACTGTTGGCGAAAATCCTCGGAGAACGGAT TCAGTGAGCACATCTGGCGAGTCACCATAAAGGGAATAAATTCGACAATGCCGCGATAGTTATAACCGCTATCTTTGATT TTATTGGCAAACGCGGTGATATCTGTGGCTTGTTGCGGGGTAAGATCCGGGACTCGTAAGACGAAAAGCTTATCACTATG CTTCATCGCTTTTTTAAGGGAAACGATCTGGACGCCAGCGCCTGTCGCTTCTGCAACGTTATTATCACCCAGAAAGATTG  ${\tt CCGTTGCGACGATATTTATATTCGATATCGTCGTTGTCGAGGTTACGGTCGCCCAGCACAATAGTGTGCGGAATACCGATACCATACCGATACCATACCGATACCATACATACCATACCATACCATACCATACATACCATACCATACAT$ CAGTTCCATATCAGCAAACATCACGCCCGGACGCTCTTTGCGGTCATCCAGCAGCACTTCGATACCTTGTGCACGCAGTT GCGATAGCGTCAGGCCATACGATGCCTCGTTCGTCGTAGTTCTGCTCAATCGCCGCAGCTACCACACGCGTTACCCCGAT  ${\tt ACCGTAGCAACCCATCGTCAGGATTTGGTTACGGCCATCTTCACCCTGTACGGAGGCTTTCAGTGCTTCGGAGTACTTGG}$ TACCCAGCTGGAAGATGTGACCAACTTCGATACCACGTTTGATCAGCAGCCTACCCTGGCCATCCGGGCTTGGATCGCCA GATGTTAGCACCAGCAGCGAAATCACTCATCGCCGCAACGGTACGGTCAATCACCACCGGAATCGGCATGTTTACCGGAC AGTTTTTCTGCTTTAACTTCGTTCAGCTCGTGATCACCGCGCACCAGCAGCGCAACCTGCGGGAAGCTGCTGCCTTCAAC  $\tt CGCTTTAACCAGCAGAGTCTTAACCGTTTTCTCAATCGGCAGATTGAACTGTTCAACCAGTTCCGCGATGGTTTTCGCGT$  ${\tt TCGGCGTATCAACCAGCGTCATTTCCTGGGTAGCAGCAGCGCGCGGTTCTTTCGGCGCGATAGCTTCTGCCAGTTCAATGCTTCTGTCAGTTCAATGCTTCTGTCAGTTCAATGCTTCTGTCAGTTCAATGCTTCTGTCAGTTCAATGCTTCTGTCAGTTCAATGCTTCTGTCAGTTCAATGCTTCTGTCAGTTCAATGCTTCTGTCAGTTCAATGCTTCTGTCAGTTCAATGCTTCTGTCAGTTCAATGCTTCTGTCAGTTCAATGCAATGCAATGCTTCAAT$ TTCGCTGCATAGTCAGAGGTGTCGGAGAAGACCACATCGTCTTCACCGCTCTGCGCCAGCACCTGGAATTCGTGAGAGGC CATACATTGCATCGTAGGTTTCCTGCAGGGATTCCTGAGAAGTATGGAAAGAGTAAGCATCTTTCATCAGGAATTCGCGG GAACGCATGACGCCGAAACGCGGACGCACTTCGTCGCGGAACTTGGTCTGGATCTGATAGAAGTTCAGCGGCAGCTGTTT GTAAGAGCTAAGCTCGTTACGAATCAGGTCAGTGATAACTTCTTCATGAGTTGGGCCGAGTACGAACGGACGCTCGCCAC GGTCGGCAGCCAGGTATATAACCCGGAGGCCAGCTTGCGGATCATCCCGGCGCGCAGCATCAGCTGATGGCTGATCACCT AGAACAGGCTCAAGGCGAGCCTGGGACAAAAAAAAAGTGATTTAGTTTACCAGTGCAAAAGAAATGTCAAAAGAGAAAGGGC GTGAATTTAACGCGGTTCCAGCGCAAAGACTTCAAAACCTGCGTCGGTGACGCCCAGCGAACGTTAAAATCATGTAGCC AGACGGCATAGGTTTTGCCCGTTTCCTCACCTTTACGATAGGCCGGGCGCGGGTCCTGCGCCAGTACTTCGCGGATAAAC AGCGTTAACTGCGGATAACGCTTCTCCAGCGTCAAAAGCTGCTTTTCGACCTCTGCGGTAAAACTCACCGCCATCTCTGC AGCTGGCGCACTTTGCGCATAGCTGGCACTGGCATCGGGAAGCGATTCGGCAAAGGGGAGATACGGTTTGATATCCACTA  $\tt CCGGCGTACCATCGACCAGATCCAGACTGCCGAGCTTCAGAATCACGCTGTCTTTATGGCAAACAACCTCTTTCAGCTCT$  $\tt CGGTGGACGCAGCGCCGCCTTCCATCGTTTGATGAAAGACGAAAAGGATCCATAAATGGCTGAACGCTT$ GTAATGTTAAGCGCAGAACCGATACATACAGCCTGACGATAGCAGCCTGGCGTACCGCTGGTGACTTCGCAGCTATGCAG TAATACAGCATTGGCTTTCATTTTAGAGGCGTTGATTTTGCATCCGCTTACGTGCGGTTGGAATGCTCGGCGGAGAGTCCT GATTAGAGGCCTGGCAAGAGTCGCCACTGACTTCACCGAGATCGCGGAACGGTTTGCCGACTAATTCTTCTGCATTGGTA TAAATTCGGACCGCCTGCGCGCGCGCCTTTCGGTTTTGCAGGCTCCGCTTTCGGCTGGGGTGCAGTGCTTTGAACGGG TTCGACAGGGGATCTGCTTAACATGGAACAGCCGCTTAGCATGAGTGCTACTAAACAGATCGGTAAAGCACGCATAGTAT TTCCTCAATGTATGATCAAAACGTCAATATTGAATCAGGAGCTTGTAAAAATGACAAGACGGCCAAGCGCCCGTCCTGAA GTAAACTTCGTCAGACTGATAAGCCTGGACGAATTTCTTCACGTTCTCGGCGTCTTTGTTATCTTCACGCGTCACGATCA GTATTGATAACTGCCAGAGCGATTTGCGCGTCGTCCAGAGAACGCGGCAGTTGCGGTGCTTCCAGTTCAACAATTTTCAG ATTTTTGGGGTTCTCAACAACATCAAGAACGGTCGGCAGCAGCCCATCTTTCAGTTTGATCAAGCCCACTTTTT  ${\tt GCAGCAGCAGCAGCGAACGATCAAGGTTAGTTGGGTCGTTTGGCACGGCAACCTGCGAACCATCCTGCAGTTCATCCAGT}$ GATTTGATTTTCTTGGAGTAACCAGCAATCGGATAAACAAAAGTGTTGCCTACTGCGACCAGTTTGTAGCCACGATCTTT TGTTCGGCACCAACAATCACGCCGACTTTAATGTGGTTTGGATCTTTTTCATCCTGACCGCAGCCTACCAGTGCCAGTGA ACCAGTACCGTATTCACCGCCGTCGCGTTATAGCCGATGTAGCCATACTGATAGCCAATCTGACCTAAACCACCGGCACC GACTGCACCACCCATCGCGGAATAACCGACCAGGGTAATCAGGGTGATAGTTGCCGCATTCACCAGACCCGGCAGCGCTT ACCGGCAGACCAATCACAAAGCCAAAAAAACCGGATACGAAGGTCATTGCCAGCGTTTCCCATACGCCACGAACCAGCAG TCTTGTTGTGTGCCGTGCATTTCAGTCAGCATGATGCCGAACTTAACGCCACCGGCGTAATCCATCTGCGCGCTAATAAT GTTGTTGACGTTGAAACGACGCGCGGTTTCAGAAAGCAGTGGGGCATCGACCGATTGACCGGTAAACTCCAGACGCA GCATCGGCACGCAGTCAGTAAATGGCTCCGCTTGCAGACGTTCCTGGTAATCTTCCGGGATATCCAGATGCAGGGTCGAC TGAATAAACTTCTGCGCCAGCGGCGTTTTCGGATGCGAGAACACTTCACTTACCGTGTCCTGCTCGATCAGTTCTCCATT GCTGATGACCGCCACGCAATCACAAATGCGCTTCACAACGTCCATTTCGTGGGTGATCAACAGAATCGTCAACCCCAGAC GGCGGTTGATGTCTTTCAGCAGTTCGAGAATAGAACGTGTCGTTGCCGGGTCCAGCGCGCTGGTGGCTTCATCACACAGC  ${\tt AATACTTTGGGATTGCTGGCTAACGCACGGGCAATTGCCACACGTTGTTTCTGCCCACCGGAAAGATTCGACGGGTAGCT}$ ATCATGCTTATCGCCAAGACCAACCAATGACAGCAATTCCGTCACGCGACGTTTGACCTCGTCTTTCGGTGTGTTGTCCA GCTCCAGCGGCAGAGCCACGTTGCCAAAAACAGTACGCGAAGAGAGCAGGTTAAAATGCTGGAAAATCATACCAATCTGG CTCCAGCAGGTTTACACAACGTATAAGCGTACTCTTACCCGCGCCTGAGGCACCGATAACGCCATAAATTTGTCCAGCTG  $\tt GCACATGCAGGCTGACGTTGTTCAACGCCTGGATGGTGCGGGTGCCCTGGTGGAACACTTTGGTGATATTCGAAAGTTTT$ ATCATTGATTATTATCGTCATTAAGTTAGTCGTGGCATCTCGAATGCCTGAAACGGGCAACGCCGTCAATGAAATG GATGTTAAGGCATCCAGACGTCTAAATCAATCAGGTTTATGCGAAGACACTTTCTTGCAGGTCGAAACATGCGATACTA GCGTCACATGCCTTATTAAGGAGCTATAAAAGGTGGCGAAGAGCGTACCCGCAATTTTTCTTGACCGTGATGGCACCATT AAAAATGGGCTTTGCGCTGGTGGTAGTAACCAACCAGTCTGGCATTGCTCGCGGTAAATTTACCGAAGCACAGTTTGAAA CGCTGACCGAGTGGATGGACTGGTCGCTGGCGGACCGAGATGTCGATCTGGATGGTATCTATTATTGCCCGCATCATCCG  $\tt CAGGGTAGTGTTGAAGAGTTTCGCCAGGTCTGCGATTGCCGCAAACCACATCCGGGGATGCTTTTGTCAGCACGCGATTA$ GAACAAAAGTGCTGGTGCGTACGGGTAAACCTATTACGCCTGAAGCAGAAAACGCGGCGGATTGGGTGTTAAATAGCCTG GCAGACCTGCCGCAAGCGATAAAAAAGCAGCAAAAACCGGCACAATGATTAAAAGATGAGCGGTTGAAATAAAAATGCAT TTTTCCGCTTGTCTTCCTGAGCCGACTCCCTATAATGCGCCTCCATCGACACGGCGGATGTGAATCACTTCACACAAACA GCCGGTTCGGTTGAAGAGAAAAATCCTGAAATTCAGGGTTGACTCTGAAAGAGGGAAAGCGTAATATACGCCACCTCGCGA CAGTGAGCTGAAAGCCGCGTCGCAACTGCTCTTTAACAATTTATCAGACAATCTGTGTGGGCACTCGAAGATACGGATTC TTAACGTCGCAAGACGAAAAATGAATACCAAGTCTCAAGAGTGAACACGTAATTCATTACAAAGTTTAATTCTTTGAGCA

AACAGGAAGAAGCTTGCTTCTTTGCTGACGAGTGGCGGACGGGTGAGTAATGTCTGGGAAACTGCCTGATGGAGGGGGAT TGCCCAGATGGGATTAGCTAGTAGGTGGGGTAACGGCTCACCTAGGCGACGATCCCTAGCTGGTCTGAGAGGATGACCAG  $\tt CCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGTGGGGAATATTGCACAATGGGCGCAAGCCTGAT$ GCAGCCATGCCGCGTGTATGAAGAAGGCCTTCGGGTTGTAAAGTACTTTCAGCGGGGAAGGGAAGGGAGTAAAGTTAATACC TTTGCTCATTGACGTTACCCGCAGAAGAAGCACCGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCG TTAATCGGAATTACTGGGCGTAAAGCGCACGCAGGCGGTTTGTTAAGTCAGATGTGAAATCCCCGGGCTCAACCTGGGAA  $\tt CTGCATCTGATACTGGCAAGCTTGAGTCTCGTAGAGGGGGGGTAGAATTCCAGGTGTAGCGGTGAAATGCGTAGAGATCTG$ GAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACGAAGACTGACGCTCAGGTGCGAAAGCGTGGGGAGCAAACAGGATTA GATACCCTGGTAGTCCACGCCGTAAACGATGTCGACTTGGAGGTTGTCCCCTTGAGGCGTGGCTTCCGGAGCTAACGCGT TAAGTCGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCAAATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCAT GTGGTTTAATTCGATGCAACGCGAAGAACCTTACCTGGTCTTGACATCCACAGAACTTTCCAGAGATGGATTGGTGCCTT ACGTCAAGTCATCGCCCTTACGACCAGGGCTACACACGTGCTACAATGGCGCATACAAAGAGAAGCGACCTCGCGAG AGCAAGCGGACCTCATAAAGTGCGTCGTAGTCCGGATTGGAGTCTGCAACTCGACTCCATGAAGTCGGAATCGCTAGTAA AGAAGTAGGTAGCTTAACCTTCGGGAGGGCGCTTACCACTTTGTGATTCATGACTGGGGTGAAGTCGTAACAAGGTAACC  $\tt GTAGGGGAACCTGCGGTTGGATCACCTCCTTACCTTAAAGAAGCGTACTTTGCAGTGCTCACACAGATTGTCTGATGAAA$ TCCACTCAGGCCTACCAAATTTGCACGGCAAATTTGAAGAGGTTTTAACTACATGTTATGGGGCTATAGCTCAGCTGGGA ACTTCAGAGTGTACCTGCAAAGGTTCACTGCGAAGTTTTGCTCTTTAAAAAATCTGGATCAAGCTGAAAATTGAAACACTG AACAATGAAAGTTGTTCGTGAGTCTCTCAAATTTTCGCAACACGATGATGGATCGCAAGAAACATCTTCGGGTTGTGAGG TTAAGCGACTAAGCGTACACGGTGGATGCCCTGGCAGTCAGAGGGCGATGAAGGACGTGCTAATCTGCGATAAGCGTCGGT  ${\tt AAGGTGATATGAACCGTTATAACCGGCGATTTCCGAATGGGGAAACCCAGTGTGTTTCGACACACTATCATTAACTGAAT}$ CCATAGGTTAATGAGGCGAACCGGGGGAACTGAAACATCTAAGTACCCCGAGGAAAAGAAATCAACCGAGATTCCCCCAG  ${\tt AACTGGGCGTTAAGTTGCAGGGTATAGACCCGAAACCCGGTGATCTAGCCATGGGCAGGTTGAAGGTTGGGTAACACTAA}$  $\tt CTGGAGGACCGACTAATGTTGAAAAATTAGCGGATGACTTGTGGCTGGGGGTGAAAGGCCAATCAAACCGGGAGA$ TAGCTGGTTCTCCCCGAAAGCTATTTAGGTAGCGCCTCGTGAACTCATCTCCGGGGGTAGAGCACTGTTTCGGCAAGGGG GTCATCCCGACTTACCAACCCGATGCAAACTGCGAATACCGGAGAATGTTATCACGGGAGACACACGGCGGGTGCTAACG TCCGTCGTGAAGAGGGAAACAACCCAGACCGCCAGCTAAGGTCCCAAAGTCATGGTTAAGTGGGAAACGATGTGGGAAGG  ${\tt CGGAAGATGTAACGGGGCTAAACCATGCACCGAAGCTGCGGCAGCGCTTATGCGTTGTTGGGTAGGGGAGCGTTCTG}$ TAAGCCTGTGAAGGTGTACTGTGAGGTATGCTGGAGGTATCAGAAGTGCGAATGCTGACATAAGTAACGATAAAGCGGGT GAAAAGCCCGCTCGCCGGAAGACCAAGGGTTCCTGTCCAACGTTAATCGGGGCAGGGTGAGTCGACCCCTAAGGCGAGGC  $\tt CGAAAGGCGTAGTCGATGGGAAACAGGTTAATATTCCTGTACTTGGTGTTACTGCGAAGGGGGGACGGAAGGCTATGT$ TGGCCGGCGACGGTTGTCCCGGTTTAAGCGTGTAGGCTGGTTTTCCAGGCAAATCCGGAAAATCAAGGCTGAGGCGTGA TGACGAGGCACTACGGTGCTGAAGCAACAAATGCCCTGCTTCCAGGAAAAGCCTCTAAGCATCAGGTAACATCAAATCGT  ${\tt ACCCCAAACCGACAGGTGGTCAGGTAGAGAATACCAAGGCGCTTGAGAGAACTCGGGTGAAGGAACTAGGCAAAATGG}$ TGCCGTAACTTCGGGAGAAGGCACGCTGATATGTAGGTGAAGCGACTTGCTCGTGGAGCTGAAATCAGTCGAAGATACCA GCTGGCTGCAACTGTTTATTAAAAACACAGCACTGTGCAAACACGAAAGTGGACGTATACGGTGTGACGCCTGCCCGGTG  ${\tt CCGGAAGGTTAATTGATGGGGTTAGCGCAAGCGAAGCTCTTGATCGAAGCCCCGGTAAACGGCGGCCGTAACTATAACGG}$ TCCTAAGGTAGCGAAATTCCTTGTCGGGTAAGTTCCGACCTGCACGAATGGCGTAATGATGGCCAGGCTGTCTCCACCCG AGACTCAGTGAAATTGAACTCGCTGTGAAGATGCAGTGTACCCGCGGCAAGACGGAAAGACCCCGTGAACCTTTACTATA GCTTGACACTGAACATTGAGCCTTGATGTGTAGGATAGGTGGGAGGCTTTGAAGTGTGGACGCCAGTCTGCATGGAGCCG ACCTTGAAATACCACCCTTTAATGTTTGATGTTCTAACGTTGACCCGTAATCCGGGTTGCGGACAGTGTCTGGTGGGTAG TTTGACTGGGGCGGTCTCCTCTAAAGAGTAACGGAGGAGCACGAAGGTTGGCTAATCCTGGTCGGACATCAGGAGGTTA GTGCAATGGCATAAGCCAGCTTGACTGCGAGCGTGACGGCGCGAGCAGGTCGAAAGCAGGTCATAGTGATCCGGTGGTT  ${\tt CTGAATGGAAGGGCCATCGCTCAACGGATAAAAGGTACTCCGGGGGATAACAGGCTGATACCGCCCAAGAGTTCATATCGA}$  $\tt CGGCGGTGTTTGGCACCTCGATGTCGGCTCATCACATCCTGGGGCTGAAGTAGGTCCCAAGGGTATGGCTGTTCGCCATT$ TAAAGTGGTACGCGAGCTGGGTTTAGAACGTCGTGAGACAGTTCGGTCCCTATCTGCCGTGGGCGCTGGAGAACTGAGGG GGGCTGCTCCTAGTACGAGAGGACCGGAGTGGACGCATCACTGGTGTTCGGGTTGTCATGCCAATGGCACTGCCCGGTAG CTAAATGCGGAAGAGATAAGTGCTGAAAGCATCTAAGCACGAAACTTGCCCCGAGATGAGTTCTCCCTGACTCCTTGAGA GTCCTGAAGGAACGTTGAAGACGACGTTGATAGGCCGGGTGTGTAAGCGCAGCGATGCGTTGAGCTAACCGGTACTA ATCAGAACGCAGAAGCGGTCTGATAAAACAGAATTTGCCTGGCGGCCGTAGCGCGGTGGTCCCACCTGACCCCATGCCGA ACTCAGAAGTGAAACGCCGTAGCGCCGATGGTAGTGTGGGGTCTCCCCATGCGAGAGTAGGGAACTGCCAGGCATCAAAT TAAGCAGTAAGCCGGTCATAAAACCGGTGGTTGTAAAAGAATTCGGTGGAGCGGTAGTTCAGTCGGTTAGAATACCTGCC TGTCACGCAGGGGGTCGCGGGTTCGAGTCCCGTCCGCTCTATTAAGAAGCCTCGAGTTAACGCTCGAGGTTTT TTTTCGTCTGTATATCTATTATTGCCAGAATCGCAAAAATCCTCTGCATTTTACGCTCTTTTTCCTCAACAGTCTGAAGC  ${\tt CCATAATCACCTCAGTTAACGAAAATAGCATTAAAAGAGGGCATATTATGGCTATCCCTGCATTTGGTTTAGGTACTTTCC}$ GTCTGAAAGACGACGTTGTTATTTCATCTGTGATAACGGCGCTTGAACTTGGTTATCGCGCAAATTGATACCGCACAAATC TATGATAACGAAGCCGCAGTAGGTCAGGCGATTGCAGAAAGTGGCGTGCCACGTCATGAACTCTACATCACCACTAAAAT CTGGATTGAAAATCTCAGCAAAGACAAATTGATCCCAAGTCTGAAAGAGAGCCTGCAAAAATTGCGTACCGATTATGTTG ATCTGACGCTAATCCACTGGCCGTCACCAAACGATGAAGTCTCTGTTGAAGAGTTTATGCAGGCGCTGCTGGAAGCCAAA AAACAAGGGCTGACGCGTGAGATCGGTATTTCCAACTTCACGATCCCGTTGATGGAAAAAGCGATTGCTGCTGTTGGTGC TGAAAACATCGCTACTAACCAGATTGAACTCTCTCTTATCTGCAAAACCGTAAAGTGGTTGCCTGGGCTAAACAGCACG GCATCCATATTACTTCCTATATGACGCTGGCGTATGGTAAGGCCCTGAAAGATGAGGTTATTGCTCGTATCGCAGCTAAA TAAAAACCTGGAAAGTAATCTTAAGGCACAAAATTTACAGCTTGATGCCGAAGATAAAAAAGCGATCGCCGCACTGGATT GCAACGACCGCCTGGTTAGCCCGGAAGGTCTGGCTCCTGAATGGGATTAAGCCTCTCTGACAGCTCCTCCGGGAGCTGTT TTTACATGCTCGCTAAGGAAATCGATAAAAGCCCGGATGCGCGTACTTACCGCACGGTCGCTGTAATAGACGGCACTGAA  ${\tt CGGACAACACGCAATCCCGTTGCCACTCAGGCAAAGCTGTTTCAGTGTTTCCCCACTATTGGATGACAAACCGTACTTC}$  ${\tt AAAGTGCACCACTGGAGTTGCGGCATCGATCCGTAACAGTCCACGCGGTGTATTACGCGTCTCCATAATTTCTGATT}$ TAATTGTTCCGCTGCCCGGCTAAAGCTGCCGCTTTCGACGACCGAAACAAAATGGCGAGTTCTTCCGACGTGGCTTTCA GATTTAATGTTCTCCATAATGAGCAAAATTCTGACCGGTGTAAGCACTTGCTTACATAACAATATACAATTGCTCGTTGA AAGAGTGAGCTAAAATCCCTATAACAGTAGAACCCTCCCGAGTGCGGAAGGGTTGACGTAATAGAGGTTTCAAAGTCAAA GCATCGGCCAGGCATTACCACCTGGGGAACCGTTAAGTACCGAAGAGCGTATTCGGATCCTGGTGTGGAACATATACAAA   $\tt GCGAAGTCGGCACTGGTGACGGTCTATCCATTACCTGACACCCGCCTGTTGATGGTGGTTAATATACACGCCGTCAACTT$ TGGCGGGAGATTTCAATGCCTGGAGCCGTAGAAGGATGAACGCGTTATATCGCTTTGCGCGGGAAATGTCGCTGCGCCAG TGAAGCTTCTGTACTGGTTACGCGCGCTTCCGATCACAATCCGCTACTCGTTGAATTCAGTCCCGGCAAGCCTGATAAAT  ${\tt AAGGTATGTCAGGTCTGCCACAGGGCAGACCAACGTTTGGCGCTGCGCAAAACGTGAGCGCGGTGGTGGCGTATGACTTAGCTTAGCTTAGCTTAGCTTAGCTTAGCTTAGCTTAGCGGCAAAACGTGAGCGCGGTGGTGGCGTATGACTTAGCTTAGCGGCGCAAAACGTGAGCGCGGTGGTGGCGTATGACTTAGCTTAGCGGCGCAAAACGTGAGCGCGGTGGTGGCGTATGACTTAGACTTAGCGGCGCAAAACGTGAGCGCGGTGGTGGCGTATGACTTAGACTTAGACTTAGACTTAGACTTAGAGCGCGGTGGTGGCGTATGACTTAGACTAG$ TCTGCCCACATGCTGGATGTCGTGGCACAAGCTGCCGAAGCCCGGCAACTGAAAAATATCACCACCCGCCAGGGATATGC CGAAAGTCTGCCATTTGCCGATAACGCATTTGATATTGTTATCAGCCGTTATTCTGCCCATCACTGGCATGATGTTGGTG  $\tt CAGCACTGCGAGAAGTGAATAGGATATTGAAACCTGGCGGTAGGCTGATTGTGATGGACGTAATGTCTCCGGGTCACCCA$ GTGCGCGACATCTGGTTACAGACGGTAGAAGCATTACGCGATACCTCTCACGTACGAAACTACGCCAGCGGTGAGTGGTT GACGTTAATCAATGAAGCCAATCTGATAGTTGATAATTTAATTACAGATAAGTTACCGCTGGAATTTTCTTCATGGGTCG CGAGAATGCGTACGCCAGAAGCGTTAGTAGACGCTATTCGCATTTACCAACAGAGCGCATCGACAGAGGTGAGAACGTAT  ${\tt
ACCGGGGGAATCGGTGCCTTTTTATTATCTGGTTTGTCAGGAATCTGGCATGTTGTTGTTTTTCACAAACACGTCAGCTCA$ TATCGCCTGGTTGCAGATTCGCAGTGTCGCTGTTCCAGCGCATCACATCTTTGATGTTCACGCCGTGGCGTTTAGCAATG  ${\tt ACCAATCGTCAAACTTTGGCCTGGCTTCAGCTTAGATCCGCGCAGTTTGTTCCACTGCTAAATCTTTGGTGCTTACGC}$ CGAGACGTGAAGCGATACTTGAAAGCGTGTCGCCAGAGCGTACGGTGTAAACACGGCTGTTAAGCGGCGTATTGTCGGCA  ${\tt ACCAGCGTCGACTGTACAGCAGCAATTTCGCCTGAAGCCAGAGATTCACGCAGTTGATCTGCATGCTTCTTTGGCACCAT}$  $\tt CCGCCATATCTGCTACCTTCGCCATTTCAACCGGGCTGCTCAGGTGCACACGCGCCAGAGCACGGCTTTCATCGGTCGTT$ GGCAGACGTACGCCATAACGCTTGCTGTTTTTGAGAATATCACTCAATGCCAGCATTTTAGGCACGTACTGCTTCGTTTC  $\tt CTGCGGCAACGGTAACGACCAGAAGTCCGTGGATTTCCCACGCGCTTTGTTCGTTTAATTGCCTTCATGACCCGACCTT$ CGCCGCTGTTATAAGCCGCTACGGTCAGAAGCCAGTCGCCGTCAAACATTTTGTTCAGACGCTGCATCATATTCAGCGCG GCAGTTGTTGAAGCAACACATCGCGACGCGCGTCATAATTGCGGGTCTGTTTCAAACCATAATTGCGCCCCGTGCTCGG TGGAGATAGCTCTTATTGCGTAAATATTTCTGTTTCTGTTCGCGAATCCGGTCATTTTCCGGAATTCCCATCTTTAGCTC CAATAATGTTTCTTCATTAATTACATTAAATCAATATCTTCCGTTCTTAAAAAACATTAATTTGCCGCTCATTTT TCAGAATTACGGGTAGTGTTATTTGATTTTTTGCCCGTAACTCCTTAACTTTACGATAATAATCATTTATGGACAAATCG TGCGGAAGAATACTCAAAGCAAACTTCATATTTGATAAGGTATATTCATGAGCACAACATACCAATGTATCGTCAGGTAA CGCACTTAACTTTTTAAGTGATTGATACATTTGTGATGCTGTCCCTTCAAACACCGACCACACCCCCCAGAAAACAGTG TGTCGCCGCAAAATAGATAAGGTTTACTGAAGTAACAGATATGTCCTAAAGTGTGACCCGGCGTAGCAATTACACTAAAT TCATGCCCCAAAACGAAGGCAGTTTCGCCATCTTTGACTACCTGTGTTGTTCCCTTATCTTGTGTCTCTTGTGGACCATA GCTTCATCATCAAAACCCAGATGTAATTGTCATCAAAGGCGGGAATACTGTTAAGATTCATAGATTACCTCTCAGTGTG AAACGGAAGGTTGTGATGAAACCGGCAAGAGTCCCTCAAACTGTCGTGGCTCCTGATTGCTGGGGCGATTTGCCCTGGGG AAAGCTTTATCGCAAGGCGCTGGAGCCCAGCTCAACCCGTGGTTCACTAAAATGTATGGTTTTCATCTGCTTAAGATTG GCAATTTAAGCGCAGAAATCAATTGCGAAGCGTGCGCGGTTTCTCATCAAGTGAATGTTTCTGCGCAAGGAATGCCCGTC ATCCCATCAGTTTTATGGGATTACGCAAACTTGTGCCGGTATTGCGCAAAACCTCGCCCTATAACAGCCGGATGTTTACT CAAACACGGAGGAAAACTATTGAATGCGCATATTCCTGCGCTTGGTTGCTTACAACTTATTGTTGCCCGGAAACGGACTA TTCCTTTAACGCTAAATCCGATGAAACAGAGTAAAAACAAGCCACGAATTCGCCAGGCGGTTGGAGCCACCCGGCAATGT CGTAAACCACAGGCTTAAACTTCAACTTGGTAGCCTGTATCTTCCAGTGTGGGATTCATCGCCGCGCACGAGCCAGTTC ATCACAGCGTTCGTTTTCCGGGTGTCCGGCATGGCCTTTAACCCATTCCCATTTGATTTGATGCTGCCCCAATGCAGCAT  ${\tt CAAGACGTTGCCAGAGATCGACATTTTTTACTGGTTTTTTGCTGCGGTTTTTCCAGCCACGTTTTTTCCAGTTATGGATCGGTTTTTTGCAGTTATGGATCGGTTTTTTGCAGTTGCAGTTGCAGTTGCAGTTGCAGTTATGGATCGGTTTTTTGCAGTTATGGATCGGTTTTTTGCAGTTATGGATCGGTTTTTTGCAGTTGCAGTTGCAGTTGCAGTTGCAGTTGCAGTTGCAGTTATGGATCGGTTTTTTGCAGTGAGTTGCAGTTGAGTTGCAGTTGCAGTTGCAGTTGCAGTTGCAGTTGCAGTTGCAGTTGCAGTTTTTTTGCAGTTGAGTTGCAGTTGCAGT$ CACTGGGTGATACCCTGGCGGACATACTGGCTGTCGGTACTCAAAATGACTTCGCAATGTTCTTTTAACGCCTCCAGCGC GACAATAGCGGCCATCAACTCCATACGGTTGTTGGTGGTGCGGGTGTAGCCAGCGCTAAAGGTTTTCTCGCGTCCGCGAT AGCGTAAAATAGCGCCGTAACCCCCAGGTCCTGGATTGCCCAGACACCATCGGTGAAAATTTCTACCTGTTTAAGC ATCTCTGGTAGACTTCCTGTAATTGAATCGAACTGTAAAACGACAAGTCTGACATAAATGACCGCTATGAGCACTGCAAT TACACGCCAGATCGTTCTCGATACCGAAACCACCGGTATGAACCAGATTGGTGCGCACTATGAAGGCCACAAGATCATTG AGATTGGTGCCGTTGAAGTGGTGAACCGTCGCCTGACGGGCAATAACTTCCATGTTTATCTCAAACCCGATCGGCTGGTG GATCCGGAAGCCTTTGGCGTACATGGTATTGCCGATGAATTTTTGCTCGATAAGCCCACGTTTGCCGAAGTAGCCGATGA GTTCATGGACTATATTCGCGGCGCGGAGTTGGTGATCCATAACGCAGCGTTCGATATCGGCTTTATGGACTACGAGTTTT  $\tt CGTTGCTTAAGCGCGATATTCCGAAGACCAATACTTTCTGTAAGGTCACCGATAGCCTTGCGGTGGCGAGGAAAATGTTT$ GATGAAGAGATTGCAGCTCATGAAGCCCGTCTCGATCTGGTGCAGAAGAAGGCGGAAGTTGCCTCTGGCGAGCATAAAT ACCTGTGAAAGGCGCTAAAAATAGCGACTTGGGCGATTTTTGCAGCAAACGATTCAAAAGATGAGAAAAACCGTTGACGA  ${\tt AGGTCGAGGCAATCCGTAATATTCGCCTCGTTCCCAACGGAACACACGCGGAGCGGTAGTTCAGTCGGTTAGAATACCT}$ GCCTGTCACGCAGGGGGTCGCGGGTTCGAGTCCCGTTCCGCCACTATTCACTCATGAAAATGAGTTCAGAGAGCCG  ${\tt CAAGATTTTAATTTTGCGGTTTTTTTTGTATTTGAATTCCACCATTTCTCTGTTCAATGATTTTACTCTGGCGTAGGTGC}$ GTGATTCTCGCTTGTTGTCTCATTCATTAAAATTCAATAATGATATCGAACCATTCAGCTTAAATATATTTCTAGAGAAT CGTTATCAATGCTAAATATTCTAATCATTATGACAGGCGAGGGAGTGTCCAATTATGAATTCAAAAAAGCTTTGTTGCAT ATGTGTGTTATTCTCGCTGCTTGCAGGATGTGCCTCTGAATCTTCTATTGATGAAAAGAAGAAAAAAAGCTCAAGTCACAC GAAGAGGATATTCAAGCTGCGCTTGATGGAGATGAGTTCCGCGTTCCCCTTAATTCTCCTGTAATACTTGTTCAATCCGG GGCAAAAGCCTCTGACTTGTAACAAAAACAAAGATAAAAATGAGAACGAGGATGTTGCCAGTGCTGAGAATATGAACTGG ATATGACTCTGCGCTGAAATCAACAGTATGGTCCGACTATAAAAATGACAAACTCACTGACGCTATCTCCCTGCGCTACC TGGTACGTTTCACGCTGGTGGATGTGGCAACAGGTGAGTGGGCTACCTGGTCGCCGGTGAATTATGAATATAAAGTGCTT  $\tt CCACCATTGCCCGACAAGAATGAAGCCAGTACGACTGATATGACAGAGCAGCAAATCATGCAACTTAAGCAAAAGACCTA$ TAAAGCGATGGTAAAAGATTTGGTTAACCGCTATCAATAAATTATATCTGCCGCCAGGAATTTCTGGCGGCAATAAT A CAAAATTCTTTGCATAAGAAATTTTTCTTGACAAAGACAGTGCAAGAAAGGACATGGAATCCGGAGTTAAAAACTGTTTGTTTTAGAATATTTAACTGCTGAATCTTCCTTGCGAGAAATATATCCATTATTACATTTCATGCCATTTTTA ATATAGATTGCTCCTGGGAAAATTCCCGTATTATTACCGCAGGGGTGATAATTAGTATTGACATATCCTGTGACAAAAGG AGCTATTAAAGGTGCTATTACGATAGCTATTAGTAAAAATATAAGAGTTAGCTGTATTGTTATGTCTGTGGCGAAATTGA AAACCGAAGCACAGAATCAACATTCTCCAATCATAAAATATTTCCGTGGAGCATTTTATTATTGAATATAGAGGTTTAAC TCCGGTAAAAAACAAAGAAGCATTGAATGCAGGGAAAAATAATATGGCCATAAAAAACATCGAAAGAACTCTTTTAATT TTCCATTTATCAAGTTCCTGTTGCCGTTTTAGTCCATCTCTAATTGCATATTTTAATTTTTCTGATAAATGGCATTGAGC ATCGATTTCATTTAAAACAACTGTACACACTATCCCTGTCAGTAAAATTGCTCCTCCGACAAGAATTACTGGAAAGCCAA AGCTAACACAGGCAAAAGAAGCCAGACTTCCAATAGCGGTTGCAACACCCCGGCTATAACTGCTTTTGGCCACATCCATT GAAAAATCGCCAAGAAAATTAACCAGATCTCGCTCTGAACTCATAATAAATTCTATGGTTCTGCTGATTTAACCGCAGAG CGACTACAAAATAAGAAGAGGAAACGCAGCAGAATTATTTTCAGGGATACGGCACATTGCTATTAATATTTTGACGAATG AGAAGGTATTCAAGGCAGGGTTAAGACGTAAGATGCGAAAAGCAGCCATGGACAGAAACTACCTGGCGTCAGTCCTTGCG GCATCCTGCCATGCCGGAAACTTTTCTCTATATTCCCGCAATGCTGCCATCGACAGCTCCGCATCAATGCGCGTTGCCTG ATGCGCGTCGGCAGTAGCGATAATCTCTCCTTGCGGATTAATCACCCGGCTGTCACCGCGATAATGGCAGCCGTTGCCAT GTCGTAGCACCACCAGCGGCAAAATACGCCAGCCGCCCATTCCACAATCACTCGCGCATTGCCCGCTTTATAATGTAGAT GCTCATCTGCCATGCGGAACAGATGACGCTTATCATAAAAATGTACCGTGCCGCCCGGCTCAACCAGCAAAAAGCGGTTA  ${\tt ACCGAACCAGACTCCGTTTGTAATGCAACACTGCCTGCAATCAGCGCATTGCACTGCTGCCGCCTTAGCTGTCATCCAGTT}$ CACTACGTCATCTTGTGCTAGCGACGAAGCTGCCGCTTCCATGGCAAAGCCGCTGGTAAACATCTCCGGTAGAACGATCA TGCAAAAGCGTAATCTTCAAACCAGGCACGGTGTACAACTCCTTTATGCGAAGGGTTTTATAACTTTAACACCTTATCAG GCAGTTGCCTTAGCGCAGAATAAATTGATAACAAATGCTGATATTGGAAATATCTGATTTTGCAAATTATCGTGTTATCGC  ${\tt CAGGCTTTAGGAGGTTAATAACATGGGCAGGATAAGCTCGGGAGGAATGATGTTTAAGGCAATAACGACAGTCGCCGCTC}$ TGGTCATCGCCACCAGTGCAATGGCGCAGGATGATTTAACCATTAGCAGCCTTGCAAAGGGCGAAACCACCAAAGCTGCA TTTAATCAGATGGTACAAGGGCATAAGCTGCCTGCCTGGGTGATGAAAGGCGGTACTTATACTCCCGCACAAACCGTAAC GTTGGGAGATGAGCGTATCAGGTGATGAGCGCGTGCAAACCGCATGACTGTGGCTCGCAACGTATCGCTGTGATGTGGT  ${\tt
CCGAGAAATCTAATCAGATGACGGGGCTGTTCTCGACTATTGATGAGAAAACGTCGCAAGAGAAACTCACCTGGCTGAAT$ GTGAACGATGCGCTTTCGATTGATGGTAAAACGGTGTTGTTCGCGGCGTTGACCGGCAGCCTGGAAAACCATCCGGATGG  $\tt CTTTAATTTAAATAATTAGCGGATAAAGAAACGGAGCCTTTCGGCTCCGTTATTCATTTACGCGGCTTCAACTTTCCGC$ GACGGGTAAACGGCAGGTTTTTACCCAGCTCTTTACAGATCCGCTGATGAATTGGGTCGGCGGCAATCACATCCACCAGC GCCTCTTCCAGCAACCGGATTATGCTCGCTCGGCGTCAGGTACTGACCGCGACCAATGCGGGAACGGGTGGCGTT GCATCTTGTACGCCCCAGTGCACCAGCGGCAGGTCGGCTTCATTACGGCCTTCGTCGTCATAACGCTTCAGCACGGCAGA GGCGAGGTAGAGCTGGCTTAAAATATCCCCCAGACGGCCGAGATGCGCTCGCGACGTTTCAGGCTGCCGCCCAGCACTG GTTGGCGTGCTGCTTAAACCGCGCGTCAGGCCCAGCCAGAAGCTGCGAACTTTGTTGCTACCGACGTGACCGATATG GAATCGCTCCTTGTCCGAAGATCATCATGCTGCGGGTCAGAATGTTAGCCCCTTCAACGGTGATGGCAATCGGTGCGCCC TGGTAAGCACGCGCCAGGAAGTTGCTTTGCCCGAGCATAATGCCTTTACCGCCGGTAATATCCATCGCATCAATAATCGA TAATCAGCGATGCCGCAGCATCCATCACGTAGGCATTACCGGCAATACGCGCCCAGCGGCTCTTCAATCCCTTCCATCTTA GTTGGAAGGCAGGGTGATGCCGCGGCCTACCGAGAGGCACTCCACCAGCATCCGCCAGCCTTGCCCGGCCATTTTCGGCC TGGCGACGACCAATTTCCACGCCCGGCGTGGTGGTTGGGATCAGCGCACAGGTAATGCCTAAATCTTCTGCACCGCCGAG TAATTTTCCGGGTCGGAGAGTTTAAACGCCAGCCCAAGCACGGTCGCAATCGGTGCCAGCGTAATGTAGCGTTTGTTCC AGGTCAGACGCATCCCCAGCACCTGCTGCCCTTCCCCTTCGCCCATGCAGACAATCCCGGTGTCCGGAATCGCGCCCGCA  ${\tt TCGGAACCCGCTTCCGGGCTGGTCAGTGCAAAGCAGGGGATCTCCTGACCACGCGCCAGACGCGGCAGATAGTGATCTTT}$ ATCATCGCGAAGAACGATGCTCTTTAAGGTACGCCCACAACTCCGGCGGCAGATCCGCCAGCTCATGGGTGATCTGGAA ATCATTCGCCATCCGGCAGGCTTCTTCTACCGGGCCGTCGAGAAACGCTTGCTCTTCGGCGGTCAGGCGCGGCTGCGGAT AGTTATGCAGCTTTTTCCAGTCCGGCTTGCCCTGGAACAAGTCGCCCTCCCACCAGGTGGTGCCCGCATCAATCGCTTCT TTCTCAGTGCGCGACATCGGCGCATCACCTTACGGAAACCGCGAAATACCGGCGCGAAATCATCGACTTACGCATAGG CGCAAAGTTAAATGGCACGAGGATAATGGCCAGAGGCACCAGTACCCACGCCGACCACAGACCAGCAACGCCGAGGGCGG CTGTCCAGGCGAGCAAAATCAGACTGCTGATAAATAAGCTCACGCGGTGATAGAACAACGCGCCGAGCAGGACAACCGTA GCGAGAATACTCAAAATCATCATAACGAAAAGCCCCTTACTTGTAGGAGGTCTGACCACTTGTGATGATATGGTTGTAGT GGATGTAAAAACATTTAGCAATATGTTTACAATATAATTACAACAAAGCTCACATTGTTGCTGTTTTTATCCGCACTTCA GGTCAAAAAGTCCTGGTCATAGCACCTGCCCGTACTTCTCGCTTTTTGGCGGTATCCGGTACACTGCATTTTGTCTATTAC ATTTATGCTGAAGGATATCCTCATGTACCAGGATCTTATTCGTAACGAACTGAACGAAGCGGCGGAAACGCTGGCTAACT TTTTAAAAGATGACGCCAATATTCACGCCATTCAGCGCGCGGCGGTCCTGTTAGCAGACAGCTTTAAAGCCGGTGGCAAA GTGCTTTCCTGCGGCAACGGCGGTTCCCATTGCGACGCTATGCACTTTGCCGAAGAGTTGACCGGTCGCTACCGTGAAAA TTTTCTCCCGCTACGTTGAAGCGGTAGGTCGCGAAGGCGATGTACTGCTGGGGGATCTCCACCTCCGGTAACTCTGCAAAC GTGATCAAAGCGATCGCAGCGCGCGCGTGAGAAGGGAATGAAAGTGATCACCCTGACCGGTAAAGACGGCGGCAAAATGGC TGGCACGGCGGATATCGAAATTCGCGTACCGCACTTTGGTTATGCCGACCGCATTCAGGAGATTCACATTAAAGTGATCC GCATTTGTGCGCTGATGCCTGATGCGACGCTGACGCGTCTTATCATGCCTACAAATCTGTACGCGAACCGTAGGCCGAAT TTACCCATGTGCGAATTGCTCGGGATGAGCGCCAACGTCCCTACCGATATCTGCTTTAGTTTCACCGGGCTTGTACAGCG TGGTGGTGGAACCGGGCCACATAAAGATGGCTGGGGCATTACCTTTTACGAAGGTAAAGGCTGTCGCACATTTAAAGATC  $\tt CACAACCCAGCTTTAATTCCCCCATCGCCAAACTTGTCCAGGACTACCCGATAAAATCCTGTTCGGTGGTGGTCATATT$ TGCCCATAACGGACAACTGACGGGCTACAAATCACTGGAAACCGGCAACTTCCGCCCGGTAGGCGAAACCGACAGCGAAA AAGCCTTCTGCTGGCTCCTGCATAAATTAACGCAGCGTTACCCGCGCACACCGGGCAACATGGCGGCGGTATTTAAATAT ATCGCCTCACTGGCGGATGAACTGCGGCAGAAGGGCGTTTTCAACATGCTGCTTTCGGACGGCGCTATGTAATGGCGTA TTGCTCGACTAATTTACACTGGATCACCCGCCGCGCGCCGTTTGGCGTGGCAACGTTGCTGGATCAGGATGTGGAAATCG AAGATTATGCCAGGCGAATGGCGCTTATTTTGCCTCGGGGAGCGTGTAGTTTGATGCCAGTTGTGGCTGCACAACTTCGTGGCTTAACGGCTTGCTGACCACGTAACGACCATTGACCACAGAAACGGTTGGTGGCTTACGGGTTTGCTCAAAGTAGTCG TAACCCGGCTTCAGTTGCTCCCAGAAGTCCTTAAAGTTGGAATATTTATGGCGCTTCATATTGGCGTCGGTCATGCGGAA CGGGTAAATACTCACTTGCACGCTCGGCTGACCAAACACCAGCGCACCAGTAACGAACTGGAATATCTCATCAATACCCT GATTGGTCATTGCGTAGCAGCCGATGGAAACACAATCGCCGTGGATCATCAGGTATTTCCCTTCATAACCATGCGCACGG TCATAGGCATTGGGGAAACCAATATTAATCGCTTTGTAGTAACGGCTGTCTGGTTTTAACTGATTACGCTGGACGCTATA AAACCCTTCCGGGCTTTTGAAATCGCCCTGACGCTGTTTTGGCCCTAAGCCGCCGGAATATTTACAGATTTTATAGCTGT  $\tt CGAGCAGTTGATATTGCTCGCCCATTTTGACGTAGAGATCGAGCGTACGTTCTTCCTTGAAGATCTGGATGTAGACAGGG$ GATCCCATCAACTGCTGCTTATACTCTTTGCTCACAGGCGTGGTAGAGCTACTGCTGCCCAGCAAACCGGCAAATGAAAC GCACGGGATCAACAACATCGCAAGAATTAATGCGATTTTACGCATACTGCTTATTCCTTGATAAAACGGTTACACACGCC AGGACGGCAAAATGGATCCCAAATCGGAATAGTCTGGATTTGGAAGGCTCACATTATCACCAAAAGAGTTTTACGCAAGCCGTAAAAGTTTATCGGTAAGTTTGTAAATCAGGATCCAGTCCGGTTCGACATGAGCATCGCGATAACCTTTCCATGAACC TTGCAGCGGGTGGTCTTTATAAACAGCTGGAAGCGGTAAAGTATTATTGATAAGAAGCGTCATAAGATATTTCAATTTAT TCATATCCTTATGACGCTTTTGTGCAAGTTTTACATCCTTTGAATATTGTCCCGAGTATTCAATATCCCTTTGAATCATA TTTAAATTCCTAATTTATCAAATAAATCATCGGCGTCTTTGGCCTTATGAACATCAATGCCAGCTTCGCTGTTTTTGATT GATTGAATGGTTAATTGATTAGGCTCGCGTAAATCAAACGGCAATGCCTTTTCACGCGCGACCTTTGTGAGGGTTATGCG AACCAGGTCAGAGATGGTCAGCCCCATCCCGGCCAGTACGTCCGCCTGATTCTTCAGATCTTCATCGATTCGGGCGC GTTTATTAAGTTTGTTCAGAAACGATCCGGGATACACTGCAACATTAAAGCATGACCAGCCATTATTGAGTATGTCCTTG  ACATATCTCTTTCAGCTACGCCGCCCGCCAGCGGATGCAAAACCGTGCGCGTTTATTAAAACAGTACCAAACTCATCTGA AAAAGCAGGCCAGCTATATTGTGGAAGGCAATGCCGAAAGCAAAAGGGCGCTACGCCAGCACAACCGGGAGCAGATAAAA  $\tt CAGCATCCAGAATGGTTTCCTGCTCCGCTCAAGGCGAGTGACAGACGCTGGCAGGCGCTGGCGGAAAACAACCACTTTTT$  $\tt CCGCGCACGGCCAATGAGATGTACCACTATCGCCGGGCAACGATTGTGGCGAACAACGACCTGCGCCGGGGAGATTTGCT$ GTTTTTCCATATCCACAGCCGCGAGATAGCCGATCATATGGGCGTGTATTTGGGCGATGGGCAATTTATCGAGTCGCCAC GGCGCGTCTTATCATGCCTACGAGCCCGCGAATATTTGCGAGCCGCTTTCCCGATATAAAACAACCTCATTGCCAACCTT TCCTTTCTTCTTACCGTTGAGAAAAAGGAGTCGCCATGTCTGAATATCGTCGTTATTACATCAAGGGGGGAACATGGTT TTTCACGGTGAATTTACGAAATCGTCGAAGCCAACTTTTGACCACCCAGTACCAGATGCTCCGTCACGCCATTATTAAAG TTAAGCGAGACAGGCCTTTTGAAATCAACGCCTGGGTCGTTTTGCCAGAGCATATGCACTGTATCTGGACATTACCTGAA GGCGATGATGATTTTTCCTCGCGCTGGCGGGAAATTAAAAAGCAATTTACCCATGCTTGTGGATTGAAAAATATCTGGCA AGCATGGTTGGGTAAAGCAAGTGAGTGATTGGCCATTCTCAACGTTCCATCGCGATGTCGCGCGAGGGTTATATCCCATCGCGATGTCGCGCGAGGGTTATATCCCATCGCGATGTCGCGATGTCGCGAGGGTTATATCCCATCGATGTCGATGTCGCGATGTCGCGAGGGTTATATCCCATCGATGTCGATGTCGATGTCGAGGGTTATATCCCATCGATGTCGATGTCGATGTCGAGGGTTATATCCCATCGATGTCGATGTCGATGTCGAGGGTTATATCCCATCGATGTCGATGTCGATGTCGATGTCGAGGGTTATATCCCATCGATGTCGATGTCGATGTCGATGTCGAGGGTTATATCCCATCGATGTCATGTCATGTCATGATGTCGATTGGGCGGGGGACGTAACGGATTTTAGTGCCGGGGAGCGTATCATTTCATAATTGTGCGCAGATGCCTGATGCGACGC TAGCGCGTCTTATCATGCCTACAAACTTGTGCCGGATCGGTAGGCCGGATAAGGCCGTTTATGCCGCATCCGGCAGTTATG CGCAGATGCCTGATGCGACGCTGGCGCGTCTTATCATGCCTACAAACTTGTGCCTGAACGGTAGGACGGATAAGGCGTTC  ${\tt ACGCCGCATCCGGCAGTTGTGCACCAATGCTGGATACTTACATCAACGCCCCCATAATCTTCAACTCCAGCTCATCCGGC}$ ACTTCGTTATACGACAGCACATGCAGCCCCGGCGCAAACACCTTGCATAACGCGCCAGCAAAGGGCGCAGCTGCGGTGG TATTCGGATCGACCGCCCTGTTCGAGCATCACTTTCCCGCCCTGTTGCGCCTGATTCACCACGTTGGTCAGCAGATTT CGCGCAGGGAAACGCCTTCGGTCAGCAGCGCCCGGTACACTTTCAGCAACTGGCTGTAATTGAGCGCCGCGCTCAAATCT TCCGCCAGACGCGGTGCCGTCGACGATAAACGGTTATGCAACTGCGTAATATCATCATAGTTAAACAAATCAGGAATATA GCTGCGCACAATCTTATTTACATGGGTAGCGATCACGCTGGCGCTGTCGATCACCTGATACCCCATATTCAGCGCCTTCG GTTTCGCTGGAGGGCCATCAGTTTATCCGCCGGAATATCCGCTTCATCAGCCTTTATGCCGTTGATGAAAATGGC GTACTGACTGGCTTAAGGCGGAAGTTTTCCCGAATGCGGATCTCCGGCAGCACGCCGTTGCCGTCAGAAATCACCT GCCGCACGCCGCGAATCCGCTGGGTGAGCGGGTTACCCTGTGCTTTGTCCACCAGCGCCACCAGTTTGTAACCGAGGCTT TTCGAGGCTTTTCTCTCCGCCTCCGCCGCCAGCGGCTGTTTGCTCATCCGCCAGCCGGTAAAACCAAGCAGGGCGCTGA ACAGCAAAAACGGCAGGTGCGGCATTCCCGGTACCACCGCCAGCACATAATCCCGGTGGCGGTGTAGAGCACCGAC GGGCTTGCCAGCAGCTGGTTACGCACGTCATGGGCGATATCGCCGTTGTCGCTGACGCGGGTGACGATAATCGCCGCCGC GGTGGAGAGCAGCAGGGAAGGGATCTGCGCCACCAGGCCGTCGCCGATGGTCATCAGCACATACTGCTGGAAGGCAGCAT CGGCGCTCAGGTTGTATTTGAAGATCCCGATACAGACGCCGCCGATCAGGTTGATCGCCAGAATCATCATCCCGGCGATG GCGTCCCCGCGCACAAACTTCGATGCCCCGTCCATCGCGCCGTAGAAATCGGCCTCGCTGGCAACATCTTTACGCCGGGT TTGCGCCTGCTCGTTGATCAATCCGGCGTTAAGATCGCCGTCAATCGCCATCTGTTTGCCGGGCATCGCGTCTAAGG TAAAGCGGGCAGAAACCTCGGAAATACGCTCGGCCCCTTTGGTGACGACAATAAAGTTGATTGTCAACAGCGTCAGTAAA AAACGGCGCTGCTGAAGAAGAAATCCGCCACCGAGCTTGGTGAGCTGGCAACCAGTATCAACACCATTGCCCGTGATGCG CATATGGAAGCGAATCTGGAGATGGAGATTGTTCCCCAGGGATTACGCGTGCTGATTAAAGACGACCAGAACCGCAATAT ATAATAAAATTATTATCCGGGCATACCGATGCGATGGCCTACAAAAACAATATCTACAACAACTGGAACCTTTCGGGT GACCGCGCGCTTTCGGCTCGTCGGGTGCTGGAAGAGGCCGGAATGCCGGAAGATAAAGTGATGCAGGTAAGCGCAATGGC GGACCAGATGCTGCTGGATTCCAAAAATCCGCAAAGCGCGGGCAACCGGCGCATTGAGATTATGGTGCTGACCAAAAGTG GTGTTGAGAGGTGAGCAATGCGTAAAATCATTCATGTGGATATGGACTGCTTTTTCGCCGCAGTGGAGATGCGCGACAAT GCTTTGACGCCTACAAAGAAGCCTCAAATCATATCCGTGAAATCTTCTCGCGCTACACCTCGCGCATTGAACCGTTGTCA GACAATCTTCAACGAGCTGCAACTGACGGCGTCTGCGGGCGTGGCACCAGTAAAGTTTCTCGCCAAAATCGCCTCCGACA TGAATAAACCCAACGGCCAGTTTGTGATTACGCCGGCAGAAGTTCCGGCATTTTTACAAACCTTACCGCTGGCAAAAATC GGTGATGCTGCTTAAACGCTTTGGCAAATTTGGCCGCATTTTGTGGGAGCGTAGTCAGGGGATTGACGAACGCGATGTTA ATTATCGAGCGCTGTATCCGGAACTTGAACGCCGTCTGGCAAAGGTAAAACCTGATTTACTGATTGCTCGCCAGGGGGT
GAAATTAAAGTTCGACGATTTTCAGCAAACCACCCAGGAGCACGTCTGGCCGCGGCTGAATAAAGCTGATCTAATCGCCA CTGTATGCATCGAATTCTCGCTGAAAAATCGGTCAATATCACTGAGTTACGTAAAAACCCAGCTAAATACTTTATTGATC AACCGGTTGCGGTTCTTTCTAATAATCGCCCCGCAGGATATCTCTTAAGTGCCAGCGCATTCGAAGCGTTAATGGACATG CGCTGAACAATATCTTAATGATATGACGGATGATGATTTCAATGACTTTAAGGAATAAGGATGCGGGTATTCAAAACAAA  ${\tt ACTTATTCGCCTGCAACTTACAGCAGAGGAACTTGATGCGTTAACGGCGGATTTTATTTCCTATAAGCGTGACGGTGTTT}$  ${\tt TGCCAGATATATTTGGTCGCGATGCACTCTACGACGACTCCTTTACCTGGCCATTAATCAAATTTGAGCGAGTTGCTCAT}$ ATTCATCTGGCAAATGAGAATAATCCATTTCCGCCACAGTTGCGCCAATTCAGCAGAACGAATGACGAAGCGCATTTGGT ATATTGTCAGGGGGCGTTTGATGAGCAAGCATGGTTGCTCATTGCCATTCTGAAACCTGAACCTCATAAACTGGCTCGAG ATAACAACCAAATGCATAAAATTGGGAAAATGGCAGAAGCGTTTCGCATGCGTTTTTGAATTATTATTATGAATAACATA CAAATAAGAACTATCAGCCTGGCGATTTTCAGCAACTATGCGCTATTTTCATTAGAGCGGTTACGATGACCGCCAGTCA GCATTATTCACCACAACAAATTTCCGCCTGGGCGCAGATTGACGAATCTCGCTGGAAGGAGAAACTCGCGAAATCACAAG TGTGGGTTGCGATCATTAATGCACAACCGGTTGGTTTTATTTCCCGCATTGAACATTATATCGATATGTTATTTGTTGAC CGCGTTTTCTGATTCCACAAACTGCAAGGAGGTAAATCATGACAAATCCTTTATCAATGACTCTTTGCAGACCTTTCCAG GATTAATTCTTTTTTTTTCTTGCCCTGGATTCGTCTGCCATTTCCTGATTTTTATATATTTATATACTCTAAATAATTCGAGTT TGCAACTTGAAGTATGACGAGTATAAATGGAATGGTACATGGGCAAATATATTCGTCCCTTATCCGATGCGGTATTTACC ATCGCATCTGATGACCTGTGGATCGAGAGTTTAGCGATCCAACAATTACACACCACGGCAAAATTTACCCAACATGCAGCG  $\tt CGGCAAGACGTCGCGGTAACGGTGCTGGAAACAGAAACGGGCCGCTACTCTGACACACTGCGTTCGGCGCTGGTTTCTCT$  $\tt CGATGGCGATAACGCATTGGGCATTAAGCGAAAGCTGGTGTGGCACTATTCAGTGGATTTGTCCGAGTCCGTATCGGCCTC$ ATCATGGGCGCAAAAACTGGTTTCTGGGCATTGGGCGTTTTACCGCTGATGAGCAGGAACAATCGGATGCAATCCGTTAT  $\tt CCGCGACGGACATTTACAGGGATGGCTTTTATCGAAGGATAATGAAGGATGAAACTGCCGGAAGGCGATTAAACGCCATC$  $\tt CGATGTGAACTTGCTCATCCGGAGAGTGTGGACCGGTGATAGTTGGCCCGATAGAAACCATGTCCATTTCCGGATACGGT$ TTTTTGAACAGACCACATTCCAGGCCCGCGTGGATAATCTGGATGTTCGGCGTCTTGTTGAACAGGCGCTGATAGGTTTC  $\tt CCAGTTTACCCAGCGAATCCAGCATGCTCACCACGTAGTCTTTACCGCTGTCGATCAGTGAACGGATCAGGCAGTGAATT$  $\tt CTACAGAGTCCAGCAACAAGGCCAGATTTTTCTCTTTTTCTGCCAGCTCGTTTTTCAGGATCTCCTGATAGGTATTCACC$ GCCGCCGTTGAAATCGATAAGGCGCAGATCCAGTTCTTCCGCATGACCCGCCAGGAAGCGCACCAGCAGTTTGTTGGCAT TACCCAGCCCAACGTGGATTTCCCCGCCGGAGTGACCGCCTTTCAGACCTTTTAAGGTTAACTTGAAGGTTTCAAAACCA GCTGGAACCGCTTCACGATCTAAATGCAGGTTGGAGGTGAAGTCGATACCCCCCGCACAACCCATGTAGATTTCACCTTC TTCTTCGGAGTCGGTGTTAATCAGAATATCAGCCTGCAACCAGTTGCCCTGTAAGCCGAACGCACCGTCCATACCGGCTT  $\tt CTTCGGTCATGGTCAGCAGCACTTCCAGCGGGCCGTGAACCACGTTTTCGTCAGCCAGAACCGCCAGCGCAGAGGCCATA$  $\tt CCAATGCCGTTATCCGCACCCAGCGTGGTGCCGCGCGTTTAACCCATTCGCCATCAATATAAGGCTGGATAGGATCTTT$  $\tt CGTGAAGTCATGCACGGTGTCGTTATTTTTCTGCGGCACCATATCGAGGTGGGCCTGTAAGACGACCGGTTTACGATTTT$ ACAGGGTTAGCAGAAAATGTTGTCAACACAAGACAGGCTTGCGAGATATGTTTGAGAATACCACTTTATCCCGCGTCAGG GAGAGGCAGTGCGTAAAAAGACGCGGACTCATGTGAAATACTGGTTTTTTAGTGCGCCAGATCTCTATAATCTCGCGCAAC CTATTTTCCCCTCGAACACTTTTTAAGCCGTAGATAAACAGGCTGGGACACTTCACATGAGCGAAAAATACATCGTCACC  ${\tt TGGGACATGTTGCAGATCCATGCACGTAAACTCGCAAGCCGACTGATGCCTTCTGAACAATGGAAAGGCATTATTGCCGT}$ GCTACGATCACGACAACCAGCGCGAGCTTAAAGTGCTGAAACGCGCAGAAGGCGATGGCGAAGGCTTCATCGTTATTGAT GACCTGGTGGATACCGGTGGTACTGCGGTTGCGATTCGTGAAATGTATCCAAAAGCGCACTTTGTCACCATCTTCGCAAA ACCGGCTGGTCGTCGCTGGTTGATGACTATGTTGTTGATATCCCGCAAGATACCTGGATTGAACAGCCGTGGGATATGG GCGTCGTATTCGTCCCGCCAATCTCCGGTCGCTAATCTTTTCAACGCCTGGCACTGCCGGGCGTTGTTCTTTTTAACTTC AATCCTCGACGTCCAGGCACGTATTGTGATGAGCGATGCCGAACGTACCGACGATGATTTATACGATACGGTGATTGGCT  ${\tt ACCGTGGCGCAACTGGATTTATGAGTGGGCCACCCAGGCGATGGTGTGGCAACAAAAAGCCTGTGCGGAAGACGATCCG}$  $\tt CAACTCAGTGGTCACTGGCTGCATGCGGCTACGTTGTACAACATTGCCGCCTATCCTCATCTGAAAGGAGATGACCT$ GGCCGAGCAAGCGCAGGCTTTGTCAAACCGCGCCTATGAAGAGGCCGCTCAGCGTCTACCGGGCACGATGCGGCAGATGG AGTTTACCGTACCCGGCGGTGCGCCCATCACCGGCTTTTTGCATATGCCGAAAGGCGATGGCCCGTTCCCGACGGTATTA ATGTGTGGTGGTCTGGATGCGATGCAGACGGACTATTACAGCCTGTATGAACGTTATTTTGCGCCGCGCGCATTGCGAT GCTGACTATTGATATGCCGTCGGTGGGCTTTTCTTCAAAATGGAAGCTCACCCAGGACTCCAGCCTGTTGCATCAGCACG  ${\tt TCTTAAAGGCGCTGCCTAACGTACCGTGGGTGGATCACACTCGCGTCGCGGCCTTTGGTTTCCGTTTCGGCGCTAACGTT}$ GCCGTGCGTCTGGCATACCTTGAATCGCCGCGTCTGAAAGCGGTTGCCTGTCTTGGTCCGGTAGTTCATACCCTGTTGAG TGATTTTAAGTGCCAGCAACAGGTGCCGGAAATGTATCTTGACGTTCTGGCCAGTCGTTTGGGGATGCATGATGCTTCCG ATGAAGCGTTGCGCGTGGAGCTGAATCGCTATTCATTAAAAGTGCAAGGATTGCTGGGACGTCGCTGCCCAACGCCAATG TTATCAGGCTACTGGAAGAACGATCCGTTCAGCCCGGAAGAGGACTCACGCTTAATCACCTCATCATCTGCTGACGGTAA ATTATTAGAGATCCCATTTAACCCGGTGTATCGGAATTTTGACAAAGGTCTTCAGGAAATCACCGACTGGATCGAAAAAC GCTTGTGTTAAAAATTTGCTAAATTTTGCCAATTTGGTAAAACAGTTGCATCACAACAGGAGATAGCAATGACGTTACCG ACTTATTGATAGTGTTTTATGTTCAGATAATGCCCGATGACTTTGTCATGCAGCTCCACCGATTTTGAGAACGACAGCGA AGGCTCATAAGACGCCCCAGCGTCGCCATAGTGCGTTCACCGAATACGTGCGCAACAACCGTCTTCCGGAGACTGTCATA   $\tt CACTGCCCGGCTGTATGCGCGAGGTTACCGACTGCGGCCTGAGTTTTTTAAGTGACGTAAAATCGTGTTGAGGCCAACGC$  ${\tt GCGGTGTAAGTGAACTGCAGTTGCCATGTTTTACGGCAGTGAGAGCAGAGATAGCGCTGATGTCCGGCGGTGCTTTTGCC}$ GTTACGCACCACCCCGTCAGTAGCTGAACAGGAGGGACAGCTGATAGAAACAGAAGCCACTGGAGCACCTCAAAAACCAC GTTTTACCTACAGTTACCAGTTTGGTCTGTTCGATAAAGCAGGCGACTGGAAGAGTGTTCCGGTAAAAGACACTGAAGTG GTTGAACGACTGGAGCACACCCTGCGTGAGTTTCACGAGAAGCTGCGTGAACTGCTGACGACGCTGAATCTGAAGCTGGA TTCATTAAAACTGATACGTCATGCCAACCGCGACAATATCATCATTATTAATATTCAATTTGTTATCGCTATCCAGTTGG TTGATTTTATAATCAACAAACGCTGACATATTTTTTGTTGAAATAATACGTAGCACCGACGTCGATATAATTGACCAGATC TTCATCACCGATACCTTCAATATCTTTCCCTTTCGATAAGACATAACCCAGCGATGGACGCAGACCAAAGTCAAACTGGT AAAGTTGCCAGATAAATATTATTGGCATCGTATTTCAGACCTGTTGCCCATGCTTCTGCACGCTTGCCTGTGCCACGGCT TTGCAGGTTCTGCTCGTTGGTGCGATCTGAGTTGGTATAGGCCCCACTAATGGCGAAATCGCTGCCGCCAAAGTCATATG TCAATGACGTGCCGAAGCCATCGCCGTTTTGCTTTTTAACGTCGCGGTTTTCGTTTTTCCCTTGATATTGCAGGGTTAAG TTCAGGCCATCGATAACGCCGAAGAAGTCGGTGTTCCGATACGTCGCCAGACCGCTGGCGCGTTTGGTCATAAAGTTGTC GGTCTGCGCCGAGGAATCGCCACCAAATTCCGGGAACATATCGGTCCAGGCTTCCACGTCATACAACGCCCCCAGGTTAC GACCATAATCGAAAGAACCCAAATCTTTATATTTCAACCCGGCAAAAGCGAGACGCGTTTTTTGCTGTGCAGTATCACTC ACCAAAACGGATATAACTCTGGTCGCCATCTTTACTGGCGTTATCACTCATATAATGCATGGCTTTAACTTTGCCATAGA CATCCAGTTTATTACCGTCTTTATTATATATTTCTGCAGCCTGTACAGATGCAGATGCCACAATGCCCACTCACCACTAAT GAAAGTTTTTAACCTGAGATTGTTAAAGATATATTACAGATTAATAATATTCTTAAAATGTGGTAATTTATTAAATCTGT AATAAAAGCGTAAACAACTGCCGCTAGGCTTGCTGATCCCGCGCAACAAAACGCCATGCTTTGCTCGCAGATGGTTGGCA  ${\tt ACCGACGACAGTCCTGCTAAAACGTTCGTTTGATATCATTTTTCCTAAAATTGAATGGCAGAGAATCATGAGTGACAGCC}$ AGACGCTGGTGGTAAAACTCGGCACCAGTGTGCTAACAGGCGGATCGCGCCGTCTGAACCGTGCCCATATCGTTGAACTT GTTCGCCAGTGCGCGAGTTACATGCCGCCGGGCATCGGATTGTTATTGTGACGTCGGGCGCGATCGCCGCCGGACGTGA GCACCTGGGTTACCCGGAACTGCCAGCGACCATCGCCTCGAAACAACTGCTGGCGGCGGTAGGGCAGAGTCGACTGATTC AACTGTGGGAACAGCTGTTTTCGATTTATGGCATTCACGTCGGGCAAATGCTGCTGACCCGTGCTGATATGGAAGACCGT GAACGCTTCCTGAACGCCCGCGACACCCTGCGAGCGTTGCTCGATAACAATATCGTTCCGGTAATCAATGAGAACGATGC TGTCGCTACGGCAGAGATTAAGGTCGGCGATAACGATAACCTTTCTGCGCTGGCGGCGATTCTTGCGGGTGCCGATAAAC TACGGCATTGATGACGCACTGCGCGCGATTGCCGGTGACAGCGTTTCAGGCCTCGGAACTGGCGCATGAGTACCAAATT GCAGGCCGCTGACGTGCCTTGCCGTGCGGGTATCGACACCATTATTGCCGCGGGCAGCAAGCCGGGCGTTATTGGTGATG TGATGGAAGGCATTTCCGTCGGTACGCTGTTCCATGCCCAGGCGACTCCGCTTGAAAACCGTAAACGCTGGATTTTCGGT GCGCCGCCGCGGCTGAAATCACGGTAGATGAAGGGGCAACTGCCGCCATTCTGGAACGCGGCAGCTCCCTGTTGCCGAA  ${\tt AGGCATTAAAAGCGTGACTGGCAATTTCTCGCGTGGTGAAGTCATCCGCATTTGCAACCTCGAAGGCCGCGATATCGCCCC}$ TATGAATACGGCCCGGTTGCCGTTCACCGTGATGACATGATTACCCGTTAAGGAGCAGGCTGATGCTGGAACAAATGGGC TGAACTGGAAGCACAAAGCGAAATCATCCTCAACGCTAACGCCCAGGATGTTGCTGACGCGCGAGCCAATGGCCTTAGCG GCCGATCCGGTGGGGCAGGTAATCGATGGCGGCGTACTGGACAGCGCCTGCGTCTTGAGCGTCGTCGCGTACCGCTGGG GGTTATTGGCGTGATTTATGAAGCGCCCCGAACGTGACGGTTGATGTCGCTTCGCTGTGCCTGAAAACCGGTAATGCGG TGATCCTGCGCGGTGGCAAAGAACGTGTCGCACTAACGCTGCAACGGTGGCGGTGATTCAGGACGCCCTGAAATCCTGC GGCTTACCGGCGGTGCCGTGCAGGCGATTGATAATCCTGACCGTGCGCTGGTCAGTGAAATGCTGCGTATGGATAAATA  $\tt CATCGACATGCTGATCCCGCGTGGTGGCGCTGGTTTGCATAAACTGTGCCGTGAACAGTCGACAATCCCGGTGATCACAGTGACAATCCCGGTGATCACAGTGACAATCCCGGTGATCACAGTGACAATCCCGGTGATCACAGTGACAATCCCGGTGATCACAGTGACAATCCCGGTGATCACAGTGACAATCCCGGTGATCACAGTGACAATCCCGGTGATCACAGTGACAATCCCGGTGATCACAGTGACAATCCCGGTGATCACAGTGACAATCCCGGTGATCACAGTCACAGTCACAGTCACAGTCACAATCCCGGTGATCACAGTCACAAGTCACAGTCAAACAGTCACAGTCACAGTCACAGTCACAGTCACAGTCACAGTCAACAAGTCAC$  GTGGTATAGGCGTATGCCATATTTACGTTGATGAAAGTGTAGAGATCGCTGAAGCATTAAAAGTGATCGTCAACGCGAAA  ${\tt AGGTGGTTGCTGTTAAAGCCGAAGAGTATGACGATGAGTTTCTGTCATTAGATTTGAACGTCAAAATCGTCAGCGATCTT}$ TGGGTGCGGAAGTGGCGGTAAGCACACAAAAACTCCACGCGCGTGGCCCAATGGGGCTGGAAGCACTGACCACTTACAAG ATTGACGCATCGCCCGGTTAGTTTTAACCTTGTCCACCGTGATTCACGTTCGTGAACATGTCCTTTCAGGGCCGATATAG  $\tt CTCAGTTGGTAGAGCAGCGCATTCGTAATGCGAAGGTCGTAGGTTCGACTCCTATTATCGGCACCATTAAAATCAAATTG$
ACTCCTAAATTTAATGTGTTGGCAATGTGTTCAATAAAGCTCGAACAAATTAGCTCATTATGATCGGTTAATACTTCAAC TTCTGGTTGCATGATTGTTTGTCCGTAAAAAGATAACGCGCCTGCCGGGTAGTAGCAGGCGCATTACGCAATAGGTAAAC TGTCGATACGAACCAGCTCGTATTTTTCTACCAGAAAATTCACGGCATCGGCTAGGGTGATACCGGCATCGATGTGTTCC TTAATCACAGCCTCATTGCAGAATGGCGTGTCGTTTATTGTCAGACCATAGTGCTGTTCCAGCAGACGTGTCAGTAACAT TGTAGGTAATTAACGCTGAGTGGGGTAAATGGCGATGTATACGTAGCCGCAACTGCCAAGGGTGTCGGCTTCGCAGGTTA ATAAAGTGCGGGAATGTTTCATCCAGCTTCCGGCATTCGATGTCACTGAACTTGCCGGTGATGCTGGCCCGGTCAGCCAG ATAATGCAGTCGGTTGCCTTCCTGCACCAGACGGGCTCCCAGGCGCAGTGTAATCTCCCGCTGCAGGCCCCTGGTAGGGTCGTTCGGCGTATACCGCGAGGACTCCGGCGATATCCGGAACGTCCCTGCCGGTGTAATGACAGACGCTACCGTGCCACTG GTATTTGCCGGTGCAGTAGCGAAAGATTCGGGACTCAGGATGCTGGCGGTATATCGTCATTGCCCTGCGTTTACTGATAA GAAGGATGGTTATGCGCGAGTATCACCGCCGCGCGTTGAAGTGCAGAGCACGTTTGACCACCTCCCGGGGATGCACCTC GGTGCGGTTAATCGTGCCGGTGAAGAGCGTTTCATGGGCAATCAACTGATTCTGGTTGTCCAGATACAACACCCGGAACT TGCAGGTGGCGGTCCAGAGCCCTGAGCGCCCGCTGAATGAGACGCCGGTCCTGTGGCGTCATCTCGCCGGGTAAAAAGGA  ${\tt AAGCTGTTTCATCTGTTGCTCCTTCGGTCAGTCGATAATACGCAGAATGGCGTGAGCCTCTGGATGTTGCATGGCATACT}$ GCAATACCTGCTGCTTCTGCACTCATTTGGGCATCGTTACCGTTCAGGCAGTTAAACAGACGCCATGTCTCATCGTTGTC AGGCTCGGGGGACATAAATGCGCCGCCATTGCTGAGGGTGTAGAACGACCAGATACCACCGCTGTAGCCCTCACAGAAGC GGTCCATCCAGGCGAAGATATGCGGCTCCAGGAGTAGCCACTGCGGGATAGCGCCAAAGTACTGTGGCCAGAAATCGATA GAATGCGGGTAAATGCTTCGCGATCAGCGGGTGGCCGTGTCTGTACGGATGCCTGAGGTGCGGATATAGCGGTTAAGACC TTCACCGGCATCCGGCTCAAAGTTCCATGCCCGCCAGACCATCCGGCCTTCAGTATCACGAACCACCAGACGGAAGTGAC TGCCCTGGTCGTCTTCGAGTGTGATATTGCTGTACGTGGTAGTGACCGCTTGCGCTTGTCTCCGGGTGAAAGGCCCCGGT GGCAGCAACACGGATTGGGTCATTTTCGGGCTCCTGATAAAAGAAAACCCCGGCAGCCTGCTAGCTGTCGGGGTGAATTT GGCGTTATCGCCGTTACGCCAGCCCAGGCTGGACGAATAATGTACTGCTGGTGATCCATCACTACGGTGATAGTAGTGT TTCCCTGTGCAGTTGATGGTAAACGTCTTTCCGCTGGCTTCGGTCACGCTGTATTCCGTATTGCCCTGACCGTAACCCTG CTGCCAGAACCCCGGGATAGCAGAGGCATTAAAGCTCGCGAGCAGTACACCCGCCAGCATAAACCGACTTAGTGAAAGTA  $\tt GCCGTCATGGGCGTACTCAAAGTATTTTTCTTTGGTATACGGGTCCGTCACCTCCTGGTATTCCAGTTTGATGTTATCGGTATCGGTATCCAGTTTGATGTTATCGGTATCGGTATCGGTATCCAGTTTGATGTTATCGG$ ATCATCCTGGTGGCTGACCACATCACTGAAACGCGGTGGGGTGAGGTCCTTAAATTTACTGATGGCCTTCAGGTCATCAC  ${\tt TTCTGTCATCGCATGCGATGAGAAACAGAGTGGTGGCAACCAGCGCCAGCAGAGGCAGTGTTTACGTTTCATTATTTTT}$ TTCCTGAAATCAGACGAACCACTTTGGCAAAGACATAAATGCCCACGAAAATACCCACCGGCACGACGACGACGTGTC AGCGCGACACTGGCAGCACCGCCGCCACCTCCCGTCAGCAGTGCGGCAACAGTGGCAAGGGTCAGGGCCGCGAGACT GTCGGACACCCCGGTTTTGTTCAGAATGATGACGATGACAACAATGGCGATAATGGCAATATCCGGACTGATACTCCAGG TCCAGATACATCAGCCGCTCACGAAAATCACGCCGCAGCGTGCGCACCGACACCCAAACTCAGCGGCAAGCTTACGCAC GTGTCATGAGACGTTCTCCGTGAAAGTTAACTGACTGAAAATGATGTGATTACTTTAAAGAGGGGGGTCGGACAGGGTATG GCAGGGCTTCCGCCATCACCCACAGTGCCCGGTTAAGTTTCACGTCCCCGTCGATACCGCGAACGGCACGGGTATGTGAC ATTGCTCTCATCCTGCCAGCGGCGAGGGGAGAGGATCTGCGATTCAGTCACCGGCTGGTGGTCTTCACCAAAGCGGTATG TGAGGGCGGCTTTTGCCAGTGCCTGTGCCGGGGGTGGCAACAGCAACGACTGCATGCCATCCCGTTTCTCCTCCACC  ${\tt CGGTCAAAAATCCCCAGCACCTCATACGCGCCTTCAATCACCTGACTCACCACGTCCCCCTTGTGTGGCACCCGCACCTC}$ GCCAAACGACTCACCGCAGACGAGCCCGTTCTGACAAACCGCACGAAATAGTCCCGGCAACATCTGATACGAACTGGTTC CATCGTGAGAGTTGAGTAGAATAATTTCCGGCACCTGTTTACCGGTGATCTGCCCTTCCCGCCGCAGACGCAGCATATGC TTTGTATGTTCACGACGACCCGGGTCACGCACGCGGGTCTGACAGGCAAGAATGGCTGGAAGCCTTCTCGCTGTAGGCT GTCGAGCAGGGAGATGGTGGGTATATAGGTATAACGCTCACTACGGGACTCGTGTTTGTCCTCACTGAATACACTGGGCA GTCATAAGCAGACTCCTCATAACGGGAAAACAAATAAAAGGGATCCCCGTCGCATCGGCGACAGGGGCAGGGAAGTAACA GGGATGGGTTAAATACTCAGAAGAAGAAATCCCAGACGGCGCGGGCCACTGACACCACCGTGGTGCGCACGGCCTGAATG TGGAACAGCTCATGCAGCAGGCAGATTTTGCGGCTGATATTCTGCTTCTGCGCCGTGGACAACTGTCCCCCACCGCTGGT AGGTTCGGCCTTATCCGACTGGCTGATAACAAACAGCACCTTATGCCGGTATACCTCTCCAATCACCTGATGATAAAAAT GTTCATCCACCGTCAGCGCCCGGTCATCGGCCTTAATCAGCCACAGTACCAGGTCGAGGCGAGGAAGCTGTTCGCGGTAC AGCGCAGCATACTCGGTATCGCGAGCGCCACTTTCGCCCACGCCGGGCAGATCCATCAGCGTTATATAGCGGTCGCCGAC TTGCAGGCGAAAGCGCAGTGGCTCACGTGTACAGGCCGCCACATCGCTGACCGGTGATATATCTCCGGCAAACAGGGCAT TGCAGAAGCCGCTCTGATACCCATTGCGGCAGATCAGCAAGCGATTGCTGAAACGACTTCAAACCTTCAGAATTATTCAT GCAGCATTTACTAACAGGGATTTATTGAGAGTATGAGCCGCCGTGATACACCTTAAAATCTCAACCCAGCAAAGTTTCGG AGCCGCGAGCAAAAGTGAGAGCCTTCACAAAATAATGCTTAGTAATAAAGTTACTTTGAATTCAGAGCCCCGATTAATGT TTGGTGCTGGGGGAAAACCAAATAATGACCGATGTAATGTATTTCGCTGGTACTGTTTACAAGTGGGCATACCAGTTTAC CGCTAGCGATTTCACGTTCAGCCAGTAGTTTTGATTCAAGCACAACTCCCAAGCCGTCAACTGCGGCAGCAATCGCCATA  CTAATGCCAACCCTGTTAATTCGTTAAATCCCCGCTGTATGTGCTCAAGCAGTATTTCACCTTCTTTCGTCAGCGTA TGACAGTTCCAACTCAGAGGCGGCCAACGCAAAAGCTCCGGTACGACCAGCCGCTTCAAAGGCGCGTAACAGATTTAGAG GTGCTTTTGCTAAGAGCTTCATTCATGAATCCTTTTCACTAGGGATGAAGTGGTTTACTGAATTTGGCCACCTGAACAGA TGGGTGAAACAATTACGTGATGAACGGCAGGGCAAAACACCAAAAGCCTCCCCCATTACCCCGGAACAAATTGAAATCCG TGAGCTCAGGAAAAAGCTACAACGTATTGAAATGGAAAATGAAATATTAAAAAAAGGCTACTGTAGATTCAATTGGTCAAC GCAACAGTTATGTGAAAACATGGGGTTGCGGAGGTTTTTTGAATGAGACGAACATTTACAGCAGAGGAAAAAGCCTCTGT TTTTGAACTATGGAAGAACGGAACAGGCTTCAGTGAAATAGCGAATATCCTGGGTTCAAAACCCGGAACGATCTTCACTA TGTTAAGGGATACTGGCGGCATAAAACCCCATGAGCGTAAGCGGGCTGTAGCTCACCTGACACTGTCTGAGCGCGAGGAG ATACGAGCTGGTTTGTCAGCCAAAATGAGCATTCGTGCGATAGCTACTGCGCTGAATCGCAGTCCTTCGACGATCTCACG TGAAGTTCAGCGTAATCGGGGCAGACGCTATTACAAAGCTGTTGATGCTAATAACCGAGCCAACAGAATGGCGAAAAGGC CAAAACCGTGCTTACTGGATCAAAATTTACCATTGCGAAAGCTTGTTCTGGAAAAGCTGGAGATGAAATGGTCTCCAGAG GTACTTTCGTAGCCGTGAAGCGCTACACCACCTGAATATACAGCATCTGCGACGGTCGCATAGCCTTCGCCATGGCAGGC GTCATACCCGCAAAGGCGAAAGAGGTACGATTAACATAGTGAACGGAACACCAATTCACGAACGTTCCCGAAATATCGAT AACAGACGCTCTCTGGGGCATTGGGAGGGCGATTTAGTCTCAGGTACAAAAAACTCTCATATAGCCACACTTGTAGACCG AAAATCACGTTATACGATCATCGTTAGACTCAGGGGCAAAGATTCTGTCTCAGTAAATCAGGCTCTTACCGACAAATTCC TGAGTTTACCGTCAGAACTCAGAAAATCACTGACATGGGACAGGGAATGGAACTGGCCAGACATCTAGAATTTACTGTC AGCACCGGCGTTAAAGTTTACTTCTGCGATCCTCAGAGTCCTTGGCAGCGGGGAACAAATGAGAATACAAATGGGCTAAT TCGGCAGTACTTTCCTAAAAAGACATGTCTTGCCCAATATACTCAACATGAACTAGATCTGGTTGCTCAGCTAAACA A CAGACCGAGAAAGACACTGAAGTTCAAAACACCGAAAGAGATAATTGAAAGGGGTGTTGCATTGACAGATTGAATCTAC ${\tt AACCGCGCTCTTGATGTCAGACTCCCTGAACAGTTCTCGATAATCGGGAAACTCAGGGCGCGTTATCCTGTGGCCACTCT}$ CTGCCATGTGTTCGGGGGTTCATCGCAGCAGCTACAAATACTGGAAAAACCGTCCTGAAAAGCCAGACGGCAGACGGGCTG TATTACGCAGTCAGGTACTTGAACTGCATGGCATCAGCCACGGCTCTGCCGGAGCAAGAAGCATCGCCACAATGGCAACC CAGAGAGGATACCAGATGGGGCGCTGCTTGCTGGCAGACTCATGAAAGAGCTGGGGCTGGTCAGTTGCCAGCAGCCGAC TCACCGGTATAAGCGTGGCGGTCATGAGCACGTTGCTATCCCGAATCATCTTGAGCGACAGTTCGCCGTAACGGAACCAA TGTCTGGAATATTGAACCGGTAACTCACGATGAGAAACCCAACAATCCCACCGGGTGTGACGGTGGAGAACCTGAGCGGC AGTGACCTGCGCCATGCCCGCAGGGTGATGTAACCCGCTGACAACGGGGATTGAGGCGAGATCACTAAGCCGAGATGATC GGCTGTTGAGCTGCAAATCCTCAGGGATGAATTACTCTCAGGCCACTACCAGCCCTTGCCCGCCAGACGGGTTTACATCC ATGGAGCCGATATGGGAGAGTGATTTTCATACGCTCTCATATGGCTTCCGGCCTGAGCGCAGTGTCCACCACGCGATCCG  ${\tt ACACCGTACATCATCGACTGCTGATGAAGGCTGTACGCCGCAGGATCAGTGACGCACGTTTCATGACTCTGCTGTGGAAA}$ GCTATTATCGAACATCATGCTGAATGAGTTCGATCAATACCTGCATGAGCGCTACCTGAGCGGGAAAGCCAGAAAAGATC GGTGGTACTGGAATAACAGTATCCAACGGGGCCGAAGTACGGCGGTCAGAGAAAACTGGCAGTGGAAACCCGCGGTGGCG TACTGCCGCTATGCCGATGATTTTGTCCTCATCGTCAAAGGCACCAAAGCACAGGTGGAAGCCATCAGGGAGGAGTGTCG GGGTGTGCTCGAAGGCAGTCTGAAACTCAGGCTGAACATGGATAAGACTAAAATCCCCCATGTTAATGACGGCTTTATCT TTCTGGGGCACAGGCTCATTCGCAAACGCAGTCGTTATGGCGAGATGCGAGTGGTCTCAACGATCCCGCAGGAGAAAGCC TTTCATTTCTTCATGTTTGAGCCGATTTTTTCTCCCGTAAATGCCTTGAATCAGCCTATTTAGACCGTTTCTTCGCCATT TAAGGCGTTATCCCCAGTTTTTAGTGAGATCTCTCCCACTGACGTATCATTTGGTCCGCCCGAAACAGGTTGGCCAGCGT GAATAACATCGCCAGTTGGTTATCGTTTTTCAGCAACCCCTTGTATCTGGCTTTCACGAAGCCGAACTGTCGCTTGATGA TGCGAAATGGGTGCTCCACCCTGGCCCGGATGCTGGCTTTCATGTATTCGATGTTGATGGCCGTTTTGTTCTTGCGTGGA TGCTGTTTCAAGGTTCTTACCTTGCCGGGGCGCTCGGCGATCAGCCACATCCACCTCGGCCAGCTCCTCGCGCTG TGGCGCCCCTTGGTAGCCGGCATCGGCTGAGACAAATTGCTCCTCTCCATGCAGCAGATTACCCAGCTGATTGAGGTCAT GCTCGTTGGCCGCGGTGGTGACCAGGCTGTGGGTCAGGCCACTCTTGGCATCGACACCAATGTGGGCCTTCATGCCAAAG TGCCACTGATTGCCTTTCTTGGTCTGATGCATCTCCGGATCGCGTTGCTGCTCTTTGTTCTTGGTCGAGCTGGGTGCCTC ATTGGCGGGCCAGTTGATGCTGCTCCAGCAGGTGGCGGAAATTCATGATGGTGCTGCTCCGGCAAGGCGCTATCCAGG GATAACCGGGCAAACAGACGCATGGAGGCGATTTCGTACAGAGCATCTTCCATCGCCCCATCGCTCAGGTTGTACCAATG TGACTTCCACCATGTTTTTGCCATGCCAGAATCTGCTCCATGCGGGACAAGAAATCTCTTTTCTGGTCTGACGCCGCTTA  $\tt CCGCTATTAAGCGCCCGGCGCGGGCATCTGCGTCTGGTGCAGGGTTGACTTTGCATTCTGTTAACAAACGCGGTATAACA$ AACCTTCTTTGGATGTTTAGATGTCCATACGTTTAGAAGGTTATATGCAAACACAACAACAAAATGCGCCACTGAAGCGC
ACAATGAAAACGCGTCACCTGATTATGCTTTCCTTGGGCGGCGTGATTGGCACAGGATTATTCTTCAATACCGGGTACAT TGGGCGAGCTGTCGGTCGCGATGCCGGAGACCGGAGCGTTTCACGTTTATGCCGCGCGCTATCTTGGTCCGGCTACCGGG TATACCGTGGCCTGGCTTTACTGGCTGACCTGGACCGTGGCGCTGGGTTCGAGCTTTACCGCCGCTGGATTCTGTATGCA GTACTGGTTTCCACAGGTGCCGGTATGGGTCTGGTGCGTGTTTCTGCGCGATTATTTTTTGGTCTGAATGTTATCTCCA GCGGCGATTTTCGGCTTATTCCGATGCAGGATGGCTCGCCCGCGCCGGGGCTGAGTAATATCACGGCAGAAGGCTGGTT  $\tt CCCGCACGGTGGCTTACCGATTTTGATGACTATGGTGGCAGTGAACTTTGCTTTTTCGGGTACCGAGCTTATCGGCATTG$  ${\tt CCGCCGGTGAAACCGGGGCAAAGTTATCCCGGTAGCGATTCGTACTACCATCGCGCGACTGATTATTTTCTTT}$ ATCGGCACCGTGTTTGTGCTGCAGCGCTGATCCCGATGCAGCAGGTGGGCGTGGAGAAAAGCCCGTTTGTGCTGGTATT GGTTATATGCCTCCGGGCGCATGCTGTGGTCGTTGTCGAATGAACGTACGCTACCGGCCTGTTTTGCGCGAGTAACGAAA  $\tt CACGGTATTTGTTGCGCTGTCGGCAATCTCCGGGTTTGCGGTTGGCGGTGTGGCTGAGTATCTGCGCCTCGCATTTTG$ GTATTAGGTTTTGTGCTGTGCCTGGTGGCCTGTGTTGGGCTGGCATTCGATCCAGCGCAGAGAATTGCGTTGTGGTGCGG GTTACCGTTTGTTGCGTTGTGCTATGGTGCTTATTTCCTTACTCAACCCCGAAACGCAAAACAGGAGCCAGAACATGTCG GCGAGGGTGTAACTTAGCCGACAGCCTGTGGTCAGCCAAAGTGCTGGTAGAAAACCCGGAGCTTATCCGCGAAGTGCATC TTGATTACTACCGGGCGGGGCCAATGCGCGATCACTGCCAGCTATCAGGCGACGCCGGCGGGCTTCGCCGCGAGGT GAACCCGCAGGCGGGAACGCTTCTGGTGGCGGGATCCGTCGGGCCCTTACGGCGCGTATCTGGCGGATGGCTCTGAATACC GTGGCGATTATCATTGTAGCGTTGAGGCATTTCAGGCGTTTCATCGCCCGCGCGTGGAAGCCTTGCTGGATGCCGGGGCC GATCTGCTGCCGAAACCCTGCCGAATTTTTCCGAGATTGAGGCGTTGGCCGAGCTGTTGACCGCATATCCGCGTGC TGGCGGGTTATCCGCAGGTGGTGGCGCTAGGCATTAACTGTATTGCGCTGGAAAACACCACCGCTGCGTTGCAGCATTTA  GTCGCACCACGCCTGCGGATATCGCCGCGTTAAAAGCGCGAAGCTGAGGGTTTATCGGGTCTACATCGTTCATTGTAGGC GCGTTGACCTGCAATAATATCTCCTGCCCGTGCCATTCCACCGTCACTTCATACTGCGGCCCCATATAGGCGACATGGCG GATCACGCAGCGCTGGCTCTCTCCGCCGCGATCGCTGAGCGTGATCGCTTCCGGGCGCACACCGACCATCCCTTCACCCT GTGTACCAAAGTGCAGCGGGCGCGGCAGATGATAGCCGTAGATATCAACGTATCCGTCGCTGAAGGTTGCCGGGAACAGG TTGGCATCGCCCATAAAGCTCGCCATAAAGCGGGAGGCGGGCTGGCGGTAAAGATCCTGCGGTGAGCCGATCTGCATGAT GTGTCCCTTGTTCATCACCAGCACAGTATCAGAAACCGCAAAGGCTTCGCTCTGATCGTGGGTGACGTACAGCGAGGTGA TATCAAACTGCTTTTGCAACTCGCGGATCTTGTCGCGCATGCTGCGACGCAGGTTGGCGTCGAGGTTACTCAACGGCTCA TCAAACAGCAGCACTTTCGGCTTGAGGATCAGCGCGCGGGGCCAGCGCCACGCGCTGCTGCCCGCCGGAGATCTGATC CGCCGAGCATTTTCAGGCCATAACCGACATTCTCCCCAGCGACATATGCGGGGAACAGGGCATAGGACTGAAACACCATA  $\tt CAGATATCGCGCTGCTGAATAGAGCGATGGGTGACGTCTTCGCCATCAATGAAAATTTGCCCTTCGCTCGGTTTTTCCAG$ TGAGGTTGATATTGTCGATTACCGTATTACTGCCAAATCGTTTAGTGACGTTGCGCAGTTCAACGAAATTTTTCTGAGTC ATAGTGCGCTCCATTACGCCTGGTTTTTGGCTTTTGAACGGGAGGTACGTGATTCACCGATCAGCCAGTCAAAGATGAAA ATAATCGCCAGCATCACCACGATCAGAATGGAACCGTAGGCAATCGCTACACCGTATTCGCCATCTTCCACGCGGTTGAG GATGTAAGCCGTCGCTACGCGGGTATCCGGCGTGACGAGGAACACAATGGCGCTGACGGTGGTAATGGCGCGCACAAAGC TGTAAATCAGCGCCGAGAGGATCGCCGGGCGCAGCAGCAGCAGCAGGATGTGCGTAATGGTACGCAGGGAACCGGCGCGC  ${\tt AGGCTGAGTGAGGCTTCATCGAGCGATTTATCGATTTGGCCCGGTAATGACTCCAACTTATTGATAGTGTTTTATGTTCA}$ GATAATGCCCGATGACTTTGTCATGCTCCACCGATTTTGAGAACGACAGCGACTTCCGTCCCAGCCGTGCCAGGTGC TGCCTCAGATTCAGGTTATGCCGCTCAATTCGCTGCGTATATCGCTTGCTGATTACGTGCAGCTTTCCCTTCAGGCGGGA TTCATACAGCGGCCAGCCATCCGTCATCCATATCACCACGTCAAAGGGTGACAGCAGCCTCATAAGACGCCCCAGCGTCG GATTTAGCCCCGACGTATCCCCACTGTTCGTCCATTTCCGCGCAGACGATGACGTCACTGCCCGGCTGTATGCGCGAGGT ATGTTTTACGGCAGTGAGAGCAGAGATAGCGCTGATGTCCGGCAGTGCTTTTGCCGTTACGCACCACCCCGTCAGTAGCT GAACAGGAGGGACACCTGATAGAAACAGAAGCCACTGGAGCACCTCAAAAACACCATCATACACTAAATCAGTAAGTTGG AACTAGATCTGGTTGCTCCTCAGCTAAACAACAGACCGAGAAAGACACTGAAGTTCAAAACACCGAAAGAGATAATTGAA  ${\tt AGGGGTGTTGCATTGACAGATTGAATCTACAGCAGCTTTTTTTAATATGTCCCGTTCGTCGGTAACCCGTTTCAGCTCTT}$ TCTGGAGACGGCGGATCTCGGCCTGAGCATCTGACTGTTCTTTATTAGTGGAAGAATCCGGACCGTACTTCTTTATCCAG GCATAAAGGCTGTGGGTGATATCGAGACGTGTTGCAACGCTGGCAACAGAATAACCGAGATCAACAACCTGTTTGAC TGCTTCAGTTTTAAACTCTTCGGGATAACGCTTACCGCTCATGGGCACCTCTCTTTAAGCCATTTTAAATGACTCGGAGG  ${\tt CCCGTTACGGTACAGTGTGACACAGTGCGCGTACCTGGGATTCAGCTCACAGGAGGAGCAGCATCAGCTCCAGATGTGCGA}$ CAAAATGCGGGAAGGCTTCATCCAGTTGTAGAGTCTGCACCTCACTGAATGAGCCGGTGAATCCAGCCCGGTCAGCCAGA AAATGCAGACGATGACCTTCCTGCACCAGTCGTGCTCCGAAACACGGTGTGATATCTCGTTTAAGCCCCCAAGTTTGAGT ACTTTCGTGCTGTACCACCACCACCTCGTAGCTGCCGTCTTCCTGCATCTCCTTCAGCCCGACCCGTTCTCCCCTGAACGC  $\tt CTTGCCTGCGCTCAGACTTACCCCTTTCACGCTCAGCTTTCCGCTGATATCCACTTTCCTGACCATCACCCCTTCATCGT$ ATTCCGGGGGCGTTGTTGCCGCTGTACTGCCGCGCTGACGCCTGATACCGCGAGCCCGGTACCGCCATATCCAGCGCC  ${\tt TCGTGCGGGCGTTCAAGGTTATAGACCGTCCGCCAGTGGTCGAAGGCCGCTGCAGTTCACCGCTGTCTGCGAACCATTT}$ GCCCCACCGGATACCCAGGCGCATCAGCCACAGCTCCAGCGCGCGTCCAGGTGCCGGTGGTGTCGCCCCACGGTGAGCCG TTATCCATGGTCATCCGGTCCGGCAGGCCGTAACGCTCAAACACGCTGACCAGCTGCTGCACGGTCTCGCGCCGTTC GGTGAAGCGCCCGGCAGCAGGCCATGGCGGCCATCAGGTTATGGACGGTGCTGAAGGCGGGCATGGTGTCCCCTGGTC  $\tt CTCGAGCCAGCGCTTAATCTTGCGGGCTCCCCAGCGTTCATGACGGTCATGGGCCATACGCAGCAGGGCCGTGATGTCGT$ AGCCACTTGTAGCCGGTGGCAGGTGAAATGCCGAAGCGACGGCAGAGGGAACGGATGTTCGCCCCGTCCTGCGAGGCGAA CAAAACAAACTCAGTACGTAATGACATGGTATCTCTCGCATCCCAGGGCATAAGCGACTCCATAAACGGGTTCTTATGCC TTAGTTGTAAGTGTCTACCATGTCCCCGAACAAGTGTTCACTATGTCCCCGGACCGTACACCCCAAAGGGGAGAGGGGACAC TGCACCGAGCCATCTTTTCCCCCTCGCCCCTTTGGGGAGAGGGCCCGGGGTGAGGGGCAATATGTGATCCAGCTTAAATTT TATAATGTAGAACAAAATGATTCAGCAAGGAGATCTCATGCCGCAGTCCGCGTTGTTCACGGGAATCATTCCCCCTGTCT  $\tt CCACCATTTTTACCGCCGACGGCCAGCTCGATAAGCCGGGCACCGCCGCCGCTGATCGACGATCTGATCAAAGCAGGCGTT$ GACGGCCTGTTCTTCCTGGGCAGCGGTGGCGAGTTCTCCCAGCTCGGCGCCGAAGAGCCGTAAAGCCATTGCCCGCTTTGC TATCGATCATGTCGATCGCCGTGCCGGTGCTGATCGGCACCGGCGCACCAACGCCCGGGAAACCATCGAACTCAGCC AGCACGCGCAGCAGGCGGGCGGGACGCATCGTGGTGATCAACCCCTACTACTGGAAAGTGTCGGAAGCGAACCTGATC CGCTATTTCGAGCAGGTGGCCGACAGCGTCACGCTGCCGGTGATGCTCTATAACTTCCCGGCGCTGACCGGGCAGGATCT GACTCCGGCGCTGGTGAAAACCCTCGCCGACTCGCGCAGCAATATTATCGGCATCAAAGACACCATCGACTCCGTCGCCC ACCTGCGCAGCATGATCCATACCGTCAAAGGTGCCCATCCGCACTTCACCGTGCTCTGCGGCTACGACGATCATCTGTTC AGCCTGGCGCGACGGGGACGTGGCGAAAGCGGCCGGGTATCATCAGACCTTGCTGCAAATTCCGCAGATGTATCAGCTGG TCGCCGCTGGACGACGCCGCAAGGCCCAGCTGAAAACCCTGCTGCAACAGCTCAAGCTTTGCTGAGCCGGACGATAACG ATGACCATTGAGAAAATTTTCACCCCGCAGGACGACGCGTTTTATGCGGTGATCACCCACGCGGCGGGCCGCAGGGCCG TCTGCCGCTGACCCCGCAGATGCTGATGGAATCTCCCAGCGGCAACCTGTTCGGCATGACGCAGAACGCCGGGATGGGCT ACCTGCGATAAAGGGCTGCCCGCCACCATGATTGCGCTGGCCGCGATGCACGACCTGCCGACTATTCTGGTGCCGGGCGG GGCGACGCTGCCGCCGACCGTCGGGGAAGACGCGGGCAAGGTGCAGACCATCGGCGCGCGTTTCGCCAACCACGAACTCT GGAGATCGCCCGCCAGTCGGCGCGCGCTCAGCGAGCTGGATAGCCGCGGCATCACCACGCGGGATATCCTCTCCGATA AAGCCATCGAAAACGCGATGGTGATCCACGCGGCGTTCGGCGGCTCCACCAATTTACTGCTGCACATTCCGGCCATCGCC  ${\tt ACCTCGGCCTGCATCTGGACGCCATGACCGTGACCGGCCAGACGGTGGGCGAGAACCTTGAATGGTGGCAGGCGTCCC}$ GAGCGCCGGGCGCTTCCGCCAGTGCCTGCGCGAGCAGGACGGCGTAGAGCCGGATGACGTGATCCTGCCGCCGGAGAA GGCAAAAGCGAAAGGGCTGACCTCGACGGTCTGCTTCCCGACGGGCAACATCGCTCCGGAAGGTTCGGTGATCAAGGCCA CGGCATGGAAGAGCCTACCAGCTCACCTCCGCGCTAAAGCATATCTCGTGGGGCAAGACGGTGTCGCTCATCACCGATG TGCCGGACGACACCCGGCTGTGGGCCGCACTGCAGTCGGTGAGCGGCGCACCTGGAAAGGCTGTATTTATGACACCGAT AAAATTATCGAGGTAATTAACGCCGGTAAAAAAGCGCTCGGAATTTAATTATTTTAAGAGATAAAACCGTCTGCGGAATA TTTCCCGCAGACGCCTTTGTTGTTTTTTGAAATTTATTAATTTAAACAATTAGTTGAGATATATCGTTGGCGTCACAAAAG CAAAATAACGTAATTCGGAAATAAGATATGACCATTGCTGGTTAATTGAATAGCTCATTACACTCCATTAACACGATGTT GTAATTCGGCACACTACATAAGGGTGTAATTCTGATGACGCAATTAACCATGAAAGACAAAATTGGCTACGGGCTGGGAG GGGATTATGGGCACGCTGTTTTTGGTCTCCCGCGTGCTCGACGCCGTCACCGACCCGCTGATGGGGCTGCTGGTAGACCG TTCGTTAACGTGCCGTACTGCGCCATGCCGGGCGTCATCACCGCCGACCCGAAAGAGCGTCACGCCCTGCAGTCCTGGCG AAAGAGCGCTACACCTTTGAGGTGCAGCCGGGCTCGTCGGTGGCGAAAGACCTTAAGCTGCTGCTGGGCAACAGCCAGTG  ${\tt ACGTGATCGCCCGGAGTTGGCGACCCAGTTTTTACTTTACGGCAGCCTCGCCACCATGTTCGGCTCGCTTTGCTCC}$ TCACGCCTGCTGGGCCGCTTCGACCGCCTTCAAGTGGATCATCGTCGCCTACTCGCTGATCAGCCTGCTGAT TTTCGTCACCCCGGCGGAGCACATCGCGCTCATTTTTGCCCTCAACATCCTGTTCCTGTTCGTCTTTAATACCACCACGC  ${\tt CGCTGCAGTGGCTGATGGCTTCTGACGTGGTGGACTACGAGGAGAGCCGCAGCGGTCGCCGCCTCGACGGGCTGGTGTTC}$ ACGCGGGCATGTTCATCATGCTGTCGCTCTACAAGCTCACCGATGCCCGCGTGGAGGCCATCAGCCGGCAGCTGATTAAG  $\tt CACCGCGGGGGGGGGGGGGGGGTTCCCGACGCCGGGCGGCGGCGTCCCATTAACCGGGGGGGATATGGGAATCACT$ TGTCGATGCTGGACATGAAGGGCAACCCGGACTCCGGCGGCATCTGGGCGCCGTGCCTGAGCTACGCCGACGGTAAATTC TGGCTGCTCTACACCGACGTGAAGATTGTCGACTCGCCGTGGAAAAACGGCCGCAACTTCCTCGTCACCGCGCCCTCCAT AATACTATATCTACCGCCCGTGGGGGCCGCCCACCACACACCCCCCACAACACCATCGTGTTACAGGCGTTTGACCCG AAAATATCGACGGGCCGTACGAGCTGCACCCGGACGTAACGATGACCAGCTGGCACCTGCCGGAGAACCCGCTGCAG GCCCGCCGTGCCGCTGCTCCCGCCGGACGCCGCTACTGCCCCGCTGGGGCGCGAGACCGGCATCGCCCGCATTGAAT GGCGCGACGGCTGCCGTACGTGGAAGGCGGCAAGCACGCGCAGCTGACCGTGAAAGGCCCGCAAGTAGCCGAGCAGCCT  $\tt GCAGCCGTTCCGGGCAACTGGCGGGACGATTTCGACGCCAGTTCGCTTGACCCGGAGCTGCAGACCCTGCGCATTCCGTT$  $\tt CAGCAGAGCGCGGGGCTGACCTACTACAACAGCAAAAACTGGAGCTACTGCTTTGTGGACTACGAGGAGGGACAGGG$ TAGAACCATCAAAGTTATCCAGCTCGACCACAACGTGCCGTCGTGGCCGCTGCACGAGCAGCCCATTCCGGTGCCGGAAC  ${\tt ATGCGGAGAGCGTCTGGCTGGGTGGACGTGGATACGCTGGTCTACCGCTACAGCTACTCGTTTGATGGCGAGACGTGG}$ TGTGGGCCTGCACTGCGAGGACATCAGCGGCGACGGCTGCTACGCGGACTTCGACTACTTCACCTACGAGCCGGTCTAAC GGCTCAGGCCGGGTAGCCCAGCGCGCGAGAGCCGCGAGCCCGGCCTGCTGAAGCTGCTCGCGGAAATTAGCCAGCTCCG GGCTTCGCGAGACGCGAGGGTGGCGGCGTAAAGGTAGTGTACTGATAGCCCTCCAGCAGGGCGTTCAGCTCGGCCTCGC GCCAGCTTGCCTTCAATCTTCTCGATATAGACCCCTTCACGCCCGTCCAGGATCCCCAGATGGGTGGTCTGCCCGGTCCG GCTTCATGCCGAGGCGATACTTGCCGTTCTCCGGGTTCTGATCGATATAGCCGTGAAGCTGCAGGGTTTTTAGCAGCGAG TGGAGGGTACTCTTGCTCAGCCCCATCAGTTTGCTGATGTCGGTGATCTTAAGCTCGGTGGCCTGCTCGTTGAACAGGTC GAGGATCTGCAACGCACGTTCAACAGACTGAATAATCGGCATAATGCTGGCATGTCCACGCTGGAATTAAGGCGAAAACG TACCTTTTCGGGATGAAAAATCAATGAAATGGAGCCGGTGTTCTCCCTCTCCCTGTGGGAGAGGGCCGGGGTGAGGGCA  $\tt CCAACGCGCAGCGGACCCAATCACTCCCCAAGCGTTGCCATCATCACCGCCTTAATCGTATGCATCCGGTTTTCCGCCTG$ CACCCACACGTCGGTATAGATAAAGTCCGCGCCCTTAACGCCTGCCGCCACGTCTTCCGTCAGAGTAATTTTCCCGCCGT GCTTCTCCGCCAGCGCCTGCACTCCGCCACCAGGCTCTCTTCCGGCCAGCAGGCTTTCGGGGCCAACAGGCGCAGATCC AGCCCGGTCAGCGCCGCCGCTTCCAGCATCGAGTTGCCCATGTTGTTGCGCGCATCGCCCGCGTAGACCAGCGTCATCTC GTTAAACGCCTTGCCCGGCAGGTGCTCCTGCATGGTCATCAGGTCCGCCAGCAGCTGGGTCGGGTGGAACTCGTTGGTCA GCCCGTTCCACACCGCCACGCCCCCATACTGCGCCAGCGTTTCGACCACTTCCTGGCCGTGACCGCGATACTGAATGCCG TCATACATCCGCCCGAGAACCCGCGCGCGTGTCCTTAATTGACTCTTTATGCCCAATCTGGCTGCCGCTCGGCCCTAAATA GGTAACGCGCGCGCCCTGGTCAAATGCGGCAACTTCGAAAGAGCAACGGGTACGAGTCGAGTCTTTTTCGAAGATGAGCG GAAGTGAACTGTGCAGGGGTAAAGTCGAGCAGTTTCAGAAAGTGTTTTTTGTATAAATCGGACATTTTATCCTCGCATGG CGAACGCCACTTATTGAATTAAAATTCACTTTATATGTGTAATTATTCATTTGCAACCCCATTTCACAATTCTTTAC
AAAGGTGGAGGCAAACCCGTCCGTGTGTAAAATAATCGTATCTGCCTCCGATTCTCTGCAGAAGCAGAAGACATTGGA TCGAATTCTACAACCAGGTCGAGTCAGAAATGAGAATGATTGGCCTTCTTTATGATTTTAAGGATTATGCTTCTAAAATG GCGGAGAACATGGCGAGGCTTGCTGCCTTACTTCATTACTTCAGCGGTGATGGAGGCGATATATCTGTTACCGGGTAATG  ${\tt ACTCCAACTTATTGATAGTGTTTTATGTTCAGATAATGCCCGATGACTTTGTCATGCTCCACCGATTTTTGAGAACGA}$ GACAGCAGGCTCATAAGACGCCCCAGCGTCGCCATAGTGCGTTCACCGAATACGTGCGCAACAACCGTCTTCCGGAGCCT GTCATACGCGTAAAACAGCCAGCGCTGGCGCGATTTAGCCCCGACGTATCCCCACTGTTCGTCCATTTCCGCGCAGACGA TGACGTCACTGCCCGGCTGTATGCGCGAGGTTACCGACTGCGGCCTGAGTTTTTTAAATGGCGGAAAATCGTGTTGAGGC TGAGAAGCGGTGTAAGTGAACTGCAGTTGCCATGTTTTACGGCAGTGAGAGCAGAGATAGCGCTGATGTCCGGCAGTGCT TTTGCCGTTACGCACCCCCGTCAGTAGCTGAACAGGAGGGACAGCTGATAGAAACAGAAGCCACTGGAGCACCTCAAA AACACCATCATACACTAAATCAGTTAGGTTGGCAGCATCACCGAATTTTCAGCCCGGATGTTTCACGTACCTATGTCGAAT ATCTGGCCGATAAGGTTGCGGATCGAGAAGAGGGTGCAGAGGAATATCTGGAAGCAATCATGGAGGCTCGTGTTACCGTT GTACACACCGCAAATCAAGTCGTTGAAAGATGAGCGTAAAGAGGCCTATCGTCAAATCGTCGAAATGAGTACCGAACCGC GTCTGGAAACACCATTTGTTGTGTGACGAAAGCGGGAACTATCCGGCTCTGTTGAACCATTGGGAAACCAAGGTTTTTGA GATCGAAACCAAACGTGAAGGATTTGCTTTCTGGTATCGTAATCCACAGTACACAGGGCAGTCGTCACTGGGAATCGCTT ATGTTGAAGCTGAACAGTACAAGATTGTTCGTCCCGATTTCCTGTTCTTTGCCGAACAGGATGGCAAAATGGTTGTGGAC  $\tt CTGGTAGATCCACATAGCCTACATCTGGCTGATGCTTTGCCCAAACTGGAAGGACTTGCGCTATATGCCGAACATCATTC$ TGATGCTTACAGGCGAATCGAATCTGTCGCCGAAGTAAAGGGTAAATTACGAGTGTTAGATTTGAAACGGCAGGATGTGC  ${\tt AGGATGCTGTTGCTACCGCTGAAAATGCAGAAACGTTATTTAGTAGCGGACTTGCTGATGACTATCAGTAATCTATAGAA}$ AATTGCGTAACGAAACTGCATTTTAGTAATTTTTTGAAACAATACAAATAAGGCCTTCTCACTGAGAAGGCCATTACCGA  $\tt CTTACAGTTCGATTTGGCTACAGCCGAAGTTACGGTCTCCTTCACCAAACACTTTGCTTTCAACTTTGGTCAGGTAGTCC$  ${\tt AGTCGGGTTAACAGCGCCTGGTAGTTCTGCTGGAAGTCAGTACTATTGGTGTCTAGCACATACTTACAGTTTTCAGGAAA}$  ${\tt ATGGACCAGGCTGATCGTCTCTCCAGTCTCAGGGCGCTGTACCAGGCTCCTGTGATCATCCCTCTAAGGTTAT}$ TCAGAATACTCTTTCGCCCATATAATAAATAAAGGGCAACGGTAAATGCGTTTATCCTCACGCACCTTACGGGTACGGTC AGCCTCCAGCTTAGCTCTGAGGGATTCACGCATCCGGGATATCACCCCAGGTTCCAGGTTAGGGAAGCAACAGATATTGT  $\tt CACCGTTATCAACTATTTTGGGATAGTGGAGATCGACACGTACAGCAATTAACCTAGGATACCGGTTAGTCAAATAACAT$  AATAATTTATTAATCTTACTCTGATATTCGAGGATATGTACTCCATGAGTACCTTGATATGTTTTCATAATATATACCTG TGCCATTATATAATACCTATCCAACATCTAAATTTGAGACGAAGGTAGCCCCAGCCTGTGATGGCTGTTAAAAAGTTACT  $\tt CTGCAATTAGCTTCTGGAATTAACCGATGATTCCGTTATTCCAGTGCCGCTTCACAGTCGATAAACTGATACTCAATTTC$ TTTGCAATCTCAGCCTGAGTAAATCCACCTTTCTTAAGTATTGTGATATCACGTCGGTATTTGCTTCCCTCCTTTCGTCC TAATTTTTTCTTAACATGTCGATATCGGCTTTTAGTTGATTTCAGATTGTGAATGTCAATCGTATCCTGACGAGCAATCA AAAAAGCAAGCAACTTTCAGCAGAAGGCTCTATCCTTGAAGCTGGATGGTAGCTGTAGATAAACATTTCTTTTTGAAGG CAAAAAATAAAATATTCTGTAAGTCCTCCACAGTTCTGCCAAGACAGCTTAGATCTGGAATGACAAGCGTGTCCTGCCG GTTCATTTCATGATGAATCAATTGTCTGAGTAAACGTTGCTCTGAAACAACCTCTTTAATATCTACCTGCTCGATCACAA  $\tt CTGCATATGGTGTAAAAAAATGAACGCATCTGATGCACTCCGGTGTCATAAATTATTTTTTTGATACCTGAATAATGTCAT$ TTTGCATAAAAAACAACCAAAAATAGAGAGTGATTGCCAGCGATACTTTAACTGGTAAAGTAGTATTTTACCTCTCATAA TTGTTTGTCCTTCTTTGTTACCTCTTAGGTTCTGCTCTCTTGTGAGTATGGGTTTATAATGATGTCATCCGGTACATTAA  $\tt CACGGTTGGAAACATCTGTTTTGCGGAGCACTGGCAGCATAACCACCATTTCATTGACATGGTAAATATCAATCCAACAA$ ACAACCGGATAAGGCATAACAATCCCCTTTCTTCTAAGAACTTCATTTATCCCGAATATAATCAATTGGGATGTTGACAA GAGTAGAGCCTGCCCGGCATCAAAGTAATAACCCTCAAAGGTTGTTCTATGAATAAGAATAATGTTTGAATATCCTGAGA CACTTTGATGCTTTACATCAAAATGTCTTTGATTGTAAATGTAAATGGCTTTTTCCATATCGTAATTTTCCCTTAGCGAG GATAGCCTTTCACGTATAACTGTTTTTCATCTTTCCCCATGAATTCATCATTAGCGTTCAGTTGAAAGTAATCTGCAAT  $\operatorname{\mathsf{GGGGATTTTTAATGGACTCATGATGTTCGTTTTCCAGATTAACGAACAGTACTCTTCCAGAGTTACTTCTGTTTTACCTC}$ GGCTTCGATTGATGCTTTCTTTTATAGAGAACTTTAACAGGTCATTTTTTTATTTCATTTATTGACCAGTTATGACGATTG ACTCATTGTTTTTGCCTTGACAAGGTTTTTTTCCTGGTAGAACGCTGCTCATCTCAAAATTAGTAACACTATTAGACATT TTTAAGGAAACCTCTTTGTTATCTCAATATAAAACTACTATCTGAAATTTCTCAGTGTTGCCCCATTTTTCTCGGGGCAA CATCGCTATAAATCAATAAAATTAAATCTGTAATTTATTACAGACTTTCTCGTACAGAAAATGTATCTATAAAATCGAGG ACATCTTTACGTAACCAGTAATGGCGGCCATTGATTTGTTTTTGGGCGAGGTAGCCCCTCAGGCAATTTGTCCTGACAAAG  ${\tt CCATTTACGAATGGTTTGAGATTTGTAGCTAATGATTTTAGCTAACTCAGCTGTTGAAATGAGCTGTGATTGAGATGTAT}$ TAGGGGTAGTAATGAAGGCAGAAGGAAACGTTTCGGGCTCGGGGTCGGGGTCACTACCATCACCTGAATCTGATGATAAG GCACTTTTAGCTGATTTAGCCGTACTGTGATGCGATCTGGATGCCTGATTTTTACATGACATCAGACGCGCGAGAAAGTT AGTAGCATTTTGCATTCTTTGTTTAAGATGTAAAATTTTCAGTTTGGCGCATGCGACAGACTTGCGAAGAGCTGAGTATG TTCCTTTGAGATACTCGACAACCTCTTCCATGGACGCAGGATCGTTAAAGGATTGAGTTGTTTTACTTGAATTAATACAC  $\tt CAGCGAGCTCTGATAGCTGCCAGAGTGGGTTCTATGGATACAGTTGCTGGGGTTGCCATTGGCTTATCTCCTGTGTAGTT$ TGATTTTAATGGAATCAACGCATATCAACGTTGTTTTTTATGGTAATACCTGCTTCATTTAAGATCCATGTCTCAATTT TCTCGTGCCATTTTCGTAACAGATCTAACGGACGACGGCGATAGTGTTTTTCGGCAAGAGCGCTGGGTTTGTGTCCCATA ATTTGAGCAACAATACCAGTGGGAACTTCAACCCACTCGGCCAAAGTACCAAAACTACGACGTAAACCGTGAAGGCTGAT ATGTGGTAACTCAGCCAGCACTAATGCTCTGTTGTGCGCTGAACGCGGCTCAATAATTTTGCCACTTTTACTGTTACTTC TGAAAACCCAACCCTCTTATTTACGTCAGAATTTGGGGATTGCGCTAGTACATTTAACAATTCAGAAACATAAGGAGTG AGAGGGATGATACGTTCACCTTCGATCTTGTCTTTAATTCGCATGCTTGACCATTTGAAATCTACGTCTGACCAGCGAAG  $\tt CGACGCAATTTCTTCACGCCGAGCACCAGTGAGCAAAAGTACTTGGAGATAGGCCGATGCAATAGGATTATTGAGGCTAC$ GCACGGCACTAAACCAGCTTTTTAGTTGTTCCTTTTGCAGGCAATCATCAGCTTTACTCGCTGACACGGGAACCATTTTT  $\tt CTTACGTTGTAATCTTGTGCCAGATCGCCAGGAATGATCCCTTGATATTTTTTCTGATAATTACTCCATTTGATGAAAGC$  ${\tt ACGTAGTAGCCGTGAGCAGTGACGGTAGGTCTATTTTGCCTTTCTGTACTCAGCCACGCTGCTATGTAATCTG}$  $\tt GGGTTAGCTCCGATAACGGCAGGTTGAGCAAACTAGCCAATGGTCCAGCCGAAGTCGGGCCTTTGGCCTCTTTTTTTACTT$  ${\tt TCGCCTCCACGACTGACAAGTTAATGTGATCGGCAATGTATCGAGTAGAATATGGGCGTTTAGTTTTTGCACTGATACC}$   $\tt CTGCTTCTGCGATTTTTACAGCCTTAGCAATTCGTGGATCTATCCCTGTATCGATCAATGTTTGTAACCGTCTTGCCTCG$ GCTCTCGCATCATCTTCCAGTCGTTAATGTTGCCAATAGTCATGCGAAGGGTTTTCCCCGCATATACGCTTTGGAA GGGTTTATTGCTATAACTTGGTGTTTTATAAAATATAAAGTATGTTGTTTTTGATTGATTGCTCAAGTAGTTAAAAATGCATT AACATCGCATTCGTAATGCGAAGGTCGTAGGTTCGACTCCTATTATCGGCACCATTAAAATCAAAGAGTTACCCCATATT TAAATACACCACGTTTCCTCCTGTGCCGTATTTGTGCCATTGTAACCTTGGCAATTCATCAAAATACTGTTCTGACATCA GGCAGTGCAGGTGCAGACATTTAAGCCAATTGCTGCCGCCATTCTTTGACGTAGTCAATCAGGGCGCGGAGCTTTGGTGC AATATTGCGACGCTGTGGGAAATACAGATAGAAGCCCGGAAATTGTGGAAGAAGTCATCAAGCAGCGATACAAGCTTAC  $\tt CGCAGATCATTAGTCGTAATCTGCGGTTCAATCGCAAGGTCGAAAGTTCTCCCGTTTTCTTCAAATGGCCAGCGATAAGG$ CGCAACCTCCGGGGACTGACGCCGATACACTTATGGGTATTTCCCCCGGAGGCGAGAAAGCACTCTCCACGCCCGG  ${\tt CCGCAAGGATCAGGACGGGGGGCAGGCATGAATCCTCCTCTGATGGAGACGTACAGAGGCGACTTCTGCCAGCACGG}$  $\tt CATCCCAGCTGTGGAGCTTTTGCAGACGTAACGTGTGGGTTCGATAGCTGCCCAATGCGCCGAGATAAAAGGGTTTTGCAGATGCGCCGAGATAAAAGGGTTTTGCAGATGCGCCGAGATAAAAGGGTTTTGCAGATGCGCCGAGATAAAAGGGTTTTGCAGATGCGCCGAGATAAAAGGGTTTTTGCAGATGCGCCGAGATAAAAGGGTTTTTGCAGATGCGCCGAGATAAAAGGGTTTTTGCAGATGCGCCGAGATAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCGCCGAGATAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCGCCGAGATAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCGCCGAGATAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCGCCGAGATAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCCGCCGAGATAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCCGCCGAGATAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCCGCCGAGATAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCCGCCGAGATAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCCGCCGAGATAAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCCGCCGAGATAAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCCCCAATGCCCCAATGCCCCAATGCCGCCGAGATAAAAAAGGGTTTTTGCAGATAGCTGCCCAATGCCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCCAATGCCCCAATGCCCAATGCCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCCAATGCCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATGCCAATG$ TTCTCGCGCGGCCTGCAACACTGGCAGCTCCCGGTTGAGATCATGGCACAGCAAAATGACCGCCGTATCGGTATCGATCT GAGCGCTGGCTGAGGCCGGAAAAAGATCGAAGATATGGCTGTCATAGCCTGTGGCTGCAAGACTCGCGGTTGCCTGC GCCTCAAGAGAACGTCCGTAAATCATCAGCCTGACGCATGGCCTGAACCCCACCTCAAAGCCATTGAGATTCCAGCCCGT GGTTCAGCACGGCGAGCAGAGGCTGTGCCGAGCGTAGTTTATGGAGCGTCAGCGTGATCCCACCGCCGCAGGGCAGAACG ATGTCAAACCACGGCGAACCTTCGCCATAGCGAATTTCGCGATCGCGGCCTGAGCCCATCATCTCCAGCGCTTCAAAAGC GGCAGCGGCCTCCACGCAGCCCAGAGACAAAACCGCAGTAACGACCATCTTCGCGCACCACCATCTGCGCCCCGAGCG GGCGCGCGCGCGCGCGTATCTCCACCAGCGTCACCAGCACCGCTCCTTTACCGGACATTAGCGCCTCTACGGCGAAG CGCAGAATGGTCCGGTGGTCATCGGTGAGAAACGCCTGCTCTGGCTTATGCCAGTGTTCGTCTTTGTCAAAAAGCGGGTA TGACATTGTTCCTCCTTAAACCACATCCGGCAGCTTATCGAGCAGCTTATCCAGAGTGATGGGATAATCCCGTACCCGAA TACCGGTGGCGTTATACACCGCGTTGGCGATAGCCGCGCTCACGCCGCACAGGCCCAGCTCACCGACACCTTTGGCCTTC ATCGGGGAGGATATGGGGTCGGTATCATCCAGGAAAATCACCTCCTGTTTTGGGATATCCGCATGAACCGGCACCTCATA  ${\tt CGGACCCGAACTTCTCCCGTCGCGCTATGCACGCCGACCTCCACAAAATGCCCGGCAAAGGTCGACTGCTGGTACTCTTT}$ GCTCAGTGTTCCGAATTCAATGCTCTCTCCGCTGTCAGTCTGCCGCCTGCGGTGGCTTCATGTAGCGTGGCGCTTCGGG TACCGTTGGTAATCTTGCCGTCGGCAAACTGCGACTGCTCAGGATCAAACCCGACTGCCGAGGCAATCATTTCGCGAAGC TTCATACAGGCGGCGTAAACGCCGGAGGTGGAGGTATTCGCGCCCCATTGTCCACCAGAACCCGCAGAAACCGGGAAACT GGAATCGCCGAGGTGAACCGCAACCTGCTCCAGCGGTACGCCAAGCATTTCCGCTGCCGTCTGGGCCAGAATGGTGTAGC TGCCGGTGCCAATGTCGGTCATGTCCGTTTCTACGGTAACGGTGCCGTTTTGTTCGAGGTGAACCCGAGCACCCGATTTT TCCAGCAGATTATTGCGAAAGCCCGCCGCAACACCGTGGCCGACTAGCCACTCCCCGTCGCGCACCTGTCCGGGTGTGGC GTTGCGCTGCTTCCAGCCAAATTTATCCGCTCCGGTGCGCAAGCACTCGATAAGCTGACGGCGAGAGAAGCAGCGCGTCG GGTCGGCGGGGTCAACCTGAGTGTCATTCAGGATGCGAAACTCGACGGGATCGATGCCCGCTTTTTTCCGCCAGTTCGTCG GAGCCGCAGGCCGGTATGACGATTCGCCCCGGCGTAGAGTAATTCGCTTTGCTGTACCGCCGTTTCCGGCGTGCCGCCGG
GCAGGTTTCCAGACCAGCTTTCATGTGAGATAGCGGTGATTTTCCCGCTCTGGTCGGCACCGATACGCAAGTGCTGAAGG GGCGAGGCCCCCAGCAGCGCATCGCTTCTCAGGAACAGCTTGCCGCCAAACCCTCCGCCGATATACGGGGAGATAATAC GTAAGCTTATTTCCATCCCAGACGCCATCGAGGCATGCGGCTCCATCGCCATATGGCTCTGGTCCGGGGTCGTGTAGGT GATTGACGGCCTGTTTTTCGTCCGCCAGGGAGTAAGCTCCTTTATTACGGCGATAGTGTGCCTGCACCAGCGAGGCCGCC GCTCGCGCCTGTTCGAAGGTCTCGGCCACTACCAGCGCAATGGCCTGATGATAGTGCTCAATAGTGGGGCCGCCTAACAG  $\tt CCTGGCGGTGTTTTTGTCGCCTTTGCCGAGTGCCCCGGCGTTACTGGCGGTAATGACAGCCAGTACGCCCGGCGCTTTTT$ GCGCGGCGTCCGTATCAAGGGCGGTGAGGCGTCCTTTGGCAATGGCGGAACCGACGATATAGCCATAGGCGGCGTTGGGG GACAACCTTCAGCTGATCGGTTTTCCCCTGCGGGTTTATCAAATTTCATGCCTGTGCCCTCGCTTCAGCCAGTAC GGAGGCAAGCGTTCGCCTCGCCAACAGGAGTTTAAAGGTGTTTTCAGCGGTGGGATGGGCGCTGGCGAACAGCGTGTCAT ATACGGCCTGCGCCCCTGGGATAGCTGAGCATCCGCAGCCTCAATGCGCCAGGGCTTATGTGCTACTCCGCCCAGCGCG  ${\tt ACGCGCCCGCTGCCGTCAGGCTGAATAATCGCCGCGACCGATACCAGGGCAAAGGCCTTAGGAGGCGCGCATCGCGCACCTT}$ TGTGCGGCGTTTTTCCCGGAGGGTGATAAAAATCAGCCAGTGTGATACTGCGAGTCTTTCCCTCCGGCGTGATGGTTTCC AAAAATAGGGGCAGCGCTGCGCTGGAGCAGATTACCTGCGGTGGTTGCCTGATTACGTAACTGACCAGACGCGCCAGCG GCCGCCTCGGCTGGGGTATTCACTCGTTCATAGGTAAACGCCTTCATGATTTTATCTCCCCCGCAGCATCTTCAATGGCG GCAAGGATGTTAGCGTATGCACCACAGCGACAGATGTTGCCGCTCATACGTTCACGGATCTCATCGGCAGTTGTTTCTGG AGCGGAAACCAAATCGACCGTGACTGGCAATGCCGTCCTGAATCTCTTTTAGCACCGCTACTGATGAGCAAATTT GCCCGGAGGTGCAGTAGCCGCACTGGAAGCCATCATGCTTGATAAAGGCCGCCTGCATGGGGTGAAGATTATCTGGCGAA GACCAGCACGGTACAGGCTCCGCACTGTCCGTGATCGCAACCTTTCTTGGTACCGATCAAATGCAGATTTTCACGCAAAG TGTCCAGTAGCGTGGTTCGGGTATCCACCTCAAGCTGCTCGGTTTTGCCGTTCACCTTCAGTGTCAGGGGCATTATCTCT GGCGCGGTGTAGCTGCCGGAACGCTTGCCGCCAGCGTAGAATGAGGATAAACCACGGCGGTCGCCGCTGTTGCGGCGCT  $\tt CGTTAAGCATAGTCGGCGACAGCAGGAGGATTATTCTTAAAACGCGAATGCAGCTATGAGCCCGGCTAATAAATTCATGT$ TCGCCGGGATGTTGATGATGATGGGAGCTGGTTTATTGCTTTAGTTGTACGATGCAAAAACCAATAAGGAAACCTGTGAT TTTCAGCTCTACATCACCCTGCAAATCTCTGTCACTTCTAATATAAAAATAGGGAGAAATGATGGAGCTTATATTCATTG GCGATTAGGAAACTATCTTGTTATACAAAACAATACAGTTCTTTACATTTGCCTTGTTTTATGAATACTCCTGAAGAGGT GTATAACATAATGGTACAAGCAGGGTAGATATGAATATTTTGAACAAACTCCACCGAACCGCAGACGTTATGGTCTTGC TGCATTCATTGGGCTGATTGCTGGCGTTGTTTCCGCATTCGTGAAGTGGGGGGCTGAAGTTCCATTGCCGCCACGTAGCC TGTCTTTAACTGGGTTGGTGTTACGCACATTATCTTTTCGATAGTGTTTTGCTGTCGGTTATTGTGTGGTCGCTGAAGTAT TTCCAAAAATTAAACTCTGGCAGGGCTTACTGGCAGGTGCTTTAGCCCAACTTTTTGTTCATATGATTTCATTCCCTCTC GTCTATTGAAATTATTCGCAGAGATTTACGAAACAGAATTACTCATGAGCCAGACCCTGAGATCCCTTTAGGCTCAAACA GATAATGCATTGAATGATAAAAATGGCGCAAATACAGCGCCATTTTTATAGGTTAAAAACATTGCTTTTTATATTCTGAT GCAGATAGTCAGTGAGTATATCGCGCTACTTCAGGATGATGTAGATCCGAAGAACGCTACAGAAGAGAGGCATTGTTGCT GGCAAATAGAAGAAGTATCGGGTTTTGTTACCCCTGAAAAACGAAGCCCCGCTATTATCGCTGGCGGGCAGTGCAATTA ATTATTGTATGTTTATAACGGTGTCAGCCCGTATTTAGCCCTTGCACGATTGCAAGCCTCATTGACGACTCCGTTCTCAC  ${\tt GGGAATAGTACCGCCAGCATCGTCGGCCCAGTAAAAAGAGACGCGGAAAAATGCACAACAGGCACCACACGTCA}$ TGCATGGATTCAGATTGCTCATAATTCACCAGTACAGCTAAAAATCGTAAAGAGAACAGCGGTACATCGTATGTAAGAAC GTACCGCGGTTGGCTGGGGAACTTTCGATAGTGTGAGTATTGAATGATTTCCAGCCGTTACCGATTTTACGTACTAATTC GTGATTAAACCACTCGTTAGCAGGCTGCCTGATACCTTTCCGTGTCTCCTGAACACTATGGTGTGCATATGAGAAAGCCC  $\tt CCGATGGATAAGTCTTAGTCCGCCGAAGGGGGCTTAGCCGGACAGGAATCGCTAATCTTAATGAATTTGTCGTTATAGAC$  ${\tt CAGATAGTGATTCCCCGGCTGACGTAACTCAGGCTGATGAACCACGTCTCCCGGACGTAGATACCAGGCATCGCCTTCCT}$ TCGAAGGACCATTTAAACTGAACCTGACGTGGTCGTACTACCAGAATGGTATCCATCACCACCACCGCCTCCGTGCTGAC AGTTCACCATCCACCGGTCGGGTGCGCAATTCACTGCTGCCCGGGCTATCAATAGCACTGATGGCAATACGGTATATCCG AAATCGCCTGTGTCAAAGGTGCCGCCAGCATACAGACCGCTGTCAGCAGGGCCTTAGTTAATGTTACGCCACGTCGCCTG AACATGAATCTCTCCTGAAGCGCTGACTTCGCCAAACCAGCCGTTATCATCTACCGTACGCAGCGAAATGGCGTTATCCA TTGGAATCGAAAATTTGACTGTGGTCTTATCCATCTGCCCCACTTCGCCAGAGATATCAGTCCACGGTGTGGTCAACCAC AGCGCATCGGTCATATCCCGCCAGCTATCATCGCACCCGGCATCGTAGGTTTTTGTAGCTCCGTTGCGGGTAATAAAGGA GACTCGCCGCTGCCAACATATCCCTCCCGCGACGGTGTCTGAGTATATTCATCGGAGATAATACTGATGCTGAAATCACG TGAATAGATCTTTGGTGTTGATATCGCTGATCCCGAGGTTCACCATCTGCTTAAAGAAGTTGCTCGAGAAGAAAACATAG ATCGAGTCTGCGCTCTTCATCTCGTTGAAGGTGTAGTAATAGGCGGTATTGCTCACCGGTTTCCATGAACTGCCATTCAG TGCTGAGTCCGTTTGTTTGCAGGGTATAGTTAACCATCTTACAACTTAATCCTGAACGGCTGCCGATGGTTTGCGTCCGG  ${\tt CCGTAGATTTGCTGCTATGGGTGACGTTGCGAACATACCAGTTGCCGGAGGCCTGATCCTTACAGCGTGCGCCGC}$ TGCTGGCGTCATAGTTCACAGAGGTCTGGCAGGCATTGATGGTCATTGTAAAGCTGCTGCCGACGGGCATTTGTTGCATA TACTGGTAAAACGCGTCTGACAACATGCCGTGCATCCACTTCGCGCCGCCGCTGGTCACCGTCGCGCCATAAAATCCACT GGCGTCGGTGGTTTGCGGCAGGATAAGACTGGTGGTCATATTACACCCAGCGTACCAGTTGATGCAGCGCAAGCCAGTTA AAGGAGATGAAACTGGTGAATTTTCCAGCCACATATCAAACTTCCAGTTGGTATAAAGGCCGGTGTTGTAACCGTTATCA ATGTAGCCGAGGCTTTGCTGATAGATGGTTCCTGAACCAGTGTATTTTAAACCGGTCCAGCGGTTGGCACCGGTCAGGCG  $\tt CGGATCCAGCGCCCGCCAGGAGTGACGAAAAAGTTGTCGTCTGAGTTGTTTTCGACAAACACAAACTCGCGTGCCGGTG$  $\tt CATCCGCCCAGGTTGTTTTGCTCACTGCCGCTCTGAGCGCAGTTACTGGCCAGATTAGCGCGAAAATTATCATCGTTATT$ AGTAGGTTAACTCTCATTCTCTCTGTCTGCGTCACCGCCGCCCACGATGAGAGGCCGCTGCAGACCACATCACCGA  $\tt CCCAGACGGCACCGCGCCCTGGTTGAGTTCCAGAGCCACTTCGCAGGTTTTATTGCCACTGTAGCGAAAATCGATAGTG$ GGGTATTTCTTATCCACGTCCATGACAAACTCGCCGTTTTCATCGGTTCGGGTTCGGCCGATATGGTTGTTAATCCGTGC GTTAGCCAGCAGTGTGCCGTCTTCCGCACGGATACGACCGGAGACGGTAACCATCTGCTTCACCTCTGGCTCAATGACAG TGTAACTCCACCTCATATCTTCCATAGGGAGAGAGGGGGGAGATAGTTACGCTTGCCGTTAAGCGGGAAAATCCGCCCGTT GCCGGAGATGGCACGTGACAGATTGGCACCAACAGTGCGAATGGTTCCTTCATCAAACTGTTTGCGTGCTGACAGGTTTG  ${\tt CCATGGTGTAGCCGTTTTGATGAGTCATCCCTGCGCTAAACCAGTTGCCCAGTGGTAGCGAGAGATCGAGAGCGATATAT}$ TTTCCTGTATTGGCGTTGCTGTCGCCGTTGTTATAGCGCTGAATACCGGCCCGCAGGCCAAGCGAACCAAAGGTACCGCT GTAGACATTTTGATAGTAATCTGCCGTGTAATAATGGCTGTTGTAACGGCGGTCATCATTGTAGCTGATGCTGAATGTGC  $\tt CCACCGCCTGATTATCGTATCCCGTTGCCGCCCAGCTAAGCGTACTCAATGAGCCGGAGGTCGAGGCACCTGCT$ AGCCAACTCTCTTTAGCTGGTCGCGTCTTTTTCCCGTTTTTCCGACCAGCGATCCATATGAAAGCTACCGCCCCATACCTG CGTTAACGATCACCTCAACTTCCACATCGTAAATCCCGTACGGTAGACCCCGGGTATCCACTTCATGATTGCCCATAGTG GGCTGACTGGCTGCTGTCGAAGATGGTGGAGCTGGCCTGGTTTCCCCAGGAAAGGCCGTAAATCTTCCCTGCTGAAATGG  ${\tt CGGTCATCGGCCCTAAGGACTGCAAGTTCCAGGTGTCGAGCATTCCACCGGCAAATCGGTGACCGGCAAAATCGCGTTCACCGGTCAAGGACTGCAAGGTTCCAGGTGACCGGCAAATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGGACTGCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCGCGTTCAAGATCAAGATCGCGTTCAAGATCAAGATCGCGTTCAAGATCAAGATCGCGTTCAAGATCAAGATCGCGTTCAAGATCAAGATCAAGATCGCGTTCAAGATCAAGATCGCGTTCAAGATCAAAAA$ TACATCGCTTTATATAATTCACTGTCCTGTTGACCGCTACCGATCCCGTACAGCGAGCCGTCGAGCACCACATGATGTTC  $\tt GCGCAGTGCAGTAACGTTATTCAGCGACAGATAGCTGGATGTGTTGCTCCCGCCGTTACGCAACTGGTTGTTATAGACGC$  ${\tt CCAAGTTATAGCTCAGATTACTGCTGAGGGTGTTAACACTGGACTGCCCGATGTCTTCGCTACGTGAGCGTAGTACGGTG}$ GATGGTAAGGGCCTCATTGAACGGGGCGTTGGCCAGAGCCATCAGCTGCTGTCGAGTTTGTTCGCTGACACTGGCGTTAT TGCCGAAGGCAAACTGGGCTTTCAGTCCTGGGGAGAACCGTCGTAAAGGCATTGTCGTTATCCATCTGCACAGCTATCTA TTTCACGGGAATGAACTTATCACCCTGCCAAAGTGCAACCCGTCCTTTGTTATCCGCAGTGTCCACGCGGGTAAAACGAC ATCCGCAGCGTCGCATTTCCTGTATTTGTCAGGGAGCCGTTGGCGTACTGAAAGTGGTAGTTCGCCTGACGAGGGGCGAC GACCAGAATGGTGCCGATGCGGCGGAAGCAGTGGCCACAGCGCTGCGGTTGGCATTATCGCGCTGCGCATCACTGAGGG  $\tt CCTGATCAAACCAGACAATGCGGTAGTAGCGCTCTTTTCATCTGCGGGTCCCTTATAGAAGAAGCGGATCACTTCGCTG$  $\operatorname{GCTTGGGCGGTAGCAGCTGGCGGGGGTGAGTAGCAACTCATCCGGCTTGTCCATTGAGATAACCTGCCGTCGTC$ TGCTGCTGTCACTGTTCATAAACGATGATATATCGCCGACATCCAGCGCCTGGGCCGGAGATATTCCGGAAAACAGCAGA GCGAGAGGCAGAAGGTGCTTTTTCATAACAATTCCGTCCAGGAATAAAGCAGGGGGGCTACCCCTGCTGGTACATCAGAG AGATTAACTGGTCCAGGTCGCGTCGAACTGTACGCTAACGTCGCCGCTCCAGATGCCTTCCGGTAGAGTGCTGTAATCTG TTGTAACCGTTAGCCAGCGGGCTAAGGTTGCCGCCCAGTACGCCGTTGGCGGTATCGATCATCACGGTATCGCCAGTTTT TAAGACGTGAGGTCAGTTTAAAGGCGGTAGCCGTTGAGTCACCCTCGATAGCCACGTCAAATAGACCTTTCTGTGAGTTA  $A \texttt{AAACCTTTAATGCCTTCGGCATACTGGAACGCCAGGCTACCGAGTGGCGTCACAACCAGCTTACTGGTGGTGTCTTTTTT$ GGCTGTTGCCGACCAGGTCGCTACAGCCTGAGCTGTTACGTCAGCAGCCTGCGCCACACCCATGCCGGTAAACACCGTTA  $\tt CCAGAGCTATTGCCAGAACCTTTTTTTCATTGCATTTCTTCCCGAGTTGAATTGAGGACGTGATGTCCCAGTGAGTCAT$ TTTTTAAAACTAACTTGCCTGGAGTTTACTGAACCAACTTATATATTTTTTGAGTACAGCTTGGCCTCAGCATTACGCCGA AATTTCCATTTCCCGGTCCGTGATTTTATCTTTAATATCTTTTCTCAGGAACCTGCCATTAATCACATAGACCAGTT CTTTTCTAATATCACGACTCAGTCCAGCGTATACCACGCCCCTAATATTGCTATTGTAATACCAATAATTTGCTAAGGCC CATTCCATATGGTTTTTAACCTCATAGTCCCTACTGTAATCACTTTGCCATGTCACTACTTTCCAAACCTGTAATTTTTA CAGGTGCATTCAGTTTCCTTAGTAAACCGGAAGTAAATAAGATACGTAGTACATATCAATAAAGGTTAAACGAGATTAAG TTTAATTATTTTCGATTGGGCTTAAATTTATGTTTTTTTCCCGATGAGTGTCAATATGTGAACGGAAAAGGAATTCAAT GGTTAAGTCAATATTTAGAAAAACTGAAAATATTGCTTTTTTGATAAGAAGAAAAAAGACATTTGGTTTCATAAGGTTATT GGCAATATAACGTTCAATTCTTACTTGCATTTTATATTGGTCAGGAACTTTGCCCTGAAGTGTTAGGAATAGTCTTAATG
CGCTGTGTGATGGACTAGTAAAAAAACAAGTTTTAAGGGTAAGGGATAGAATATAAAACTATGATGAGCTGTCATTGAAG ATGATTTGCCAATCAGTAAGATATTTTAATGGATTAACATGCCGCACAAAATGGTTACAGGTGTTCATTCCAATAAGTAA TGGAAAATTGAACGGCCTATGTACGTCATCTGTTCGGTAAGCCCCCAAGAGCCAGATTAAGTGAAGTTAAACGAAGGCT GCCAGCTGTCACAGGAACGATGGCCTTTTTGTCAGGGCACTGCATTCAGTTATCTGTGCGCGTTACTCTAACTGGCACTC GAACGTCGGCGACGGGGTTACCGGTGGATCAGACTGTTCCTGTGGCGTAAACGTTTTTATGTTAGTACCAACAGATTTAC

AAAGAGGGTTGATGCCAGCATACAGGGGCGAAGCTGGTCAACAAGTCAACATTAAGATAATGGAATATTCGGAGAGAAAC GTCAGGCAGTTGGCCTCAAATGAACAGGAAGAATATATCCCCAGGAAAATTAATGTTGGTGTTATAAACACACCAACATT AATCCGATCTGATTATTAATCAGACAAATATCGTTAATCCGTCGAATTTTGAATCAACGTTTTTTCTTACGACCCTGAAC GGCCTTAAAACGTGGATTAGATTTACAAATCACATATAGCCGTCCTTTTCGCTTCACAATCTGACAGTCTGGATGGCGTT CTTTTGCGGTACGCAGAGAGTTAAGAACTTTCATCACGCCCCCTTTTTCGTGCTAACAAACGACCAAAACGTTGGGTGA ATCGTGCAACATTTCCTTCTGATGCCACTGTTCTCAGCTTCCCTGTATAGAACGGGTGCGATTTAGAAGAGACATCAATT GTCACGTATGGATACGTTACGCCATCCAGCTCAATCTCACGGTCTGTTTTGATAGTCGAGCCGATTTTAAAGTACTCATC CATAACCATAAAGATACATGCTCATCCGGATCATTTCAACACTCAATCCCTGTGACTCTTTGTGGATGTGGAATTTTTCGC GTGCCCTTATATAAATAACGAGTTTGGTCAACCAATTTTTTGACATGTATCACAAATTTGAATAGATGTATTACATCAAC TATCTTTATTGCACCAACGTCATTGATATGTCGCCTGAAGTCAGTTCCGGGAATGAGTCTGATCTCAAGACTGGCCC AGTCCGGGCGTTGATTGGTGCTGAGGAGCATATCGCATCTCATCATAATGTCGTATCTCCTGGGGTGTTATACAAGATAT TTGATCCCATAGTTTATCCGGAATGGTTAATTCATGAACAAGTTGTGTTATCGTTCATGAGAAGCATAACGTAAAGGGAA AAGCTCGATTAGACGGCAGAATTTGTCAGGGGTTATGAACGAAATTCATAAATCTGTTTGAGTGTTGCGATGGGTAGTGC AAGTTCGATATCTCCGCAATTTACAGTCCGATGAAGGAAAATGAATATCCATAAAAAATATATTGGTTTATCCTGGCATA TATACCTATTTCGACGTATTTCCAATAGTTTTAATTAAAGGCAGGTCATTGTTATTCACTCTGAATAGTGAATTATTCAC ATATAATCCCGCGCCCAACCACCTGATGAGTGGCTATAGGCACTGGATATATTAGGTGGCGGTGCACTTTCTTACATAAA GGTATTTCCTTTTCTGCGGAAAAGGAAATCGGGAAATCCCCGGTTTTTCTGACAAGCAGACGCCATTATTTGTGTCTGCC TATGTTCGTTAATTCGTTCATCAGGAAATTATCTCAATGTCACATTATAAAACAGGTCATAAACAACCACGATTTCGTTA TTCAGTTCTGGCCCGCTGCGTGGCGTGGCCAAATATCTCTGTTCAGGTTCTTTTTCCACTCGCTGTCACCTTTACCCCAG TAATGCCGCACGTGCCACGCTTCAGCCACGGTTGAGCATGCGAAATACTACGGTAACTGCTGATAATAACGTG GAGAAAAATGTCGCGTCGTTTGCCGCAAATGCCGGGACATTTTTTAAGCAGTCAGCCAGATAGCGATGCGACACGTAACTT TATTACCGGAATGGCCACAGCTAAAGCTAACCAGGAAATACAGGAGTGGCTCGGGAAATATGGTACTGCGCGCGTCAAAC TGAATGTCGATAAAGATTTCTCGCTGAAGGATTCTTCGCTGGAAATGCTTTATCCGATTTATGATACGCCGACAAATATG AAATGACTGGATGGCGGGGGTGAATACTTTTATCGATCATGATTTATCCCGTAGTCATACCCGCATTGGTGTTGGTGCGG GATTATCAGGAACGCCCGGCGAATGGCTGGGATATTCGTGCTGAGGGCTATTTACCCGCCTGGCCGCAGCTTGGCGCAAG  $\tt CCTGATGTATGAACAGTATTATGGCGATGAAGTCGGGCTGTTTGGTAAAGATAAGCGCCAGAAAGACCCGCATGCTATTT$ GGTGACTCACATGACAAAAACGTATCAACCAGTAAAAAACCCCGTAAACAGCATTCGCCTGAATTTCGCAGTGAAGCCC TGAAGCTTGCTGAACGCATCGGTGTTACTGCCGCAGCCCGTGAACTCAGCCTGTATGAATCACAACTCTACAACTGGCGC GGCAGAACGGGATGAAGAGCTGGCTATCCTCCAAAAGGCCGCGACATACTTCGCGAAGCGCCTGAAATGAAGTATGTCTT TATTGAAAAACATCAGGCTGAGTTCAGCATCAAAGCAATGTGCCGCGTGCTCCGGGTGGCCCGCAGCGGCTGGTATACGT GGTGTCAGCGGCGGACAAGGATAAGCACGCGTCAGCAGTTCCGCCAACACTGCGACAGCGTTGTCCTCGCGGCTTTTACC  $\tt CGGTCAAAACAGCGTTACGGTGCCCCACGCCTGACGGATGAACTGCGTGCTCAGGGTTACCCCTTTAACGTAAAAACCGT$  TGCCTGTGTCAGAAAATCTGTTGGAGCAGGATTTTTACGCCAGTGGCCCGAACCAGAAGTGGGCAGGAGACATCACGTAC TTACGTACAGATGAAGGCTGGCTGTATCTGGCAGTGGTCATTGACCTGTGGTCACGTGCCGTTATTGGCTGGTCAATGTC GCCACGCATGACGGCGCAACTGGCCTGCGATGCCCTGCAGATGGCGCTGTGGCGGCGTAAGAGGCCCCGGAACGTTATCG TTCACACGGACCGTGGAGGCCAGTACTGTTCAGCAGATTATCAGGCGCAACTGAAGCGGCATAATCTGCGTGGAAGTATG AGCGCAAAAGGTTGCTGCTACGATAATGCCTGCGTGGAAAGCTTCTTTCATTCGCTGAAAGTGGAATGTATCCATGGAGA ACACTTTATCAGCCGGGAAATAATGCGGGCAACGGTGTTTAATTATATCGAATGTGATTACAATCGGTGGCGGCGGCACA GTTGGTGTGGCGGCCTCAGTCCGGAACAATTTGAAAACAAGAACCTCGCTTAGGCCTGTGTCCATATTACGTGGGTAGGA TCATAAAGTCCTCGGGTCGTTGTCCACTCTTTTGGCATGTCAGCATATTCACATACCGTACCAGCAAAAGTTTCAACCGT GAGCAAATCGACCGATTTTGTTGACGGTTCAAACGTGGAAACGAAATAGATATCCGTCTTAAAATTCTTCATACATCTGG CTAAATGACGTCGTAGTTTGACTTCTTCATCCGGTGATTTATTCGACACTTCAATGTCATATTTAAATGAGTTGCCA AAAATAGGTGTCTCAGGAAAGTTGATTAATCTACACTCCGTCTTTTGCTGTTGACGTATTAAAAAAAGAAGGGAAGATATT TGCGAGATCCCAATAATCACGGTGGCGGTATTCACGGGGAGAGCAGCCGAATAACTTTTTAAATTCGCGGCTGAATGACT GCTGTGAATCAAAATGCAAAGAGTGCAATATCAAGCATAGATTTCGCGGTGAGCCGGACAAGAATGGCGGCACGACAA GCCAGATTTCTGTGCGATATCTTCGATTGAAATAGGGTGCTCAAGATTGCACTCAATCCACTCCAGGAGCTGCTGTAGAA TCTTCTGCCTGATCATCTCATTCTCCGTTAATTCTTTGTCATATCGCACATTTTCGTTATACCCTGGGCCCTAAGTGTAT CAAAAATAGCAAGGGCGAAGGCAAAAGCACTGGTAGCGTCTGCTTCGTTGTCCCCGAAAATAGAGAGGTTTCAGTCCTAC ATTATTAATGAATTTTTTGCATAAGTGATATCAAAATCCACATACTACTTTGAGGTTACGTTTTAACGTAGACTCATTGT TCATGCCTAATGGAGGGACTGACAGTGGAATTTTCCGTATAGTCTGCTTCAGAGTATTGCAGATGCCCATCAAAAATCGA TTTCTCACTGACAGATAAAGAAATGGCACAAATTAGTTCGCTTGATTTTGGGTTATGTTGGGGAGTCGGTAAAACATTTTA ACCTTTTAACAGGGAGTGATATTGATCTTCACTCTGTCATATCTCCGGTAATATGGCGTCAGGCTTCATCATCAGAAAGG GGGCCTGACGCCTGAAAAAGTGAACAACAGACAGTGTTCGGATTATCAATATTCAGTTTTTAACGTTGAACTGGATTCAT TACTGCGTTGTTTAAGAATTTCCCGCGCCGAATCTGCCATTATCATGACTGCACCTGCCAGCATCAGAGTATCTTTCAAT GATTAAAAATGAGAGTGTTACCAGCGGCGTGGTAAATGCCATCAGTCCTCCCAATAAACCTAACCAGCGATTGACAGGAT TAGCCAAAACCAGCAGAGCAATAATCACCTCCACGACGCCAAGACCGTTGGAAAAACCATAGGTATTATTGGCCGTTTGC  ${\tt CATGCCCTTGCTTCTGGTTTGTATTCGCCTTCGTGAGTCAGATACTGTTTATAGTCTTCCGGGTGTTCATAAAAGAACGA}$ CATTAGTGGACTGTTTTGCGACGAATGGTGTAATGCTGTCTGCCTCGTAAGGGACAAACTTTAATAACCCAATCCACATAA AAACAATTGCAATACTCAGACGAATCAATGTCAGGCCAATTTTATCTCCCCGACTTAACAGGTGCAGGTATTTTTCCATT GTGAACATCCTTATTTATACAATACTGCTGTTGCGGTTGAATTATTATCAATTCGCATCGATGTGACTTTCCAGGATGAA GCATTATATTTTCTGGCTATATCAGCAATGGTATCCTCCAGAACTGTCGGTGATGCTGATACTGACGAGACGCTGATATG TTTCAGAATTATTTTATCATCTGCATTGGTGGAAAATGCCATAACGCCAGATAATAGTGTTGCAAATAAAACAGATTTTT TAAACATATAAAATACCATCAATGAAGTGATTAAGAAGTTATAGAGTAACAGAGAATTAATAAGATTCTTTTCTCTGAGA TTGTTCTTCTGTCATACCAACCCTGGACAGGGGCGGTGTCATAAATACGGAATAAGGCACATTTTTCCGATCATCAGTAC GTAACATCTCCCATCGCCCAAATATTGTCTGCGGTGGTATGTAATCGCTTGTCAACGACAATTGCCCCGCGCTCGTTTAC TGCGATACCGGCATTTTCTGGATGTAACGAAGCGGTAGCCGGTTGACGACCGGAAGCTATTAACAGTGCATCCACCGCCA GTTGGGCGTGCTCGCTATGCACTTGCACTTGATTTTCATGGTGACTGATTCGCTCCACATGGGCATTGAGGATAATATCG ACGCCCTGATCGCGTAAAATCGTCGCGATATTATCAGCAATATCCCGATCTTCCCGAGGCAAAAACCAGCGAAGCTGCTTC TAAAATGGTTACCTTGCTGCCAAAATTAGCGAACATAGAGGCGAACTCAACGCCAATATATCCGCCGCCCAAAATACCTA  ${\tt AATGCCCAGGCAATTCTTTAGATTAAGTAATCCGGTGCTGTCATATACTCCTGGCGTGGTGGTAATTCCAGGAATTGGC}$ GGAACCACGGTTTGTGCACCGGTATTAATAAAAATTTTCTCGCCATGAATTTCCAGATTTCCCTCAGGCCGATGAACACG  ${\tt CAGGCTATGATTATTGATAAACTCCGCCTGGCCGTCGATCACGTCGATATTGGGCATATCCGCAAGATTATGAAAATTCT}$ 

TATTACGTAAAAAATTAACCACTTCATTTTTACGCTGTATGGCACGGACAAAATCTGTGTGCTGTGCGTCATGAACC AATGTTTTGGTTGGGATGCAGCCGATATTAATACAGGTCCCGCCATACATTGCATTTGATTGTTCGATGAGAGCCACTCG TGATGATTTCCTGTCGAAACGCGTTCATTTGACATCATGACTATAGACGCAAAAGAGCCAAATAACATTTCTTCACAACGC TTGATATTTTGTCTTATCGTCTGATATTTTCTTTTTCTTAATCAGAATCACAAAACAAAATCATGATTAACTATTTGAT GGTATTAGATTAGTTATTTACTAAGATTGTTGGTGTTTTGTAATCAAAAACCACTCAGGAGTCTGATATGGATGCCCTTAG GTGCCGGGGAATTATCGGTTATTCGTTGGCATGCGTTAACGCAAGGAGCGGCGAAGCTGGAAATGCCGACGGGGGAGATT TTTACATTACGCCCGGGAAATGTGGTCCTGCTACCACAAAATTCAGCTCATCGCCTGAGTCATGTCGATAATGAATCGAC TACTGAGAAAAACATTCTCAGTTTGCTTCTGCATCCACGTCTTGGTGCGGTAATACAGCAAATGCTGGAAATGCCAGGAC GGAACCACGCCGCTGGCTGTATTAACAAAGTTGCGTCTACAAATAGCGGCCCAGATGTTTTCCCGGGAAACGCTCCCTGT TGTGGTGATCGCTGAGTCAGTAGGCTATGCCAGTGAATCATCTTTTCACAAGGCGTTTGTCCGCGAGTTTGGTTGTACCC  $\tt CGGGAGAATATCGGGAAAGGGTCAGACAGCTTGCACCCTGAATAAAACCGCCAGAAATCAGGGCAAAGATAATCCGCATT$  $\tt CCGGGAGTTGTGAGCCTTTCAACTATTTCTATTTCCAACGGTGGTTTTGGGCTTTATATATTTTTTTCTGATGGACTCTAGC$ GGTGATTTTTTGTACACCATCAGTGTATATCTCAATAACCCCTGAATAAGTAGCTCTGAATAAGGTATAAGGGATGTAGC TAGTTATTGCATTTGACGTTTGGATGAAAGATTATCATTTGTCATACAAATGAGGGGTTGTTGCTAGCCAATTAAA AAAGAACGCCATATTTATTGATGATTGATCCCCCGGTGGGGGGGAAACATCGGGCATAAATGGGCATGAAGTAATGGAGT ATTAGTTGTGAATGTCAATTTCTTTGTCACCTGTATTGGTGACGCCCTGAAATCAAGAATGGCACGAGACTCCGTGCTGC TACTGGAAAAACTCGGCTGTCGCGTAAATTTCCCGGAGAAACAGGGATGCTGCGGTCAGCCTGCGATCAATAGCGGTTAT ATCAAAGAAGCGATTCCAGGGATGAAAAATCTGATCGCCGCACTGGAGGATAACGACGATCCCATTATTTCACCGGCTGG  $\tt CTCTTGCACCTATGCCGTAAAAAGTTACCCGACGTATCTGGCGGATGAACCTGAATGGGCATCACGTGCCGCAAAGGTTG$ GCGGTGTATCACCCATCTTGTAGCCTGGCCCGTAAGCTGGGAGTGAAGGACGAGCCACTTACGCTGCTGAAAAATGTGCG  ${\tt TGGACTGGAGCTGTTGACCTTTGCTGAACAGGATACCTGCTGCGGATTTTGGCGGCACGTTCTCGGTCAAAATGGCCGAAA}$ TATCCGGCGAGATGGTGAAAGAAAGGTTGCGCACCTGATGGAAGTCCGCCCTGAGTATTTAATTGGTGCTGACGTGAGT TGCCTGCTAAACATCAGTGGGCGATTACAACGGGAAGGGCAGAAAGTCAAAGTGATGCATATTGCTGAAGTGTTGATGAG  ${\tt CCGCTGAGGATATAAAGATGTCGATCAAAACCAGTAATACAGATTTTAAGACACGCATCCGTCAGCAAATTGAAGATCCG}$ ATCATGCGCAAAGCGGTGGCAAACGCGCAGCGTATTGGGGCAAATCGGCAAAAAATGGTCGATGAATTGGGGCACTG GGAGGAGTGGCGCGATCGGGCCCCCAGATACGTGATCATGTTCTGAGTAATCTCGACGCTTATCTGTACCAGCTCTCAG AAAAAGTGACGCAAAACGGCGGTCACGTCTATTTTGCAAGAACCAAAGAAGACGCTACCCGCTACATTTTACAGGTTGCC CAACGCAAAAATGCCCGGAAGGTGGTGAAATCTAAATCGATGGTGACCGAAGAGATTGGTGTCAATCATGTTGTTGCAGGA TGCTGGCATTCAGGTGATTGAAACCGATCTGGGTGAATATATTCTCCAGCTGGATCAAGATCCGCCATCTCATGTTGTGG TCCCGGCAATTCATAAAGATCGCCATCAGATCCGTCGAGTGCTACACGAACGTCTGGGCTATGAGGGGCCGGAAACGCCT GAAGCGATGACCTTATTCATCCGGCAAAAAATCCGCGAAGATTTCCTCAGTGCTGAAATAGGTATTACCGGCTGTAATTT  $\tt CGCGGTGGCAGAGACCGGTTCGGTATGCCTGGTGACCAATGAAGGTAATGCGCGAATGTGTACCACGCTGCCTAAAACGC$ ATATTGCAGTGATGGGAATGGAGCGTATTGCCCCCACGTTTGCCGAGGTAGATGTATTGATCACCATGCTGGCGCGCAGT GCCGTTGGTGCACGTTTGACGGGATACAACACCTGGCTGACAGGACCGCGCGAAGCTGGGCACGTTGATGGTCCTGAAGA GTTTCATCTGGTTATTGTCGATAACGGGCGTTCTGAGGTGCTGGCCTCTGAATTTCGGGATGTGCTGCGCTGTATTCGCT GGTGCGGTGATTTCTCCGCTACTTGGCGGCTATAAAGATTTTAAAGATTTACCCTACGCCTGCTCTTTATGCACAGCTTG TGACAACGTGTGTCCGGTGCGTATTCCGCTGTCAAAACTGATTTTGCGTCATCGTCGGGTGATGGCTGAAAAAGGGATCA  AGCACGCGATCTTCCTGAAGCTGACGGAGAGAGTTTCCGTAGTTGGTTTAAGAAACATCAGGCGCAGGAGAAAAAGAATG GATAATCGAGGCGAATTTTTGAATAACGTTGCTCAGGCACTGGGTCGCCCGCTGCGACTTGAACCGCAAGCAGAAGATGC GCCGCTTAACAACTATGCTAACGAGCGGCTTACCCAACTTAACCAACAGCAGCGCTGTGACGCGTTTATTCAGTTTGCCA  ${\tt GCGATGTTATGTTGACGCGCTGTGAGCTGACCAGCGAGGCGAAGGCGGCAGAAGCTGCAATACGTCTGTGTAAAGAGCTG}$ GGAGATCAGTCGGTCGTGATTAGCGGTGACACGAGGCTGGAGGAATTGGGGATTAGCGAACGTTTGCAGCAGGAATGCAA AATATGGTTTAACCGAATCGGGAGGCGTGGTTCTTTTTTCCGCCGCCGAGCGCGGGCGTTCATTGAGCCTGCTCCCGGAA TATTCTCTTTTTATCCTGCGTAAAAGCACTATCCTGCCGCGTGTAGCGCAACTCGCAGAAAAATTGCATCAGAAAGCGCA GGCCGGTGAACGAATGCCTTCCTGCATTAACATCATTAGCGGCCCCAGTTCAACGGCGGATATTGAGCTTATCAAAGTCG TGAAGAAGGCATACGAGGTTGAAAATAGCGTTTAGGACAACCTGACTTAACCCCGTTCCGTCATGGTTATGCTGCTCTTC TGTAAATATCCTGGTATTACCAATGCCAGGATATTTACAGTGAAAAAGACAGGCATCCATTCCTGAAAACGGGTTCCCTT  ${\tt CCCGGTCATTGTCACCTTCAGCTTTATACAGGCACTCTCTATCAGAATGTTGTTTATTACTGCCCAGAGTTTTGTTGGTAT}$ TCATCTACCATTTTTTTGACAAGGCAAAACATTACAGAAATTACAATGCTTAGAAAAATCCCAGAGCCAGGCAAATGGC AGCAGGGTATTTATTTTTTATTTCTGGTGAGCTTATAGTTACACAGCCATCACCGTTCGGATACAATGACCAGTTCCTGG TGATATTCTGACGCATACCATTTGATAATAGAGGCCTGCACGCGAGATATTTCCTCTTCAGCAGTTGGTAAAGCTCTCTT ATCTCCTGACCATTCCAGCCTTATTTCTCTGTTCTTGACATCTGGGCTGGTGTGAAAAAATGTAGTAATTCGCTGAATAA  $\tt CATCTTCAGTCATTGTAGTCTGACAGGCAAAATTATTATTGCTATCACAGCTAACAAGTATACCTGGCGTTGTCTGGTTT$ AATAAAAAGGATAACACGAATCTTTTTCTTCAGATAAAATAAAATCTCAATCAGATCGATATCCTGTTTGATTTGTTCAC GCATAATATATCCAGAGAATAAAATCTGTCGCAGATAAGGTTGTATTAATAGTCTGTATCAGGAATGTTCGGGTTAAATA TCAGCAAAAAGCCCGCATCATGAATACTGGATATGAAGCATGAGAGTTACCTCAGTGTTTATATAAGGATTCGGTCCCCC TCTCTGGAACGGTAACTCTCAATCTGATCGGTTCCTGCGTTAGTTCACATCACGACTCATTTTTTCGCTCTCACCGGCAT TCATAATTGTCGTGGCGTTCAAATTCCCGGTGATAATCTGCGGCATAATCGACGCATCCACCACACGCAGGCCTTCTAAC TTCGGCGTGGTTACGCACGAACTCATCGAGCTGTTCATCCGTCTGGCATTCGACACCGGGGCTGATTTCGCGGCCACGAT GACATGTAGTTAAACAGAATCGCCGGATGCTGGTGCGGGTCGCGGGATTTAATCCGCACATGCCCACGGCTTGGCGAGCG CATTGAGCCGACGTGGCACTGGAAACCGTGCTCTTTCACTGCATTCGAGCCGTTATAGTTAATCGCTACTGGCAGGAAAT GGTACTGAATATTCGGCCACGCAAATTCCTCACGGCTGCGAATAAATCCACCTGCTTCAAAGTGGTTGCTGGCACCAACG TTTGCACTCATATTGCAGATACATCTCCAGATGATCCTGAAGATTTTCGCCGACGCCGGGTAATTCATGCACCAGCGGAA TATCAAACTCCGCCAGCAGTTCAGCGTTGCCGACGCCGGAGCGTTGCAGGATCTGCGGTGAGGCAATCGCGCCTGCACAT AACAGCACTTCTTTGTTGGCCGTTGCGCGGGTTGGGATGGTGCTGTCGCCTTCCAGCCATTCGACGCCCACCGCGCGTTT GCCGTCAAAAATGATGTGATCGGTCATAGCGTGAGTACGAATGGTCAGGTTAGGACGCGATTTGGCCTGATCGAGATAGC CACGCGCGGTGCTGGCGCGCCCTGCGGCGTGACGGTCCATCGGACCAAAACCTTCCTGCTGATAACCGTTG AGATCGTCCGTGCGCGGGTAGCCCGCCTGCACGCCCGCTTCAATCATCGCTTCAAACAGCGGATTGACGCCGGGTTTGGA GGTAGTGACGCTCACCGGGCCATCACCGCCGTGATAGTCGTTTTCACCCCATATCGCGAGTCTCGGCCTTGCGGTAGTAGG GCAGGCAGTCGAGGTAGCTCCAGTTCTCCAGACCGGGTTCTTGCGCCCAGTTATCGAGATCCAGCGCATTGCCACGGATG TAGCACATGCCGTTGATCAGCGACGATCCACCCAGACCTTTACCGCGTCCGCACTCCATGCGGCGGTTATTCATAAACGG TTCAGGTTCCGTTTCATAGGCCCAGTTGTAGCGTTTACCCTGTAGCGGGAATGCCAGGGCAGCGGGCATCTGGGTGCGGA ACGTTGCCGGCTGAGCCGCCACTAATGATGTCAAATTGCAAATTAAACCTCCTGGTTAGAATATGGACTGGAATT TAGCCATCTCAACCTGGATGGACTTCACCTGGGTGTAACTCTGGAGCGTCATCACGCCGTTCTCGCGACCAATGCCGGAG TGTTTGTAGCCGCCAACGGGCATCTCTGCCGGGGATTCGCCCCAGGTGTTGATCCAGCAAATACCCGCTTCCAGCTGATG AATGACGCGATGCGCGCGGTTCAGGTCCGCTGTCACGATGCCCGCCAGGCCGTAGTCGGTATCGTTAGCGCGGCGAA TACGCGCGCGCCTTCCTCTTTGCCTTTTGCCGATATAGCGCAGCACGTTATCGCGATGCGGGAAGCTGACCAGCGGGCCGA AGTTAGTTTGCGGATCGAAAACGTCGCCCGCGCGAATGCGCTCAACGCGCGCAGAATTTTCTGCTCAAATGCGGCTTTG CATTTCGCCGGAACGAGACGCGGGTGCCATTGGTACACACCTGACCGGAGCTGAAGAAGTTTGCCATCATGGCGATATC GGCGGCGAGATCGGCATCATCGAAAACGATCAGCGGTGATTTACCGCCCAGTTCCATGGTCACTTCTTTCAGGG AAGAGGCCGCCGAGTTAGCCATCACTTTTTTGCCGCTGGCGACACCGCCGGTAAATGACACTTTGGCAATGCCCGGATGC TCGGTCAGATATTGCCCGGTCTCCGCGCCCACGCCCGGCAACACGTTAAATACGCCGTCCGGCAGGCCCGCTTCGCTGTA GGGCGGATTTCCACAGGGCAATCTGGATCGGGTAGTTCCATGCGCCAATCCCTGCCACTACGCCCAGCGGTTCGCGGCGG GTATACACAAAGGACGTTTCACGCAACGGGATCTGGCTGCCTTCCAGCGCCGGGATCAGCCCGGCGTAGTACTCCAGCAC GTCCGCACCGGTAACGATATCGACGGTTGAGGTTTCCGAATATGCTTTTCCGGTGTCGAGGGTTTCCAGTTTTGCGAGTT TTTTGCCCCTGCTGGGCGCTTTTCACGGCGCGATCGACATCCTCGCGCCCGGCGGCCTGCACGGTCGCCAGCACGTTACC GTTGGCCGGGTTAATGGTCTCGAAGGTGCGACCGCTGGTGGCGGAGGTATAACCACCATGTATATAAAGCTGCTGTTCTG TTCATCGAAGTTTCCGCCAACAATCGCCTGTAATCGCTGCTCTGCACTGCCCTGCGGAAGTGCATGTAATCGATTCAAAA TGTGGCGTCGATCAGTTGTCTGCGCCGGATCGACTGCATCCCCAATTTGGGCATTTTCGCCACTCCATTCATCAGCGGTG TTTATCTATTAAAGCGGTTATTGATTGGACGTTCAATATAAAATGTGTCTTAATTGTTACGAATTTGATTTTAAATAGTA  $\tt CTGGACTGGGTTTCTAAAACCTTCGGTTGGTACTATCTGCTGGCGCAACGCTCTATATTTGTCTTTTTGTGGTCTGTATCGC$ TTGTTCGCGTTTTGGTTCGGTGAAGCTCGGGCCAGAACAATCCAAACCGGAATTCAGCCTGCTGAGTTGGGCGGCGATGC TGTTTGCTGCCGGGATCGGTATCGACCTGATGTTCTTCTCCGTAGCCGAACCGGTAACGCAGTATATGCAGCCGCCGGAA GGCGCGGACAGACGATTGAGGCCGCGCGTCAGGCGATGGTCTGGACGCTGTTTCACTACGGCTTAACCGGCTGGTCGAT GTATGCGCTGATGGCGCTCGGATACTTTAGCTATCGTTATAATTTTGCCGCTCACCATCCGCTCGGCGCTGTACC  $\tt CGATCTTCGGTAAACGGATTAACGGGCCGATAGGTCACTCAGTGGATATTGCAGCGGTGATCGGCACTATCTTCGGTATT$ GCCACTACGCTCGGTATCGGTGTGCCAGCTTAACTATGGCTTGAGCGTACTGTTTGATATTCCCGATTCGATGGCGGC GAAAGCGGCACTGATCGCCTTGTCGGTGATAATCGCCACGATCTCTGTCACCTCCGGTGTCGATAAGGGCATTCGCGTGT TATCGGAGCTTAATGTCGCGCTGGCGCTGGGATTGATCCTGTTCGTATTGTTTATGGGCGACACTTCGTTCCTGCTTAAT GCACTGGTGCTGAATGTTGGCGACTATGTGAATCGCTTTATGGGCATGACGCTCAACAGTTTTGCCTTCGACCGTCCGGT GTATCTCGCGTGGGCGTACCATTCGCCAGTTCGTGCTGGGCACGTTGATTATTCCGTTTACCTTCACGCTGTTATGGCTC  ${\tt GCGCGGCTTCTACAGCCTGCTGGCGCAGTATCCGGCGTTTACCTTTAGCGCCTCCGTCGCCACCATTACTGGCCTGCTGT}$ TTTATGTGACCTCGGCGGACTCCGGGGCGCTGGTGCTGGGGAATTTCACCTCGCAGCTTAAAGATATCAACAGCGACGCC  $\tt CCCGGCTGGCTGCTCTTCTGGTCGGTGGCGATTGGCCTGCTGACGCTCGGCATGCTGATGACTAACGGGATATCCGC$ GCTGCAAAACACCACGGTGATTATGGGGCTGCCGTTCAGCTTTGTGATCTTCTTCGTGATGGCGGGGTTGTATAAATCTC TGAAGGTAGAAGATTACCGCCGTGAAAGTGCCAACCGCGATACCGCACCGCGACCGCTGGGGCTTCAGGATCGCCTGAGC TGGAAAAAACGTCTCTCGCGCCTGATGAATTATCCGGGCACGCGTTACACTAAACAGATGATGGAGACGGTCTGTTACCC AGCAGTTGGGTCATCTGGATTTGTTGGTGCATATGGGCGAAGAGCAAAACTTTGTCTATCAGATTTGGCCGCAGCAATAT TCGGTGCCGGGCTTTACCTACCGCGCACGCAGCGGTAAATCGACCTACCGGCTGGAAACCTTCCTGTTAGAAGGCAG  $\tt CCAGGGCAACGACCTGATGGACTACAGCAAAGAGCAGGTGATCACCGATATTCTTGACCAGTACGAGCGGCACCTTAACT$ TTATTCATCTCCATCGTGAAGCGCCGGGCCATAGCGTGATGTTCCCGGACGCGTGATTGTTATTGCATAAAACCGCGCCA TGTCTGCATATGGCGCTGTTTCTCCTACCTCTTGATACGTTATATCTATACGGTTAAGCCCTTAGTATCTATTGATGATT ACCAGACAGATAATAAAAAAGAAAGAACTATTGCAGCCCAAAACCTACATTTGGGCTGTTGCGAATGTTCAATAAG TTTAGTCTTATTTAATGTAAATATTGCTGATCATTTGAAATGACGCATTATTCATGAGAAATGTGTATCGTAAATCAACT ATTGGCATTGCTATAATATTGGTTATCATTTGCTGAATGGATTCAGTCTTAATGAGTGGGTTTTTAAGGGACAGGCATAG AGTAATGATACGTATGCATAACCAACATCTTTACTCATTATGTCATTGAATGTTGACGCTATGTGTTTATGAGGGGAGAGG TATTTTCAGTTGATCTGGATTGTTAAATTCATATAATGCGCCTTTGCTCATGAATGGATGCCAGTATGTAGTGGGAAATT ATAAATATTGAAATAGTCCAACTACTTCTTTATTACCAAAAATGAGTATCTGAATTTTAATATTGCATTCTTGCGTGATT ATCTTCTTGATAGTGATGTGGGATGTTATACGTATGGCATCGCTGATGTTTATGGTTACCCCTTATGTGTGCTCAGGAAT CGACAGGTAATCACTCATACTGAACAGCGATAAAAGATAAAGGTGTGTTCATGAATTCATGTGATTTTCGTGTTTTTTCTG GCAGGGAATGTCTGTAACAGAAATATCACAGTACAGAAATCGCAGTGCAAAGACAATTTCACATCAAAAGAAACAGCTCT  ${\tt ACGGGGAGTAATAGTCACAGATATATTAATGATAATCACTATCACCATATCGTCACGCCTGAAGCCATCAGTCTGGCGTT}$
GGAAAACCACGAATTCAAACCGTGGATCCAACCGGTTTTCTGCGCGCAGACTGGCGTACTGACGGGCTGTGAGGTGCTTG  ${\tt TCCGCTGGGAACATCCACAAACGGGAATTATCCCACCGGATCAGTTTATTCCTCTGGCGGAGTCATCCGGTCTTATTGTC}$ ATAATGACCCGCCAACTGATGAAACAGACTGCGGATATTCTGATGCCGGTAAAACATTTGCTGCCGGACAATTTCCATAT TGGCATCAACGTCTCGGCGGGTTGTTTTTTGGCAGCGGGATTTGAAAAAGAGTGTCTGAACCTGGTTAATAAATTAGGTA AGCCTTCATCAGCACAACATTACCTTTGCGCTGGATGACTTTGGTACGGGTTATGCGACCTATCGTTACTTGCAGGCGTT ATATTGTCGAACTAGCGCGTAAGCCTGGTCTGAGTATCGTGGCGGAAGGGGTAGAAACCCAGGAGCAGGCGGATTTAATG ATCGGTAAAGGCGTTCACTTTTTGCAGGGCTATTTGTACTCTCCGCCAGTACCGGGTAATAAATTTATCTCTGAATGGGT AATGAAAGCAGGTGGTTGATGTAAACCGCTATTCACAGCGCATCGGGAGGTTGGCAGCGATTAATTCTCCCGATGCAGTA AATCCTGATAGATCCCCGTTAATATGCCATTTGGCGCAAATTGTTTTTTAATCCACTGCGTCACCTGACCCGTAGCAGAA TGCTGAGTCGCCAGTAACATGCGCGAATCCTGGCGCGGATTATGGATTTGTCGGGTAACCAGCAGCAGGATTGCGTCATCGC  $\tt CCAGAATTGACTCCTGCCCGTGCAGCAACCAGCCCACTTTTTTATTAATCGTATGCGCGGTGTCCTCCACCATAATATTA$ GGGTAGAGACGCAGTTGGCTTTCGGCGATGGGTTCCGGCACAAAGGCTAACGGGTGATCCGGGGCGATAGCAAAAGCCCA GCGAATCGCGCCAATTTCAGTGTAATCAATACCGCCGCCGTCCAGTAGTGTATCGGGTGCGCCGATGGCGATATTGGCCT GATTATTAATAATCGCATCCCAGACGCCGTTATACACTTCGGTGGTGACGGTAATCTGGCAGGTAGGAAACTGCTTTTTC AGCACCTGTAACAAGCGTGCGGTGTTTTGGGCGTATAAAGCAGCTGATTAATACAAATGCGCACACGCGCTTCTATGCC  $\tt CTGCGAAATAGTATCGATTCTGCGTTTGATGGCATAAAAATCATTCAGCAGGTCGGTAGCTTTGCGGAAAAAATAACGCC$  ${\tt CGGACTCCGTTAACTCAATGCTGCGGGTACTGCGAGTGAACAGCACCACATCCAGCCCCGTCTCCATACGCTTAATGGTG}$ TAGCTAATGGCGGAAGTGGTTAAACCCAACTCTTCTGCGGCTTTACTGAAGCTGCCAAAACGCGCAGCGGTAGTAAATGC  ${\tt CAACAGATTCTCTTCGGTAAAAATTGAGTTCATTAAACCATTCTCGCCATTATCTACTATGAATTTCTCCAGCTATGACTATATGACTATATGACTATATGACTATGACTATATGACTATATGACTATATGACTATGACTATATGACTATATATGACTATATGACTATATGACTATATGACTATATGACTATATGACTATGACTATATGACTATATGACTATATGATATGACTATATGACTATATGACTATATATGACTATATGATATATGACTATATGATATATGATATATGAT$ GTAGAGGTATCGGTTAAAGATAGTCATTTTTGAATAACTTTTAATACCCGTCGCGTTTAGTCGTCGCTTCGCTTAA TTTTTGTCCACCATATTCTGAAATTACCCCCACGCAGTTACCCGCCAGAAAACCCAGTAACGTCACCGTCCAGTTCATCC CGCTGGCAAAAAACAGCGTCATGCCGAGAAAGCCACCGGGAATAAAGGACAGTAACCAGAAACGCCCTTGCCAGACCACT CAGCGCGGCGAAAAACGCCCACACCATCCCGGAATAATTAACCGCCAGACTTCTGATAAAACCCCGATTTACCGCCGCCTGACTAACTGCCAAAGCCCTGCACAAATACCGACGGTGACACCCGTTGCCGTGAGTCCGTTCATCTTGTTCCCCTCTGGTTA GACATGGACGAAAGCTACTCTTACATGTGCAGACTATAGAGAAATAAAACCTGATTGAGTGAAAGGGTATCGGGTCAAAG AAACAAATATTGCACTACCGCACACTGCGAAAAGATTGTTGAATATTATTCAACAAAAAGGCGAGATACGGCGAATTAAA TTTAAGCGGGTTCTTTATCAGATTATCGTTGCTATTCTCAATTCATCGAAAACAGCCACAAAAACCAGGGGAATGTGAA TGAGTATAAAAAATCTACCTGCCGACTATTTATTGGCTGCACAACAGGGTGATATCGATAAAAGTAAAAACCTGCCTTGCG  $\tt CTGGGTGTCGATATTAATACCTGCGATCGTCAGGGGAAAACGGCAATTACGCTGGCAAGTTTATATCAGCAATATGCTTG$  ${\tt CGTTCAGGCATTAATTGATGCCGGAGCGGATATTAATAAGCAAGATCATACCTGTTTAAATCCTTTTTTAATTAGCTGTC}$ TGAACGATGATTTAACGCTACTACGAATTATTTTACCGGCTAAACCCGATCTTAATTGCGTAACCCGTTTTGGCGGTGTC GGCCTGACGCCTGCCTGTGAAAAAGGCCATTTAAGTATTGTAAAAGGCCTTTTGGCGCATACGGAGATTAACGTTAACCA GACCAACCATGTAGGCTGGACGCCGCTACTGGAAGCGATTGTGCTTAATGATGGTGGTATTAAACAGCAGGCGATTGTGC AGTTATTGCTGGAACACGGTGCCAGCCCGCATCTGACCGATAAATATGGCAAAACGCCACTGGAACTGGCGCGCGGAACGG GGCTTTGAAGAGATTGCGCAGTTACTGATTGCCGCAGGTGCATAAACCGGGAGGCTTGCTATCAACACCACAGAAAGACG GTGTGTGTGGGCGCTAACTGCGGATGCGGATTTTCTGGCGCAGCGGGGGCAAGGACAGGTTGAACAGGTCTTTGCCAGAG  ${\tt CGGTAAATATCGCACTCCCGGCTCGCCAGCAGTTGCTGACGCTGCTTTGTGAAGAGTACGACAATGCGCCAAACAGTTGT}$  $\tt CGGTTGGCACTCACTTGATGATCTGTTCCGGCATGGTGATAAGGTTCAGTTTGACGATCAAGGTATTACGGTTGG$ TCAACATCTTCATATAGAGATGAGTCGTTGTCGGCGTTGGCTGTCCCCAACCTTGCAAATGACCGCTGTGAATTTTCACC TTATCGCCTGGCTACAGTGGCACGACATTATTCATCAGCACCTGGGGGAAAATGAAACCCTGTTTAATTATCGCGGCGAT AATCCGTTTTATCAGGCGTTAAATAAAGAATTACATATTAAACGACGGCCGTTATTCAGGCCGTAAACGATAAACAAAA TATCGCCTCAGCGGTCGCCAGTATGATGGGGTTAGGGATTGGCCTTACGCCATCAGCCGACGATTATTTAACAGGTCTGG AATACCACATTATTAAGTGCCATAACGCTGGAAGCCGCATTACAACACGCTGCCGGGAAAATATTCATCGTTTTATTCA ACATGCTGTATGGCATGGCCGATGGTTGTGCGCTGAGCCAAACCTACGGAGGGAATTATGTCAGTTAAAATAGTCATTAA ACCGAATACCTATTTTGATTCTGTCTCGCTGATGTCTATCTCCACGCGTGCAAATAAACTCGACGGCGTCGAGCAGGCAT TTGTGGCGATGGCGACCGAAATGAATAAAGGCGTGCTGAAGAATTTAGGACTGCTGACGCCGGAGCTGGAGCAGGCGAAA  ${\tt AACGGCGACCTGATGATGTCATCAATGGTAAATCGGGTGCGGACAACGAGCAGTTACTGGTGGAGATTGAAGAACTGTT}$ CAACACCAAAGCGCAAAGCGGCTCGCACGAGGCGCGTTACGCCACTATTGGCAGCGCCAAAAAAGCATATCCCGGAAAGTA ACCTGGCGGTGATTTCGGTCAACGGTCTGTTTGCCGCTCGCGAAGCGCTCAGGCGCTGCAAAACGATCTCAACGTGATG GCCAGACTGTGGCACGGCGATTATCAACGGCGCGCGCTCTGTTTTGGTAACGCCGTGCGTCGCGGCAACATCGGTATTG GCAAGCCGGTGGTCGTCTCCTCGATCGTGGCGAAACGCCAGTGGATGAGCAGGGGCTACAGTTTGCCCGCGGCACC AAAGAGCCAGCCTAAAAGCGGTGATGCTCTCCGGCCTGAAACAGGAAAATCTCGACCTGCATACGCTTAACCAGCCGTT GATTGCGGATGTGCGCGCGTCTGCAACCGCAGCAGAATACATTCGTGGCCTGTTCTGCGGCGGCACGCTGTGCGACG AAACCATGTTCGCGGTGATGGAAAAACATGGCGATGTCTACAGCAACATTCAGCCCGATCCGGAATTCCGCCTGAAAGAT ATCAACCGCAGCATCAAACACCCTTCCTCGACTTTGGCGATGACGACTTCACCAATGGCAAGCCGCACCCGATGATTGA  $\tt CCCCACCAACCGCATCAGTCGCTTGATCGAAGAGGCGCGCGATCCAGAAGTGGCGGTGATCGTGATGGATTTTTGTGCTCG$ GATTTGGATCGCATGAAGATCCGGTCGGCTCCACCATCGAGACGATCAAAGAAGCGAAAGCGATCGCCGCTGCCGAAGGA TGATGCCGGAGTGATTCTGGCGAGCAGCAGCACCAATACCGGATTGCTGGCGCGTGAATTTATCTGCAAAGGGGAGGAAG  $\tt CCTGATGAGCCAGTCACTGTTTAGCCAACCATTGAACGTTATTAACGTCGGCATCGCCATGTTTAGCGATGACCTGAAAA$ AGCAGCATGTAGAAGTGACTCAACTCGACTGGACGCCGCCGGGGCAATATGCAGGTGGTGCAGGCGCTGGATAAC ATTGCCGATTCGCCGCTGGCGGACAAAATCGCCGCCGCTAACCAGCAGCGCGCTGGAGCGTATTATCCAGTCGCATCCGGT GCTGATTGGTTTTGATCAGGCGATTAACGTGGTGCCGGGCATGACGCCGAAAACCATTCTTCACGCCGGGCCGCCGATCA GAGGCGGCTGAACTGGCGGCTTCCGGGGAGATCACCTTCTCGCCGTGTCACGAGCACGACTGCGTGGGATCGATGGCGGG AGATGCCGAAGATTTTGCGTATGGCCCTAACGACCAGAGCGTGATTGACCGCCTGAACTGGATGCGTGATGTGCAGGGA  ${\tt CCAATACTGCGCGACGCGATGAAAATTATCGGCGAAATCGATCTGCGCTTAATGCTGGCGCAGGCGCTGCATATGGGCGAAATCGATCTGCGCTTAATGCTGCGCGCAGGCGCTGCATATGGGCGAAATCGATCTGCGCTTAATGCTGCGCGCAGGCGCTGCATATGGGCCGAAATCGATCTGCGCTTAATGCTGCGCGCAGGCGCTGCATATGGGCCGAAATCGATCTGCGCTTAATGCTGCGCGCAGGCGCTGCATATGGGCCGAAATCGATCTGCGCTTAATGCTGCGCGCAGGCGCTGCATATGGGCCGAAATCGATCTGCGCTTAATGCTGCGCGCAGGCGCTGCATATGGGCCGAAATCGATCTGCGCTTAATGCTGCCGCAGGCGCTGCATATGGGCCGAAATCGATCTGCCGCTTAATGCTGCCGCAGGCGCTGCATATGGGCCGAAATCGATCTGCATCTGATCTGATCTGATCATCTGATCTGATCATCTGATCATCTGATCATCTGATCATCTGATCATCTGATCATCTG$ TGAGTGCCATAACCGCAATAACGCCGGGACGACACTGCTGATTCAGGCGCTGACGCCGGGGATTATTCAGGCGGGTTATT AAAGCGGCGATGGATGCGCCATGGCATCGAATACAGCACCGTGGTCACCACCATGGCGCGTAACGGCGTCGAGTTCGG AGCCGGAAGATTCGGGGCTGGATATCGGCGACAGCGCCATCACCGAAACCTACGGTATTGGCGGATTTGCTATGGCGACC  $\tt GCGCCCGCTATCGTCGCGCTGGTGGGCGCACGGTGGAAGAAGCTATTGATTTCTCCCGTCAGATGCGCGAAATCACCCT$ CGGTGAAAACCCCAACGTCACCATTCCGCTGCTCGGTTTTATGGGCGTGCCGTCGGCAATCGACATCACCCGCGTGGGTA GCAGCGGCATTCTGCCGGTGATCAACACCGCCATCGCCCATAAAGATGCGGGCGTCGGCATGATTGGCGCGGGCATTGTG GATGCGGCGTGAACGCCTTATCCGGCCTACGAATGGCGCAAGAATCTGTAGGCCTGATAAGCGTAGCGCATCAGGCATTT GTCACCATTGCCGGATGCGGCGTGAACGCCTTATCCGGCCTACGAATGGCGCAAGAATCTGTAGGCCTGATAAGCGTAGC GCATCAGGCATTTGCCACCACTGCCGGATGCGGCGTGGACGCCTTATCCGGCCTACGAGTGGCGCGAGAATCTGTAGGCC
TGATAAGCGTAGCGCATCAGGCATTTGTCACCATTGCCGGATGCGGCGTGAACGCCTTATCCGGCCTACGAGTGGCGCGA GAATTGTAGGCCTGATAAGCGTAGCGCATCAGGCAGTCTGGCGTTGGTCATAACCCCATCACCCTCTGTAGCGGACATAA GAACTGTGTGGCAGATACGCAGGGCGCATCGGCTATCTGATCCAACAGGCGCTGAATAACCGGCTGGCGCGTCACGGCG AGAAGAAGCCGTCACCGTGGTGACTCAGGTGGAAGTGGATAAAAACGATCCAGGTTTTGCCCATCCCACCAAGCCCATCGGCGCATTCTTTAGTGACAGCCAGCGTGACGAATTACAAAAGGCAAACCCTGACTGGTGTTTTGTTGAAGATGCCGGGCG GGGCTATCGCCGCGTGGTCGCCTCGCCGGAACCGAAACGTATTGTCGAAGCACCTGCCATTAAAGCGCTGATCCAACAAG GTTTTGTCGTAATTGGCGCGGCGGCGGCGGTGGAATTCCGGTAGTGCGTACTGACGCGGGAGATTACCAAAGCGTGGACGCG GTTATCGACAAAGATCTCTCTACCGCGCTGCTGGCCCGTGAAATTCACGCCGACATTCTTGTGATCACCACTGGCGTCGA AAAAGTGTGTATTCACTTTGGCAAACCGCAGCAGCAGCGCGCTCGATCGGGTGGATATTGCCACCATGACCCGCTATATGC AGGAAGGCATTTCCCGCCCGCAGCATGTTGCCAAAAATCATCGCCAGCCTGACATTTTTAGAACAAGGCGGCAAAGAA GTGATTATCACCACGCCGGAATGCCTGCGGGCGCTGCGGCGCGAAACGGGCACTCATATTATTAAAAACGTAAGGACG TAAGATGAAAGAAAGCAATAGCCGCCGTGAATTTCTGAGCCAGAGCGGTAAGATGGTCACCGCCGCCGCCGCTGTTTGGTA ATGACGCTGGCGGTAAGCTGATGCTGCCCACCACCGCGACATGCATATTCATCTCGACAAAACCTTTTACGGCGGGCCG TGGCGCTCGCTCAATCGTCCGGCAGGCACCACCATCCAGGACATGATCAAACTCGAGCAGAAAATGCTGCCGGAACTGCA ATATCGAACCGGTTTCCGGCCTGAAAAATCTGCAAAATTTGCAGGCGGTGCTGGCGCGACGTCAGGCGGGCTTTGAGTGT GAAATCGTCGCCTTCCCGCAGCACGGTTTGCTGCTGTCGAAATCTGAACCTTTAATGCGTGAAGCGATGCAGGCGGGGGG GCATTACGTCGGCGGCCTGGACCCGACCAGTGTTGATGGCGCGATGGAAAAATCCCTCGACACCATGTTCCAGATTGCGC TGGACTACGACAAAGGCGTCGATATTCACCTGCACGAAACCACTCCGGCAGGCGTGGCAGCCATCAATTATATGGTTGAA GGTAGATGAACTGGCGAACCGGATGGTGCAACAAATTTCTATCGCCTCGACGGTGCCGATTGGCACGCTGCATATGC CGCTCAAACAGTTGCACGACAAAGGCGTAAAAGTGATGACTGGCACTGACAGCGTTATCGACCACTGGTCGCCTTATGGT GTTTTTAGCCACTGGCGATGTATTGCCGCTGAATGAAAAAGGCGAGCGTGTATGGCCAAAAGCGCAGGATGACGCCAGCT TTGTGCTGGTGGACGCCTCCTGTTCCGCCGAGGCGGTGGCGCGTATCTCGCCGAGAACCGCAACGTTCCATAAAGGGCAA AGTGGGGCAATCTGAATATGAGTGTCGGCAGAAATGGACATTATCTTTGAGGAATATGCCCTTATTGACGTTGTGTAG ATAACTATTTGTCTACGTGAAAAGATCATCAGTTTTGCCGATTTTAGTCTTTTACAGATAGCAAATATCACACTTACAGG  $\tt CGCTCGCCTTATGGGGAACGTTGCTCTGTTTCATTCAGGCTCGCGGCATGTTGGGGCTGGATCGGGTGGTTTAAATA$  TTGGCTATATTCAATGGACGCGTTTTGCCGCGATGACATATCAGGCGTTGCCAAATACACATAGCTAATCAGGAGTAAAC ACAATGAAGATCAAAGCTGTTGGTGCATATTCCGCTAAACAACCACTTGAACCGATGGATATCACCCGGCGTGAACCGGG  ${\tt ACCGAATGATGTCAAAATCGCATACTGTGGCGTTTGCCATTCCGATCTCCACCAGGTCCGTTCCGAGTGGGCGG}$ GGACGGTTTACCCCTGCGTGCCGGGTCATGAAATTGTGGGGCCGTGTGGTAGCCGTTGGTGATCAGGTAGAAAAATATGCG CTGTGATCACATGACCGGCACCTATAACTCGCCGACGCCGGACGACGCCATACTCTGGGCGGCTACTCACAACAGA GGGATCACCACGTATTCGCCGCTACGTCACTGGCAGGCCGGGCCGGGTAAAAAAGTGGGCGTGGTCGGCATCGGCGGTCT GGGACATATGGGGATTAAGCTGGCCCACGCGATGGGGGCACATGTGGTGGCATTTACCACTTCTGAGGCAAAACGCGAAG TTCATTTTGAATACAGTAGCTGCGCCACATAATCTCGACGATTTTACCACCTTGCTGAAGCGTGATGGCACCATGACGCT GGTTGGTGCGCCTGCGACACCGCATAAATCGCCGGAAGTTTTCAACCTGATCATGAAACGCCGTGCGATAGCCGGTTCTA TGATTGGCGGCATTCCAGAAACTCAGGAGATGCTCGATTTTTGCGCCGAACATGGCATCGTGGCTGATATAGAGATGATT  $\tt CGGGCCGATCAAATTAATGAAGCCTATGAGCGAATGCTGCGCGGTGATGTGAAATATCGTTTTGTTATCGATAATCGCAC$ ACTAACAGACTGAAAAAATTAATAAATACCCTGTGGTTTAACATATTAACTTCGCTCTCCACTTAACTTTTAGTTAAGG AGAGCGAAATAATATCAAAGTAGCAGTAAAACCTATAACGTAAATTTAAATTGTTAAATTAACGCCCTCCAGTACACAAT TTAAGAGAGATCGCGATGATATCATTAAAAGCTCCGCACAATAATTTGATGCCATATACGCAACAAAGCATACTTAATAC GGTTAAAAACAATCAGTTACCAGAGGATATCAAAAGCTCCCTGGTTTCCTGTGTCGATATATTCAAGGTTTTGATTAAAC TTACCCTGATCACCCGGTTAAGTTTGTTTTTCACATACTTGAAAAATCAAAAAGGGACAGTTTGGGTATATGACCAGGATG ATGCGTTTCTTGATATTAAAGCAAACGTGCAGGCTGGACGCTTTACCGGGCTTAAGAAATTAGTGCAGTTTATCGATTCA GTGCGAACAGATTGCAAATGTATTCTTCTTGAATACCATATGCCTTTGCTGAGAATTTTCCCTAAAGGGAAAGAGTGTAT TATTACACTTAAAAAATATCTACCCTGTTTTTCCTGAATCACTGGTGATGTTATTGCTCTCTGTTCTGGACGTAAAA ACATACAGAGATGATGCGCGATTAAATGAATGGATATCTAATAGAGTGCAGGAATTAGGTGACAGATATTATCCTGTAAA TAAGCACGTTAAAATCCGCTACACTCTTTAGTTCAGAAAGGGTTCCACCTGCAAGTTGTTATTCCACCTGAGAGTGAATC GCAATGCAGGTAATCATTTCATCTGTATATCTGTATGCCAACTGGCATTCCATCTCTTTTTTCGCCGATATTTTGTTGTG ATCGGCGACACTTCGCTTAAAAAAGCACCAGTAGTGGTTTCGCAGCCATGCGGTGTATAAAAAATGATCTCATGCAGATG TTTTGTGAATGTGTTGGCTTGACATTCATATGAAAAAATCATAATTCCATCATGTTTTGTGTGGGGGTCTTTTCTGTATCTT ACGCATCGCACTCAAGCCTGACAGAAAATATGCTGTAAGGCTCATATCAAAAACCGCCATTAGCTCATCAGGAAGAGCAG TCCCCTTATTATCATCCCTGCAAAGTGGAACATTGCCATTGTTTGGCTATTCAGGATGGGGCAGACCAATGAAAAAAGCC CACACAGGGGAGAGTGGGCTGAAATGGGAAGCTAAAGACTCAAGTAAACTTATCGGAAATAAGGACCACGCATTACGGGG GCTATCATCGCCGATGGCCGTGATTCGGCAAATCAGGTTGATTACGTAGAGAGTAAATTATCTGCTCACCGCTGCGTCAC CCCTTCGTAAATCAGGCGTAGCGCGAATACACCAATAATTGCACCAATAACCCGACTGGCAACGCGTTGCATACGCCCAT  ${\tt AAGCACGACGCGCGGCCAAAGAAAACGCCTGACTAAGAAAAACTCGCCAGATAATTGATGCGAGCACAATCCCCGCC}$ TTTGCGGTGTTGACTGCCGCGCATGCTGCACCACACCATAAGAGATAAGCGCCGCCGACGATTCTGATAAGCGAA AAAATCTCCTCACACTGCGTAATTAGCGTTGCAAGACCAAACAACCCAACCCGGAATAAAATGCATCGCCCAGCGCCAC GCCCAGCCCGGTCAGCACCCCTGCGCGTCGACCGGAAGCCAGGCTGGTTTGTACTACCACAAAGAGATTGGCTCCCGGAT AATATGAAAATAATCTCTAAAATGTTAGTCGGTGCGTTAGCGTTAGCCGTTACCAATGTCTATGCCGCTGAATTGATGAC CAAAGCGGAATTTGAAAAAGTTGAATCGCAGTATGAAAAAATAGGTGATATTTCAACCAGCAATGAAATGTCGACTGCAG ATGCAAAAGAAGATTTGATCAAAAAAGCGGATGAAAAAGGGGCTGATGTTGTTGGTACCTCCGGTCAAACTGACAAT AAGATCCACGGCACGCAAATATTTATAAGAAGAAGTAATTCTGAATCCTATGTAAACATCTCCGATGCGTAAGTTTATC GGTGATCATCTATTGAAATTTATGCCGGATAAAGCGTTCGCGCTGCATTCGGCAGTTCAGCTTTTCAGCCGCCGCCAGAA  $\tt CGTCGTCCGGCTGATGCCTAAATAATTCGCCGCTGCTGTTTTATCGCCATTAAATTTCTCCAGTGCCTGTTGTGGTGTCAGTGTGTCAGTGTCAGTGTCAGTGTCAGTGTCAGTGTCAGTGTTGTCAGTGTCAGTGTTGTCAGTGTGTCAGTGTGTTGTGTCAGTGTTGTTGTCAG$ GTAAGCGTGGAGCGGGAGTTTTCGCCGACTCGCGCCCAGTTCCGGCAGTAGCAGTTGCATAAACTGCGGCGTTAAATCC GGCGTCGGTTCCACACTTAAAAACCGCCCAGTCGTTCCATCATATTGCGCAGTTCACGAATATTGCCTGGCCAGTCGTA GTGCAGCAGCACAGTTTCACTTGCCTGTAACCCCTGGCGTAATGCAGCAGAAAATGGGGCGGAGAGCCCCCCCAGAGACA CTTTCAAAAAGCTTTCCGCCAGCGGAAGAATATCCGCCACCGCTCGCGCAGTGGTGGCAAATTGCAGACGCAAAATACTC TACATCTACCGGAACAGGCTGATGCCCGCCGACGCGGTGACCTCTTTTTCTTCCAGCACCCGCAGCAGCCGGGTCTGCA  $\tt CGTCGCGAGCCGGTAAACGCCCCTTCCTCATAGCCAAACAGTTCTGCTTCCAGCAGCGATTCGGCAATCGCCCCGCAGTTCGCCCGCAGTTCGCCCGGCAGTTCGGCAGCGGAGCGGATTCGGCCAGTTCGGCAGCGGAGTTCGGCCCGGCAGTTCGGCAGCGAGTTCGGCCAGGTTCGGCAGTTCGGCAGCGAGTTCGGCCAGGTTCGGCAGTTCGG$ GACGGCAACAAACGGATGCGACTTTTTGCCCTGTCGCGCATCGTGGCGGCAAAATATTCCCGATGAATCGCCTGGGCCG  ${\tt CCAGCTCTTTGCCCGTTCCCCGTCAATCAACACCGCCGCACTGGAGCGGCATACAGCAAAATAGTCTGCCGT}$ AGTGTTATGGCGTAACGACATGCGCGTCATATCCAGCGCATCGCTGAACGCCTGGCCGCACGGTGGCGGCGGAATAGATAA AAATTCCGGTCATTCCGGCTTCTTCTGCCAAATCGGTAATCAGCCCTGCGCCGACCACCGCTTCGGTGCCGTTAGCTTTT
AGCTCGTTAATCTGCCCGCGTGCGTCTTCCTCGGTAATGTAGCTACGTTGGTCGAGGCGCAAATTAAAGGTTTTTTGAAA GCCGCGATGATGGCGTCACAGCGTTCGTTTGCCAGTTTCTTGCGGATGTAGGTCACTGCTTTTTCAAAGCCAAGCTGAAT AGGGGTAATGTTCGCCAGGTGATCAAACTCGAGGCTGATATCGCGAAACAGCTCGAACAGGCGCGTTACAGATACCGTCC  ${\tt AGATAACCGGTTTGTCGTCATTAAGCCGTGGTGGATGTGCCATAGCGCACCGCAAAGTTAAGAAACCGAATATTGGGTTT}$ AGTCTTGTTTCATAATTGTTGCAATGAAACGCGGTGAAACATTGCCTGAAACGTTAACTGAAACGCATATTTGCGGATTA GTTCATGACTTTATCTCTAACAAATTGAAATTAAACATTTAATTTATTAAGGCAATTGTGGCACCCCCTTGCTTTGTC TTTATCAACGCAAATAACAAGTTGATAACAAAGGATGGGCTATGTCTCTACACTCTCCAGGTAAAGCGTTTCGCGCTGCA GGCAATTTATCTTTCTGGCGGTGGCGTGGCGGCAGGTTCGCTGGGGCTGCCCGATCTCGGTATTTCTACCCTTGATGATG TGCTGACCGACATTCGCCGTATCACCGACGTTTGTTCGCTGCCGCTGCTGGTGGATGCGGATATCGGTTTTTGGTTCTTCG GCCTTTAACGTGGCGCCCCCTGAAATCGATGATTAAAGCCGGTGCGGCAGGATTGCATATTGAAGATCAGGTTGGTGC GAAACGCTGCGGTCATCGTCCGAATAAAGCGATCGTCTCGAAAGAAGAGATGGTGGATCGGATCCGCCGCGGCGGTGGATG  ${\tt GCGCAGGCCTATGTTGAAGCGGGTGCCGAGATGTTGTTCCCGGAGGCGATTACCGAACTCGCCATGTACCGCCAGTTTGC}$ GCGCCCATGTCGCAATGGCGCTGTACCCACTTTCAGCGTTCCGCGCCATGAACCGCGCCGCTGAACATGTCTACAACGTC  $\tt CCAGTACGAAGAGCTCGACAACCTGTTTGCCCGTAGCCAGGTGAAATAAAAAACGCCCGTTGATTGTATTCGACAGC$  ${\tt CGATGCCTGATGCGTCGCTGACGCGACTTATCAGGCCTACGAGGTGCACTGAACTGTAGGTCGGATAAGACGGATGGCGT}$ AGACGCATAGCGTCGCATCCGACAACCGATGCCTGATGCGCCGCTGACGCGACTTATCAGGCCTACGGGGTGCACTGAAC TGTAGGTCGGATAAGACGCATAGCGTCGCATCCGACAACCGATGCCTGATGCGCCGCTGACGCGACTTATCAGGCCTACG GGGTGAACTGAACTGTAGGTCGGATAAGACGCATAGCGTCGCATCCGACAACAATCTCGACCCTACAAATGATAACAATG  ${\tt ACGAGGACAACATGAGCGACACCATCCTGCAAAACAGTACCCATGTCATTAAACCGAAAAAATCTGTGGCACTTTCT}$ GGCGTTCCGGCGGCCATACGGCGCTCTGCACCGTGGGTAAAAGTGGCAATGACCTGCATTACCGCGGCTACGATATTCT TGATCTGGCGAAACATTGCGAATTTGAAGAAGTGGCGCATCTGCTGATCCACGGCAAACTGCCGACCCGTGACGAACTCG TCGCACCCGATGGATGTTATGCGCACCGGTGTTTCCGCGCTCGGCTGCACGCTGCCAGAAAAAGAGGGGCATACCGTCTC TGGCGCGGGGATATTGCCGACAAACTGCTGGCGTCGCTTAGCTCGATTCTCCTTTATTGGTATCACTACAGCCACAACG GCGAACGCATCCAACCGGAAACCGATGACGACTCCATCGGCGGTCACTTCCTGCATCTGCTGCACGGCGAAAAGCCATCG GGTGATTGCGGGCACCGGCTCTGATATGTATTCCGCGATTATTGGCGCGATTGGCGCACTGCGCGGGCCAAAACACGGCG GGGCGAATGAAGTGTCGCTGGAGATCCAGCAACGCTACGAAACGCCGGACGAAGCCGAAGCAGATATCCGCAAGCGCGTG GAAAACAAAGAAGTGGTCATTGGTTTTTGGTCATCCGGTTTACACCATCGCTGACCCGCGCCACCAGGTGATTAAACGTGT GGCGAAGCAGCTCTCGCAGGAAGGCGGCTCGCTGAAGATGTACAACATCGCCGATCGCCTGGAAACGGTGATGTGGGAGA GCAAAAAGATGTTCCCCAATCTCGACTGGTTCTCTGCTGTTTCCTACAACATGATGGGCGTTCCCACCGAGATGTTCACA TTCCGCCAATTATGTTGGACCGGAAGACCGCCCGTTTGTCGCGCTGGATAAGCGCCAGTAAACCTCTACGAATAACAATA  ${\tt AGGAAACGTACCCAATGTCAGCTCAAATCAACACATCCGCCCGGAATTTGATCGTGAAATCGTTGATATCGTCGATTAC}$ GGAAGCTCTCGAATACCCGGCCTGTAAAAAACTGCTGGGGCCAATTGTTCCCGGCACCGTCGTACCCAACGGCGTGCGCG TCCCCGGAACTCAGTTCCAGCTCGACCCCGTCCAGGCGGCATTTAACATCGGCGCGATGATCCGCTGGCTCGATTTCAAC GATACCTGGCTGGCGGCGGAGTGGGGCCATCCTTCCGACAACCTCGGCGGCATTCTGGCAACGGCGGACTGGCTTTCGCG  $\tt CAACGCGGTCGCCAGCGGCAAAGCGCCGTTGACCATGAAACAGGTGCTGACCGCAATGATCAAAGCCCATGAAATTCAGGCCATGAAATTCAGAAT$ GCTGCATCGCGCTGGAAAACTCCTTTAACCGCGTCGGCCTCGACCACGTTCTGTTAGTGAAAGTGGCTTCCACCGCCGTG CACCTATCGCCATGCGCCGAACACCGGCACGCGTAAATCCTGGGCGGCGGGGCGATGCCACTTCCCGCGCGGGTACGTCTGG  $\tt CACTGATGGCGAAAACGGGCGAAATGGGTTACCCGTCAGCCCTGACTGCGCCGGTGTGGGGGCTTCTACGACGTCTCCTTT$  $\tt AAAGGTGAATCGTTCCGCTTCCAGCGCCCGTACGGTTCCTACGTTATGGAAAATGTGCTGTTCAAAATCTCCTTCCCGGC$ ATATCGAAAAAGTGACCATTCGCACCCACGAAGCCTGTATTCGCATCATCGACAAAAAAGGGCCGCTCAATAACCCGGCA GACCGCGATCACTGCATTCAGTACATGGTGGCGATCCCGCTGCTATTCGGGCGCTTAACGGCGCAGATTACGAGGACAA CGTTGCGCAAGATAAACGCATTGACGCCCTGCGCGAGAAGATCAATTGCTTTGAAGATCCGGCATTTACCGCTGACTACC ACGACCCGGAAAAACGCGCCATCGCCAATGCCATTACCCTTGAGTTCACCGACGGCACACGATTTGAAGAAGTGGTGGTG AGTATCTCGACCTGTACGTCATTTAAGTAAACGGCGGTAAGGCGTAAGTTCAACAGGAGAGCATTATGTCTTTTAGCGAA TTTTATCAGCGTTCGATTAACGAACCGGAGCAGTTCTGGGCCGAGCAGGCCCGGCGTATTGACTGGCAGACGCCCTTTAC GCAAACGCTCGATCACAGCAATCCGCCGTTTGCCCGTTGGTTTTGTGAAGGCCGAACCAACTTGTGCCACAACGCCATCG ACCGCTGGCTGGAGAAACAGCCAGAGGCGCTGGCGCTGATTGCCGTCTCTTCGGAAACAGAAGAAGAGACCTTTACC TTGGTGGATTTGCCTCGCACAGCGTGGCGGCGCGAATTGATGACGCTAAACCGGTGCTGATTGTCTCGGCTGATGCCGGA AGCGGCCAGCGTGTTCTTTTGCGCATCGGATATCGGCTGGGTGGTGGGGCATTCGTATATCGTTTACGCGCCGCTGCTGG  ${\tt CGGGGATGGCGACTATCGTTTACGAAGGATTGCCGACCTGGCCGGACTGCGGCGTGTGGTGGACAATCGTCGAGAAATAT}$  $\tt CAGGTTAGCCGGATGTTCTCAGCGCCGACCGCCATTCGCGTGCTGAAAAAATTCCCTACCGCTGAAATTCGCAAACACGA$ TCTCTCGTCGCTGGAAGTGCTCTATCTGGCTGGAGAACCGCTGGACGACCGCCAGTTGGGTGAGCAATACGCTGG ATGTGCCGGTCATCGACAACTACTGGCAGACCGAATCCGGCTGGCCGATTATGGCGATTGCTCGCGGTCTGGACGACAGG  ${\tt CCGACGCGTCTGGGAAGCCCCGGTGTGCCGATGTATGGCTATAACGTGCAGTTGCTTAATGAAGTCACCGGCGAACCGTG}$ GGTTATCACTTTATTCTCGGGCGCACTGACGATGTAATTAACGTTGCCGGGCATCGGCTGGGGACGCGCGAGATTGAAGA GAGTATCTCCAGCCATCCGGGCGTTGCCGAAGTGGCGGTGGTTGGGGTGAAAGATGCGCTGAAAGGGCAGGTGGCGGTGG CGTTTGTCATTCCGAAAGAGAGCGACAGTCTGGAAGATCGTGATGTGGCGCACTCGCAAGAGAAGGCGATTATGGCGCTG GTGGACAGCCAGATTGGCAACTTTGGCCGCCCGGCGCACGTCTGGTTTGTCTCGCAATTGCCAAAAACGCGATCCGGAAA ACCTTTTTGCACTCATTCATATAAAAAATATATTTCCCCACGAAAACGATTGCTTTTTATCTTCAGATGAATAGAATGCG GCGGATTTTTTGGGTTTCAAACAGCAAAAAGGGGGAATTTCGTGTCGCAAGATAACAACTTTAGCCAGGGGCCAGTCCCG  ${\tt CGGCACTCTCGGAACCGGTCTTAGCTATCATGATTTCTTCCTCGCAGTTCTCATCGGTAATCTTCTCCTCGGTATTTACA}$ TGTGGGGTCATTTATCAGTGCGGGTACGCTCACCGCTGACTTTGTCCGGTTTGGTCGCAATGCCAAACTGGCGGTGCTGG TGGCGATGGTGGCCTTTTTCCTCGGCAACTCGTTGATGTTTATTTTCGGTGCAGCGGGCGCTGCGGCACTGGGCATGGCG CGATAACGCACTCTATGCGTCGGGTTTAGGTTTCGCCAACATTACCGGGATGTCGAGCAAAACCCTTTCGGTAATCAACG  ${\tt CCAGTGGGTGGCGTGATCATCGCCGACTATCTGATGAACCGTCGCCGCTATGAGCACTTTGCGACCACGCGTATGATGAG}$ TGTCAATTGGGTGGCGATTCTGGCGGTCGCCTTGGGGATTGCTGCAGGCCACTGGTTACCGGGAATTGTTCCGGTCAACG CGGTATTAGGTGGCGCGCTGAGCTATCTGATCCTTAACCCGATTTTGAATCGTAAAACGACAGCAGCAGTGACGCATGTG GAGGCTAACAGTGTCGAATAACGCTTTACAAACAATTATTAACGCCCGGTTACCAGGCGAAGAGGGGCTGTGGCAGATTC ATCTGCAGGACGGAAAAATCAGCGCCATTGATGCGCAATCCGGCGTGATGCCCATAACTGAAAAACAGCCTGGATGCCGAA GCGCATGGCAAACGCTGAAATGGCAGATTGCCAACGGCATTCAGCATGTGCGTACCCATGTCGATGTTTCGGATGCAACG  $\tt CTAACTGCGCTGAAAGCAATGCTGGAAGTGAAGCAGGAAGTCGCGCCGTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGGCGCTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGGCGCTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGGCGCTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGGCGCTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGGCGCTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGATCGCGCTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGATCGCGCTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGATCGTCGCAAGTCGCGCTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGATCGCGCTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGATCGCAAGTCGCGCTGGATTGATCTGCAAATCGTCGCCTTCCCTCAAGTGATCGCAAGTCAAGTCGCAAGTCAAGTCAAGTCGCAAGTCAA$ GGAAGGGATTTTGTCGTATCCCAACGGTGAAGCGTTGCTGGAAGAGGCGTTACGCTTAGGGGCAGATGTAGTGGGGGCGA TTCCGCATTTTGAATTTACCCGTGAATACGGCGTGGAGTCGCTGCATAAAACCTTCGCCCTGGCGCAAAAATACGACCGT
AGGCATGGGCGCGCGGTCACCGCCACCCCCCCCCCCCCTATAACCGGGCCTATACCTCACGCCTGTTCC GCTTGCTGAAAATGTCCGGTATTAACTTTGTCGCCAACCCGCTGGTCAATATTCATCTGCAAGGACGTTTCGATACGTAT  $\tt CCAAAACGTCGCGGCATCACGCGCGTTAAAGAGATGCTGGAGTCCGGCATTAACGTCTGCTTTGGTCACGATGATGTCTT$ TTCGGTACGTGGCGGCAAGGTGATTGCCAGCACACCGCCACAAACCACCGTATATCTGGAGCAGCCAGAAGCCATCG ATTACAAACGTTGAACGACTGGGTTACAGCGAGCTTAGTTTATGCCGGATGCGGCGTGAACGCCTTATCCGGCCTACGTA GAGCACTGAACTCGTAGGCCTGATAAGCGTAGCGCATCAGGCAATTCCAGCCGCTGATCTGTGTCAGCGGCTACCGTGAT TCATTCCCGCCAACACCGCGCATTCCTCCAACGCCATGTGCAAAAATGCCTTCGCAGCGGCTGTCTGCCAGCTGTAGTT TATGCCGGATGCGGCGTGAACGCCTTATCCGGCCTACGTAGAGCACTGAACTCGTAGGCCTGATAAGCGTAGCGCATCAG GCAATTCCAGCCGCAGACCTGTGTCAGCGGCTACCGTGATTCATTTCCGCCAACACCGCGCATTTATCCAACGCCATGT GCAAAAATGCCTTCGCGGCGGCTGTCTGCCAGCTATTTTTCCGCCGCAACAAAACCGCCGTTCTCTCCAGTAGTGGCGGG GCAAGAGAAATAGCTTTAAGCCCGTCATGTTGTGTGGCAATCGCTGCTGGTAACAATGTGGAAAGGGAAGTGCGGCGAAT TTTGCTCTCTGGTGGCAAATTCCGCGCTGAGCAGGACCAGTTTTTCATCATGCAAGCGACTCAACGCCACCTGTTCATGG GCTGGAGCGTGATGCTGGGATAGCGCCCATAGAAATCCGCCATTAAGGGGCCGATAAAGTAGCTCGTAAAGGTGGGGGTG  ${\tt ACGGCGATACGCAGCGATCCTCGCGTCAGATCGGCAACATCATGAATCGCCCGTTTACCCGCCCCCAGTTCCTGTAACGC}$  $\tt CCGGCTGGCGTACTGTCGCCAGACTTCTCCTGCATCAGTGAGACGAATCGTTCGCCCGCTACGGTCAAACAGCGGCACGC$ CTAAACTCTCCTCTAACTGGCGAATCTGCTGGGAAAGCGCAGGTTGGGAGACGTGCAACGCACTGGCGGCACGGGTGAAG GAAAGAGATTATTGATGGATTCCTTAAATTCCAGCGCGAGGCATTTCCGAAGCGGGAAGCCTTGTTTAAACAGCTGGCGA GGCGATCTGTTCGTTATTCGCAACGCGGGCAATATCGTCCCTTCCTACGGGCCGGAACCCGGTGGCGTTTCTGCTTCGGT GGAGTATGCCGTCGCTGCGCTTCGGGTATCTGACATTGTGATTTGTGGTCATTCCAACTGTGGCGCGATGACCGCCATTG GCATCGCAGCTTTTGACGGCGCAACCCGCCAGTTTGTGCCACTGGCCGCTAATCCTCGCGTTTGTGCCATACCGCTACGC CAACCGACCGCAGCGTAACCTTATTTTAAACCATCAGGAGTTCCACCATGATTCAGTCACAAATTAACCGCAATATTCG TCTTGATCTTGCCGATGCCATTTTGCTCAGCAAAGCTAAAAAAGATCTCTCATTTGCCGAGATTGCCGACGGCACCGGTC  $\tt CCCAACGATGTATCGTTTCTATGAAATGTTGCAGGTGTACGGTACAACCCTGAAAGCGTTGGTTCATGAGAAATTTTGGCG$ ATGGCATTATTAGCGCGATTAACTTCAAACTCGACGTTAAGAAAGTGGCGGACCCGGAAGGTGGCGAACGTGCGGTCATC ACCTTAGATGGTAAATATCTGCCGACCAAACCGTTCTGACAGCCATGCGCAACCATCAAAAGACGTTCACGATGCTGCTG GTACTGGTGCTGATTGGTCTTAATATGCGACCACTGCTCACCTCCGTCGGGCCACTGCTACCGCAATTGCGCCAGGCGAG GGCTTCATCAGCATGTCAGCGAACGTCGCAGTGTCGCCATCAGTCTGTTGCTGATTGCCGTCGGTGCATTGATGCGTGAG TTCGGTGATTAAACGGCGGTTTCAGCAGCGCACGCCACTGGTGATGGGGCTGTGGTCCGCGGCTCTGATGGGCGGCGGTG GGCTTGGTGCCGCCATAACGCCCTGGTTAGTTCAACATAGCGAAACCTGGTATCAAACACTCGCCTGGTGGGCGCTGCCT GCCGTTGTTGCGCTCTTTGCCTGGTGGTGGCAAAGCGCCCGCGAGGTCGCCTCTTCCCACAAGACAACAACCACTCCGGT TCGCGTGGTATTCACTCCCCGCGCGTGGACGCTGGGTGTTTACTTCGGTCTGATTAACGGCGGTTACGCCAGCCTGATTG TGGGCGGCGCTTTCCGCTCTGTTTGCTGCTGCCGCTCGATCACTCTGTGCAACCGGCTATTGCTGGCAAGCTGGTGGCG TTTATGCAGGGAATCGGTTTTATCATCGCCGGGCTTGCCCCGTGGTTTTCTGGCGTGCTGCGTAGTATCAGCGGCAATTA  $\tt CCTGATGGACTGGGCATTTCATGCGCTGTGCGTCGTTGGGCTGATGATCATAACCCTGCGTTTTGCACCAGTACGTTTTC$ CGCAGCTGTGGGTCAAAGAGGCATGATGCGACGCTTGTTCCTGCGCTTTTGTTCATGCCGGATGCGGCTAATGTAGATCGC TGAACTTGTAGGCCTGATAAGCGCAGCGTATCAGGCAATTTTTATAATTTAAACTGACGATTCAACTTTATAATCTTTGA AATAATAGTGCTTATCCCGGTCGTTTATTTCGCGAATAACCCGACAAGGAACGCCAGCCGCCACGACGTTTGGTGGAATG TCTTTTGTGACGATACTACCCGCGCCAATAACAGAATTATCCCCGATGGTGACGCCTGGATTAATAACCACATGACTTCC GATCCAGACGTTATTGCCAATCGTTATCGGAAAAGAGTACATCTCGCCGTTTTTTCTCAATTCATGGTGTACAGGGTGTC  $\tt CCGTAACGGAAAGAGTAACGTTGGGTGCAATCAGTACGTTATCACCGATTGTTACCGTTGTGATCATCGACAATGGTTAAA$ TTGAAATTTGCATAAAAATTGCGGCCTATATGGATGTTGGAACCGTAAGAGAAATAGACAGGCGGTTCTACCCAGGCGTT ACATTAACGTTTTCCCACGAAGTCTTTTTTCCGGTAAGCCTTCGCACATATCGGTAAATAGCTTGCCTGCTCTTATTCTT TCGGTCATTGGCATGTTCAATGCGATCACTCCGTTATGATATGTTGGTCGGATAAGGCGCTCGCGCCGCATCCGACATTG ATTGCTTAAGCGACTTCATTCACCTGACGACGCAGCAGGGAAAGCGGGCCGGGGCCGCTAAGCGTGAACACGGAAATTAA CAGACATAAAAATCATCGCCAGTTGCTTAAAGAAGCAGAAACAGACCAGATAAATCGTCGCTGAAAAACGCACTTCAAAC TGGCTGGTAATATTTAAAGCAGCCCACCAGCAGGAACGGTACTTCAAACATATGCAGCGTTTTCAGAATAACCACTTC CGATGCGATTAATGATCAGTGGCGCAAAGAACATAATCGAGGCGTTAAGTAATTCGCCCATTGTCGTTACGTAGCCAAAT GGAAACGCCAATAACATACAGTGACAAAAACCACAGTTTTGGCTGTCTGAACAGTTCCAGTGCCAGCTTAAGGCTAAATG AGGATGAGTGCACAGCCAGAGCCCAGCAGAAAACAAACTGATTATTGATGGTGAACATGATGCCGACAATCGAGGCACA CAGCGCCCAGCCAACACACCCAAACATCCGCGCGCGACCAAATTCGAAATTACTGCGACGGCTGACTTTCTCAATAAATG CCTCTACTGCTGCGCCCCCGCCGTTAAAACAAAAGCCTAGATAAATACCACCAACAATCGATCCTACTAAAATGTTGTAT TGTAACAGTGGCCCGAAGATAAAAATAAAGAACGGCGCAAACATCACTAACATGCCGGTAATAATCCACAGCAGGTATTT GCGCAGCCCGAGTTTGTCAGAAAGCAGACCAAACAGCGGTTGGAATAATAGCGAGAACAGAGAAAATAACCGGCAAAAAATAA TACCCGTATCACTTTTGCTGATATGGTTGATGTCATGTAGCCAAATCGGGAAAAACGGGAAGTAGGCTCCCATGATAAAA AAGTAAAAGAAAAAGAATAAACCGAACATCCAAAAGTTTGTGTTTTTTAAATAGTACATAATGGATTTCCTTACGCGAAA TACGGGCAGACATGGCCTGCCCGGTTATTATTATTTTTGACACCAGACCAACTGGTAATGGTAGCGACCGGCGCTCAGCT GGAATTCCGCCGATACTGACGGGCTCCAGGAGTCGTCGCCACCAATCCCCATATGGAAACCGTCGATATTCAGCCATGTG GTCGCCGCGCCACTGGTGTGGGCCATAATTCAATTCGCGCGTCCCGCAGCGCAGACCGTTTTCGCTCGGGAAGACGTACG  $\operatorname{GGGTATACATGTCTGACAATGGCAGATCCCAGCGGTCAAAACAGGCGGCAGTAAGGCGGTCGGGATAGTTTTCTTGCGGC$  ${\tt CCTAATCCGAGCCAGTTTACCCGCTCTGCTACCTGCGCCAGCTGGCAGTTCAGGCCAATCCGCGCCGGATGCGGTGTATCCGCGCCAGTTACCTGCGCCAGCTGGCAGTTCAGGCCAATCCGCGCCGGATGCGGTGTATCCGCGCAGTGCGGTGTATCCGCGCAGTTACCTGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTGCGGTGTATCCGCGCAGTTCAGGCCAATCCGCGCGCAGTGCGGTGTATCCGCGCAGTTGCAGTTATCCGCGCAGTTGCAGTATCCGCGCAGTTGCAGTATCCGCGCAGTTGCAGTATCCGCGCAGTTGCAGTATCCGCGCAGTTGCAGTATCCGCAGTTGCAGTATCCGCAGTTGCAGTATCCGCAGTTGCAGTATCCGCAGTTGCAGTATCCGCAGTTGCAGTATCCGCAGTTGCAGTATCCGCAGTTGCAGTTATCCAGTATCAGTAGTATCAGTATCAGTATCAGTATCAGTAGTATCAGTATCAGTATCAGTATCAGTATCAGTATCAGTATCAGTATCAGTATCAGTATCAGTAT$ TTTTCCCCTGATGCTGCCACGCGTGAGCGGTCGTAATCAGCACCGCATCAGCAAGTGTATCTGCCGTGCACTGCAACAAC GCTGCTTCGGCCTGGTAATGGCCCGCCGCCTTCCAGCGTTCGACCCAGGCGTTAGGGTCAATGCGGGTCGCTTCACTTAC GCCAATGTCGTTATCCAGCGGTGCACCGGTGAACTGATCGCGCAGCGGCGTCAGCAGTTGTTTTTTATCGCCAATCCACA TCTGTGAAAGAAGCCTGACTGGCGGTTAAATTGCCAACGCTTATTACCCAGCTCGATGCAAAAATCCATTTCGCTGGTG GATGTGCCCGGCTTCTGACCATGCGGTCGCGTTCGGTTGCACTACGCGTACTGTGAGCCAGAGTTGCCCGGCGCTCTCCG TTACCATCCAGCGCCACCATCCAGTGCAGGAGCTCGTTATCGCTATGACGGAACAGGTATTCGCTGGTCACTTCGATGGT TTGCCCGGATAAACGGAACTGGAAAAACTGCTGCTGGTGTTTTGCTTCCGTCAGCGCTGGATGCGGCGTGCGGTCGGCAA AGACCAGACCGTTCATACAGAACTGGCGATCGTTCGGCGTATCGCCAAAATCACCGCCGTAAGCCGACCACGGGTTGCCG TTTTCATCATATTTAATCAGCGACTGATCCACCCAGTCCCAGACGAAGCCGCCCTGTAAACGGGGATACTGACGAAACGC GGGCAAATAATATCGGTGGCCGTGTTCGGCTCCGCCGCCTTCATACTGCACCGGGCGGAAGGATCGACAGATTTGAT GATCGCGCTGCACCATTCGCGTTACGCGTTCGCTCATCGCCGGTAGCCAGCGCGGATCATCGGTCAGACGATTCATTGGC ACCATGCCGTGGGTTTCAATATTGGCTTCATCCACCACATACAGGCCGTAGCGGTCGCACAGCGTGTACCACAGCGGATG GTTCGGATAATGCGAACAGCGCACGGCGTTAAAGTTGTTCTGCTTCATCAGCAGGATATCCTGCACCATCGTCTGCTCAT AGACCATTTTCAATCCGCACCTCGCGGAAACCGACATCGCAGGCTTCTGCTTCAATCAGCGTGCCGTCGGCGGTGTGCAG TTCAACCACCGCACGATAGAGATTCGGGGATTTCGGCGCTCCACAGTTTCGGGGTTTTCGACGTTCAGACGTAGTGTGACGC GATCGCCATAACCACCACGCTCATCGATAATTTCACCGCCGAAAGGCCGCGGTGCCGCTGGCGACCTGCGTTTCACCCTGC ATCATCATTAAAGCGAGTGGCAACATGGAAATCGCTGATTTGTGTAGTCGGTTTATGCAGCAACGAGACGTCACGGAAAA TGCCGCTCATCCGCCACATATCCTGATCTTCCAGATAACTGCCGTCACTCCAGCGCACCATCACCGCGAGGCGGTTT TCTCCGGCGCGTAAAAATGCGCTCAGGTCAAATTCAGACGGCAAACGACTGTCCTGGCCGTAACCGACCCAGCGCCCGTT GCACCACAGATGAAACGCCGAGTTAACGCCATCAAAAATAATTCGCGTCTGGCCTTCCTGTAGCCAGCTTTCATCAACAT TAAATGTGAGCGAGTAACAACCCGTCGGATTCTCCGTGGGAACAACCGCCGGATTGACCGTAATGGGATAGGTCACGTTG GTGTAGATGGCCGCATCGTAACCGTGCATCTGCCAGTTTGAGGGGACGACGACAGTATCGGCCTCAGGAAGATCGCACTC  ${\tt AAGGGCGATCGGTGCGGGCCTCTTCGCTATTACGCCAGCTGGCGAAAGGGGGATGTGCTGCAAGGCGATTAAGTTGGGTA}$  $\tt ACGCCAGGGTTTTCCCAGTCACGACGTTGTAAAACGACGGCCAGTGAATCCGTAATCATGGTCATAGCTGTTTCCTGTGT$ GAAATTGTTATCCGCTCACAATTCCACACACATACGAGCCGGAAGCATAAAGTGTAAAGCCTGGGGTGCCTAATGAGTG AGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAAT TGATTGCCCTTCACCGCCTGGCCCTGAGAGAGTTGCAGCAAGCGGTCCACGCTGGTTTGCCCCAGCAGGCGAAAATCCTG TTTGATGGTGGTTAACGGCGGGATATAACATGAGCTGTCTTCGGTATCGTCGTATCCCACTACCGAGATATCCGCACCAA CGCGCAGCCCGGACTCGGTAATGGCGCGCATTGCGCCCAGCGCCATCTGATCGTTGGCAACCAGCATCGCAGTGGGAACG ATGCCCTCATTCAGCATTTGCATGGTTTGTTGAAAACCGGACATGGCACTCCAGTCGCCTTCCCGTTCCGCTATCGGCTG AATTTGATTGCGAGTGAGATATTTATGCCAGCCAGCCAGACGCGCGAGACGCCGAGACACTTAATGGGCCCGCTAACA GCGCGATTTGCTGGTGACCCAATGCGACCAGATGCTCCACGCCCAGTCGCGTACCGTCTTCATGGGAGAAAATAATACTG GTCATCCAGCGGATAGTTAATGATCAGCCCACTGACGCGTTGCGCGAGAAGATTGTGCACCGCCGCTTTACAGGCTTCGA  ${\tt CGCCGCTTCGTTCTACCATCGACACCACCACCTGGCACCCAGTTGATCGGCGCGAGATTTAATCGCCGCGACAATTTGC}$ GACGCCCGTGCAGGCCAGACTGGAGGTGGCAACGCCAATCAGCACGACTGTTTGCCCGCCAGTTGTTGTGCCACGCG TGCCGCTTCGGCCTCCGGCCACCAGAATAGCCTGCGATTCAACCCCTTCTTCGATCTGTTTTGCTACCCGTTGTAGCGCC GGAAGATGCTTTTCCGCTGCCTGTTCAATGGTCATTGCGCTCGCCATATACACCAGATTCAGACAGCCAATCACCCGTTG TTCACTGCGCAGCGGTACGGCGATAGAGGCGATCTTCTCCTCCTGATCCCAGCCGCGGTAGTTCTGTCCGTAACCCTCTT
TGCGCGCGCGCCAGAATGGCTTCCAGCTTTAACGGTTCCCGTGCCAGTTGATAGTCATCACCGGGGCGGGAGGCTAAC  ${\tt ACGTCGCCCGACCATTGCCCGGTGAAAGGATAAGCGGCTGAAACGGTGAGTGGTTTCGCGTACCACCATTGCATCAACAT}$  ${\tt CCAGCGTGGACACATCTGTCGGCCATACCACTTCGCGCAACAGATCGCCCAGCAGTGGGGCCGCCAGTGCAGAAATCCAC}$ TGTTCGTCACGAAATCCTTCGCTTAATTGCCGCACTTTGATGGTCAGTCGAAAACTATCATCGGAGGGGCTACGGCGGAC ATATCCCTCTTCCTGCAGCGTCTCCAGCAGTCGCCGCACAGTGGTGCGATGCAGGCCGCTGAGTTCCGCCAGCAGCCCGA CGCTGGCACCGCCATCAAGTTTATTTAACATATTTAATAACATTAGACCGCGGGTTAAGCCGCGCACGGTTTTGTATTCC GTCTGCTCATTGTTCTGCATATTAATTGACATTTCTATAGTTAAAACAACGTGGTGCACCTGGTGCACATTCGGGCATGT TTTGATTGTAGCCGAAAACACCCTTCCTATACTGAGCGCACAATAAAAAATCATTTACATGTTTTTAACAAAATAAGTTG CGCTGTACTGTGCGCGCAACGACATTTTGTCCGAGTCGTGAGGTACTGAAATGGCAATACAACACCCTGACATCCAGCCT GCTGTTAACCATAGCGTTCAGGTGGCGATCGCTGGTGCCGGCCCGGTTGGGCTGATGATGGCGAACTATCTCGGCCAGAT GGGCATTGACGTGCTGGTGGAGAAACTCGATAAGTTGATCGACTACCCGCGTGCGATTGGTATTGATGACGAGGCGC TGCGCACCATGCAGTCGGCCTGGTCGATGATGTTCTGCCGCACACTACGCCGTGGCACGCGATGCGTTTTCTCACC TCAGTCAGCAAGATGACGAAGTGACCTTGCACCTGAAAACGGCAGAAGGGCAGCGGGAAATAGTCAAAGCCCAGTGGCTG GTAGCCTGTGACGGTGGAGCAAGTTTTGTCCGTCGCACTCTGAATGTGCCGTTTGAAGGTAAAACTGCGCCAAATCAGTG GATTGTGGTAGATATCGCCAACGATCCGTTAAGTACGCCGCATATCTATTTGTGTTGCGATCCGGTGCGCCCGTATGTTT  TAAAACGCTACTTCCTCGAAATGCGCTTCAAGCCGATGCCGCAATATTACGGCGGTGCGCTGATGCGTGAGGGCGAAGCG  ${\tt AAGCACTCTCCGGTCGCCAAGATGTTTATTCAGCCGAAAGTCACGCTGGAAAACGGCGACGTGACGCTCGATAACGC}$ GATCGCCGCGAACTTCGCCGGTAATTGGCTGGGGATGCAATCCACTGTGGGGGATGAGCGACGAGCAAATCCAGCAGTGGC  ${\tt GCGCGTTGGGCACACGCTTCATTCAGGTGGTGCCGGAAGTGCAAATTCATACCGCACAGGATAACCACGACGGCGTACTA}$ CGCGTGGCGATACGCAAGGTCGCCTGCGTAGCTGGTTCGCGCAACACAATGCTTCGCTGGTGGTGATGCGCCCGGATCG GTATGTCGACCCGGCGCAAGAGGTGCTCGATGAGGTCAATGGCGTGATTGCCAGCGCCCCGCGAGCGTATTGCGGCATTCT  ${\tt CCCCTGAACTGGTGGTGCTGTTTGCGCCAGATCACTACAACGGCTTTTTCTATGACGTGATGCCACCGTTCTGTTTAGGC}$ GTTGGAGCGACGGCAATTGGTGATTTCGGCAGTGCGGCAGGAGAGCTGCCCGTGCCTGTGGAGCTGGCGGAGGCCTGTGC GCATGCCGTCATGAAGAGCGGGATCGATCTTGCCGTTTCTTACTGTATGCAGGTGGACCACGGGTTCGCCCAGCCGCTGG AGTTCCTGCTCGGTGGCTGGATAAGGTGCCAGTTCTGCCTGTGTTCATCAACGGTGTCGCCACGCCGCTGCCCGGTTTC  $\tt CAGCGTACCCGCATGTTGGGTGAAGCCATTGGACGTTTCACCAGCACTCTCAATAAACGCGTGCTGTTCCTGGGTTCCGG$ AAGATTTACCCGCCAGTGAGCGCGAATTGCGTCAGCAACGGGTGATTAGCGCCCGCTGAGAAGTTTGTTGAGGATCAGAGACGTCAGTAACGAAGAGCTTTCCGCCATTGCCGGAAAGTCGACACATGAAATCAAAACCTGGGTCGCCGCTTTTGCCGCTA TTTCTGCGTTTGGCAACTGGCGTAGCGAAGGGCGTTATTACCGCCCAATCCCGGAGTGGATTGCCGGATTTGGCTCGTTA  ${\tt AGCGCCAGAACAGAGAACTGAATATGCAGGAGAGATGATGATGATTATCAGCCACAAACCGAAGCCGCCACCAGCCGTTTT}$  $\tt CTGAATGTAGAAGAGCGGGTAAAACGCTGCGCATCCATTTTAATGACTGCGGACAAGGCGACGAAACCGTTGTCCTGCT$ GCATGGTTCCGGCCCGGGTGCTACTGGCTGGCGAACTTCAGCCGCAATATCGATCCGCTGGTAGAGGCGGGCTATCGGG  ${\tt TGATCCTGCTGGATTGTCCGGGTTGGGGCAAGAGCGATTCGGTCGTTAATAGTGGTTCGCGATCGGATCTTAATGCACGA}$ ATCCTGAAAAGCGTGGTGGATCAACTGGATATCGCCAAAATCCACCTGCTGGGCAACTCGATGGGGGGCCATAGTTCTGT CGCCGATGCCAACCGAAGGTATTAAGCGACTGAATCAGCTTTATCGTCAGCCGACTATCGAAAACCTGAAGCTGATGATG GATATCTTCGTTTTGATACCAGCGATTTGACCGACGCCCTGTTTGAAGCGCGCCTGAATAATATGCTGTCGCGCCGCGA TCACCTGGAAAACTTCGTTAAGAGCCTGGAAGCTAATCCGAAACAGTTCCCGGATTTTGGCCCACGTCTGGCGGAAATCA GCTGAATTTCCTCGCACGCCCTTAAGGAATGGTCATGACGAAGCATACTCTTGAGCAACTGGCGGCGGATTTACGCCGCG A CAACAACTGGGCGTTGATCAACCGGATTTTGGGACGTTATTTGCCGACATGTGTTATTGGCGATAACGAAATCATTCCTTTTTCCCGTGTTCTGCAACCCCGCATTGAAGCGGAGATCGCACTGGTGTTGAACCGCGATTTGCCCGCAACCGATATCACC TTCGACGAATTGTATAACGCCATTGAATGGGTACTTCCGGCGCTGGAAGTGGTGGGGGAGCCGCATTCGCGACTGGTCGAT TCAGTTTGTCGATACCGTGGCAGATAACGCCTCCTGTGGGGTGTATGTCATCGGCGGTCCGGCGCAACGTCCGGCGGGGGT TACCGGGGCATTAGGTCCGATGGTGGCGGTGAATGCGGGCGATCGTTTTGAAGCCCATATTGAAGGCATAGGTTCAGTTG ATTTGCTGATATCGACATTGTATTTGATGCGACCAGCGCCGGTGCTCATGTGAAAAACGATGCCGCTTTACGCGAAGCGA AACCGGATATTCGCTTAATTGACCTGACGCCTGCCATCGCCCTTACTGCGTGCCGGTGGTTAACCTCGAGGCGAAC GCGTGTTCATTACGCCGAAATTATCGCTTCTATCGCCAGTAAATCTGCCGGACCTGGCACGCGTGCCAATATCGATGAAT  TGAAATGGCTGAGGCGTTCACGTACCGGGTTATCGCCTGAAACAGCGCGTGCAGTTTGAAGTTATCCCGCAGG CATTATCTGCCTGCCTATGCGGGCAACCTCGACATTATGACTTCCAGTGCGCTGGCGACAGCGGAAAAAATGGCCCAGTC CGCCATTCGTCATCAGTATTCGCTGGAAAACGTTCGCCAGATTGCCAAAGCACTGGACGATGCCCGCGTGGATTCGATTG GCGGCGGCGGATGTGGTGAAGCACGCCAAAATCGCGACGTTGTTGCTGCCAGGAATCGGCACTATTCACGATCTGAAAAA TGCCTGGCAGGCTGGCGCGGGTGGTTCGTGTGGCAACGCACTGTACCGAAGCTGATGTTTCCGCCCAGCATATTCAGT ATGCCCGCGAGCTCGGAATGGACACCGTTGGTTTTCTGATGATGAGCCATATGACCACGCCGGAGAATCTCGCCAAGCAG GCAAAGCTGATGGAAGGCTACGGTGCGACCTGTATTTATGTGGTGGATTCTGGCGGTGCGATGAACATGAGCGATATCCG TGACCGTTTCCGCGCCCTGAAAGCAGAGCTGAAACCAGAAACGCAAACTGGCATGCACGCTCACCATAACCTGAGTCTTG GCGTGGCGAACTCTATCGCGGCGGTGGAAGAGGGCTGCGACCGAATCGACGCCAGCCTCGCGGGAATGGGCGCGGGCGCA GGTAACGCACCGCTGGAAGTGTTTATTGCCGCCGCGGATAAACTGGGCTGGCAGCATGGGACCGATCTCTATGCGTTAAT GGATGCCGCCGACGACCTGGTGCGTCCGTTGCAGGATCGACCGGTACGAGTCGATCGCGAAACGCTGGCGCTGGGATACG  $\tt CTGGTGTTTACTCGAGCTTCCTGCGTCACTGTGAAACGGCGGCGCGCGTTATGGCTTAAGTGCGGTGGATATTCTCGTT$ GAGCTGGCCAAACGCCGGATGGTTGGCGGCCAGGAGGATATGATCGTTGACGTGGCGCTGGATCTGCCCAACAACAAATA TACGGATGGCGTGAGAATTTGTAGGTCTGATAAGACGCGTTAGCGTCGCATCAGGCATCTGCCGCACGACTGCCGGATGCG TGCGCACGACTGCCGGATGCGGCGTGAACGCCTTATCCGGCCTACGGGTGGCGCGAGAATTTGTAGGCCTGATAAGACGC GTTAGCGTCGCATCAGGCATCTGCCGCACGACTGCCGGATGCGGCGTAAACGCCTTATCCGGCCTACGGATGGCGCGGGAA TTTGTAGGCCTGATAAGACGCGTTAGCGTCGCATCAGGCATCTGCACACGACTGCCGGATGCGATAAACGTCTTGTCCGG  $\tt CCTACATTTCGCCCGTAGGCAGTCATTAAATAGTTCTGATTACGCGGCTGGCAATGTATCAGTCGCGATTCACCTGCACTTCACTT$  ${\tt CGCAACGAGGTTCATCTTATGTCGACTCGTACCCCTTCATCATCTTCATCCCGCCTGATGCTGACCATCGGGCTTTGTTT}$ GACCGTTATGGTCGCAAGCGCATTTTGATTGGCTCAGTTGCGCTGTTTGGTTTGTTCTCACTGGCAACGGCGATTGCCTG GGATTTCCCCTCACTGGTCTTTGCGCGGCTGATGACCGGTGTCGGGGCTGGGGGCGCGTTGCCGAATCTTATCGCCCTGA  $\tt GCGGCGACACTGGGTTTCGCGGGGGCAAACTTAGCATGGCAAACGGTGTTTTGGGTAGGTGGTGTGCCGTTGATTCT$ GGTGCCGCTATTAATGCGCTGGCTGCCGGAGTCGGCGGTTTTCGCTGGCGAAAAACAGTCTGCGCCACCACTGCGTGCCT ATCAACTGGCTACCGCTACTTTTGGTGGAGCAAGGATTCCAGCCATCGCAGGCGGCAGGGGTGATGTTTGCCCTGCAAAT  $\tt GGGGGCGCAAGCGGGACGTTAATGTTGGGCGCATTGATGGATAAGCTGCGTCCAGTAACCATGTCGCTACTGATTTATA$ GCGGCATGTTAGCTTCGCTGCTGCTGGAACGGTGTCGTCATTTAACGGTATGTTGCTGGCGGGATTTGTCGCGGGG TTGTTTGCGACAGGTGGCCAAAGCGTTTTGTATGCCCTGGCACCGTTGTTTTACAGTTCGCAGATCCGCGCAACAGGTGT GGGAACAGCCGTGGCGGTAGGGCGTCTGGGGGGCTATGAGCGGTCCGTTACTGGCCGGGAAAATGCTGGCATTAGGCACTG GCACGGTCGGCGTAATGGCCGCTTCTGCACCGGGTATTCTTGTTGCTGGGTTGGCGGTGTTTATTTTGATGAGCCGGAGA TCACGAATACAGCCGTGCGCGATGCCTGACGTGCCTTATTAGGCAGGGGCGAAAGGGACTTCACCCCAATACACCTACG GCGTTTACAGGTATACTCGCTAAAAATTATTCAGCGGGTTTGGAAACAAAGATGGCAAAACTTACCTTACAAGAGCAGTT GCTCAAAGCAGGATTAGTCACCAGCAAAAAAGCGGCGAAGGTGGAGAACGGCGCAAAAAAATCGCGCGTTCAGGCGCGTG AAGCTCGGGCGGCGGTAGAAGAAATAAAAAGGCACAGCTTGAGCGTGATAAACAGCTTAGCGAACAGCAAAAACAAGCG GCGTTGGCGAAAGAATATAAAGCTCAGGTGAAGCAGCTTATTGAAATGAACCGAATCACCATTGCCAATGGCGATATTGG TTTTAACTTCACTGACGGCAATCTGATTAAGAAGATTTTTGTCGATAAGCTCACACAGGCGCAGTTGATTAATGGTCGTC  ${\tt
TGGCGATTGCCCGCTTGTTGGTCGATAACAATAGCGAAGGTGAATACGCCATTATTCCCGCCAGCGTTGCCGATAAAATTGGCGATAAAATTGGCGATAGGTGAATAGCGATAGGTGAATATTCCCGCCAGCGTTGCCGATAAAATTGGCGAATAGGTGAATAGAATAGGTGAATAGAATAGGTGAATAGAATAGGTGAATAGAATAGGTGAATAGGTGAATAGGTGAATAGAATAGGTGAATAGAATAGGTGAATAGAATAGGTGAATAGAATAGGTGAATAGAATAGGTGAATAGAATAGGTGAATAGAATAGGTGAATAGAATAGGTGAATAGAAT$ GCTCAGCGCGATGCCAGCAGTATAGTGTTGCACAGCGCGCTCAGCGCCGAAGAGCAGGATGAAGACGACCCGTATGCCGA  ATCAGGCCTACGGTTTATGGGCGAAGTGTAGACCGGATAAGGCGTTCACGCCGCATCCGGCAGTCGTGCCCTGA TGCGACGCTTTGCGCGTCTTATCAGGCCTACGGCTTACGGGCGAAGTGTAGGCCGGATAAGGCGTTCACGCCGCATCCGG  ${\tt CAGTCGTGCTATTATCAACGCATATTCAGTTTATTGGCGTGGTAGGCAATATGCTCGCCAATAAAACTGGAGACAAAATA}$ ATAGCTGTGATCATAACCCTCGTGATAACGGATTAACGTCTTGATATTCATCTCCTGGCAGATCTTTTCAAGATTTGGAG TCCGCAGCTGTTCTGCGTAAAAATCATCACTCAACCCCTGATCAACCATGATTTCCGCAACGCGTTGACCTTGTGAAATA AGACTCACCGGGTCGTAATCCAACCAGGCATCTTTATTTTCAGCAAGATATGCAGCAAAGGCTTGCTGTCCCCACGGCAC TTGCGATGGGGAGACAATGGGCGAAAACGCCGAGACGCTGACATATTCATCTGGGTTACGTAACGCCAGCACCAGCGCGC  ${\tt CCAGCCCGCCCATAGAATGACCAGAGATAGACTTTTTGGCCGTTGCCGGAAAATGATGCATCACTAAATCCGGCAGCTCG}$ TTGCGGATATAGTCATACATTTTGTAATGTTCATTCCACGGCGCTTTGCGTCGCGTTCAGGTAAAACCCGGCACCTTGCCC GAGATCGTAACGGTCAGCATCTGCGACATGACTGCCTCGCGGACTGGTGTCCGGCGCAACAACAATAATGTTGTGCTCAG  $\tt CCGCGTAACGCTGCATCCCCGATTTAGTAATGAAATTCTGCTCGTTGCAGGTCAGGCCTGAAAGCCAGTACAGCACCGGC$ CATATTTTGCCAGCCGCCAAAGCTGACATGTTTTTCAATGAGTTCCATCAGTCATTATCTCAGGGTTAATCCCCCGGACG GCTGCCCGGGGAGAGTATTAAGAACCCCCGCCTGAAGTGGACGGGGTAAACCTGCGGGAAATCAGTAACGAATTACGGTT GATACCCCATTTGTTGATATCCAACAGGACATCTTTTATCGGTTTGTCGTAGTCATTCGGGTTAATGCAGTCGGTAGCAC ACACTTCCGCGACTACGGTGTATTCACTGAATGTAGAGCACCCCATGTAGTGATAAAGCGGCTGCCCGTTGTAAGAAAAA GAACTCACACTCGCCGCACTCCGCGGTGTAAAGCGGGATCACATGGTCGCCAGGTTTGACGCTGGTTACGCCTTCACCGA CTTCAACCACACGCCGGCCCCTTCGTGACCGAGAACCACCGGGAATACACCTTCCGGGTCATCGCCGGAGAGGGTAAAT GATTTCCAGCGGTTTACCGGGAGCAAATGCAACGGCAGCACGTGATTTCATCTCTCGCTCTTCCTCAATATGGTAATAGA TTCAGCTATTTAAGATAGGCACGAACCAGTTCAATAGTGTCGTCAACGGATTGGCTGACTTCGCGGCTGTAGCAGTCATT GTTGGAGTATGGCACGGCATTCGGCATCACCCTCCAGCGACCGTTCCAGAGCATCAATCTGCCCCCGAATACGACGAACT GTATTCTATATGTCAATGCATACCCCCCTATAGTATATAACACTGGAGAATAAAATTTATCCGGTGAATGTGGTCGGAAA A CAAAGAGGAAAGGGGGGGGGGCTAATCGGCAGGGAAGGCCGCCCCGGATAGCGGGCGCAGAAGGAATCAGAATTTCCAGGTCAGACGGGCTGCAAGTTGCAGACCGTTAAAATCATCGGTTGGGGTGTCGTACCACACTTTACCTGCCGTCAGCCCGA GATTAAGTTGCTCAGTCAGCGGTTGAATACGTTGCAGACTGACGCTCTTCATGCTGCCGTAGCGTGTTTCTGGCGTCCAG TCATAGGTGTAAGCACCTGTTCCGCGGCTTAGCCATAGTTGCGTATAACCAGTGCCGCGCGGGTCATTCAGACGCACGGA AATCATATTGCTATAACTACCACCTGCATCGCTGGAGTCATAATGGGTATAGCGGTAGCTGGTGATCACCGGGCCAGTAT AGAGTGATACGCCGCCTTGCCAGGCATCGACTTCGACATCATCGTAATATTTAGTGTAGCGATAACCGGTCGTGAAAAGC GTTTTTGGTAACAGGGCCAGGTTAATATCCTGACGAAAATCCTGGCGGGCAAAGACCGGCGTATTATCCGCAAAGGCAAT TTACGGTTGCCATGATCGCCAGAATAATCGGTAAAATCGTAGCCCGCGGTAATGGAAGTTAACCCGGCATAAGCGGGCAA TGCGCTAAAAATGGCCGCCGCTAATAACGTCCGTTTTATCATTTTAATCTCCTGTACGGATAAGTTCTTGTCGGAGTGAA TAAGTTCCGGTAGGTAAATTACGTTCTACAATCACGCGCGGGCCAAGTTGCGTGTTCCGGGGAAATAATTCGCCCAGGCAA AATAATAACTTGTACGCCAAGGCGTGAACGCTGCCCGATATAACAACCTAATTTATCGCATCCGGTAGCGATAATTCCCT GCAACTACCGAGTCGCCAATAAAACATTGCGGACCAATCGTTGCTTCCGCTTCAATAACCGCATTTTTAATCTCGGTGGC AAAACCAATTTTTACGCCATTGCTGATTATTGTGCCAGGACGAATAAACGCATAATTACTAGACTGGCCCCCTGAATCTC TCTTAGGGCCGGAGAAACGCAGACGCGTACCACACAGGAAAAGATCGCAATTGTTCAGCAGAGCTTTGAACCGGGGATG TCTTACTGCTGTCGCCGCCGGAGAACAGGTTGTTCCTGCCTCTGAACTTGCTGCCGCCATGAAGCAGATTAAAGAACTCC AGCGCCTGCTCGGCAAGAAAACGATGGAAAATGAACTCCTCAAAGAAGCCGTTGAATATGGACGGGCAAAAAAGTGGATA GCGCACGCGCCTTATTGCCCGGGGATGGGGAGTAAGCTTAGTCAGCCGTTGTCTCCGGGTGTCGCGTGCGCAGTTGCAC GTCATTCTCAGACGAACCGATGACTGGATGGATGGCCGCCGCAGTCGTCACACTGATACTGATACGGATGTCTTCTCCGTAT ACACCATGTTATCGGAGAGCTGCCAACGTATGGTTATCGTCGGGTATGGCCGCTGCTTCGCAGACAGGCAGAACTTGATG GTATGCCTGCGATCAATGCCAAACGTGTTTACCGGATCATGCGCCAGAATGCGCTGTTGCTTGAGCGAAAACCTGCTGTA ACTTGAACCGAAGAACACGGCGGTGCGGAGTCCGGAGAGTAACGGAATAGCAGAGAGCTTCGTGAAAACGATAAAGCGTG ACTACATCAGTATCATGCCCAAACCAGACGGGTTAACGGCAGCAAAGAACCTTGCAGAGGCGTTCGAGCATTATAACGAA TGGCATCCGCATAGTGCGCTGGGTTATCGCTCGCCACGGGAATATCTGCGGCAGCGGGCTTGTAATGGGTTAAGTGATAA  ${\tt CAGATGTCTGGAAATATAGGGGCAAATCCAATTACCTATCAGGCAGTTTGCGCCAATCACTACCGGACCCTGAATAACGG}$ CACCATGACAAATACGGGTATTCGCGCCGATAACAACTTCACCTGCAGTTTCATCAATAATTACCTGGTCTGCAATCTGA ATATTTTCTCTTTAACATTAAGCTTCAGATAGTTTTTCAGTTCCTGTGACAGAAGGTTGGGAATAAGCGGTTGACGCTTGCTAAAAGCACCAATAACACAAACTACGCCGACCCAGATAAGCGGAAACATTGCCAACACCACTCCATGCGGCCCGGTGG ATACCGAAGCGGCTAAATAAAAGTCTTTTATGCAGGCGCATACAGACCGCGTATCCCACAATCCAACGCCGCCAGCGACG ATCCCGCAGGCACCGCTGATAATAAACGGTGCGCCACCCAGGAGCTGCTGTAGCGTGCGCTTCATAACAATCATCGGCAA GTCGCCCCATTTGCGTTTGACTTCCGCCATGACCGCTTCGGTATTGTCCGTGGAGCCGTCGTTAACGCAAATTACCCGGC AAAAATAAGGGTTACGCAGTAGATTATCCAGTGACTGCGCCAGACACGGGCCTTCGTTATACGCAGGTATAATGGCGTCA ATACAGCCTTTCTTTTGACTGGGTTTACGTCTTAGCGTACTTAAAAACCATAGCAACATTGCTATGGACATACAGATAAA TATCCAGGTTTTCATGCAATTTGCTCAAAGAATCATTTTATGAATTACAAAGCCTTCACCCAGATCGCTATTGACCTGTT GTCCGCGAAATTGTGCAACTGCACGCAGGCGATCATGACGCATATAATCGCGTCGTTCCTAGCTTTTATGTTTTTTAAT GCAGCAAGTTTGACTGTGAAATATTCTTCTTTAACGGATTCAAAAAACCTGAGGCATAAATGAAAGCCAGGTACTTGGGGT TTCGTAGCCGAGAATTTGCGGAATAGTTCGGCAGGCAACCATTGAAGCTTGATAAACAGCAAGATGATCCTGATGGCGGT ATCATATCATTGAGCTGTAAATGAGCGCGGGTGTCAGCAAAATTAAGATGAATAGTTTGGTGGCACCCTAATATCTTTAG GGCGTTGCGCGATTCTTCATGGCGATCGATTATTCCATCTGTGCCAGAGTTGCCGGTAGTCATCACCACGGCTGCGATAT AAATTCCTTTTTGCGCAAGACGAGCGATGCGCCACAGCCTAATTCTATATCGTCAGGATGTGCGCCAATAGCAAGG TATACTACAAGCACAACGATGCACTCAGAGACGTAATCTCTGGCGCAGCCAGATGTTAATTTATAAATGTTAAATGTTGC TAATAACTGAAAAGCAAGGGCTTTCAGACCCGTGGGTTCGACTGGGTAATGTTTCTATGCAATTCATATGTTAAGTGTTT AAATATGTTCTGTGAACAAGCATTGTTTATATACATTATGTGAATGTAATATGCGAGTGATTGAGAATGATACAGTGATA  TGTTTATGCATCACTAAAATGAAGTGTAGTAATTTTCCCAATTGTTAGAACGGAGTAATTGCATATTTAATCTTTCCTTA ACCTTTGCTAAAGAAAGCGGAGCAACCGTGGACTGGCGTAAGTTTGACAGCGGAGCCATCGTGCGGGCGCTGGCTTCTGCTGGCGTCAAAACTGGGTAACTCCGAAGCGCTGGTGGTAAAGAAAACTATCAGCAAACCGGAAGATCTGATTGGCAAA CGCATCGCCGTACCGTTTATCTCCACCACCACTACAGCCTGCTGGCGGCACTGAAACACTGGGGCATTAAACCCGGGCA AGTGGAGATTGTGAACCTGCAGCCGCCGGGATTATCGCTGCCTGGCAGCGGGGAGATATTGATGGTGCTTATGTCTGGG TGCTCAGCAACCGTACATTGCTAACCCAGACGTGTGGCTGAAACAGCCGGAAAACATCAGCAAACTGGCGCGTTTAAGCG GCGTGCCTGAAGGTGACGTTCCGGGGCTGGTGAAGGGGAATACCTATCTGACGCCGCAGCAACAACGGCAGAACTGACC GGACCGGTGAACAAGCGATCATCGACACCGCGCAGTTTTTGAAAGAGCAGGGCAAGGTCCCGGCTGTAGCGAATGATTA GCGGCAAACCGGCACTGGAAGATATCAACCTGACGCTGGAAAGCGGCGAGCTACTGGTGGTGCTGGGGCCGTCCGGCTGC GGTAAAACCACCCTGCTGAATCTGATTGCCGGTTTTGTGCCTTATCAGCATGGCAGCATTCAACTGGCGGGTAAGCGTAT TGAGGGACCGGGAGCAGAGCGTGGCGTAGTTTTTCAGAATGAAGGGCTACTACCGTGGCGCAATGTACAGGACAACGTGG CGTTCGGCCTGCAATTGGCAGGTATAGAGAAAATGCAGCGACTGGAAATCGCGCACCAGATGCTGAAAAAAGTGGGGCTG GAATCCCCAGCTGTTATTACTCGACGACCGTTTGGTGCGCTGGACGCCTTCACCCGCGACCAGATGCAAACCCTGCTGC TGAAACTCTGGCAGGAGACGGGCAAGCAGGTGCTGTTGATTACCCACGATATAGAAGAAGCGGTGTTTATGGCGACTGAA  $\tt CTGGTTCTGCTTTCATCCGGCCCTGGCCGTGTGCTGGAGCGGCTGCCGCTCAACTTTGCTCGCCGCTTTGTTGCGGGAGA$ GTCGAGCCGCAGCATCAAGTCCGATCCACAATTCATCGCCATGCGCGAATATGTTTTAAGCCGCGTATTTGAGCAACGGG AGGCGTTCTCATGAGTGTCCTCATTAATGAAAAACTGCATTCGCGGCGGCTGAAATGGCGCTGGCCGCTCTCGCGTCAGG TGACCTTAAGCATTGGCACGTTAGCGGTTTTACTCACCGTATGGTGGACGGTGGCGACGCTGCAACTGATTAGCCCGCTA TTTTTGCCGCCGCAACAGGTACTGGAAAAACTACTCACCATTGCCGGACCGCAAGGCTTTATGGACGCCACGCTGTG GCAGCATCTGGCAGCCAGTCTGACGCGCATTATGCTGGCGCTATTTGCAGCGGTGTTGTTCGGTATTCCGGTCGGGATCG TTGCCGCTGATGGTGATCTGGTTTTGGTGAAACCTCGAAGATCTTACTGATCTATTTAGCGATTTTTTGCACCGGT AGCGCCGCCTGACGCCCTGGCATGGAGAAGTACAATGAGTGAACGTCTGAGCATTACCCCGCTGGGGCCGTATATCGGCG  $\tt CACAAATTTCGGGTGCCGACCTGACGCCCCGTTAAGCGATAATCAGTTTGAACAGCTTTACCATGCGGTGCTGCGCCAT$  $\tt CAGGTGGTGTTTCTACGCGGATCAAGCTATTACGCCGCAGCAGCAGCACGCGCTTGGCCCAGCGTTTTGGCGAATTGCATAT$ TCACCCTGTTTACCCGCATGCCGAAGGGGTTGACGAGATCATCGTGCTGGATACCCATAACGATAATCCGCCAGATAACG GGCGGTGATACGCTCTGGACCAGCGGTATTGCGGCCTATGAGGCGCTCTCTGTTCCCTTCCGCCAGCTGCTGAGTGGGCT GCGTGCGGAGCATGATTTCCGTAAATCGTTCCCGGAATACAAATACCGCAAAACCGAGGAGGAACATCAACGCTGGCGCG AGGCGGTCGCGAAAAACCCGCCGTTGCTACATCCGGTGGTGCGAACGCATCCGGTGAGCGGTAAACAGGCGCTGTTTGTG GGGTAATACGAGAGTGGACGGTCCCCTCGCCCCCTTGGGGAGAGGGTTAGGGTGAGGGGGGCGTTCACCGTACTTTCAACA GGTTAACTCCCCCTTTCTGAGAGGAAACAAAATTAACGCAGAATCTTCTTCTCAGCCAAATCCAGCGCAAAGTAGCTGAA AATCAGATCCGCACCCGCACGCTTAATCGAACCTAAGCTTTCGAGCACGACTTTCTCTTCATCTATAGCACCCGCCAGCG CGGCGAACTTAATCATCGCATACTCACCGCTCACCTGATACGCGCCAATCGGCAATTCAGTACGTTCACGCAGCTCACGC  ${\tt ACGATGTCGAGGTACGCTCCAGCAGGTTTAACCATCAGGCAGTCTGCGCCCTGGGCTTCATCCAGCAGTGATTCACGAAT}$
GGCCATAAAAGGAGGGGGGAACTTGGTCGAATACGACATAATCGCCGTATCTTTAAATCCCGCAGCGTCCAGCGCCTGA  $\tt CGAATCGCCTGTACCTGGCCGTCCATCGCGGCGGAAGGGGCGATGAAGTCTGCACCTGCAGCAGCTGCAACCACGGCTTG$ CTTGCCTAAATTTTCCAGAGTCGCGTCGTTGTCGACGCCATGCTCGCACAGCACACCGCAGTGACCGTGAGAAGTGTATT CACAGAAGCAGGTGTCTGACATAACGATCATTTCTGGCACGGTCTGCTTGCAGATGCGCGACATACGCGCCACCAGTCCA TCTTCCCGCCAGGCATCGCTGCCGGTTTCATCGGTATGGTGAGAGATGCCAAAAGTCATCACGGAACGAATACCGGCGTT GGCGATGCGTTCAATTTCGCGTGCCAGATGTTTCTCTGGAATGCGCATCACGCCTGGCATGGCTTCAACGGCTTTGTAGT CGTCAATTTCTTCTAACAAAGATCGGCAACACCAGGTCGTTAAGGCTAAGTGTTGTCTCTTCAAACATAGCGCGCAGC AGTATACCTGAAGCAGGGTAGGGATGTTTTACGAAAGTTGTCGCGATGTTGACAAGAAGAGAATGGAAGAGAGGGCCAGGA TTTTTGGAGTTTGGTTGCGCTGCTATAAATTGAATAATTAAAACTTTGTTGCATATTCATAGGATATTTATCTGGTTTGT GTTTGTGATATTTATGCGTATGCTTCAAAAACAAAATTATCTGCAACATGTTGAAATACTGTGCTTTTATGAATTTG ATGCGTGTTTTTCTCCATAAATTATATGTCCACATTCGGACTTAGGGGAAAGAATAATTGAACCATTCGTCTGTAACG GGGATGACAAATGCACTCCTGGAAAAAGAAACTTGTAGTATCACAATTAGCATTGGCTTGCACTCTGGCTATCACCTCTC AGGCTAATGCAGCAAACTATGATACCTGGACTTATATCGATAATCCCGTTACAGCACTTGATTGGGATCATATGGATAAG  ${\tt GCAGGCACTGTAGATGGCAACTATGTAAACTATAGTGGTTTTGTCTATTACAACACCAATGGTGATTTCGATCAGTC}$  $\mathtt{CTTTAACGGCGATACCGTTAACGGCACGATCTCAACCTATTATTTGAACCATGATTATGCAGACAGTACTGCTAATCAGC$ TTGATATCAGTAATTCAGTGATTCACGGTTCGATTACTTCTATGCTGCCTGGCGGTTATTATGATCGTTTTGATGCAGAT GGTAATAATCTGGGTGGATATGATTTTTACACTGATGCGGTTGTTGATACACACTGGCGTGATGGTGATGTTTTCACTTT GAACATTGCTAACACTACTATTGATGATGATTATGAAGCTCTTTACTTCACTGATTCTTATAAAGATGGTGATGTAACCA AGCACACAAATGAGACATTTGATACAAGTGAAGGCGTTGCTGTTAATCTTGATGTAGAAAGTAACATCAATATTTCCAAT AACTCCCGCGTTGCAGGTATTGCATTATCTCAAGGTAATACTTACAACGAAACCTACACTACCGAATCTCATACTTGGGA TAACAATATCTCTGTAAAAGATTCCACAGTGACTTCGGGTTCAAATTATATCCTGGATAGCAATACTTATGGCAAAACTG GTCACTTTGGCAATTCTGATGAACCGAGTGATTATGCTGGCCCGGGTGATGTTGCAATGTCCTTTACTGCTTCAGGTTCC GACTATGCGATGAAGAACAATGTATTCCTCAGCAATTCAACGCTGATGGGTGATGTTGCCTTTACCAGCACCTGGAATAG TAATTTTGATCCGAATGGTCATGATTCCAACGGTGACGGGGTGAAAGATACCAACGGGGGTTGGACTGATGATAGCCTCA GCAATGTATGATGTTGCTACAAACAGCCTTACTCCTGATGCAACATATGAAAACAATGACTGGAAACGTGTTGTTGATGA GGTTCTTCGCTGAACATTGGTGAAGATGGCTACGTTGATACCGATCATCTGACTATTAACTCCTACAGTACTGTTGCGTT GACCGAATCTACTGGGTGGGGGGCTGATTGATCCTACCCACGTAATATGGACACAGGCCTAAGCGAGGTTCTTGTTTTCA AATTGTTCCGGACTGAGGCCGCCACACCAACTGTGCCGCCGCCACCGATTGTAATCACATTCGATATAATTAAACACCGT TGCCCGCATTATTTCCCGGCTGATAAAGTGTTCTCCATGGATACATTCCACTTTCAGCGAATGAAAGAAGCTTTCCACGC AGGCATTATCGTAGCAGCAACCTTTTGCGCTCATACTTCCACGCAGATTATGCCGCTTCAGTTGCGCCTGATAATCTGCT GAACAGTACTGGCCTCCACGGTCCGTGTGAACGATAACGTTCCGGGGCCTCTTACGCCGCCACAGCGCCATCTGCAGGGC ATCGCAGGCCAGTTGCGCCGTCATGCGTGGCGACATTGACCAGCCAATAACGGCACGTGACCACAGGTCAATGACCACTG  $\tt CCAGATACAGCCAGCCTTCATCTGTACGTAAGTACGTGATGTCTCCTGCCCACTTCTGGTTCGGGCCACTGGCGTAAAAA$ TCCTGCTCCAACAGATTTTCTGACACAGGCAGGCCGTGTGCGCGGGTAGCTGACCGGGCTGAACTTCCGGGAGGCCTTTGC GGCGTGGGGCACCGTAACGCTGTTTTGACCGGGTAAAAGCCGCGGAGGACAACGCTGTCGCAGTGTTGGCGGAACTGCTGA CGCGTGCTTATCCTTGTCCGCCGCTGACACCACGTATACCAGCCGCTGCGGGCCACCCGGAGCACGCGGCACATTGCTTT GATGCTGAACTCAGCCTGATGTTTTTCAATAAAGACATACTTCATTTCAGGCGCCTTCGCGAAGTATGTCGCGGCCTTTTG  CAGAAGACGTCTGCTGATTTTGCTGTTTACTGCGCCAGTTGTAGAGTTGTGATTCATACAGGCTGAGTTCACGGGCTGCG TACTGAAGCTTTCCGTACTGACAAACTGGAACTGACCAGCGGCAACATCGCTGACCATAACGGTAACGTAGTATCTGGTG TGTTCGATATCCATAGCAGCGATTACGTTCTGAACGCTGATCTGGTGAACGACCGTACCTGGGATACTTCCAAGTCTAAC TACGGTTACGGTATTGTTGCTATGAACTCTGATGGTCACCTGACTATCAACGGTAACGGCGACGTAGACAACGGTACTGA ACTGGATAACAGCTCTGTAGACAATGTTGTTGCTGCAACCGGTAACTACAAAGTTCGTATCGACAACGCAACTGGCGCTG GCGCTATCGCTGATTACAAAGATAAAGAAATTATCTACGTAAACGACGTCAACAGCAACGCGACCTTCTCTGCTGCTAAC  ${\tt AAAGCTGACCTGGGTGCATACACCTATCAGGCTGAACAGCGCGGTAACACCGTTGTTCTGCAACAGATGGAGCTGACCGA}$  $\tt CTACGCTAACATGGCGCTGAGCATCCCGTCTGCGAACACCCAATATCTGGAACCTGGAACAGACACGCTTGGTACTCGTC$ TGACCAACTCTCGTCATGGCCTGGTTAACGGCGGCGCATGGGTAAGCTACTTCGGTGGTAACTTCAACGGCGACAAC GGCACCATCAACTATGATCAGGATGTTAACGGCATCATGGTCGGTGTTGATACCAAAATTGACGGTAACAACGCTAAGTG  ${\tt ACCAGCTGAGCAACGACATGAAAGTTGACGGTCAGTCTTACGACAGCATGCGTTATGAACTGGGTGTAGATGCAGGTTAT}$ ACCTTCACCTACAGCGAAGATCAGGCTCTGACTCCGTACTTCAAACTGGCTTACGTCTACGACGACTCTAACAACGATAA  ${\tt CCAAGAACTTCAGCGCCTATACCGATGCTAACTACCTCGGTGGTGGTGACGTAGATCAAGACTGGTCCGCGAACGTGGGT}$ GTTAAATATACCTGGTAATATTCTTCACTCCGAAGAAATACTGGTAATTTAATCTAAATAATGCCCGTCAAGGATTTGAC GGGCATTACTGCAAAGGACGCGCAAATGTTATCTGTAGTTAAACCTCTTCAGGAATTTGGTAAGCTCGATAAATGTTTGT  $\tt CCAGATACGGTACGCGCTTCGAGTTTAATAATGAAAAGCAAGTTATATTTTCCAGTGATGTCAATAACGAAGATACTTTC$ GTTATTTTAGAGGGAGTTATCTCTCTGCGTAGAGAAAACGTACTTATCGGTATTACCCAGGCTCCTTATATTATGGG GCTGGCTGATGGTTTAATGAAAAACGATATACCATACAAATTAATATCAGAAGGAAATTGTACGGGATATCATCTACCAG  $\tt CCAAACAAACCATTACGCTTATTGAACAAAATCAACTCTGGCGAGACGCTTTTTACTGGTTAGCCTGGCAAAATAGAATT$  $\tt CTGGAATTACGCGACGTGCAGCTCATTGGGCATAATTCCTACGAACAATCCGCGCAACATTATTATCAATGATTGACTG$ GAATGAAGAATTGCGATCACGTATTGGTGTGATGAATTATATCCATCAACGTACACGCATATCGCGTTCTGTCGTCGCAG AAGTTCTCGCTGCTTTGCGTAAAGGCGGCTATATCGAAATGAATAAAGGCAAACTGGTCGCTATCAACCGTTTGCCTTCA GAGTATTAATCAGGACGCGGGGATAACCAACGGTTTATTCCCGCTTAGCTCGGTCACCAGGTCATTGATGCCATCGCTCA TATTTTTAAAGCGCGTCAACGGCGAACGAGTGACCACCACAAACGCGCCAATATTCTTCTGCGGGATCATCGCCATATAG GTAATGAAACCGCCACCACCGCCTGTCTTCTGAATAATCCCCGGACGACCCTCTTTCGGGGCCATATATACCCAACCTAA TGCGATCTGCCTGGTTACTGCGCTGATAAAAATCAGATGACAAATACTGCTGCATCCAGCGCATCATATCGCCAGGCGTG GAATAGACGCCGCCGCTGCCAATTGCCGCCAGCGTGTTATTGCACGGACTGGCACCGCGCTCAGCAACCATTAAACGGCG GCACTGATCCGGTGAGGGGGTGTAGGTGTCTTTCATCCCCAATGGACGGGTAATCTGCTCTTCAAACAACTGGGTAT GCGGCTTTCAGCTTCGCCGTAGAAAGGTATTTCCAGCGTTGCTCGCGCGTTGGCCAGACAAACACCGGACGATGTGCCGC GCCACCGGGCTGTTCACGGGGCAGGGCGCTGGTATGGGTTGCCAGATTGACCAGCGTAATGGGCGTCCCATTGTAGGTTG GCACGCGTGCGCCTGGCGGAGCATATTTACTTAGCGGATCGTTTAACTTCACGGTCCCCTGGTCGAGCAATTTCACCAGC ATCTCACTGGTCATTAGCTTGGTGAGGGAAGCAATACGCACGACCGAATCCAGCTGCGGGCGAACGTTATTACCAGGTCG CGTTTCGCCATAACTGCGAAAGACGCGCTGGTTACCGTCGATAACAACCAGAGCCATCCCCGTGGCACCGCTGCCGTAAA AAATATGATCGCCATAACGATCGACAATATCAGAGGCAAACTCCGGTTCAGTGATCGGCTGCCCCCATGGACGGAGGTC AGCGTATTTATACTACTCATTGATAGATTGCAAAGGGCGAATTAGTGCAATAATAGTGTTAAAAAACGTAACGGCGCGTAA ACACGATCTTTTTCCTGCTCACCAATGCCTGCATTTTGTGATCCTGCGCGTGTTAATCCGCTTATGTAAACAATCTTTGGT  TTTGGCTGACGCTTTGTAGCGGTCATGCGGTTAATACACAGCAGTTGTTAAAACGATAAGAAGTTAGCAGGAGTGCATAT TTGGATTTCCTGATTTTTTACGCTTACTACATTGTTTGCGTAGGACTTTTTTGCATTGTTCTGGTTTATCTACAGCCCGCATCAACGCCTGGTATGCGCCGTTCTATGATCTGATTCAAACCGCGCTAAGTTCGCCGCATAAAGTCACCATCGAACAATTT  $\tt CTACGTGTTCCGCTGCGTACAGCGATGAACGAATATTACATGGCGAACTGCCAACAACTGCGTCATATCGAAGGGGCCG$ CACAGCGTGTGCAGGAAGACACCATGCGTTTTGCTTCAACGCTGGAGAATATGGGCCGTCAGTTTTATCAACGCCATCATG ACGTTGATCGCCTTCCTGCCGGTGCTGGTAACGCTCTCCGCGCATGTGCCGGAGCTGCCGATTATCGGGCACATTCCGTA TGGTCTGGTGATTGCCGCAATCGTCTGGTCGCTGATGGGGACCGGATTGCTGGCAGTGGTAGGGATCAAACTGCCGGGGC  $\tt CCGCCTACGGTACGCGAGCTGTTTAGCGCCGTACGGAAAAACTATTTCCGCCTCTATTTTCACTATATGTATTTCAACAT$  ${\tt CGCCCGCATTCTCTATTTGCAGGTCGATAACGTTTTCGGTTTGTTCTTGCTGTTTCCGTCAATTGTTGCCGGTACGATTA}$ ACACTGGTTGAGTTGATGTCTACCAAACGTCTGCGCAGCTTTGAACATGAGCTGGATGGTGACAAAATTCAGGAAGT AACCCATACCTTGAGCTAAAAAGGAGAAGTAATGTCGCGCGTCAATCCTCTATCTTCGCTGTCATTGTTGGCGGTTCTGG GCTTAAGCAAGATCGCCTGGCAAGAGATTGACCGTCGTGCTGAACGGATGCACATTCCTGCTTTTCTGGTTCATACCGCG CTAAAAATCAAATCGCCAAACGGCAAAAGTTATAGCGAACGGTTAGATTCGGTGCGTACAGAAAAGCAATTGAGCGCGAT TTTTGACGATCTGATCAACATGGTGCCAATGGGGCAGACGCTGTTTTGGTTCGCTCAATCCGGTGCGCACCGGTGGGCCGA TGCAGGTCAGCATTGCTTTTGCCGAACAGCATACCAAAGGGTATCCGTGGAAAATGGACGGTACAGTCCGTCAGGAAGTC TTCAGTCGCCGCGGGGTTGTGGTTTTGGTACTTACCATTTACTGAATTATCCCGCCAGTTATAGCGCACCGATATACCG TTTTGCTGATTTTAACGCTGGCTGGTACGCCAGCCGTAATGCCGCGTTTCAGAACGCGGTCAGTAAGGCCAGCGGCGTGA GCAAAACTGGGGATGAGCGACAGTCGCCGTCAGTTAGAGAAAGGTGACAGCTTCTCTTTTGAGGAGACGCCCT GTACAAGAAAGTTTATCAACTTGCCGAAACGAAAACGGGTAAATCACTCCCCCGCGAAATGTTGCCTGGCATTCAACTGG CAGTGATCAAACAGGAATGTCAGGCCAGATAAGGCGTTTCAGGCCGCATCTGACAATGTAAAACTTACTGGCGGCGATGT CGCCAGTGCAGCCATAGCGCCACCACTGCAAAAATGAGGCAGCCTACTAAAAACGGGATCAGCCCGAAAATGGTGCCGAC ACCTAAACCAATTTCCACCCGTGGGCGACCTGTTTCCTGGACCTGCATTAAACGCTCATAGACGCCGGGCGCATGCACTA GCATTGCGATATTTTCCGCTAAACAGCGATTTTGACAGGGTGAAATCAGCCATAAAAACCTCCGGAAGTCATCTGCTTCT CTTCTGGTGTGATACCAGCGGCTTATGGCAAGTCTGACAGGTCATTTAGATTGTCAATATCAGAATCATGGTAAATTGAT GTTGGGAATATTCCCGAAGCGTGAATCTTCGTTGTGAGTCACAAAATGGCAACCTTAAGTTAAATTTATTAACAATTACG  ${\tt AAAATGTTGTCTACACCACAGACGGTTGTTGCAGAATATGCAAGGATGTTGTTTTTCGTTAACGGAGCTGCCATGAATCT}$ TTGATTATTCGTCGTCGCGATGAAGAACTGAAAACGCCCAATAAGAATATTATCGGGCGTTAAAATATTACATTGTGGT TCTGGGGTTAAAAACCCGTCTACACGCCCATGCCTGCGCATCCCAACGTTTGATAAGCCTGAACGCCAATCGCCCGGAT TCACGACCTTTGATCCCTTGCTCAACGATCACTTTATGATCGAACTCGAACGCCAGATCGACGGCAATTGCGTACTGTTC TTCACTGGTTACTTTGCTGACACCAACAGAAGAGCCCTGATTAGCCGGTTTTACAAACAGTGGTAACCCCAGTTTAGACT  ${\tt CCGCAGCATTCCCTGCAAGGAACCATCTTCGCCCAGCGTACCGTGGACAATCGGGAAAATGACATCCACCGTCGGCAACG}$ GCTGACCGTTTTGCGCGTCGATAAGCTGATGCTCATGTTTACCTGGCACCTGCGCAAGGCTGGTCGCCGAAGGGCGCAAC  ${\tt GCAATATGGGCAGGATCGTCTGCATTTAGCAGATAATTGCTGGCATCGCTGACGTGCCATTGCCCTTGTTTATCAATGCC}$ CTGATTTACCACCAAAAACGATTCCTACCCGCAGTTTTTCCATCTTAAAAACCTATCCCGTCTAACAAAGTGCATACA TTACCACGACAAAACGGGGGATTCGCGGCCTTCTGAAAGATTGTTGCAATCTTCTGCTGACAAAGCGTGCAACGTACTGG TGAAGAAAGTGCGTTATCTCAAAGATGTGCGCAAGATCACAAAAATGATGAACGGGAAGCTAATTTATTCCTGGCTTAAA TTTGCGCAAAGTATTTCCTTTGTCATAAAAATAATACTTCCAGACACTATGAAGTTGTGAAACATAATGTTAACTTCTCC  ${\tt CGAAAGAACTGTGTGCGCAGGTAGAAGCTTTGGAGATTATCGTCACTGCAATGCTTCGCAATATGGCGCAAAATGACCAA}$ GCTGCGCGATTACGTAAAGAAGTTATTGAAGCATCCTCGTCAGTAAAAAGTTAATCTTTTCAACAGCTGTCATAAAGTTG TCACGGCCGAGACTTATAGTCGCTTTGTTTTTATTTTTAATGTATTTGTACATGGAGAAAAAAAGTGAAACAAAGCAC TATTGCACTGGCACTCTTACCGTTACTGTTTACCCCTGTGACAAAAGCCCGGACACCAGAAATGCCTGTTCTGGAAAACC GGGCTGCTCAGGGCGATATTACTGCACCCGGCGGTGCTCGCCGTTTAACGGGTGATCAGACTGCCGCTCTGCGTGATTCT  $\tt CTTAGCGATAAACCTGCAAAAAATATTATTTTGCTGATTGGCGATGGGGTGGGGGACTCGGAAATTACTGCCGCACGTAA$ ATAAAAAACCGGCAAACCGGACTACGTCACCGACTCGGCTGCATCAGCAACCGCCTGGTCAACCGGTGTCAAAACCTAT CGGTAACGTTTCTACCGCAGAGTTGCAGGATGCCACGCCCGCTGCGCTGGTGGCACATGTGACCTCGCGCAAATGCTACG GTCCGAGCGCGACCAGTGAAAAATGTCCGGGTAACGCTCTGGAAAAAGGCGGAAAAGGATCGATTACCGAACAGCTGCTT ATCAGCAAAAACCCCTGCTTGGCCTGTTTGCTGACGGCAATATGCCAGTGCGCTAGGACCGAAAGCAACGTACCAT GGCAATATCGATAAGCCCGCAGTCACCTGTACGCCAAATCCGCAACGTAATGACAGTGTACCAACCCTGGCGCAGATGAC
CGACAAAGCCATTGAATTGTTGAGTAAAAATGAGAAAGGCTTTTTCCTGCAAGTTGAAGGTGCGTCAATCGATAAACAGG ATCATGCTGCGAATCCTTGTGGGCAAATTGGCGAGACGGTCGATCTCGATGAAGCCGTACAACGGGCCGTGGAATTCGCTAAAAAGGAGGTAACACGCTGGTCATAGTCACCGCTGATCACGCCCACGCCAGATTGTTGCGCCGGATACCAAAGC TCCGGGCCTCACCCAGGCGCTAAATACCAAAGATGGCGCAGTGATGGTGATGAGTTACGGGAACTCCGAAGAGGATTCAC GATCTCTTCTACACCATGAAAGCCGCTCTGGGGCTGAAATAAAACCGCGCCCGGCAGTGAATTTTCGCTGCCGGGTGGTT TTTTTGCTGTTAGCAACCAGACTTAATGGCAGATCACGGGCGCATACGCTCATGGTTAAAACATGAAGAGGGATGGTGCT ATGAAAATAACATTACTGGTTACCTTGCTTTTCGGTCTGGTTTTTTTAACCACCGTCGGCGCTGCCGAGAGAACTTTAAC  ${\tt CCCACAACAACAGCGTATGACCTCCTGTAATCAGCAGGCGACGGCGCGCGGCGTTGAAAGGGGGATGCTCGTAAGACCTACA}$ TGAGTGATTGCCTGAAGAACAGCAAGTCTGCGCCTGGCGAAAAAAGTTTGACGCCACAGCAGCAAAAGATGCGCGAATGC ATACCTGATAGTGCTAACGGGTGAGCTACGAAAATGGCTCACCCGAAATATCATACTTCTGCCTTTAGCTCCGTCTCTAT AGGAACCTCCTTTAACTCCTCAAAACGAACATCAGCGGTCCGGGCTGCGCTTCGCCCGTCGCGTCAGACTACCCCGTGCG GTTGGCCTGGCTGGCATGTTCTTACCGATTGCTTCAACGCTGGTTTCACACCCGCCGCCGCGGGCTGGTGGTGGTGTTT GGTCGGCTGGGCGTTCGTCTGGCCGCATTTAGCCTGGCAGATAGCGAGCAGGGCCGTCGATCCGCTTAGCCGGGAAATTT ACAACTTAAAAACCGATGCAGTATTAGCGGGAATGTGGGTAGGCGTAATGGGCCTAAACGTGCTGCCTTCCACCGCGATG  TTATTGTCATTTATCCTCTGCTGTTTTGGCTGGGTCAGCTACCAGACGGCAACCAAACTGGCGGAACATAAACGCAGGTTG TAACTGTCGGCGGCATAATCGCGATGCAACGTTACTGATTATCGATATCGACCATTTCAAGAGCATCAACGATACCTGGG GCCATGATGTGGGCGATGAAGCGATTGTGGCGCTTACCCGACAGTTACAAATTACCCTGCGCGGTAGCGATGTGATTGGT  $\tt CGGTTTGGCGGCGATGAGTTTGCAGTAATCATGTCCGGTACGCCAGCTGAGAGCGCCATTACCGCCATGTTACGGGTGCAGTTTGCAGTTACGGGTGCAGTTTGCAGTTTGCAGTTGAGTTGCAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTTGAGTGAGTTGAGTGAGTTGAGTTGAGTTGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTG$ TGAAGGGCTAAATACATTACGTTTGCCGAATACGCCACAGGTAACTTTACGGATTAGTGTGGGGGTTGCGCCGCTGAACC GCTTCGATCACTGCAGCACGGAAGCCTTTCTCTTCCAGTACGCGTACCGCTTCAATGGTGGTGCCTCCCGGTGAGCAGAC  $\tt CATATCTTTCAGTGCCCCCGGATGTTCTCCCGTTTCCAGCACCATTTTTGCGGAACCCATTACCGCCTGAGCGGCAAATT$ TATACGCCTGGGCGTGGCATCCCGCCCAGCACGCGCGGCGTCGCCATCGCTTCGATAAACATAAATACGTAGGCTGGC GAAGAACCGCTCACACCGACCACCGGGTGGATCATCGGCTCAGCAATTACTTCCGCCTCGCCAAAGCAGCGGAAAATATT GAAACGACCAGAGAGTCTTTATTCAGGCTGGAGGTGATTTCGCTAAGCACTTTAATCATGATGCCAGGTTTAACGGCAGC AAAAATGATGTCGGCGATTTGCGCCACTTCTTGCGCCGATTCTGCGGCGTTGATGCCGAACTGGTCATGCAGGGCGGCGA TTTCCCATATTGCCGCAGCCAATAAAACCGATTTTCTTTTCCATTGCCTCACTCCTGCCGTGAAATTCATTGTTTTGATA ATCGCTGGCAGAAGCATAAACAGAACTATGCCGGAAGGCAAAAGCGCGACACAATAGAGGATTACCCAACAAAGGATGAC TTTATGACAATTTGGGTGGATGCCGACGCGTGTCCCAATGTAATTAAAGAGATTTTGTATCGCGCGGCGGAACGTATGCA GATGCCGCTGGTACTGGTAGCAAACCAGAGTTTACGCGTGCCGCCATCGCGATTTATTCGTACGCTGCGCGTCGCGGCAG GTTTCGACGTTGCCGATAACGAAATTGTCCGGCAGTGTGAAGCGGGCGATTTGGTGATCACCGCAGATATACCTTTGGCT GACGATGCGCGATTTTATGGATACCTTACGTGCCAGTGGGATCCAGACCGGCGGACCAGATAGCCTTTCACAACGTGACC GCCAGGCCTTTGCCGCGGAGCTGGAGAAGTGGTGGCTGGAAGTGCAACGTAGTCGTGGCTAAATGTAATTTATTATTAC  ${\tt ACTTCATTCTTGAATATTTATTGGTATAGTAAGGGGTGTATTGAGATTTTCACTTTAAGTGGAATTTTTCTTTACAATC}$ GAAATTGTACTAGTTTGATGGTATGATCGCTATTCTCATGACACCGGCTTTCGCCGCATTGCGACCTATTGGGGAAAACC TTAACCGTCGGTTTGTCGATACCGATCAGTGGTTGCAATCACAGCTCAATATGACGGTCGCGGAGATCGTCGAAAGGGAA GAGTGGGCGGGATTTCGCGCCAGAGAAACGGCGGCGCTGGAAGCGGTAACTGCGCCATCCACCGTTATCGCTACAGGCGG TCCTGGTTAACCGACTGCAAGCTGCACCGGAAGAAGATTTACGGCCAACCTTAACGGGAAAAACCGCTGAGCGAAGAAGTT GGTGATTTCTGAAATTCGCAGCGCCCTGGCACAGACGATCAATTGTTGATTTTCGAGCGCCCTATACTTAACGTTCATCCC GTGAAATAAGGAAGAACGATGCCAACGAAACCGCCTTATCCTCGTGAAGCATATATAGTGACGATTGAAAAAGGAAAGCC  ${\tt AGGACAGACGGTAACCTGGTACCAACTCAGAGCCGATCATCCTAAACCAGACTCGTTGATCAGTGAACATCCGACCGCTC}$ AGGAAGCGATGGATGCGAAAAAACGCTATGAGGACCCTGACAAAGAGTGACCGCATCAGACTGCTCGGAAGGGATTCTGA GTGCCACTACAAGGGATCTGCGTCACATTTTTCATAATTCATGTTTTTCTAATAATTAGAATATTAAACAATAACAATCC ATTACTGGAATCATTTGGAATCTTTACATTATGCCGTGCACGTCTGCTGCTACGCTTTTTGTCATTTGTAGCACAAGTAA TGGCGATCCTGACCATCGGCATTGTACCTATGCAGGAAGTTTTGCCGCTCCTGACGGAATACATTGACGAAGATAATATT  ${\tt TCCCATCATAGCCTGCTGGGGAAGTTAAGTCGTGAAGAAGTGATGGCGGAGTACGCCCAGAAGCAGGCGAAGACACCAT}$ TCTCACATTATTAAATGACAACCAGCTGGCCCATGTTTCGCGTCGCAAAGTGGAGCCTGCCAAGGTGTGGTTGAAG TGCTCGATAATCAGGGTTATGACGTCATTTTATTAATGAGTACAGCAAACATTAGTAGTATGACTGCGCGTAATACGATC TGAGGAGATGCTGCCCGTTCAGGCGCAAAAATGGCAAATTTTGCAGAAATCGCCGGTATTTTCATTGGGTAACCCCATTC ATGATTCAGAACAAAAATCATTGATGCCGGGAAAGAATTACTGGCAAAAGGGGCTGATGTCATCATGCTGGATTGTTTA  TCACAGTGAGTTTCATCTGCAAGTTGCCGAACCCACCTCTTATCTGTGCCGCTATCTGTAATTCCTCGCCTTCCCCTTGA ACGGGAGGCATTTTTCTGAAATATCCTTTCTTTAGCCCATAATAATATTTCCTTTGCTGCGATTTTTTCAATTTCCGAT ATATTCATAATTTATCAAGGTTGATATAAATATCAGTGAAGATCTCCAGATATTGTTGCGGAACTGGCTACGATAAAAGA TAAATCAGATGATGATGGTGGCGTGCATTGCTGCAAAGTCGCAATGATCATTTACGCCAAACGGCATTGCGCAACGCAC GATGTGAAAACGGCGTGGTTAAAAGAGGATCCATCATTACTCTTATTTGTCGAACACCCGATCTTTCGCTGTTACGTGA TTTAGTGAAAACCGGGGCAACGCGGAAAATTCGCAGTGAAGCGCGTCACCGGCTTGAGGAAAAACAATGACACAACGTCC ATGGAGCAAGTTACAGCGTAAAACGCATAATATTGCTGCGCTAAAAATTATTGCTCGCCGTAGCGAATAATTATATGCCT GGTGTGGCTTCGTACGCCGGATAAGACGCGGCAGGCGTCGCATCCGGCATTAAAGGAAAATCAGCAATTAACGTTGTGCT TCGCCACCTAATCCTTCAATCAGGTTTTGAATTAACGCTGCCAGTTCACCAGTCATCAGGATGAAATCGGCATCAAAACG  $\tt CTGGGCGAAATCTTCACGGTCGATATCTTCGTTTTGATCGCGCAGCTCGTCGCAGAACTTCAGACGCTTGAGCGAACCAT$ CGTCGCACATCACAAACTGAATGCGCTGCCGCTGCCAGTCGAGCGCCCAGTTTAGTCACCACTTTTCCGGCCTCAATGTGATTG GTGATCTCTTCGCTGGTCAGATCTTGTTTCTTCGCGCGGGATCACGCCGCCATCTTCCAGCAACGATTTCAGCTCGGCTTC ATCAAGCAGCTGGAAGCCCTGTGCCGCACTACCGGAGCGAACCCATTCGGTCAGCGTCAGTTCAATCGGGTTTTCCATGC TCAATGGTACAACCGGTAACGACCCCAGGCTTTTACGCAGTAATGCCAGCGTATCTTCCGCTTTTTTGGCACTGGCGCAG TCCACCATAATCAAACCGTTAACCGTGTCGATCCACATCATTGTCTGGCTAAAACCGCTGAAAGCACGCGGCAGCAGAGA GTGCAGCACTTCGTCTTTCAGCGAATCTTTTTCGGTTTTCTTCAGCTTACGCGCCTGTTCCGCTTCCAGTTTGGCGATTT GCAACGTGCGTTAACGCATCGCTGTGCGATCCCATCGGAGGAACCCAGCCCATCTTCGCCATGTCCTGGCTGCCGCATGG GGTAAATGCCATCGAGGCTAGCTGTTTTTCCATCTCTTCTGCACGCAGCGAAATCTCGCGGCTAAGACGGTAAACCATTA AATTTTTGAACCACAGCATGATAATTTCCACGGCCTTGTCGTTAAATTTAGCGGGCATGATAACGAATTGTCGGCGGCCCT TTTAGGCGGCACCAAAACTGAAGTGATTGCACTGGGCGATGCAGGGGAGCAGTTGTACCGCCATCGTCTGCCCACGCCGC GTAGGTATGGCCATTCCTGGCTCAATTTCGCCTTACACCGGTGTGGTGAAGAATGCCAATTCAACCTGGCTCAACGGTCA GCCATTCGATAAAGACTTAAGCGCGAGGTTGCAGCGGGAAGTGCGGCTGGCAAATGACGCTAACTGTCTGGCGGTTTCAG AAGCAGTAGATGGCGCGCAGCGGGAGCGCAGACGGTATTTGCCGTGATTATCGGCACGGGATGCGGCGCGGGCGTGGCA  $\tt CGAACTGCGTTATCGCGAGGAAGTCCCTTGTTATTGCGGTAAACAAGGTTGTATTGAAACCTTTATTTCGGGCACGGGAT$  ${\tt TCGCGATGGATTATCGTCGTTTGAGCGGACATGCGCTGAAAGGCAGTGAAATTATCCGCCTGGTTGAAGAAAGCGATCCG}$ GTAGCGGAACTGGCATTGCGTCGCTACGAGCTGCGGCTAGCAAAATCGCTGGCACATGTCGTGAATATTCTCGATCCGGA TGTGATTGTCCTGGGGGGGGGGGATGAGCAATGTAGACCGTTTATATCAAACGGTTGGGCAGTTGATTAAACAATTTGTCT  ${\tt CCACAAGAGTAAAAAACGTAGGCAATTGGCGCATCATGCCTGATGCGACGCTTGCCGCGTCTTATCAGGCCTACAAAAGG}$ TGCCAGAACCGTAGGCCGGATAAGGCGTTCACGCCGCATCCGGCAATAAGTGCTCCGATGCCTGATGCGACGCTTGCCGC GTCTTATCAGGCCTGCAAAATGTGCCAGAACCGCGTAGGGCGGATAAGGCGTTCACGCCGCATCCGGCAATAAGTAATGA GCACCGAGACTATAACCTACCCCAGTGGTTTCGCCAGCACCGGAGTATCCGCCGCTTGCTGGCGCTTATAGCGACCATAC CATCATACCTCCGCAATATGCGCCGACGGCGCTACCGAGGTTAAACGCTATTTGCCCACCTGCGGCACCTAATAACTCTC  $\tt CGCCTTTGGCGTTTTGTAGTAACAATATTTGTAGCGGTGCTGAAAGGGCAAATAATCCCGCGCAACAAATAAAAGCAAAA$ AATGCGCAGTGGTGAATAACGTCCTGAAATCCTGCCACTTAGCATATTTCCCAGCACCATCCCTAGCCCAACTAACATCA TAATAAAGGTCATCGCCGTTTCCGAAAAACCGGAAATAAACATCATGTATGGCTTTACGTAGCTGAACCAGGCAAACACA  TCCTTTCGCCTCGCCGAATATCTGGCACCCAAAAATAGACCGATGCCATCACCGCAATATTAAAAACAGCGATCAATA AAAAGGTGTAACGCCAGCTAAATTCCTGACTTAAATACGTTCCCAGCGGAATGCCCAGCAAATTGGCGACTGTCATCCCG GAAACCATCCCGCCACGGCGGCGGTGACTTTTCCGGGTTTGATAATTTTTGATAACACGATCGCTCCGACGCCAAAAAA TGCGCCATGCGGAAAGCCGGATACCAGCCGACCAATGGCGAGCATCAGGTAAGACGAAGAGAGGCGTGAACATGGCGTTGC  ${\tt CCGACCACCCCCCAGTGCATAATACGAGATCATATGCCCGGCGGCAGGAATCGAAATTCCTACGTTATGCGCCAGCTC}$ CGTGAGCACGCCCATAATGCCAAATTCGGCCATCCCCAAACCAAACGTGCCCAGAGCCAAAGATAAAATGACTTTTTTCA TACCACCATCACAACCACCAGAACGGCTACCAATCACCGTAGCCAATAAAGTGATAGCTTGCAGGATAACGACCAGCAAG GCCAAGAGATAATTCGCCCCTCTGTATTCATTATCCTGCTGAATAGTTATTTCACTGCAAACGTACTTTCCAGTTTGCTG TAGCCCAGGCCGTTGATCTTTTCACTTTGATCTGCACCGGAATACGCTCTTTCATCGCTTCTACGTGGCTAATCACACC GATGGTTTTGCCACTGGCGTTCAGGGCATCCAGCGCATCAAGGGCGGTATCCAGCGTTTCGCTATCCAGCGTGCCAAAAC  $\tt CGCCTCGCTGGCTTTGCGCTGTAACAGATAGCGCCCGTGCAGCCGGGTAAGTTGCTGATTAGCGAGATGGACTAAATTAT$  $\tt CCAGCGTCAGCCCTGGGCAAACTTGCGGAATTTATCGCCCTCTTTGGAACCTATTAGCGAATTCAGATATCCCCAGTCC$ TCAACCTGCTGCGTCATTTGAGCAATTTGCTGCATTAAGGTTTGTTGTTGCTGACGGTTATCTGCATCCTGCTTCAGCTG  $\tt
CCGTCACAGTGAGAGCCAACCCGTCGTCAGGTCGGTGTTGTTGATGCTGTGCCAGCGTTTCTGCTGTCTGAGTGACCAGA$  $\tt CGCAAGGAACGCCTGCTGATCGTCAAAGACGCTGGCCTGTAGCGCGGTGTCAAACTGCGCCTGGGCTTTTTGCAGACTTT$ GCGCCGCCAGAACATCCTGTTGCTGTAACGTCTGCTGCTGGTGTAATGCGAGACATTGTTCATGTACCTGCCGCCAG TTTTCCAATACCACAGTTTCTTCGCAGTGCGGGAGTTCATCACTTTGCGGCAACGTTTCCAGAATCGGCGTCAGCTGCTG TCTCTTCTTCATCTTCCTGTGGCAATGTCAGTGCATAACCCGTCAATGTCGTTAAAAGTAGTTGCTGGCGTTGTTCAATT TGCTGTTGATACTGGATAATTTGCTGATTATGCGCGGCAATCTGCCCTTGTAATTCATGCCGTTGGCTGAGTAACCGCAG TGACGGCTTGCCATTGTTGAGTAAGTGCTTGCTCATCTTGTCGGAGGCTTTGCGCTTTCATCACGCTGAAGCTGC TTTGTTATGGCGTCCAGTTGCCCACGTAGCGTCGCACCTTCTTCACCGAGCTTTTTAACTTCGTTTTCCAGCGCCAGTAA TCGAGACTGATTAACGCCAGGCTCCAGCGCCTGATACGCCTCGACCGCCGGGTGGCTGGTGGAACCACAAAGTGGGCAAG GCTGACCCGCCTGTAACTGTGCACGTTGAGCTTCCAGCGTTTTGATGCGCGCTTCCTGCTCGCAAATGGTTTTCACATCG ATTCTGGATAGCGACCTGTAACTGCGCCAGACGTTTTTGTTGGGGAACAATCTGTCCATGCAGCGCGACCAGGTGCTGAC GCAGTGGCGTTGCTCAGCATGTTGCGCCAGGGCGGTAGCAACTTCATCGGCGGTTAACGTCAACGTGATCGCCGCAAGC GCATTAAGTTTTTGCTCAGCATGGGTTAACTGTTGCTGCCATTGCCGCAGATGCTCGCGATCGCTGGTTTGTTGGGAGAA  $\tt CTGCGCACCCCGCCGGTTCGTTGTTCCACTGACGGAAGCGGTCGTGTTCCTGTAACCAGGTATTCAGGCTTTGTT$ GCTGCTGTTAATTCTGCTGACTGCTTCGCCGCGTGGTGGCGAATGCTCGCGCGAAGCGCCATTGTGCTCTGTAAGCGA GTATTTACTTCTTCAATCTGCTGGCGAATATGCGCCAGCGCCGCGCTGTGTTCTGCGATGCGTTCCCAGTGTGGACGAAG ATTTCGTGCCGGTTGTGCCAGACTAAGCGCCGCCAGTTGAGGTTGCGCTTTTTCTTCTTCGGCTAACGCCTGTTGCAAGG GCGGTAATTAACTGTTTTTCTTCGTCAGTAAGTACCTGCAAACTCGCTGTCAGCGATTGCACTTGTTCCGGCGTGAGCAA CGTGACGCCGCTGGCCTTGCAGCTTCTCCAGCTCTGTGCGGGCCGATTTGTGCTGCTCAAAAACCATCGCCGAGA  ${\tt AATTGCCCCTGCGAAGCAGCATCGAACGGGTGAAGCGCCCGTAATCCAGCCCGGTTAACGTCGCTGTCAGTTCCAGCTTCAGCTTCCAGCTTCAGCTTCAGCTTCCAGCTTC$ ATCTTTCACTTTGTCGGCGAGAATTTTGCCGTCGGCGCAGCGCGCCAGCTCTACGCGTGGCACCTGCAAATTACCGTCGG GTTGGTTACGCGCCCGATTCTGGCTCCAGAATGCACGGTACGCTTCACCTTTCACTTCAAACTCCACCTCCGCCAGACAT TCGGCGGTATCGCGGGTCATGAGATCATTTTGCGATTGTGAAACGTTAGAGAGACGCGGAGTTTCGTGATACAGCGCCAG  $\tt CGCGGGTGAAATCAATCTTCCATTCGCCTTTTAATGAGTTCAGGTTTTTCAGGCGCAGGCTGAGAATTTTCATGCTTCGT$  GTTCTCCGGCGAGGGTATGCAACGTCGTGGTGAAAAGATGCTGCAGACGTTGCTGCCGATTCATCCAGTTCTTCCAGT  $\tt CTGTTCACGACTCCGACGTACCAGCAATACTTCGACAGGCAATGATTCGGTTAATGCCTGGATTTTGCGCTGAATATCAT$ GCAGATACTCATCAGTAGTGATTTCGATATCCAGCCAGACAGGTGGCTCCTGCGATACATCGCGCCACTGTTCCAGCTGT TTTGCCGTTTGAAAATGTCACCAGATGGACATATTTACTCTTACCGCATTCATCAAAACTCAGTGGAATGGGGGAGCCGC AATAGCGAACATGTTCCATGCCGCCAATAATCTGTGCGCGGTGAATATGCCCGAGCGCGATGTAGTCGGCTGGTGGAAAG ATGTCCCGTGGCGATGATGGCCAGAGGCTGATCGCCGCGCAGTTTGCAGGCATCGGCATAGTGTTGTTGGTAATAATCGG AACGGAATGGGGCACAGCACTGCGCCTGGCGTCCCGTCGCGACGAGGCAAGATTTGCGGCGCATGTCCGGCGCTGGCGAC TCGAAAACATCACCGGCAACAATAATCGCATCCACCTGATGGGTTTGTGCTGTCTCCAGCAGCCAGTCAAGAAAAGCCTG ATGTTCAGCTTCGCGGCTTTTACTGTAGAAGTTCTGGCCGAGATGCCAGTCTGAGGTGTGAAGGATGCGCATAACGGTTC  $\tt CCTGGCGAAAAAGCATGGGCGCGATTATACCCAAACAGATGTGCCATTTGCTTTTTTCTGCGCCACGGAAATCAATAACC$ TGAAGATATGTGCGACGACCTTTTCATAAATCTGTCATAAATCTGACGCATAATGACGTCGCATTAATGATCGCAACCTA TTTATTACAACAGGGCAAATCATGGCGAGACGTATTCTGGTCGTAGAAGATGAAGCTCCAATTCGCGAAATGGTCTGCTT  ${\tt CGGATTTAATTCTCCTCGACTGGATGTTACCTGGCGGCTCCGGTATCCAGTTCATCAAACACCTCAAGCGCGAGTCGATG}$ ACCCGGGATATTCCAGTGGTGATGTTGACCGCCAGAGGGGAAGAAGATCGCGTGCGCGCCTTGAAACCGGCGCGGA TGACTATATCACCAAGCCGTTTTCGCCGAAGGAGCTGGTGGCGCGAATCAAAGCGGTAATGCGCCGTATTTCGCCAATGG GAGATGGGGCCGACAGAATTTAAACTGCTGCACTTTTTTATGACGCATCCTGAGCGCGTGTACAGCCGCGAGCAGCTGTT AAACCACGTCTGGGGAACTAACGTGTATGTGGAAGACCGCACGGTCGATGTCCACATTCGTCGCCTGCGTAAAGCACTGG TGAACTGGGCAATCTGATTAAACGCTTTCGTAGCGGCGCGGAGTCGCCCGACGCGGTGGTGCTGACCACGGAAGAG GCGGTATTTTCTGGTGTAACGGTCTGGCGCAACAATTCTTGGTTTTGCGCTGGCCGGAAGATAACGGGCAGAACATCCTT AACCTACTGCGTTACCCGGAGTTTACGCAATATCTGAAAACGCGTGATTTTTCTCGCCCGCTCAATCTGGTGCTCAACAC  $\tt CGGGCGGCATCTGGAAATTCGCGTCATGCCTTATACCCACAAACAGTTGCTGATGGTGGCGCGTGATGTCACGCAAATGC$ TACCTGGAGATGATGAGTGAGCCGCTGGAAGGCGCGGTACGCGAAAAAGCGTTGCACACCATGCGCGAGCAGACCCA GCGGATGGAAGGACTGGTGAAGCAATTGCTGACGCTGTCGAAAAATAGAAGCCGCACCGACGCATTTGCTCAATGAAAAGG TTGATGTGCCGATGATGCTGCGCGTTGTTGAGCGCGCGAGGCTCAGACTCTGAGTCAGAAAAAACAGACATTTACCTTTGAG ATAGATAACGCCTCAAGGTGTCTGGCAACGAAGATCAGCTACGCAGTGCGATTTCGAACCTGGTCTATAACGCCGTGAA TCATACGCCGGAAGGCACGCATATCACCGTACGCTGGCAGCGAGTGCCGCACGGTGCCGAATTTAGCGTTGAAGATAACG GACCGGGCATTGCACCGGAGCATATTCCGCGCCTGACCGAGCGTTTTTATCGCGTTGATAAAGCGCGTTCCCGGCAAACC  ${\tt AGGAAAAGGAACACGTTTCAGTTTTGTTATCCCGGAACGTTTAATTGCCAAAAACCGCGATTAATCCGCCTTTGTCATCT}$ TTTATTGCCATAAGCCAGTCGATGCTGGCTTATTTTCTTTGCAGTCAAAATACGGGCGTTAGATTTTACAACGATTGGTG CATTAACGCGGTAAATCGAAAAACTATTCTTCGCCGCGCCTGGTTGGGAGTATTTCCCGCTAAAATTGTTTAAATATACC GCTGTATCATCCCCAGGGATTGGCACAAAAATTTAACGTTACAACACCACATCCACAGGCAGTATGATTTATGACCCATC AATTAAGATCGCGCGATATCATCGCTCTGGGCTTTATGACATTTGCGTTGTTCGTCGGCGCAGGTAACATTATTTTCCCT ATTAACGGTAGTGGCGCTGGCAAAAGTTGGCGGCGGTGTTGACAGCCTCAGCACGCCAATCGGTAAAGTCGCTGGCGTAC ATTGCGCCGCTGACGGGTGATTCCGCGCTGCTGCTGTTTATCTACAGCCTGGTCTATTTCGCTATCGTTATTCTGGTTTC GCTCTATCCGGGCAAGCTGCTGGATACCGTGGGCAACTTCCTTGCGCCGCTGAAAATTATCGCGCTGGTCATCCTGTCTG TTGCCGCTATTGTCTGGCCGGCGGGTTCTATCAGCACGGCGACTGAGGCTTATCAAAACGCTGCGTTTTCTAACGGCTTC GTTAACGGCTATCTGACCATGGATACGCTGGGCGCAATGGTGTTTGGTATCGTTATTGTTAACGCGGCGCGTTCTCGTGG CGTTACCGAAGCGCGTCTGCTGACCCGTTATACCGTCTGGGCTGGCCTGATGGCGGGTGTTGGTCTGACTCTGCTGTACC TCTCGATGGTGGTTTCTAACCTCGGCTTAAGCCAGCTGATCCAGATCTCCGTACCGGTGCTGACCGCTATTTATCCGCCG TGTATCGCACTGGTTGTATTAAGTTTTACACGCTCATGGTGGCATAATTCGTCCCGCGTGATTGCTCCGCCGATGTTTAT CGCTGGCCGAACAGGTCTGGCGTGGTTAATGCCAACAGTGGTGATGGTGGTTCTGGCCATTATCTGGGATCGCGCGCA GGTCGTCAGGTGACCTCCAGCGCTCACTAAATCACTGAACATTTGTTTTAACCACGGGGCTGCGATGCCCCGTGGTTTTT TATTGTGTTGATGGGTTAGGAATTGATGGAAAGTAAGAACAAGCTAAAGCGTGGGCTAAGTACCCGCCACATACGCTTTA TGGCACTGGGTTCAGCAATTGGCACCGGGCTGTTTTACGGTTCGGCAGACGCCATCAAAATGGCCGGTCCGAGCGTGTTG TCCTTATTGTCGCCATCGCCGATGTGACCGCTTTTGGTATCTATATGGGTGTCTGGTTCCCGACGGTGCCGCACTGGATT CAAATGGTGATGTTTGCTTACGGTGGGATCGAAATTATCGGGATTACCGCCGGTGAAGCGAAAGATCCTGAGAAATCGAT GGCAGAGCAGGGCAGCGCCGAAAATTTTCAGCAAAACGTCGCGTCGCGTATTCCGTGGGTTACGGTGCTGGTGATGA TTCGCCACGGTGTGGGTTTTGATCCTGCTGTCGCAAATTGCCTTCCGTCGCCGTTTGCCGCCAGAAGAAGTTAA  $\tt TTGGTTATCACCCGGATACGCGTATCTCGCTGTATGTCGGTTTCGCGTGGATTGTTGTCTGTTGATTGGCTGGATGTTT$ AAACGCCGCCACGATCGTCAGCTGGCTGAAAACCAGTAATCCTTGCGTTCTGTAAGCCGGTTCAGGAGGAAATCCTGATC  ${\tt CGGCTATTCCGAAAGTTATCCGCCCCGTCCTCCCCCAAATATCCTTCAGATGATGAGTGATCCTGCATTAGGCTAT}$ GGCAAGGTGATCAGATTTTCATCACAGGGGAATTATGATGTTAAATGCATGGCACCTGCCGGTGCCCCCATTTGTTAAAC  ${\tt AAAGCAAAGATCAACTGCTCATTACACTGTGGCTGACGGGCGAAGACCCACCGCAGCGCATTATGCTGCGTACAGAACAC}$ GATAACGAAGAATGTCAGTACCGATGCATAAGCAGCGCAGTCAGCCGCAGCCTGGCGTCACCGCATGCCGTGCGGCGAT TGATCTCTCCAGCGGACAACCCCGGCGGCGTTACAGTTTCAAACTGCTGTGGCACGATCGCCAGCGTTGGTTTACACCGC AGGGCTTCAGCCGAATGCCGCCGGCACGACTGGAGCAGTTTGCCGTCGATGTACCGGATATCGGCCCACAATGGGCTGCG GATCAGATTTTTTATCAGATCTTCCCTGATCGTTTTTGCGCGTAGTCTTCCTCGTGAAGCTGAACAGGATCATGTCTATTA ATGGCGGCGATCTGGACGGGATAAGCGAAAAACTGCCGTATCTGAAAAAGCTTGGCGTGACAGCGCTGTATCTCAATCCG GTGTTTAAAGCTCCCAGCGTACATAAATACGATACCGAGGATTATCGCCATGTCGATCCGCAGTTTGGCGGTGATGGGGC GTTGCTGCGTTTGCGACACAATACGCAGCTGGGAATGCGGCTGGTGCTGGACGGCGTGTTTAACCACAGTGGCGATT  ${\tt CCCATGCCTGGTTTGACAGGCATAATCGTGGCACGGGTGGTGCTTGTCACAACCCCGAATCGCCCTGGCGGGACTGGTAC}$  ${\tt TCGTTTAGTGATGGCACGGCGCTCGACTGGCTATGCCAGCTTGCCGAAGCTGGATTATCAGTCGGAAAGTCT}$  GGTGAATGAAATTTATCGCGGGGAAGACAGTATTGTCCGCCACTGGCTGAAAGCGCCGTGGAATATGGACGGCTGGCGGC TGGATGTGGTGCATATGCTGGGGGGGGGGGGGGGGGGCGCAATAATATGCAGCACGTTGCCGGGATCACCGAAGCGGCG AAAGAAACCCAGCCGGAAGCGTATATTGTCGGCGAACATTTTGGCGATGCACGGCAATGGTTACAGGCCGATGTGGAAGA TGCCGCCATGAACTATCGTGGCTTCACATTCCCGTTGTGGGGATTTCTTGCCAATACCGATATCTCTTACGATCCGCAGC AAATTGATGCCCAAACCTGTATGGCCTGGATGGATAATTACCGCGCAGGGCTTTCTCATCAACAACAATTACGTATGTTT  $\tt CTGGCTGTTCACCTGGCCTGGTGTACCGTGCATTTATTACGGTGATGAAGTAGGACTGGATGGCAAAAACGATCCGTTTT$ GCCGTAAACCGTTCCCCTGGCAGGTGGAAAAGCAGGATACGGCGTTATTCGCGCTGTACCAGCGAATGATTGCGCTGCGT GAATCAGCAACGTGTACTGGTGGCAATCAACCGTGGCGAGGCCTGTGAAGTGGTGCTACCCGCGTCACCGTTTCTCAATG TGGATGAACTAACGTTTTATAACGCCTTGCGTGACGCCTGCGCCATCATCCGCGGATAAAACTGCCAGAAGCGGGTTTCG  ${\tt AGGGCGTCATAATGAGCGTCTAAATCGTACCAGGAGTCACGCAGGGCATCCAGACGTGGGCGGCGGCTTGCCATGCCGTT}$ TAACACGTTCTGGATGAAATCCATATCGCGATAGCGCACCAGCCACTGCTCTGACCACAAGTAATTGTTCAGATTGATAA GACAGCTGCGACCAGTGGCGGGAAAGAAGTGATCCCACATGACATCCAGCGTAATAGGCGCAACGCGGCGCGTTTCACT  $\tt
CCACGACGTCGGGCGGAAAACTTTCTTCAGGATTTCCGCGTACGAAATCAGCCAGTAAATTGCCGGAAAGCGAGCTTTCC$ GCGAGATGGGCTAAATGCAGGTGAGCTAAAAAATTCATCGATTATATTCTATCCAAAAGGGGGTAAAGGTTGCAGGGAGA  ${\tt GCGCCCGGCACTAGACTACCCGCCTCTTATTTTAGTCTGAGTCAGTGTCATGCGCGTTACCGATTTCTCCTTTGAATTG}$ GCTGACGCACGGTACTTTCACCGATTTACTTGATAAGCTCAACCCCGGCGATCTTCTGGTTTTTAATAATACCCGCGTGA  ${\tt TCCCGGCGCGCCTGTTTGGGCGTAAAGCCAGCGGCGGCAAGATTGAAGTGCTGGTTGAACGGATGCTCGACGACAAACGC}$ ATTCTTGCGCATATTCGCGCCTCGAAAGCGCCAAAACCTGGCGCAGAACTGCTGCTGGCGATGACGAAAGTATTAACGC TCGGCCATATGCCGCTGCCGCCGTATATCGACCGTCCGGACGAAGACGCTGACCGCGAACTTTATCAAACCGTTTATAGC GAAAAACCGGGCGCGGTTGCAGCCCCGACCGCAGGTCTGCATTTTGACGAGCCTTTGCTGGAAAAATTGCGCGCCAAAGG TCATGCACTCGGAATACGCTGAAGTACCGCAGGATGTGGTAGACGCGGTACTGGCGGCGAAAGCGCGCGGTAACCGGGTG ATTGCGGTTGGCACCACTTCAGTACGTTCGCTGGAAAGCGCGGCTCAGGCAGCGAAAAACGATCTCATTGAACCGTTCTTAGTCGACGCTGATTATGCTGGTTTCGGCCTTTGCCGGTTATCAACACACCATGAACGCCTATAAAAGCAGCGGTAGAAGAG AAATATCGCTTTTTTAGTTACGGTGATGCGATGTTTATCACGTACAATCCGCAGGCAATTAATGAGCGCGTCGGGGAGTA ATTCCGCGGCGCTGGTTTAAAACGTTGGACTGTTTTTCTGACGTAGTGGAGAAAAATGAAATTTGAACTGGACACCACC GACGGTCGCGCACGCCGTGGCCTCGTCTTTGATCGTGGCGTAGTGGAAACGCCTTGTTTTATGCCTGTTGGCACCTA  ${\tt CGGCACCGTAAAAGGGATGACGCCGGAAGAAGTTGAAGCCACTGGCGCGCAAATTATCCTCGGCAACACCTTCCACCTGT}$ GGCTGCGCCCGGGCCAGGAAATCATGAAACTGCACGGCGATCTGCACGATTTTATGCAGTGGAAGGGGCCGATCCTCACC GACTCCGGCGGCTTCCAGGTCTTCAGCCTTGGCGATATTCGTAAAATCACCGAACAGGGCGTGCACTTCCGTAACCCGAT AGCCGTGAGCGTTTTGACAGTCTCGGAAACAAAATGCGCTGTTTGGTATCATCCAGGGCAGCGTTTACGAAGATTTACG TGATATTTCTGTTAAAGGTCTGGTAGATATCGGTTTTGATGGCTACGCTGTCGGCGGTCTGGCTGTGGGTGAGCCGAAAG  $\tt CAGATATGCACCGCATTCTGGAGCATGTATGCCCGCAAATTCCGGCAGACAAACCGCGTTACCTGATGGGCGTTGGTAAA$  ${\tt CCAGAAGACCTGGTTGAAGGCGTACGTCGTGGTATCGATATGTTTGACTGCGTAATGCCAACCCGCAACGCCCGAAATGG}$ TCATTTGTTCGTGACCGATGGCGTGGTGAAAATCCGCAATGCGAAGTATAAGAGCGATACTGGCCCACTCGATCCTGAGT GTGATTGCTACACCTGTCGCAATTATTCACGCGCTTACTTGCATCATCTTGACCGTTGCAACGAAATATTAGGCGCGCGAA  $\tt CTCAACACCATTCATAACCTTCGTTACTACCAGCGTTTGATGGCGGGTTTACGCAAGGCTATTGAAGAGGGTAAATTAGA$ GAGCTTCGTAACTGATTTTTACCAGCGTCAGGGGCGAGAAGTACCACCTTTGAACGTTGATTAATATTAATAATGAGGGA AATTTAATGAGCTTTTTTATTTCTGATGCGGTAGCGGCAACGGGTGCACCGGCGCAAGGTAGCCCGATGTCTTTGATTTTGATGCTGGTGGTATTCGGTCTGATTTTCTATTTCATGATCCTGCGTCCACAGCAGAAGCGCACCAAAGAACACAAAAAGC GGCTACATTGCTATCGCGCTGAATGACACCACTGAAGTAGTTATTAAACGTGACTTCGTAGCTGCCGTCCTGCCGAAAGG TGCTGATCGTGGTGATTGTCATCGGTCTGCTGTATGCGCTTCCCAACCTGTTTGGTGAGGATCCGGCTGTTCAGATCACT GGTGCGCGGGGGTCGCCGCCAGTGAGCAAACGCTGATCCAGGTCCAGAAAACGTTACAAGAAGAAAAAATAACTGCTAA GTCTGTGGCACTGGAAGAGGGCGCTATTCTTGCGCGCTTCGACTCCACTGACACCCAGTTGCGCGCTCGTGAAGCATTAA GAGCCGATGAAGCTCGGCCTTGACCTGCGTGGCGGCGTTCACTTCCTGATGGAAGTGGATATGGACACCGCGCTTGGCAA ACTCCAGGAACAAAATATCGATAGCCTACGCAGTGACCTGCGCGAAAAGGGCATCCCGTATACCACTGTTCGTAAAGAAA ACAACTACGGCCTGAGCATCACTTTCCGCGATGCTAAAGCTCGTGATGAAGCCATTGCGTATCTGAGCAAGCGCCATCCG TGCGGTGCAGCAGAACATTAATATCCTGCGTAACCGTGTAAACCAACTTGGCGTGGCGGAGCCGGTGGTTCAGCGTCAGG GTGCTGACCGTATCGTTGTTGAACTGCCAGGTATTCAGGACACTGCGCGTGCGAAAGAGATTCTGGGTGCGACGGCAACG  ${\tt ACAGACCCGCGAAGGTCAGCCAGTTGTGCTGTACAAACGCGTAATTCTGACCGGTGACCATATCACCGACTCCACTTCCACTTCCACTAGCAGAGGTCAGCTGTACAAACGCGTAATTCTGACCGGTGACCATATCACCGACTCCACTTCACTTCACTTCACT$ TCTGGTGAAACAGGAAGAGTGATTAACATCGCCAACATCCAGTCTCGTCTGGGTAACAGCTTCCGTATCACCGGCATCA  ${\tt ACAACCCGAACGAAGCCCGTCAGCTGTCACTGCTGCTGCGTGCCGTTGATCGCGCCGATTCAGATTGTTGAAGAA}$  $\tt CGTACCATTGGCCCAACCCTGGGTATGCAGAACATTGAACAGGGGCTGGAGGCTTGCCTTGCCGGTCTGCTGGTTTCTAT$  ${\tt TCTGTTCATGATCATCTTCTATAAGAAGTTTGGTCTGATTGCGACCAGTGCTCTGATTGCCAACTTGATCTTAATCGTCG}$ GCATTATGTCGCTGTTGCCAGGCGCAACGCTGAGTATGCCAGGTATCGCGGGTATCGTCTTAACCCTTGCGGTGGCGGTC GATGCGAACGTACTGATCAACGAACGTATTAAAGAAGAGTTGAGCAACGGACGTACTGTTCAACAGGCAATTGATGAAGG TTATCGTGGCGCATTCAGTTCTATCTTCGATGCGAACATCACCACGCTGATTAAAGTCATCATCCTGTACGCAGTGGGTA GCCATCGTAAACCTGCTATATGGCGGCAAGCGCGTCAAGAAGCTGTCAATCTGAGGAGTGCGATGTGGCACAGGAATATA CTGTTGAACAACTAAACCACGGCCGTAAAGTCTATGACTTTATGCGCTGGGACTACTGGGCTTTCGGCATCTCTGGTCTG AATTACGCTCGAAAAACCGGCTGAAATTGACGTAATGCGTGATGCATTGCAAAAAGCCGGTTTTGAAGAGCCGATGCTGC AAAACTTTGGTAGCAGCCATGACATCATGGTCCGTATGCCGCCTGCTGAAGGCGAAACCGGCGGTCAGGTGTTGGGCAGC GGCAGACCTTGCGCAAACCGGTGCGATGGCGTTGATGGCAGCGCTGCTGTCTATCCTCGTGTACGTAGGTTTCCGCTTTG AGTGGCGACTGGCGGCAGGGGTGGTTATTGCGCTGGCGCACGACGTTATCATTACGCTGGGTATTTTGTCGTTATTCCAT  ${\tt CCGTATTCGTGAAAACTTCCGCAAGATCCGTCGCGGTACGCCTTACGAAATCTTTAACGTGTCCTTGACCCAGACGCTGC}$  ${\tt ACCGTACCTTGATCACATCCGGTACTACCTTGATGGTTATCCTGATGCTGTACCTCTTCGGTGGTCCGGTACTGGAAGGC}$  $\tt TTCTCGCTGACCATGCTTATCGGTGTTTCCATCGGTACTGCATCTTCCATCTATGTGGCATCTGCGTTGGCTCTGAAACT$ GGGTATGAAGCGCGAACACATGTTGCAGCAGAAAGTGGAAAAAGAAGGGGGCGGATCAGCCGTCAATTCTGCCGTAATCAA TGGGAAACTGCGCGTAACCCTACATTTCATCCAGGTAACTTTTCATGGCTATCATCCCAAAAAACTATGCGCGGTTAGAA GCGTGAACTTACCGTTCACCACATTGATCACGACCATACCAATAACCCGGAAGATGGCAGTAACTGGGAATTGTTGTGTC TCTATTGCCACGATCATGAGCATTCGAAATATACCGAAGCGGATCAGTATGGTACGACCGTTATCGCAGGGGAAGATGCG CAGAAAGATGTCGGTGAAGCGAAGTACAACCCATTCGCTGACCTGAAAGCGATGATGAACAAGAAGAAGTGATTAAAACG TAAAATTGCCTGATGCGCTACGCTTATCAGGCCTACGTTATTTCAGCAATATATTGAATTTACGTGCTTTTTGTTGGCCGG ACAAAGCGTTTACGCCGCATCCGGCATGAACAAAGCACACGTTGTTAACAATCAGAAATGCCGGGAATAAATCCCGGCAT TTTCATAATCAGAAGTTGTAACCTACTACCAGGTAACCACCCCAGCCGGTAGAGCGAACGTTGAAGTTGCCGTTGCCGAA GTTCAGTTCTGCATCGTCGTTCCACTGACCACCGTCGTGCCAGTAACGAGCTACGACAGAGTAGTGCCAGTGATCGTAGT  ${\tt TCAGAGCCAGAATATGGCTGGAAGCGATAGAGTTATTAGTACGGGTCTTAATACCGTTGATTGCGTTACCGCTGTCATCC}$  $\tt CCTAAATCGGAACCCCAGTCGAAGTTGGTGAAGCCGATGTAGCTCAGCTGACCGCCCCACAGATCGGTAATCGGCACAAA$  ${\tt CGTTCATGGACAGGCTCATCGGCAGGCCAGTGTCGATATCGGTACCCAGACCCATGTACCAGGTGCTCTGGCGACCATCT}$ TTATTACGACCCATGTCGTAAATGTAGTTGTTCGCGAAGTACCACTCTTTGAACGGACCGAAGCTAAGGTCAGTATTGGT TACCGCCGAAGAATACCGGCGCATCCGCATAACCATAGAAGTCGAACCAGTCTTTTTTAGCGAATGCTTCGTACTCAAGG TAGGTATCGTTGCGGATCTGCGGTCCGAAACGGGTGTGATAGCTTCCGACAACGTTAACGCTCTGGTGCCACCAGTCGGA AAGATACTGCGGTTTGTCGTTTTCAGCTGCGTTGACAGTAAAAGACGAAGAGAGCGCCAGTACCGCACCGGCTGCCAGTA ATGTTTTTTCATATGCCACTGTTTGAAAATCCCTTGCGGGAGTGAAAAAGGCCCAAATTGCGTTTCTAAATATTT CGTATACAGAGGAGCCTATTATAAAAATCATTGCTCACAAAAATATGTTTCGTTTCACAGTTCTATCATTTACGTAATCG ATTGCGTTCACGTTTACACACACTTCGGGCGGGGATTGTACTGACTTTCGCCCTTGTTGCAAACTTTTACTATCAATCCAG  $\tt GTGATGTAAGCAGAGTAACAAAATGACGGGGAAAGATGTTGCGGGACGCACAAAATCGTCCCGAAATACGTTTACTGCAT$ AACAGGTTGAATGTCGTGGATACGTACAAAGCCTAACTGATCCACAGAAATCCCCTTTAACTGTAACGGAATATCAACAT TGAATTTGCCCATATTCAACAGTTCCGCTGAATGCGGGCAAGGGATCATTCGACTCACCCTGAATACGTAGTGTAAGGGT GGTGCCATCTGCATCAGGCGTAATATTCACCAGCGACATACGTAAAGTACCGATCTGGCTTTCCAGTCTTGCCGGTGTTT  ${\tt AAGGCTGAACAGGCTTCCCAGCAGGAGCAGTCGAAAAACGTTAGTATTCATAGGTCGTCCCTTTCTCGTCGCAATTAGCC}$  ${\sf
TAATGGTAGAGGGTAAAAGCAGCGAAAGCATCGATCCTTTATCTCAAAAGCGTTGCGCCTTTGTTGTATCGTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTATCGTCAGAAAGCGTTGCGCCTTTGTTGTATCGTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGAAAGCGTTGCGCCTTTGTTGTTGTATCGTCAGTTCAG$ GGTAAAATAGATTTCCGTTAACCACCTGGTCAGGACGCCGTATGCATTGCCCATTCTGTTTCGCCGTGGACACTAAGGTA ATTGACTCTCGTCGCGGGGGGGGTTCATCCGTACGCCGCCGTCGGCAGTGTCTGGTGTGTAATGAACGTTTCACCAC TAAAGTCGCCTATATCCGTTTTGCCTCTGTCTACCGCAGTTTCGAAGATATCAAAGAATTTGGCGAAGAGATCGCGCGCC TGGAGGACTAAGCCGTGCAGGACGAGTATTACATGGCGCGGGCGCTAAAGCTGGCGCAACGAGGACGTTTTACCACGCAT  $\tt CCCAACCCGAATGTCGGGTGCGTCATTGTCAAAGATGGCGAAATTGTCGGTGAAGGTTACCACCAACGTGCGGGTGAACC$ ACATGCCGAAGTACACGCGTTGCGTATGCGGGTGAAAAAGCCAAAGGTGCGACCGCCTATGTCACACTCGAACCCTGTA GCCATCATGGTCGTACGCCACCGTGCTGTGACGCACTCATCGCCGCTGGCGTAGCGCGCGTGGTTGCCTCGATGCAAGAT TGAAGCCGAGCAATTGAATAAAGGCTTTCTCAAGCGGATGCGCACCGGCTTTCCTTATATTCAGTTAAAACTTGGCGCAT CGCTTGATGGTCGCACGGCGATGGCGAGCGGCGAAAGCCAGTGGATCACTTCGCCCCAGGCGCGCGTGATGTACAACTA  $\tt CTGCGCGCGCAAAGTCATGCCATTTTAACCAGCAGCGCCACGGTGCTGGCGGATGATCCTGCCTTAACGGTGCGTTGGTC$ ATCGCGTGACGCCGGTACATCGCATTGTGCAGCAGCCCGGCGAAACCTGGTTCGCGCGTACGCAGGAAGATTCTCGTGAG TGGCCGGAAACGGTGCGTACCTTGCTGATTCCAGAGCATAAAGGTCATCTGGATCTGGTTGTACTGATGATGCAACTGGG AGCTGATTGTCTATATCGCACCTAAACTATTAGGCAGCGACGCCCGCGGATTATGCACGCTGCCAGGGCTTGAGAAATTA GCCGACGCCCCCAATTTAAATTCAAAGAGATACGTCATGTAGGCCCGGATGTTTGCCTGCATTTAGTGGGTGCATGATC TCCCGGCTCGAAAGGGAAGCAGCGCACGAAATATTATGCTAAAATCCGCCCCCCTGCGGGGCCATACTCGAACCCGAAGG AAGAAAATGAACATTATTGAAGCTAACGTTGCTACCCCGGACGCTCGCGTCGCCATCACCATCGCGCGTTTCAACAACTT TATCAATGACAGCCTGCTGGAAGGTGCAATTGACGCACTGAAACGTATCGGTCAGGTAAAAGATGAAAACATTACCGTTG TTTGGGTGCCTGGTGCCTATGAGCTGCCGCTGGCGGCGGGTGCACTGGCTAAAACCGGTAAATACGACGCGGTGATTGCG  AAGCTGCCAACAAAGGTGCAGAAGCTGCACTGACCGCGCTTGAAATGATTAATGTATTGAAAGCCATCAAGGCCTGAAAT TAGTAAGGGGAAATCCGTGAAACCTGCTGCTCGCCGCGCTCGTGAGTGTGCCGTCCAGGCGCTCTACTCCTGGCAGT TGTCCCAGAACGACATCGCTGATGTTGAATACCAGTTCCTGGCTGAACAGGATGTAAAAGACGTTGACGTCCTGTACTTC AGAACTGGGACAGGTAGAAAAAGCAGTACTGCGCATTGCGCTGTACGAACTGTCTAAACGTAGCGATGTGCCATACAAAG TGGCCATTAACGAAGCGATCGAACTGGCGAAATCGTTCGGCGCAGAAGACAGCCATAAGTTCGTCAACGGCGTACTCGAT AAAGCAGCACCTGTGATTCGCCCTAACAAAAAGTGATATCCAGGCCGGTAGATTCACGGAAGACCGTTCCATGATCGCCG AAGAAGTTCTCGTCTTGATGTCGAACTGGGCATCGGCGACGATTGCGCACTTCTCAATATCCCCGAGAAACAGACCCTGG CGATCAGCACTGATACGCTGGTGGCGGGTAACCATTTCCTCCCTGATATCGATCCTGCTGATCTGGCTTATAAAGCACTG GCGGTGAACCTAAGCGATCTGGCAGCGATGGGGGCCGATCCGGCCTGGCTGACGCTTAACCTTACCGGACGTAGA CGAAGCGTGGCTTGAGTCCTTCAGCGACAGTTTGTTTGATCTTCTCAATTATTACGATATGCAACTCATTGGCGGCGATA AAACCGGGTGACTGGATCTATGTGACCGGTACACCGGGCGATAGCGCCGCCGGGCTGGCGATTTTGCAAAACCGTTTGCA TGCGCGATCTGGCAAATTCAGCCATCGATCTCTGACGGTTTGATTTCCGATCTCGGGCATATCGTGAAAGCCAGCGAC TGCGGCGCACGTATTGACCTGCCATTGCTGCCGTTTTCTGATGCGCTTTCTCGCCATGTTGAACCGGAACAGGCGCTGCG  $\tt CTGGGCGCTCTCTGGCGGTGAAGATTACGAGTTGTGTTTCACTGTGCCGGAACTGAACCGTGGCGCGCTGGATGTGGCTC$  ${\tt TCGGACACCTGGGCGTACCGTTTACCTGTATCGGGCAAATGACCGCCGATATCGAAGGGCTTTGTTTTATTCGTGACGGC}$ GAACCTGTTACATTAGACTGGAAAGGATATGACCATTTTGCCACGCCATAAAGATGTCGCGAAAAGTCGCCTGAAGATGA GTAATCCGTGGCATCTACTTGCTGTCGGATTCGGAAGTGGATTAAGCCCGATCGTTCCTGGGACGATGGCTCGCTGGCA GCGATTCCGTTCTGGTATCTGATGACCTTTTTGCCCTGGCAGCTCTACTCGCTGGTGGTGATGCTGGGGATCTGTATCGG CGTCTATCTTTGTCATCAAACGGCGAAAGACATGGGTGTGCACGATCATGGCAGCATTGTCTGGGACGAATTTATTGGTA TGTGGATCACGCTCATGGCGCTGCCGACCAATGACTGGCAGTGGGTTGCCGCCGGGTTTGTGATTTTCCGTATTCTGGAT  ${\tt ATGTGGAAGCCGTTGCCTGGTTTGATCGCAATGTGCATGGCGGCATGGGGGATCATGATCGACGATATTGTCGCCGCGCATGGGGGATCATGATCGACGATATTGTCGCCGCATGGGGGATCATGATCGACGATATTGTCGCCGCATGGGGGATCATGATCGACGATATTGTCGCCATGGGGGATCATGATCGACGATATTGTCGCCATGGGGGATCATGATCGACGATATTGTCGCCATGGGGGATCATGATCGACGATATTGTCGCCATGGGGGATCATGATCGACGATATTGTCGCCATGGGGGATCATGATCGACGATATTGTCGCCATGGTGGATGATCGACGATATTGTCGCCATGGGGGATCATGATCGACGATATTGTCGCCATGGTGGATCATGATCGACGATATTGTCGCCATGGTGATGATCGACGATATTGTCGCCATGGTGATGATCGACGATATTGTCGCATGATCGACGATATTGTCGCATGATCGACGATATTGTCGCATGATCATGATCGACGATATTGTCGCATGATCATGATCGACGATATTGTCGCATGATCATGATCGACGATATTGTCGCATGATCATGATCGACGATATTGTCGCATGATCATGATCGACGATATTGTCGCATGATCATGATCGACGATATTGTCGCATGATCATGATCGACGATATTGTCGCATGATCATGATCGACGATATTGTCGCATGAT$  $\tt CCTGATGTGACGCTTGTCACGTCTCATCAGGCCTGGACTCTTATTTAAATCCTACGACAGGATGCGGTTTATACGGCGTT$ TCCAGTTCGGCAATCTGTTCCGGCTTCAAAGTGATATCCACCGCGTTCAATAGCTCATCAAGCTGTTCTTCGCGCGAAGT  ${\tt TCCGATAATCGGTGCGGCAATGCCCGGTTTACTCAACAACCAGGCCAGCGCAACTTGTGCTCGTGTCGCCCCCAGTTCTT}$ GACACCAGTCGTGCGGTAGTTTCTCCCCACGGACGCGTCAGACGCCCCTTGCCAGCGGGCTCCATGGAATTACCGCCAC GCCCTCCTGATAACACAGTGGTAGCATCTCGCGCTCTTCTTCACGATAAATCAGATTGTAGTGATCCTGCATACTGACAA ACTGCGCCCAGCCGTGCTGTTTTTGGAGTTCCAGTGCCTGAGCAAACTGCGAAGCGTGCATTGATGACGCGCCGATATAA  $\tt CGCGCTTTCCCGGCTTTTACCACGTCGTTGAGGGCTTCCAGCGTCTTCGATCGGCGTGTTGTAATCCCAGCGATGAAT$ TTGCAGGATATCGACATAATCCATGCCGAGACGTCGCAGGCTGTCGTCGATAGAGCGCAAAATTTGCGCACGGGATAATC CTTCCGGTAAATCACCAACGCGATGGAACACTTTGGTCGCAACGACCACGTCTTCACGACGGCGAAATCCCGCAGTGCG CGACCGACGATCTCTTCGCTGCTGCCGTCAGAATAACTGTTGGCGGTATCAAAGAAATTTATGCCGCCTTCCAGTGCACG TTTAATTATGGGACGCTGCTTTCTTCCGGCAGTGTCCATGCGTGATTACCGCGATCTGGCTCGCCAAAGGTCATACAGC TGCCGCCTTCCTGCAACTCGAATTATTTAGAGTCTATGAATAATTTCTTAAGCATAGCAGGAGTGGAGTAGGGATTATGC GAATAAAGAAGTCCGGCAGGCCAATGTTCAGCACGGGTACTGGTTTACGATGGGCCATCAGCACTTCGTTCACGCCGCTG ATCAAGCGGTTTCACAAAACGCATATCGACCAGCGTGGCGTTCAGCGATTCGGCGACTTTCGCCGCTTCTGGCATCAGCG TACCAAAGTTAAGGATCGCCAGTTTCTCGCCACGACGCTTCACAATGCCTTTGCCAATTGGTAGTTTTTCCAGCGGCGTC AGTTCCACGCCGACCGCGTTGCCACGCGGGTAGCGCACCGCTGACGGCCATCGTTATAGTGATAGCCGGTATAGAGCAT  $\tt CTGGCGACATTCGTTTTCATCGCTCGGGGTCATAATGACCATTTCCGGTATGCAGCGCAGGTAAGAGAGATCAAAAGCAC$ TCATGCAGCACCTGATCATAGGCGCGTTGCAGGAAAGTGGAGTAAATCGCGACAATGGGTTTGTACCCACCAATCGCCAG CCATGCCGGAACCTTCACGCATCGCCGGAGTAATCGCCATCAGCTTGTTGTCTTTCGCTGCCGTTTCGCACAACCAGTCG  ${\tt CCAAAGATTTTGAATAGCTCGGCAAACCGCCGCTACTTTTCGGCAAACCACCGCTGGAGGGATCAAATTTAGGCACGGC}$ GTGGAAAGTGATCGGGTCTTTTTCTGCCGGTTCATAACCACGACCTTTTTTTGGTCATGATATGCAGGAACTGCGGGCCTT TCAGGTCGCGCATGTTCTTTAGCGTGGTGATAAGCCCCAGCACATCGTGACCGTCCACCGGGCCGATGTAGTTAAAGCCC AGCTCTTCAAACACGTGCCAGGCACTACCATGCCTTTAATATGTTCTTCGGTGCGTTTGAGCAGCTCTTTAATTGGCGG  $\tt CACGCCAGAGAAAACTTTTTTCCCGCCTTCGCGCAGTGAAGAGTAAAGCTTACCGGAAAGCAGCTGTGCCAGATGGTTGT$ TGAGCGCGCCGACATTTTCGGAAATCGACATTTCATTGTCGTTGAGAATCACCAGCATATCAGGACGGATATCGCCCGCG TGATTCATCGCTTCAAACGCCATGCCTGCGGTAATCGCGCCATCGCCAATGACACAGACGGTGCGGCGATTTTTGCCTTC TTTTTCGGCAGCAACCGCAATACCAATTCCGGCACTGATGGAGGTTGATGAATGCCCGACGCTTAATACGTCATATTCGC  ${\tt TTTCGCCGCGCCACGGGAACGGGTGCAGACCGCCTTTCTGACGGATGCTGCCGATTTTGTCGCGGCGTCCGGTCAAAATT}$ TTATGCGGATAAGCCTGATGCCCCACATCCCAAATCAATTGGTCAAACGGGGTGTTGTAGACATAGTGCAGCGCCACGGT  $\tt CAGTTCGACCGTGCCCAGCCCGGAGGCGAAGTGCCCGCTGGAACGGCTCACGCTGTCGAGTAAATAGCGGCGCAGTTCGT$ GCAATATCAAAACTCATCAGGGGCCTATTAATACTTATTGTTTATTATTACGCTGGATGATGTAGTCCGCTAGCGCTTC  ${\tt CAGTGCCGAGGTATCGAGTGACTGTTCAGCCAGTTGTTTCAGCGACTGACGGGCATCGTCGATCAGATCCCGGGCTTTCT}$ GTTGCAGTATCTCCCACCACATCCAGGATGTCATCCTGAACCTGGAAGGCAAGGCCGATGCTCTCTGCATACTTGTCGAG
TACCGGCAGAGCACGACGTCCTTTATCTCCGGCGCTTAATGCACCAAGGCGAACGGCGCGCGAATCAATGCGCCGGTTT TATGACGATGAATACGCTCAAGCGCGTCCAGAGGTACGTGTTTGCCTTCCGCGTCTAAATCTAATGCCTGACCACCGCAC ATTCCGGCAATACCACTGGCGCTCGCCAGTTCAGAAATCATCGAAATTCTGTCGCGGTCCGACACTTCCGGCATATCGGC ATCGCTTAAAATCGAGAACGCCAGCGTTTGTAAAGCGTCGCCAGCGAGAATCGCGTTTGCTTCGCCAAACTTCACATGGC AGGTTGGCAAACCGCGACGCAGATCGTCATCCATTGCCGGTAAATCATCATGAGTTAATGAGTAAGCGTGGATACAC TCAACGGCGGCAGCGGTGCCCAGCGTGTTTGTGCTAACGCCGAACATATGACCGGTGGCATAAACCAGGAAAGGTCG  ${\tt AAGGGGTTAGAGAGGCGTCTTCATTGTCAGACAGCAGAATTTGTACGCGCTGTTCGGCTTGTTGTAATTTGGCCTGCCCC}$ TGACGTGCCAGCTGCACGCCGCGTTCGAACTCGTTCAGCGCCTCTTCCAGCGGCAGGTCGCCACTTTCCAGACGGGTTAC  ${\tt AAGCGATGTTAGTGGTATACTTCCGCGCCTGGATGCAGCCGCAGGTGTGGGCTGCTGTATTTTTCCCTATACAAGTCGCT}$ TAAGGCTTGCCAACGAACCATTGCCGCCATGAAGTTTATCATTAAATTGTTCCCGGAAATCACCATCAAAAGCCAATCTG GGGTATCCACCATATTCTCGAAGTCGAAGACGTGCCGTTTACCGACATGCACGATATTTTCGAGAAAGCGTTGGTTCAGT ATCGCGATCAGCTGGAAGGCAAAACCTTCTGCGTACGCGTGAAGCGCCGTGGCAAACATGATTTTAGCTCGATTGATGTG TCTGGAAGTGGAAGACGATCGTCTCCTGCTGATTAAAGGCCGCTACGAAGGTATTGGCGGTTTCCCGATCGGCACCCAGG AAGATGTGCTGTCGCTCATTTCCGGTGGTTTCGACTCCGGTGTTTTCCAGTTATATGTTGATGCGTCGCGGCTGCCGCGTG TGGCAGCTCCCACCGCGTGCGTTTTGTCGCTATTAATTTCGAACCGGTCGTCGGGGAAATTCTCGAGAAAATCGACGACG GTCAGATGGGCGTTATCCTCAAACGTATGATGGTGCCGCGCATCTAAAGTGGCTGAACGTTACGGCGTACAGGCGCTG GATCCTGCGTCCGCTGATCTCTTACGACAAGAGCACATCATCAACCTGGCCCGCCAGATTGGCACCGAAGACTTTGCTC GCACGATGCCGGAATATTGTGGTGTGATCTCCAAAAGCCCGACGGTGAAAGCAGTTAAATCGAAGATTGAAGCGGAAGAA GAGAAGTTCGACTTCAGCATTCTCGATAAAGTGGTTGAGGAAGCGAATAACGTTGATATCCGCGAAATCGCCCAGCAGAC AACAGGAAGATAAGCCACTGAAAGTCGAAGGGATTGATGTGTTTTCTCTGCCGTTCTATAAACTGAGCACCAAATTTGGC GATCTCGACCAGAACAAACCTGGCTGTGTGTGTGTGGCGCGGGGTGATGAGCCGTCTGCAGGCGCTCTATCTGCGCGA  $\tt GCAGGGCTTTAACAATGTGAAGGTATATCGCCCGTAATTTGTGGTTTTTACGTCGCATCTGGTCAGATGCGACGTTTGCC$ GCATCCGACACTACTCGTAATAATTATAAATCCCTGCCGCCATCACCAGTTGTGATGCCACTTCATGGGCTTTTTCACGC ATCCCAGACGACGCGCTTGTCCAGCCATTGTTCGGCGGGAATTTTTGTCTTTCAGCGTCGGGAAGCCGGTCATATTACCAA TGTTTAACGGTTTCAACCAGCAGAGTGCTATCGCGAAAACACTCCGCGCCTTTAATGCCACCAGGCAGCACGATCACGTC ATATTCGCCATCAGCCACTTCGACCAGCGCGCCATCCGCCAGCAGCTTCACGCCGCGCGAGCAGGTAATCGCCAGGTTAC TGTTTTCCGGTACGCCATCCCATGCGCGCGCGCGCGTAAGAGAAACCATTGATATAGTCGATTTCAGTGTGGCGC TTCTGCTGAAGTATGATGCCCTTCGCGTTCGATCACCGCCGCGACTTCTTCGCATATCTGCATAATTTCTTGCGGATGAT TCGGCGCGAATATTGTTATGCCAGGCAACGTCAGGCAACACGGTTTGCAAAATATCCGCCAGATAACTGTAATCCCCGTC CTGTTGCCGTGCCGGGCCAATATGCGTGATACCGTTTGCCACATGAATAATGACATTGCCGTCGCGGCGGGCTGCATGGG TGGTGGTGCCCATCAGTAATGGCTGCTGAATGTTTTTGCAACTCTTCGATGGTGCCCATGCCGTTGTGAATTAACAGTATT GGCGTAGTTACAGGCAGTGTGGACGCGAGGCTTTTGACGGCATCGGAAACCTGCCATGCTTTCAGCGTCACCAGGAGCAG ATCGCTGGTGGCGAGAAAATCGGGATCGTTGGCGGTCAGCGATTCGTTAAATATCGAACCATCTGTCTCAACCAGATTCA CGCTACAATAAGGTTGCGGTACGCGCAGCCAGCCCTGAACTTCATGACCCTGTTTGCAAAGTGCTGTAAGCCATAATTGC  $\tt CCTAAGGCACCGCATCCCAATACGGTAATTTTCATTGTTCCTCCTCACCCGCAACCACTCCGGGTGTTCAATAAGGCTAT$  $\tt CCCTTAATTGTGCATGCTGTTGCGACTATGCACAATTAAGGGATACGTCCTGGTGCAGGACTGTCGGTTATTTAACTTTG$ GGAAGCACGTAACGCGGTCGATAACGCGAGCCGCGAAGTGGAGTCCCGTTTTGACTTCCGTAACGTTGAAGCCTCATTTG AGCTGAACGACGCCAGCAAAACCATCAAAGTGTTGAGCGAGTCCGATTTCCAGGTCAATCAGTTGCTGGATATTCTGCGT GCCAAGCTGCTGAAGCGCGGCATTGAAGGCAGTTCGCTGGATGTACCGGAGAATATCGTTCATAGCGGTAAAACCTGGTT TGTGGAAGCGAAACTGAAACAGGGCATTGAGAGCGCGACCCAGAAGAAATCGTCAAGATGATCAAAGACAGCAAACTGA AAGTGCAGGCGCAAATTCAGGGCGATGAAATCCGCGTAACGGGCAAATCTCGTGATGATTTGCAGGCTGTCATGGCGATG GTACGTGGTGGCGATCTCGGTCAGCCGTTCCAGTTCAAAAACTTCCGCGATTAATCGCGACTATGTGCGTTTTGTTCATG TCAGATGCGGCATGAACGCCTGATTCGGCCTACAAAGGTTTGTAATTCAGAAACTTTGTAGGCCTGATAAGCGTAGCGCA  $\tt GCAGGCAATTCGCCGCGTTTTTTATGCCTGACGAATTGCCTGTTCTATCTCAAAGCGATTCGTCACTTTGCTGTCGATTT$ TCACATAAGCTGAATGTTCTTCTTCTGCAATCACACTTCTTTGATGCCTTCAGTTTCTAGCAAACGCACTTTTAACGCC  ${\tt TCGTTTGCGGCAATGTTCGCCGGGATTTCAATGCGCAAACTGCTGACATACGGCGGTTCTTTCATGGTACTGGCGACTGT}$  ${\tt AACCGCCAATCGCCACGCCAAGAAACTGGCTGGTGGAGTAAACACCCATCGCCGTACCTTTGTAACCTGCTGGCGACTCT}$ TTACTGATAAGTGAGGGCAGGAGGGCTTCCATCAAATTAAACGCCACAAAGAAAAGCTGCACGCCGACCACCAGTTGCCA GAACTGCGTTTGCGCGTTCCACAACACAATTTCCGCAACCACGATCAACCCGACGCGAGAAGACAAAGACTTGCTTCATTT TGCGCTTAACTTCAGCGTAGATAATGAAAGGCACGACCGAGCCAAAGGCGATTAGCATTGTCGCCAGATAGACCTTCCAG TGTTCAGCCGCCGGGAACCCTGCATCAGCCAGTTGTCCGGGCAGGGCAACAACGTCGACATCAGCAAAATATGCAGACA CATAATGCCAAAGTTGAGTTTCAGCAGCCGCGGTTCCGCCAGCACTTTACTGAAACTGCCTTTCACCATTCCGGACTCAC GATTAAGTACGTGAGTGCTACTGTTGGGCACAACCCAAATGGTCAACGCAATGCCGGTCGTTGCCAGAATAGCGATCATC TTGCTCCAGAGCCTTGTAGCGCCCGGCCCAGAATAATTCCCCAGATGGAGTCGGAAAGCGCAGCGATAACGCTACCGGCG GCAAACACCGCCAGCCCACCGACAATTAATGGTTTGCGACCAATGCGGTCGGAAAGCAGGCCAAACGGAATCTGAAAAAC GGCCTGAGTCAGACCATAAATACCAATGGCAATACCGATTAATGCTTCGCTGGCACCTTGCAGAGCCATGCCGTACGTGG TCAGAACCGGCAGAACCATAAACATGCCCAGCATGCGCAACGAGAATACGGTCCCTAAACCCCAGGTCGCGCCCTCTCA AACATGCGGATTTTTTAGTAAATATTTCGAGAGGGATATGTTTCTAATGCTAAGAAAAAGGTGCCGTAGCACCTTTTTA ATAGAGAGGTTTTGTTACCACACAGCAGCCAGCAGCGTATGCGAGTCCGGTACCATAAAATCAACGGACATCATCACCGA GAGGGCAGTGATGGCGATGATAGAGAAGCCGAACAGCTTGCGCGCCCAGATTCTGTCATCAGCAACTTTATAACCGCGCA ATCAGCGTGGCAACGGCAAAGGCGATGATATACAGCGTGATGTGATTCTTCGCCACCGAAATGCCTTTTACCACTGGCAA TACCGGAATGTTTGCCGCCTGGTAATCCTTAAAGCGGAAAATGGCGATGGCATAGGAGTGAGGCATCTGCCACAGGCTGA AGATAGCCAGCAGGATCGCTGCGCCGCTATCGAACTCACCGGTTACCGCACAGTAGCCGATCACCGGCGGCGCAGCGCCG GAGAGCGAACCAATCAACGTGCCGTAGACAGAGTGGCGTTTCATGTACAGGCTATAAACGCCGACATAAACCACAAAGCC  $\tt CATCACCCCAGCCAGCCAGCCAGCGGATTCGCGCCAAACCACAGCAGCATAAAGCCAGCAATACCCAGCAACGTGGCGT$ ACACCAGCGAGACAGCAGGAGAGATCAGGCCTTTCACCAGCACCCGATTCTTCGTCCTTTCCATCTTTCTGTCGATATCC ATCAATGCTGCCCTTTGAGGCCAGCAGGAATCCCCCAATCACCGAGATCAGGTTGCCAAAGATGATGCCTGGTTTCGTTA  $\tt CTTGCAGGTATTGCTTAAACATCATAACCGCCGCTCTTAGTGCATCATCATGTTGTAGTTGAGGTTCCACATAATCCAGA$ TGGAGCCTACAACCAGGATAGCGATGATTAGCACGGTGAAGACAAACGCCGTCATGTTCCAGCCTTCATCTGATTTGGTA TTCATGTGCAGGAAGCACACCAGATGCACCAGAACCTGTACCACTGCCATTGCCAGGATTGTTCCCAGAATTACGGCCGG AGAGGCAGCTCCTGTCATCACCATCCAGAACGGAATCACCGTCAGAATGATCGACAGGATAAAGCCTGTCATGTAGGTTT TTACGCTGCCATGGGACGCGCCGCTGTGATCGGTAGAATGACTCATTACATCGCCCCCATCAGATAAACAACAGTGAACA CGACGGGCGATTTGCACCATCAGCACCGCCATCCAGATAAGACCAGAAGTGACGTGCAGACCGTGCCGACCAGCCGC  ${\tt AAAGAACGCTGACAGGAAGCCGCTGCGATCCGGACCCATGCCGTTAACAATCAGGTGATGGAATTCATAGATTTCCATCC}$ GTCAAAGTATCAGTTGCCATTTTTCAGCCCTGCCTTAGTAATCTCATCGAAATGCTGGTTTTCCAGTTTTTCGATTTCTG  ${\tt CCACCGGCACGTAGTAATCCACGTCCTCGTCGAAGCTTTTCACGATCCAGGTGATGATCATGCCTGCGAAGCCAACAATC}$ GCCAGCCACCAGATATGCCAGATCATGGCGAAACCGAAGATGGTGGAGAAAGCTGCAATGACGATACCTGCACCGCTGTT TTTCGGCATATGAATTTCTTCATAGTGGTCAGGCTTTTTATACGCTTCGCCTTTCTCTTTCATTTCCCAGAATGCATCAC GTTCGTGAACGTGCGGCACTACGGCAAAGTTATAGAACGGAGGCGGGAAGAGGTTGCCCACTCCAGCGTACGGCCACCC GGGTCATGCCCATGAAGCCCAGCGCATACAGTGGCATAAAGGCAACGAAGAAGCCGATGATCCAGAACCAGAACGCGCGT TTACCCCAGGTTTCGTTCAGTTTGAAACCGAACGCTTTAGGCCACCAGTAGGTCATCCCTGCGAAGCAGCCGAAGACCAC GCCGCCGATGATCACGTTATGGAAGTGCGCAATCAGGAACAGGCTGTTATGCAGAACGAAGTCCGCGCCCGGTACGGCCA GCAGCACGCCAGTCATCCCGCCCACCGAGAAGGTGACGATAAAACCGATGGTCCACAGCATCGCAGAATGGAACACGATG  $\tt CGGCCCTGATACATGGTGAACAGCCAGTTGAAGATCTTCACCCCGGTCGGGATGGCGATAATCATTGTGGTGATACCAAA$ GAAGGCGTTTACGTTCGCGCCCGCACCCATCGTAAAGAAGTGGTGCAGCCAAACGATGAACGACAGCACGGTGATACAGA ACAGGCAGGATCAGGATGTAAACTTCCGGGTGGCCCCAGGCCCAAATCAGGTTGATGTACATCATCATGTTGCCACCCAT CAATAATCAGTACGTTCGCGCACAGTGATGCCCAGGTAAATACTGGCATCTTGAACATGGTCATGCCCGGTGCGCGCATC TTCAGAATGGTAACGAAGAAGTTGATACCGGTAAGCGTCGTACCTATACCGGATAGCTGGAGACTCCATATCCAGTAATC  ${\tt CGCGCCGATCTGCAGCGGAACCACCAGGTTCATCAGACCGATAACGAAAGGCATCGCCACGAAGAAGATCATAATCAC}$  TACGCATCATAATGGCGTCAGCAAAACCACGCAGCAACATCACAATCGCCACGATGATATACATGATACCGAGGCGTTTA TCCCAAAATAATGCCAGCGATCGTAACCATGACGATAGGTTCATGGAACGGGACTGCATCAAGTGATAATTTTCCGAACA TCTTTATTCTTCCTCAACCCCTTTAATGGGCGGATTCCGCGTGGCTCATGTCCATGCCTTCCATACCTTCGTGTGCGCTG TGCTCACCTTCTGGCTGGGTCATGTCCATGCTCTTACCGTGAGCCATAAACTTGTTAATTACATCGGCAAACAAGTCTGG TTTCACGTTGGAGAAATATTCCACCTGGTTGTATTCGCTAGGCGCGCCAGTTTTTCGAACGCAGCCATGTCAGACATGG TGTTCGGCGACTGCTTTTGCGACCCACTGGTCGAATGCGGCGCGATCCGGTGTTGCAATAGCTTTGAACTTCATG  $\tt CTGCATACCGGCCATGGCATAAATCTGGCTACCCAGACGCGGAATGAAGAAGGAGTTCATCACGGAGTTGGAGGTCACTT$ TTCCAGTCCATGGAAACCACTTCGATGGTAATGGGCTTCTCGTCGTGTGCCAGCGGCTTGCTAGGCTCAAGAGCGTGAGT GGTTTTCCAGGTCAGTACTGCAAGGAAGATGATTAAGATAGGTACCGTCCAGACCACAGCTTCCACTTTATTGGAGT GTGACCAGTTCGGGCTGTACTTAGCATCTTTATTGCTCGCACGGTACTTCCAGGCGAAACCAACAGCCATCAAGATTGCG GGAATAACGACAATCAGCCCAAATGCCGTCAGTATCAGTGAACGTTGCTCCAGACCAATCTGTCCTTTGGGATC TAACAGCGCAGAATTACAGCCACTGAGCAATACAGTGCCTGCAAATAATGACAACCATCCCAAACTTTTATTGTATTTCC TGAGTCTCATTTAACGACCTCAATTCCACGGGATCTGGTGGCGTTTAAAGTGTGTGGGCATTTTACGGGAAGGTTACATT  ${\tt ACTGTAAACATGATTAAATTCCTGTTACTTGGATTTGGCTGCCAGGTCACATATGTTGCAAAACATATCAGGTTGATTTT$ AAATAAAACAATTATTTAACAAATAATTATCATTAGAGTGACAACTGGGTGATGAGAAAATAAAGACTCATTAGCTGAAT CGTGTAAGAAAAATAGAATTTATAAATGGCGCCAATAATTTCCAAACGCTAAGCCGCACAAAAGAACAAATATTAATAAG CGATACTGATGTTTATTTAGCCGTAATAATTACGGCGAGTGATTACTACAGCTAAATAATATTTACAGATTACGTCAGAT GCGTTTTTCGTAGCGCCAGATAATCCAGCAAACCACCAAGCACGACGCCAGAAAGGGCGACTAAAAACCCCGACTTCCAGC AGAGCAGGCAGGAAAGAGAGTGCGTCAAATCCAGCGCTCCATCGTCAATAGCAGTAACCACACGGCCAACAGGCTGAC GCCCGCCGCCAGTGTCCACATGGCAAAGGCATAACCTGCCGGATATGCGGTACGGGAGATAAAGTTGTCATTTACTCGTG TATATTCAAGCGTCTGGCGGCAAACCAGCAGCAAAATAAGCCCTGGTACGGCAGCGGCGGCGAGAATAGAATGTC GACCAGCCGTGTGCTTCAACAACCAACCCGCCACGGGGCCGACATAAACTCGCCCTACAGCAGAAAGCGCTGAGAGCAG GGCAAATTGAGTAGCGGAAAATGACTTATTACATAGCGTCATTAACAGCGCGACAAAGGCTGATGTGCCCATCCCGCCAC AGAGGTTTTCGAAAAAGACGGCTGCGCCCATGCTGTAGAGATGCTTATCAGTAATCGACAGCAGCCAGTAACCGGCGTTA GACGCACCTTGTAAAATGCCGAAAATCAGCAGTGCCCGGAACAGTGACAGGCGCTGCATCAAAATCCCACCGTACAATGC GCCAACAATGGTCGCTAGTAAGCCAAGCGTTTTGTTAACCACGCCTACTTCACCCGCATCAAACCCGACGCCGCAATCA AAAACGTGGTTGTCAGGCTCATGGCGAATGCGTCGCCCAGCTTATACAGCACGATAAGAAGCAAAATAAGCCAGGCATTA TGGTGCAAGCAACGTCGCGATAATACAGGGGATCAACAGTGCCGCCATTAACCAGTACATGCCCTGCCAGCCCAGCCATT TATCTGCCAGCCACAGGGCTAGGCCGCCGGAAACCAGCATCCCTAAACGGTAACCCAGCACGCTGATTGCCGCGCCCCCA  ${\tt CCACGTTCTTCTGCCGGAAGCACATCGGTTTTCCACGCATCGAAGACTATATCCTGGGAAGCAGAGCAAAAAGCGATCAC}$ CACTGCCAGCGCCATCCAGCGGAGTTGGGTGCCTGGTTCGAGAAAACCCATCGCCGCAATGGCGACTAATAACAGGA TTTGCGTGGCGAGCAGCCAACCGCCCCCCCCAAAAAATGGAGGCGTGTAGCGGTCCATCAGCGGTGACCAGAGGAAT TTAAAAACGTAAGCCTGGCCTACCAGAGAAAACCAATGGTTTTGAGATCGATATTCTCGACCGTCATCCAGGCCTG
TAAGGTACCGGATGTCAGGGCGAGCGGTAGCCCGGAAGCAAAACCCCAGGATCAGCAATATGGCTGAACGCGGCTGTTGAA AAATACGTAAATATTGACTGGACATGGGCGTCTACAGGCCCGGCTTGCACCGGGCCAGAGGGCAGAAATTAACGCGCGTT  $\tt CTGCTTGATGAATTCGTGGATGCTGGTGTCCTGAGACATATCAGCGATGGTATCGGTCAGCACACTGTTAACCGCATCGG$ TGCGCGGTAGCGATGATGGCGATATCCGCTTTGGTCGCGATGTTGTAGCGCACGTTGCCCTGGGACACGTCAGCATACAG TGATCGGTACGCTGATCGGCACCATTAATGCTTACGGTGACGCCCATCAGGCTTGGATCCTGCTGTGGCAGTGTAATCGT  $\tt CGGGGAAACTTCAATAGTTGTTGGCGGTTTTGCGCATCCTGCAAGCATAAACAGAGCAACTAACGGGAAGAGAGATTTTTT$  TGAACATGTTCGGGCTCTCAGAGACTCTTAAGCGTGTTTGGTAAAAATTCCCGCCATCATAACATTGCCAACGGCGAGGG GAAGTGGGTAAGGCATGTAAATTCATCATGTTGACGAAATAATCGCCCCTGGTAAAAGAAACACTGATGCGAGGCCTGTG TTTCAATCTTTAAATCAGTAAACTTCATACGCTTGACGGAAAAACCAGGACGAAACCTAAATATTTGTTGTTAAGCTGCA  ${\tt CGTGAGCGGATAGAAGAAAATTAAGGGCGGCGTTCCAACCCGTATTCCTCGAAGTAGTGGATGAAAGCTATCGTCACAA}$ TGTCCCAGCCGCTCTGAAAGCCATTTTAAAGTTGTGCTGGTCAGCGATCGTTTTACGGGTGAACGTTTTCTGAATCGTC ATCGAATGATTTACAGTACTTTAGCGGAGGAACTCTCTACTACCGTTCATGCGCTGGCTCTGCATACTTACACTATTAAG GAGTGGGAAGGGTTGCAGGACACCGTCTTTGCCTCCTCCCTGTCGTGGAGCAGGAAGCATCGCGTAAAAACGCATTTG  ${\tt CAACTGTCGGCGCTTTTCCAGTATGTTGCTAAAGATTTTATGAAAAACGGCCTGCGGGCCGTTTTGTTTTGTCTGGATTT}$ TGCGCTTTTTGCCCAGCATTCAGACGAAAATTGCCCGGGAATTGTGAAAAAATACGCGACAGCGCGCAATAACCGTTCTC GACTCATAAAAGTGATGCCGCTATAATGCCGCGTCCTATTTGAATGCTTTCGGGATGATTCTGGTAACAGGGAATGTGAT TGATTATAAGAACATCCCGGTTCCGCGAAGCCAACACCTGTGCTTGCGGGGGTAAGAGTTGACCGAGCACTGTGATTTTT TGAGGTAACAAGATGCAAGTTTCAGTTGAAACCACTCAAGGCCTTGGCCGCCGTGTAACGATTACTATCGCTGCTGACAG  $\tt CATCGAGACCGCTGTTAAAAGCGAGCTGGTCAACGTTGCGAAAAAAAGTACGTATTGACGGCTTCCGCAAAGGCAAAGTGC$  ${\tt CAATGAATATCGTTGCTCAGCGTTATGGCGCGTCTGTACGCCAGGACGTTCTGGGTGACCTGATGAGCCGTAACTTCATT}$ GACGCCATCATTAAAGAAAAAATCAATCCGGCTGGCGCACCGACTTATGTTCCGGGCGAATACAAGCTGGGTGAAGACTT GCTGTTGAAGCAGAAGACCGCGTAACCATCGACTTCACCGGTTCTGTAGACGGCGAAGAGTTCGAAGGCGGTAAAGCGTC TGATTTCGTACTGGCGATGGGCCAGGGTCGTATGATCCCGGGCTTTGAAGACGGTATCAAAGGCCACAAAGCTGGCGAAG AGTTCACCATCGACGTGACCTTCCCGGAAGAATACCACGCAGAAAACCTGAAAGGTAAAGCAGCGAAATTCGCTATCAAC  $\tt CTGAAGAAGTTGAAGAGCGTGAACTGCCGGAACTGACTGCAGAATTCATCAAACGTTTCGGCGTTGAAGATGGTTCCGT$ AGAAGGTCTGCGCGCTGAAGTGCGTAAAAACATGGAGCGCGAGCTGAAGAGCGCCATCCGTAACCGCGTTAAGTCTCAGG CGATCGAAGGTCTGGTAAAAGCTAACGACATCGACGTACCGGCTGCGCTGATCGACAGCGAAATCGACGTTCTGCGTCGC TGATCGAAGAGATGCCTTCTGCGTACGAAGATCCGAAAGAAGTTATCGAGTTCTACAGCAAAAAACAAAGAACTGATGGAC AACATGCGCAATGTTGCTCTGGAAGAACAGGCTGTTGAAGCTGTACTGGCGAAAGCGAAAGTGACTGAAAAAGAAACCAC TTTCAACGAGCTGATGAACCAGCAGGCGTAATTTACGCAGCATAACGCGCTAAATTCGCACAAAGGCCCGTCACCGCCAG GTGGTGGGCTTTTTTTTGTCATGAATTTTGCATGGAACCGTGCGAAAAGCCTCTTTCGGTGTTAGCGTAACAACAAAAGA TTGTTATGCTTGAAATATGGTGATGCCGTACCCATAACACAGGGACTAGCTGATAATCCGTCCATAAGGTTACAATCGGT GCTGGTGCCGATGGTCATTGAACAGACCTCACGCGGTGAGCGCTCTTTTGATATCTATTCTCGTCTACTTAAGGAACGCG TCATTTTTCTGACTGCCAGGTTGAAGACCACATGCCTAACCTGATTGTGCGCACAGATGCTGTTCCTGGAAGCGGAAAAC GTTTATCAAGCCTGATGTCAGCACCATCTGTATGGGCCAGGCGGCCTCGATGGGCGCTTTCTTGCTGACCGCAGGGGCAA AAGGTAAACGTTTTTGCCTGCCGAATTCGCGCGTGATGATTCACCAACCGTTGGGCGGCTACCAGGGCCAGGCGACCGAT AGAACAGATTGAACGTGATACCGAGCGCGATCGCTTCCTTTCCGCCCCTGAAGCGGTGGAATACGGTCTGGTCGATTCGA TTCTGACCCATCGTAATTGATGCCAGAGGCGCAACTGTGCCGCTATACTTATCCAGGGCGCACAACGCTGTAAGCGGCT TGCGCCTGAGAATGGCATTTGCGTCGTCGTGTGCGGCACAAAGAACAAGAAGAAGATTTTGACCCATGACAGATAAACGC AAAGATGGCTCAGGCAAATTGCTGTATTGCTCTTTTTTGCGGCAAAAGCCAGCATGAAGTGCGCAAGCTGATTGCCGGTCC ATCCGTGTATATCTGCGACGAATGTGTTGATTTATGTAACGACATCATTCGCGAAGAGATTAAAGAAGTTGCACCGCATC GTGAACGCAGTGCGCTACCGACGCCGCATGAAATTCGCAACCACCTGGACGATTACGTTATCGGCCAGGAACAGGCGAAA CGTTCACCATGGCCGACGCGACTACACTGACCGAAGCCGGTTATGTGGGTGAAGACGTTGAAAACATCATTCAGAAGCTG TTGCAGAAATGCGACTACGATGTCCAGAAAGCACAGCGTGGTATTGTCTACATCGATGAAATCGACAAGATTTCTCGTAA GTCAGACAACCCGTCCATTACCCGAGACGTTTCCGGTGAAGGCGTACAGCAGGCACTGTTGAAACTGATCGAAGGTACGG TAGCTGCTGTTCCACCGCAGGTGGGCGTAAACATCCGCAGCAGGAATTCTTGCAGGTTGATACCTCTAAGATCCTGTTT GACGGTAAAAGCGAAGTCCGACAAAGCAAGCGAAGGCGAGCTGCTGGCGCAGGTTGAACCGGAAGATCTGATCAAGTTTG CTCAAAGAGCCGAAAAACGCCCTGACCAAGCAGTATCAGGCGCTGTTTAATCTGGAAGGCGTGGATCTGGAATTCCGTGA CACTGCTCGATACCATGTACGATCTGCCGTCCATGGAAGACGTCGAAAAAGTGGTTATCGACGAGTCGGTAATTGATGGT AGTTAACCAAAAAGGGGGGATTTTATCTCCCCTTTAATTTTTCCTCTATTCTCGGCGTTGAATGTGGGGGAAACATCCCC ATATACTGACGTACATGTTAATAGATGGCGTGAAGCACAGTCGTGTCATCTGATTACCTGGCGGAAATTAAACTAAGAGA GAGCTCTATGAATCCTGAGCGTTCTGAACGCATTGAAATCCCCGTATTGCCGCTGCGCGATGTGGTGGTTTTATCCGCACA TGGTCATCCCCTTATTTGTCGGGCGGAAAAATCTATCCGTTGTCTGGAAGCGGCGATGGACCATGATAAAAAAATTATG  $\tt CTGGTCGCGCAGAAAGAAGCTTCAACGGATGAGCCGGGTGTAAACGATCTTTTCACCGTCGGGACCGTGGCCTCTATATT$ ACAATGGCGAACACTTTTCTGCGAAGGCGGAGTATCTGGAGTCGCCGACCATTGATGAGCGGGAACAGGAAGTGCTGGTG CGTACTGCAATCAGCCAGTTCGAAGGCTACATCAAGCTGAACAAAAAATCCCACCAGAAGTGCTGACGTCGCTGAATAG AGATGTCCGACGTTAACGAACGTCTGGAATATCTGATGGCAATGATGGAATCGGAAATCGATCTGCTGCAGGTTGAGAAA  $\operatorname{CGCATTCGCAACCGCGTTAAAAAGCAGATGGAGAAATCCCAGCGTGAGTACTATCTGAACGAGCAAATGAAAGCTATTCA$ GAAAGAACTCGGTGAAATGGACGACGCCGGACGAAAACGAAGCCCTGAAGCGCAAAATCGACGCGGCGAAGATGCCGA AAGAGGCAAAAGAGAAAGCGGAAGCAGAGTTGCAGAAGCTGAAAATGATGTCTCCGATGTCGGCAGAAGCGACCGTAGTG CGTGGTTATATCGACTGGATGGTACAGGTGCCGTGGAATGCGCGTAGCAAGGTCAAAAAAGACCTGCGTCAGGCGCAGGA TCGACAAAATGTCTTCTGACATGCGTGGCGATCCGGCCTCTGCACTGCTTGAAGTGCTGGATCCAGAGCAGAACGTAGCG TTCAGCGACCACTACCTGGAAGTGGATTACGATCTCAGCGACGTGATGTTTGTCGCGACGTCGAACTCCATGAACATTCC GGCACCGCTGCTGGATCGTATGGAAGTGATTCGCCTCTCCGGTTATACCGAAGATGAAAAACTGAACATCGCCAAACGTC ACCTGCTGCCGAAGCAGATTGAACGTAATGCACTGAAAAAAGGTGAGCTGACCGTCGACGATAGCGCCATTATCGGCATT ATTCGTTACTACACCCGTGAGGCGGGCGTGCGTGGTCTGGAGCGTGAAATCTCCAAACTGTGTCGCAAAGCGGTTAAGCA GTTACTGCTCGATAAGTCATTAAAACATATCGAAATTAACGGCGATAACCTGCATGACTATCTCGGTGTTCAGCGTTTCG ACTATGGTCGCGCGGATAACGAAAACCGTGTCGGTCAGGTAACCGGTCTGGCGTGGACGGAAGTGGGCGGTGACTTGCTG ACCATTGAAACCGCATGTGTTCCGGGTAAAGGCAAACTGACCTATACCGGTTCGCCGGGGAAGTGATGCAGGAGTCCAT TCAGGCGGCGTTAACGGTGGTTCGTGCGCGTGCGGAAAAACTGGGGATCAACCCTGATTTTTACGAAAAACGTGACATCC  ${\tt ACGTCCACGTACCGGAAGGTGCGACGCCGAAAGATGGTCCGAGTGCCGGTATTGCTATGTGCACCGCGCTGGTTTCTTGC}$  ${\tt CTGACCGGTAACCCGGTTCGTGCCGATGTGGCAATGACCGGTGAGATCACTCTGCGTGGTCAGGTACTGCCGATCGGTGG}$ TTTGAAAGAAAACTCCTGGCAGCGCATCGCGGCGGGATTAAAACAGTGCTAATTCCGTTCGAAAATAAACGCGATCTGG AAGAGATTCCTGACAACGTAATTGCCGATCTGGACATTCATCCTGTGAAGCGCATTGAGGAAGTTCTGACTCTGGCGCTG CAAAATGAACCGTCTGGTATGCAGGTTGTGACTGCAAAATAGTGACCTCGCGCAAAATGCACTAATAAAAAACAGGGCTGG TGTAAGGGGATGGCTGGCCTGATATAACTGCTGCGCGTTCGTACCTTGAAGGATTCAAGTGCGATATAAATTATAAAGAG GAAGAGAGAGTGAATAAATCTCAATTGATCGACAAGATTGCTGCAGGGGCTGATATCTCTAAAGCTGCGGCTGGCCGTG  $\tt CGTTAGATGCTATTATTGCTTCCGTAACTGAATCTCTGAAAGAAGGGGGATGATGTAGCACTGGTAGGTTTTTGGTACTTTT$ GCCGTTAAAGAGCGTGCCGCTACTGGCCGCAACCCGCAGACCGGTAAAGAGATCACCATCGCTGCTGCTAAAGTACC GAGCTTCCGTGCAGGTAAAGCACTGAAAGACGCGGTAAACTAAGCGTTGTCCCCAGTGGGGATGTGACGAAGTTCAAGGG  TCACAATAGGCCTTTGCGCGCATCGATACGTTGCGTGAGGTACACAGTCATCTACAGCGGAGTGTTGTTACACCATGATG GACAGCTTACGCACGGCTGCAAACAGTCTCGTGCTCAAGATTATTTTCGGTATCATTATCGTGTCGTTCATATTGACCGG  ${\tt CGTGAGTGGTTACCTGATTGGCGGAGGCAATAACTACGCCGCAAAAGTGAATGACCAGGAAATCAGCCGTGGGCAATTCG}$ TATATGAAAACCCTGCGTCAACAGGTGCTGAATCGTCTGATCGACGAGGCGCTGCTGGATCAGTACGCACGTGAGCTGAA GCCGCTATAACGGTATCCTCAACCAGATGGGGATGACCGCCGATCAGTACGCCCAGGCGCTGCGTAACCAGCTCACTACC GCTACTACGAACAAAACAAAACAATTTCATGACGCCGGAACAATTCCGCGTGAGTTACATCAAGCTGGATGCCGCAACG ATGCAGCAACCGGTTAGCGATGCGGATATCCAGAGCTACTACGACCAGCATCAGGATCAATTCACCCAGCCGCAGCGTAC  ${\tt CCGCTACAGCATCATCCAGACCAAAACTGAAGATGAAGCGAAAGCGGTACTTGATGAGCTGAATAAAGGCGGTGATTTTG}$  $\tt ATCCCGGACGAACTGAAAAATGCTGGTCTGAAAGAAAAAGGCCAACTGTCTGGTGTCATCAAATCTTCGGTCGTTTTCCT$ GATTGTACGTCTGGACGACATTCAGCCAGCGAAAGTGAAATCGTTAGACGAAGTACGTGACGACATTGCGGCGAAAGTGA TCACCGTAGACGGCGACCGCGCATTCGTGCTGCGCATCAGCGAGCACAAACCGGAAGCGGTGAAACCGTTGGCAGATGTT TTTGAAAGCCGCCAAAGGTGCGGAAGCTATGCAGGCTGCCGGTCTGAAATTTGGCGAGCCGAAAACCTTAAGCCGTTCCG GTCGTGACCCGATTAGCCAGGCGGCGTTTGCACTGCCACTGCCAGCGAAAGACAAACCGAGCTACGGTATGGCGACCGAT ATGCAAGGTAATGTGGTTCTGCTGGCGCTGGATGAAGTGAAGCAAGGTTCAATGCCGGAAGATCAGAAAAAAGCGATGGT GCAGGGTATCACCCAGAACAACGCACAAATCGTCTTTGAAGCTCTGATGAGTAACCTGCGTAAAGAGGCGAAAATCAAAA TTGGCGATGCGCTGGAACAGCAATAATCCTGAAGCCGCCTCGCAAAAAAATGCGTTGCAGCTGTAACAAGAAAAGGTCGC TTTCGCGGCCTTTTCCATTTCTGAACATTGCCATTTGTTTACTGTTTTCACTGCCGTTAAGGTGATTCCACTGTTAACAA ACAAGGAGAAACAGTATGAAACACGGAATTAAAGCACTGCTCATTACCCTGTCCCTGGCCTGTGCCGGAATGTCTCATA GCAGTACCGGCGAAAGCCAGTGACGAAGAAGGCACCCGGGTCAGCATTAATAATGCCAGCGCGGAAGAGCTAGCCCGCGC GATGAATGGCGTTGGCCTGAAGAAAGCGCAGGCGATTGTCAGTTATCGCGAAGAGTACGGTCCGTTTAAAACTGTGGAGG GTGGCAATTTTTTGCCAGACTGAAGAGGTCATACCAGTTATGACCTCTGTACTTATAACAACAACGTAAGGTTATTGCGC TATGCAAACACAAATCAAAGTTCGTGGATATCATCTCGACGTTTACCAGCACGTCAACAACGCCCGCTACCTTGAATTTC TCGAAGAAGCCCGCTGGGATGGGTTGGAAAATAGCGACAGTTTTCAGTGGATGACGGCCCATAACATCGCCTTCGTCGTG CGGTAAAAGCGGCATCTTAAGCCAGGTCATTACACTGGAGCCGGAAGGGCAGGTGGTAGCGGATGCGCTTATTACGTTTG TTTGTATTGATCTTAAAACGCAGAAAGCATTAGCTCTGGAAGGGGAATTGCGCGAAAAGCTGGAGCAGATGGTTAAGTAA  $\tt CCGTCGCCTTTAAAGCCGTTATAGCAGGTCAACGTTTCGTTACGGACTAAATCCAGTTTGCCGTAATAATCTGCCAGCGC$  $\tt CCAGGTTTCCGCTTTATCAATCCACATCAGCGGCGTTTCAAAACGAATATCTTTCGCCATGCCCAAACTGACGGCATGGT$ TTAGTGCTTTCACAAACTCATCGCGGCAATCCGGGTAGCCGGAGAAATCCGTTTCGCAGACGCCAGTAATTACGGCTTCTGCTTTTACCTGATACGCATATATTGCCGCCAGCGTCAGGAACAAAATATTACGCCCTGGGACAAACGTATTCGGGATACC ATCGGCTTCAGGTTCATAATCAGGCACCGGAATGCTGTCACGCGTCAGGCTACTGACCGCCAGCTCGTTGAGCAGGGTGA  ${\tt CCGTAATCGAACGTCACGCAATGGACTTCATCATATTGTTGTTAATGCCTGCACCAGACAGGTGGTGGAATCCTGACCTCC}$  ${\tt ACTGAACACAGCACGTTTCATAGATAATCCTGCTTGAACAATAAAAGCGTTATGGTAACGCCTGCGATTAACCCC}$ GGACCAGCTATTCATTGCGATGGCGCGGGAAGCCAGGCTTCGGTAAATTCAAACCAGCCGCGCGGTGTCAGTCGCACACC GTTCACGCCGGGAGGGCACTAATGCGATAGTGATAGTTGAACAGCGGCGTCAGCGTCGCATCTGTCATTAACTGGCTAA TATGCTGGAGCGTCGAAAACATGTGGCCACAGCGGATCGCAGCGCACTTGCTCCAGAGTATATTCCGGTGCTTCGCC AATTAATCTGTCGCCCATCATGAGGTCTGCGTGTGCCTGTAGGGTCGTCCCCAGTTTTTTGCGTTATGAAAAATAA TTGTGAGTTCACAGCCTTCCGCTGCCAGTGTCGCCTGTAGGCGTTCTGCCATGGTATGAAGTTCTATCGGTAGGTGATAA ACCAGCGTCAAGGTTTTCGGTAGTTTGACTTCATCCGGTACCTGCCAATGCGGAATAGTCCAGCCTGGCAGTAATGCATG  ${\tt CCTGCCAGAGGGAGATCGGGGACTTTTGCGCAACGTCAAATAGCAAAAACCTAAACTGATGCCGCTACTGACCTGGCTG}$ GCTCTGCTGTGAATTGTGTTAAGCGAAAAGGACCCGTGCCGATCAGTGGGAATTGCGGATGCGCCAGATGGCTGCAATAG CTTCACGCTAATAAATAATTGATCCAGTGCTGGCAGTTGTAACAGCATCAATAATCGCTGGTGTAAGTGTGAGGCTTTTA
TGCGCTAAATCGCCAATCGGGCGCTGAGTATTATTATCGAAGCGGGTCAGGCCGGAAAATATCTGCCCGGCGAGATGCTG TTTGCCATTGTCCGCCCATAAACGGCTGTAACAGAGTGCGCAGCTCACCTGGGGCCAGTTGCGCCAGCTCCAGCACATCT TGCTGCTTTCCGGTTTCCAGTGCCTGTTCCATCATCGCATTGCGTAGCGATTCCGGCGTGACCAGAAAGCGTAATTGTCC GCGCTTTCCGCGTCCTGACTGCCCCTCCCACCCATCCCGCCTCCTGTGCCTGACGCAACAGCGTACGAACATGGC TGATACTGGTTAAGACGGTTGAGCAATCGCATATAAACCCGGAACAATATTATTTAACTATTCACTATTACTTCCGTATA TGGCACTTTATTGATGCCCGACCATCATTTAGGTGAGAAAACCCTCTCTACTTTGGCGCGACTGCGTGAACGCGACATTA  $\tt CCCTCACTTTTGCCACGGGGCGTCATGCGCTGGAGATGCAGCATATTCTCGGGGCGCTATCGCTGGATGCGTATTTGATT$  $\tt CTGCGTTGTTGCAGGCATTTGTCTATAGCGGTTTTCGTTATCAGATAATCGATGTCAAAAAAATGCCACTCGGCAGCGTC$ ACATTTGTGTTTTTCCGCCACGGATTGCCTCGAAGTGCTGCCGGTGGGCTGCAATAAAGGCGCTGCATTGACGGTGCTGA  $\tt CCCAACATTTAGGTTATCGTTGCGCGATTGCATGGCCTTTGGTGATGCGTGAACGATCGCGAAATGTTAGTCAGCGTC$ GGTAGCGGATTTATTATGGGCAATGCGATGCCGCAACTGCGCGCGGAGCTCCCGCATTTACCGGTGATTGGACATTGCCG AAATCAGGCTGTCTCTCACTATTTGACGCACTGGCTGGACTATCCACATCTACCTTATTCCCCCGAATAACGAGATCCCT TCCAGCACCGGGCAATTGCCCGGTTTTTTTTTGCGTTGAATTTGTCATTTTTTTGTGCCGTGGTGTTTAAACCGCACAGAATAA ATTGTCGTGATTTCACCTTTAAAATTAAAAGTAAAAATTCTCTGTGGAAGGGCTATGTTAGATAAAATTGAC CGTAAGCTGCTGGCCTTACTGCAGCAGGATTGCACCCTCTCTTTGCAGGCACTGGCTGAAGCCGTTAATCTGACAACCAC  ${\tt CCCTTGCTGGAAGCGCCTGAAACGGCTGGAGGACGGCGTATCCTTATCGGCAAAGTCGCCCTGCTGGATCCGGAAAAAA}$ TAGGCCTCGGCCTGACCGCTTTTGTCGCTGATAAAAACGCAACATCACAGCAGCGGAATGGTATTGCCGCTTTTGTCACGGTG GTTACCGAAATGCCAGAAGTGCTGGGGTTCTGGCGCATGGCTGGTGAATACGATTATCTGATGCGCGTCCAGGTTGCCGA  $\tt CATGAAACGCTACGACGACTTTTATAAGCGTCTGGTAAACAGCGTGCCGGGGCTGTCGGACGTCACTTCCAGCTTCGCGACGTCACTTCCAGCTTCGCGACGTCACTTCAGCTTCGCGACGTCACTTCAGCTTCGCGACGTCACTTCAGCTTCGCGACGTCACTTCAGCTTCGCGACGTCACTTCAGCTTCGCGACGTCACTTCAGCTTCGCGACGTCACTTCAGCTTCGCGACGTCACTTCAGCTTCGCAAACAGCGTGCCGGGGCTGTCGGACGTCACTTCCAGCTTCGCGACGTCACTTCAGCTTCGCGAAACAGCGTGCCGGGGCTGTCGGACGTCACTTCCAGCTTCGCGAACGTCACTTCAG$  $\tt CTGCAACTGGTTCCGCCAAAAGTGGTTGGTATTGTTGTCGATGGCGTGACAGAACACTTTACTACCGGGCAGATCCT$ GATGTGGATCGCCACCATGGTGCTGATTGCCGTTGTGGTTTATCTCCTGCGTTACGTCTGGCGGGTATTGCTGTTTGGTG GCTGGTGGATTCACTGGTGATGGGCTGCGCTGTGTTGATTATGATGTCTACGCAAATTAGCTGGCAGTTGACCTTATTTT GCGGCGTTTTCCAGTCTTAATGACCGCACCCAGGAAAGCCTCACCAGTATCCGCATGATCAAAGCCTTTGGTCTGGAAGA

AGTTTAACGCTGGGCCAGCTCACCAGTTTTATGATGTATTTAGGTCTGATGATTTTGGCCAATGCTGGCGCTGGCATGGAT GTTTAACATTGTGGAACGTGGTAGTGCTGCGTACAGCCGTATTCGCGCGGATGCTGGCGGAAGCGCCGGTGGTGAACGATG GTAGCGAACCGTGCCGGAAGGGCGTGGCGAACTGGATGTAAATATTCACCAGTTCACGTATCCGCAGACTGACCATCCT GCGCTGGAAAACGTCAATTTCGCCCTGAAACCCGGTCAGATGCTGGGTATCTGCGGGCCGACTGGTTCCGGCAAAAGTAC  $\tt CCTGTTGTCGCTCATTCAGCGTCATTTCGACGTCAGCGAGGGGGGATATTCGCTTTCATGATATTCCTCTGACGAAGTTAC$ GCGCTGGGTTGCCCGAATGCCACCCAGCAAGAGATTGAGCATGTCGCGCGGGTTAGCCAGCGTACATGACGATATTTTGCG TCTACCGCAAGGTTACGATACAGAGGTGGGCGAGCGCGTGTGATGCTTTCCGGCGGGCAAAAACAGCGTATCTCCATTG ATCCTGCATAACCTGCGTCAGTGGGGGCAGGGAAGAACGGTAATCATCAGTGCCCATCGCCTTTCTGCACTGACGGAAGC CAGTGAAATTATTGTGATGCACCACGGACATATCGCCCAGCGTGGCAATCATGATGTGCTGGCACAACAAAGCGGCTGGT ATCGCGATATGTATCGCTATCAACAACTGGAGGCGGCGCTCGACGACGCTCCGGAAAATCGCGAGGAGGCCGTCGATGCG TAGTTTTAGCCAACTGTGGCCGACTCTCAAGCGCCTGTTAGCGTACGGTTCGCCGTGGCGTAAACCGCTGGGGATTGCGG TCCTGATGATGTGGGCTTGCGGCGGCGGCAGAAGTCAGTGGGCCGCTTCTTATCAGCTATTTTATCGACAATATGGTAGCG TACGCCAGCCATTAAGCGAGTTTGATACCCAACCCGTCGGGCAGGTGATTTCCCGCGTCACTAATGACACTGAAGTGATC GCACGCCGATTGTCCGTCGTGTGCGCGCCTATTTGGCGGATATCAACGACGCCTTTAACGAAATCATCAATGGCATGAC GTTATCCAGCAGTTTCGTCAGCAGGCGCGATTTGGCGAACGTATGGGGGAGGCCAGTCGTTCACACTATATGGCGAGGAT TGCTGTTTGGCTTCTCCGCCAGCGCACCATTGAAGTGGGCGTGCTGTATGCGTTTATCAGCTATCTTGGGCGACTTAAC GAACCATTAATCGAACTGACCACGCAACAGGCGATGCTGCAACAGGCTGTTGTTGCTGGTGAGCGCGTGTTTGAACTGAT GGACGGACCGCCAGCAATATGGCAATGATGATCGCCCGTTACAGAGTGGCACCATCGAAGTCGATAACGTGTCATTTG CTTATCGCGATGACAATCTGGTGCTAAAGAACATTAATCTCTCTGTGCCTTCGCGCAATTTTTGTGGCGCTGGTCGGGCAT ACCGGCAGTGGCAAAAGCACCCTCGCCAGTTTATTGATGGGCTATTACCCGCTAACGGAAGGTGAGATTCGCCTTGATGG TCGTCCATTAAGTTCGCTAAGTCACAGCGCGCTGCGCCAGGGCGTGGCAATGGTGCAGCAAGATCCGGTGGTGCTGGCGG ATACCTTCCTCGCCAACGTGACGCTGGGGCGGGATATCTCCGAAGAACGCGTCTGGCAGGCGCTGGAAACCGTGCAACTG GCGGAGCTGGCGCGTAGCATGAGCGACGGTATTTACACGCCGCTGGGCGAGCAGGGGAATAATCTCTCAGTTGGGCAAAA GCAACTGCTGGCACTGGCGCGCGTGCTGGTCGAGACGCCGCAAATCCTGATCCTTGATGAGGCAACCGCCAGCATTGACT  $\tt CCGGTACTGAACAGGCGATTCAACATGCTCTGGCGGCGGTGCGTGAACATACCACGCTGGTAGTGATTGCTCACCGCTTA$  ${\tt TCGACCATTGTTGATGCCGACACCATTCTGGTGCTTCATCGTGGGCAAGCCGTGGAGCAGGGCACTCACCAGCAACTGCT}$ AATCATTGAGCGCCTGAATAGCGCAATATTTCATCGTTGGTGCAAAAATGTAACGCACTGTGCACTGTCATAGTGCGTTT AGCAGAACCATTACCGAATTCTGACCGGAGGGGATCTATGAAGCTGGTGACCGTGATAATCAAACCATTCAAGCTGGAAG CATGCCGAGCTGTACCGGGGGGCGGAATACAGCGTCAATTTCCTGCCAAAAGTAAAAATTGATGTGGCGATTGCTGATGA  ${\tt CCAACTCGATGAAGTGATCGTCAGTAAGGCGGCTTACACCGGAAAAATTGGCGACGGCAAAATCTTCGTCGCTG}$ AATTGCAACGCGTCATTCGTATTCGTACCGGCGAAGCCGACGCGCGCTGTAATCTCTGGCACACAGCAACAGGAAC GAAAAATGAAGATAGCGACGATAAAAACTGGGCTTGCTTCACTGGCGATGCTTCCGGGACTGGTAATGGCTGCACCTGCG  $\tt GTGGCCGATAAAGCCGACAATGCGTTTATGATGATTTGTACTGCGCTGGTGCTGTTTATGACTATTCCGGGGGATTGCCCT$ GTTTTACGGTGGGTTGATTCGCGGCAAAAACGTGCTGTCGATGCTGACGCAGGTGACGTGACATTTGCACTGGTCTGTA TTCTCTGGGTGGTTTACGGTTACTCGCTGGCGTTTTGGTGAGGGCAACAACTTCTTCGGCAACATTAACTGGTTGATGCTG  GGCACCGTGGTGCACATTAACGCCGCAATCGCCGGTCTGGTGGGCCGCTATCTGATAGGAAAACGCGTGGGCTTCGGTAA AGAGGCGTTTAAACCGCACAACCTGCCGATGGTCTTCACCGGGACTGCCATTCTCTATATCGGTTGGCTTTAACG  ${\tt CCGGGTCAGCGGGCACGGCGAATGAAATCGCGGCACTGGCATTTGTGAATACTGTGGTCGCAACGGCGGCGGCAATTCTT}$ GGCTGGATCTTCGGTGAATGGGCGCTGCGTGGTAAGCCTTCACTGCTGGGGGCGTGTTCTGGCGCGATTGCCGGTCTGGT  $\tt CGGCGTGACGCCAGCCTGCGGCTACATTGGGGTTGGCGGCGCGTTGATTATCGGCGTGGTAGCTGGTCTGGCGGGCTTGT$ GGGGCGTTACCATGCTCAAACGCTTGCTGCGGGTGGATGATCCCTGCGATGTCTTCGGTGTGCACGGCGTTTGTGGCATT GTCGGCTGTATCATGACCGGGATTTTTGCCGCCAGCTCGCTGGGCGTGGGCTTCGCTGAAGGTGTGACGATGGGCCA TCAGTTGCTGGTACAGCTGGAAAGCATCGCCATTACGATCGTCTGGTCCGGTGTTGTGGCATTTATCGGCTACAAATTGG TATAACGCGTAACAAGCACTGCAAAAAACAGCCGGACGGTTTTCACCTCCGGCTATTTTTTTAATTGTGATTACGCATCA GGCAATCTGAATCCCCGGTTCGAGAAAACCGATGCCGTGCGGCTGTAGAGCTACCGGCAGGAAGTTAAGATCAGAAGCGT AACCGAGCAGATACTGATGAACGCGCAGGTCATCCGGCACGCTACCATTTGCGCGGATCCACACCTGACGATGTGGTTCT TTGTTTTTTGATGTTCGAAACCCGCTTCTGGTGCCTGGAAAGAGGCCAGTCATATAAAAAATCGGTTTTGCCGTTTTGAATA AGGGCGAAGAAAGTAGCTGTGAAACGAATGTACCAGCCGCTCTTCAGGGACGGTCTCTTTTGCAGCATACAAGGCCTGAC AGATTTAACAATGTCAGTAAATTTTTTAGCGCCTGACTCATATAACTCTCCAGTAACAAAGCTGCCGCAGCAAGCCAAAG TGAGTTGAGTATAACGCAAATTTGCTACTGGTCCGATGGGTGCAATGGTCTGAATTACGGGCTAATTACAGGCAGAAATG  $\tt CGTGATGTGCCACACTTGTTGACGTTACTATTTTGTTAACCACTCTTCCGGCGAGGAAAGTTAGCCCGCTGGTGCATT$ GATAATAAGGAGAAATGAAACTCGTGCACATGGCCAGTGGTTTAGCGGTTGCGATTGCGTTGGCGGCTTGCGCAGA TAAAAGCGCGGATATTCAGACGCCAGCACCGGCTGCAAATACGTCTATTTCAGCAACAACAACAACCAGCTATCCAGCAAC CGAATGTCTCCGGTACCGTCTGGATCCGTCAGAAAGTCGCACTGCCGCCTGATGCTGTGCTGACCGTGACACTTTCTGAC GCGTCGTTAGCCGATGCACCGTCAAAAGTGCTGGCGCAGAAAGCGGTGCGTACTGAAGGTAAACAGTCACCATTCAGCTT TGTTCTGTCATTTAACCCGGCAGATGTTCAGCCGAACGCGCGTATTCTGTTGAGTGCGGCGATTACCGTGAATGACAAAC TGGTATTTATCACCGATACCGTTCAGCCGGTGATCAACCAGGGCGGAACTAAAGCCGACCTGACATTGGTGCCGGTACAG TTCGGCAGTTCCAGCTCCTACGCAATATTAAGCGACGTTAACCCTCTCCGCCCGGAGAGGGTTAGTAGTTCCAGCGATAA CGCTGCAAGTCGATTTGCCCGCTTCCCGATACCATCACACCTTCTGCCAGTAATGCCTGTCGCTGACGCTGTAAATCCGG TCCGGTTAGCGAAATTGTGCCGTGGCGATTAACCACCCGGTGCCAGGGTAAGGTGCTGCCTTCAGGGAGACGCTTTAACA CACCGCCCACCTGGCGCGCGGGGGGGGGGTCCCGCCAGTTTCGCCACATCACCGTAAGTGGTGACATAGCCTTCGGGA ATAATCTGGAAAAACGCCCGAGTGAAGTCGCATTGCGCAAGAAACCAGCATCTGGCACGCGATGGGTTGCAATTAGCCGG GGCAGCAGTGATAATGCGCCTGCGCGTTGGTTCTCAACGCTCTCAATGGGGGCTCTGTTGGTTCTCCCGCAACGCTACTC TGTTTACCAGGTCAGGTCCGGAAGGAAGCAGCCAAGGCAGATGACGCGTGTGCCGGGATGTAGCTGGCAGGGCCCCCACC CATTTCTGCCTCCCACCGTTTCGTCAAAAAATCCCAACATGGCTAAACTTTAACCACAACTGACGTCGCAAGAATTGTCT GGCTGCGCAGTACGCTTCGGAGGTATGTCTGATGAAGTATGTTGATGGTTTTGTGGTTGCCGTTCCTGCCGATAAAAAGG AGCGATGTACCGGATGGCAAAGTGACCGATTTTCGTATGGCGGTGAAAGCGGAAGAATGAAGAGGTTGTCTTTAGCTG GATTGAATACCCTTCAAAAGAGGTCCGCGACGCTGCTAATCAAAAGATGATGTCGGACCCACGGATGAAAGAGTTCGGCG AGTCCATGCCGTTTGACGGCAAGCGAATGATCTATGGCGGATTCGAGTCAATCATCGACGAATAGGTAGCGTGACGGGCT GTGCGGCGTGCCGTCAGCCCAAAAATTCACAAATGTTGCTCGGCCCAGCGTAAGAATCTTCTTTCGGTAATGCCTTGCT GTAGAGCCAGCCCTGACCGTAGTGCACGCCATGCTGGCGTAACCACTCTTCTTGTTTACTGGTTTCGATTCCCTCCGCTA  ${\tt CCATTTTCAGTTTTTGCCATTTCGATGATATGCGGCGTGACATTTTTATATTCCAGCGCATCAACGAAAGAT}$ TTATCGATCTTCAGAATGTCGACATCCAGATCCTGTAAATAACTTAAACTTGAATACCCCGTACCAAAATCATCAAGATA  ${\tt AATTTCATGGCCCGCCTCCCGGTAGCGAGAAATTATCGGGGCGCTGGTTTTCGGATCGCCAAACTCGCGTTCAGTGAGTT}$  ${\tt ACGGGGGATTCAAGATTGATCGAAATATGCTGCTGTGGATGCTGACGCAGCCAGTCGCCCATATCTTCAAAGACGCTTCT}$ CGTCTGTCTGCGGCCAGCGCCCAGTGCCTCAGCACCGACAATTTTGCCATTGGCTAAGGAGACAATCGGCTGATAGTGC  ${\tt ACGCAAATATCACGATTTTCGATAGCATCCTGCAGCCGATGATGCGGTGACTGAATACGGCGCAAAATACGCAGCACAAA}$  $\tt CATCGCTGCCAGCCGATCACCCAACCCGAGCGGTAACCAAATAAAGACTTGCCGATGCCAGCCTTTCTGCAACATTT$ TCGTTGAAGCCCATGTGATGATCGAAATATTCATCTCCGGTAAGGGCAGGATATCGTAAATGATTCCATTATTTTCGATA TGCTCACCGGGTGTTTTTTGTAGCCTGGTAATAATTCCCTGAGCAATTTCATCGCTGCTGGTTATGACAACGTTATGGGC ATTGCCAATAATGGCGGCATCAATTTGCCATGAGCTATAGGGAATGACATCAATAAAGGAAGCGGGGTCGATCATGACGA CATAATGTGCCGTTCCCATGGCGACCATGTAACGGATAATGCCTAAATCGTTATGCGATGTTAACCAGACACGATAACCA TCTTTCGAAATTTTACCTGGCTCGGGGAAGGTATCGGGCGGACTTTCATGCTCCAGAGACGAACACTGGGGAACGTTGTT ATCGATATAAGCCACTTCCTGAATATAGCGATAACTGTAAGATACCCGACGCATTTCCATGAGATGGGCTTCGCTACAGG CAATACTGAAAGAATCAGTACTCCCGAAATAAGGCCGACCAGATGTCGTGTTCTCACCAGCATATCCTTATTAACACAGT GGAAACGATCATTGTCATTTGACCAGGCGCAGAGCTTTACGCCTGGTATGTAACCCTAACTTAAGATGTTGATTCGGCGC GAGCGAGGGTAAAAATATCGTAAAAAGACAGTTCACCTTTACGGACGATCATTTTTTTGCAGTTGTTCCTTATGAACATCC GCGACACGCGGAGAGTTCAAGATGGCTTCAACCAGCGCGGCAGGTACAAAGCGCGTGTTGTACCATTCGCCGTTATAGCA AACGCGGAAATCCAGCACGTCGATATCTTCATAGCGGTAGCGTGGGTAGACATCGAAAAAGAAGAAAACCATTAAGCAGGA GGTATTCAGAGACTCAATCGTTTCGGTCAGCAGGCGTTGTATTTCGGTCATCGTTTGCCTTCGTGGTATCTGCAACTTTC  $\tt CAGGGAACACCCTATTTTAACGTGGGAATAGTAGAGGGGAAGTAACAGATCTACCACAATTTTGCATAACAGTTGCGAAA$ CACCTGAGGCTACCACGACGTTATCACCAATGGTCACACCAGGGTTAATGACCGCGCGTCCGCCAATCCAGACGTTATTA  ${\tt AACGCCTGGTGCCAACATACAGTTATCACCGATGCGAATAGGGCAGACATCAAGCATCACGCAATCGAAGTTGGCGAAAAA}$ AATTATTACCGAGAAAAATGTTATAGCCATAGTCACAGCGAAACGTTGGCTCAATATAAGCCTCTGTCACCTGACCGAAT AGATCAGCGAGAATTTGCTGGCGTAATGTGTGCTCTTCCGCCAGGGAATGATTGTATCGGTGAATAAGCTGACGAGCGCG  $\tt CAGGCGATCGCGAGATAACGTCTCATCTGCCGAGCGATACAACTCACCAGCAATCATCTTTTCTTTTTCTGTGCTCATTA$  $\tt CTGACCTCCGGTTGCTGAAAATGCGGCAACACAGTAAGACGAAAAGTCAGTGAAGAACGTTCCCATTACATCTGTGTG$ ATAAAGATCACATAGGGTATGTCTTCATGGCGAAAAAGTATAAAATTCTTAATAAACAGCCGGTTATAGCTCCGAAAGCG AATTATTTATTAGCGAATAAATTTCCATACTGAGGAAGGGATCTTGTCGTACAGTTTATTCATGGTCAATTCGGCGAGGC GGTGATCTGCGGCTGAGTAAAATACCGCCAGTTCATTATCTGATAATTCGTATTTATCTTCTCGATAACACGCTCCAGC GTGTCAATTGTCTGGCAACGACGTAAACGCATTAAATAATCGGTTTTCGTTAAAGGTTTTTCGGACATACTTCTACCTAT GACTTCCGCCATTTCTGAAGATCCTGCATATTAATACCATAACTGCAGACAACATAAAGGTGTCATCCAGATATTCGTC GATCTGCTCAATGAGCTTATTGTCTTCATTATACTTAATTTTGTAATTAAGTGCGAAGGTCGCAATATGCTCAATCAGTT TGATACAGGGTTTCACAGAGAAACTTAAGCTGTGCGATATCATGTCTTTTGGGTGAGTATTCATCCATAACGCGTCCCCT TCTTAGCGGTTGAACTAACGGACACCTTTCGGGATGGAAAAAACTTACTGACCTGGACTTGCCCTCTCGTTTGTTAGCTT TTTTTCATACTAGCACTAACCCGCAGCAGGTAAAAGCAGTTTGCTCGAACTATTCATAACATTTCAGGATTATCGCCAGA  TTTTATGAATTTTATCCGTGGTTAATACTGGTTTTCGTATGAGATCCTGAGTTGGTGGTTCAATTACTCCTTAATGTTCG TAGGTTATGCATAAAAAAGGCCGCTTACGCGGCCTTAGTGATTACACGTTGTATCAATGATGATCGACAGTATGGCTGTG GGCATAACGCCGAGGATAAACGCCAGCGAGGTCATCAGGATCGGACGTAAACGCATCCGCACCGCATCAAGCGTCGCTTC  $\tt CCCAGCGGAACGACCAGCATAACGGAGAACGGAATCGACCAGCTCTCGTACAGCGCCCCCAGACACACGGAACACGACAAT$  $\tt CAACGAAATCGCGTACAGTGAAGGTGCCTGGTTGCCGGAGAGACGTTCCTGATAGGACATCCCCGTCCAGTCATAGCCAA$ GAATGCCACCATCTGACCATCAGCAGCACGAACATACCAGTCGCCGATATCATCCGGCAGCATACGGTATTTCGCTTCTG ACATGACATAAACTTTCTCACACGACCGCGGTCGATAAAGTCGTTCACATAGCTGCCGCCCCATGCAGCGCCCAGAGTG GTGTTAATGTCGTTGATAGAAACACCCAGCGCCTGCGCTTTTTCCTGGTCGATATCAATCTTAAACTGCGGGGTATCTTC GTTTTTCGTGACCAAGGCCAGCCTGGTCAATCAGCTCAAAGTCAAAGCCGGTTGCAGTACCCAGTTCCACGATTGCGGGC AGGTTAAAGGCGAAAACCATCGCATCTTTGATTTGCGAGAAAGCGCGTGTTGCACGCATGGTAATCGCTTCAACTTTGTT AGCCGTTAACGGCGAACACCGACTCAACGTTGTTCTTTTCTTTGGTCAGATAGTAATGCGTTACCTCATTGAGCACTTTC TGTGTACGTTCCTGCGTTGCACCTGCTGGCAGCTGAACCATGGTCATAAACACGCCCTGGTCCTCATCTGGCAAGAAGGA GCTTGGCAGACGCACGAACAGATAGGCCATGCCGACCACGATGATCAGATACAGCACCAGGTAACGCCCCGTACTGCGCA GAATACCGCCTACGCTGTCGGTGTGGTGCGTGCTCTTCTCGAACATGCGGTTAAACCAGCCGAAGAAGCCTTTTTTA GTACGAATACCGCCGACAGTACCATCGCGATACCGACCAGAGCGCCCTGAATCTGCCCCATCGACTTACGGGTAGCTTCT TTTGGCGGCAAACCTTCTTCCGCCATAACACGCTCAACGTTTTCTACCACAACGATGGCGTCATCCACCAACAGGCCGAT GGCGAGCACCATCCCGAACATTGTTAGCGTGTTTATCGAGAAGCCAAAGGCGGCAAGGACGGCAAAGGTCCCGAGCAATA ATCGCTTCGACCAGCGTTTTAACCACTTCGTGAATAGAGATTTTCACGAACGGCGTGGTGTCGTATGGGTAAACAATTTT  ${\tt TCGCCAGCTTGATCCCCAGACCGGAAGCCGGTTGGCCGTTAAACTCTGCGATGATGTCGTAGTTCTCACCACCCAGCTCAG$ ATCTTCGCGACGTCACGCAGCAGCACCCGGGAACCATCCTGATTCACTTTCAGCAGGATTTTGCCGAACTCTTCAGTAGA GGTCAGACGCGTCTGAGCAATAATAGAGGCGTTAAGCTGTTGGCCTTTCACCGGCGGCGTACCACCGAGCTGACCCGCCG ATCCAGATACGCATCGCGTACTGTGAACCGAACAACTGAACATCACCCACGCCCGACGTACGGCTGATGGCATCTTTCAT ATTCGCCGCCACGTAGTCGGAGATATCCTCCTGCGTCATGGTGCCATCGGTGTTGATAACGCCGACAACCATCAGGAAGC TGCTGGATGATTTCTCAACGCTCACCCCTTGCTGCTGAACTTCTTGCGGCAGCAACGGCATCGCCAGCTGCAGTTTGTTC TGCACCTGAACCTGCGCGATATCCGCATCAGTACCAGACTCAAAGGTCAGGGTGATCTGCACGGTACCCGTGGAGTCACT GTTAGAGGACATGTACATCAGGTTATCGATACCGTTCATATTCTGTTCGATAACCTGTGTCACCGTGTCCTGCACTGTTT TCGCATCAGCGCCGGGGTAGGAGGCGGAGATCGTTACTGCCGGCGGTGCAATCGTAGGATATTGCGCCACCGGCAGTTTG  ${\tt GCGGTAACTTCTTGTGCTTTTACCTGGACACCAGGACGCACTTTCTGCAGCCCACTTATTACTACGCGATCGCCTGCTTT$ CCTTCTTCCAGACGTGCGCGCACGAACATACCCGGCAGCAGAGTGTGATCCGGGTTCGGGAAGATAGCGCGTAGGGTGAT AGACCCAGTGGTCTGATCAACGGTAACGTCAGAGAATTCCAGCGTACCGTCCTGCGGGAACTTAATGCCGTCACTGGTGA  ${\tt TCAGTGACACTTTGGCGTTCTCTTGTTTCAGCGTGCCATTCGCCAGTTCCTGTTTCAGGCGCAGGAAGTCGTTG}$ TGCGCCTTCCGTCACGTTCGACTTACCAATGCGACCGCTAATCGGAGAGGTGACTTTGGTGTAAGCCAGATTGATCCGCG TTACTGATGTACTGAGTACCGAGCAGTTTCTGATAACGATTCACCGTCAATTGCGCGGATATTGGCTGCAGCCTGGGCTTT TGTCGCTACCTTCTTTGAAATTACGCTTCAGGATAATCCCGCTAACTTGAGGACGAACTTCTGCGATCCGGTAGGCACTG ACCTTGTTGGGCCTGTTTGTCGTCACATCCTGTTAGGGCTAAGCTGCCTGAGAGCATCAGAACGACCGCCAGAGGCGTAA ACCCTCTGTTTTTGTTCATATGTAAACCTCGAGTGTCCGATTTCAAATTGGTCAATGGTCAAAAGTTAATAAACCCATTG GGGGGTATCATCCACCTCGCTGGGCGAGATTGCAAAAGCAGCTGGCGTTACGCGCGGTGCAATCTACTGGCATTTTAAAG ACAAGTCGGATTTGTTCAGTGAGATCTGGGAACTGTCAGAATCCAATATTGGTGAACTAGAGCTTGAGTATCAGGCAAAA TTCCCTGGCGATCCACTCTCAGTATTAAGAGAGATATTAATTCATGTTCTTGAATCCACGGTGACAGAAGAACGGCGTCG ATTATTGATGGAGATTATATTCCACAAATGCGAATTTGTCGGAGAAATGGCTGTTGTGCAACAGGCACAACGTAATCTCT GTCTGGAAAGTTATGACCGTATAGAACAACGTTAAAACATTGTATTGAAGCGAAAATGTTGCCTGCGGATTTAATGACG  $\tt CGTCGCGCAGCAATTATTATGCGCGGCTATATTTCCGGCCTGATGGAAAACTGGCTCTTTGCCCCGCAATCTTTTGATCT$ TAAAAAAGAAGCCCGCGATTACGTTGCCATCTTACTGGAGATGTATCTCCTGTGCCCCACGCTTCGTAATCCTGCCACTA ACGAATAACCCTGAATCTGACTCCAGGATTTTTCCTGGACATTTTCGTCGTTGCTATTCTGGTTCACTGCGTCGTGATAT TCTTGCGGTTTGACTTTTCAGGTCGTTCTTCAGGTTCAGAAACCTTCATCATCATGACTATGTTCCAGTATTACAAAC TTCAGCTACGGCAAAAAGTCGCTGAAGCGCCGGAAAAAATGCGCCAGGCGACCGCGGCGTTAACAGCACTTAGCGATGTC GATAACGACGAAGAAACGCGCAAAATTCTGAGCACGCTGTCGTTGCCCAGCTGGAAACTCGCGTTGCCCAGGCGCTGGA AAAATGCGATGTATAACGCTTCGCAGCAGCTGCAACAACTTCGCAGTCGTCTGGATGGGACTGATGTCGGCGAGACAGCC TTACGTCCCAGCCAGAAAGTGTTAATGCAGGCCCAGCAGGCGTTGCTGAATGCGGAGATTGACCAGCAGCGTAAAAGCCT GGAAGGGAACACCGTCTTGCAGGATACCTTGCAAAAGCAACGTGATTACGTGACGCGAACAGCGCTCGTCTGGAGCACC AGTTACAACTGTTGCAAGAAGCGGTAAACAGCAAGCGCCTGACTTTAACCGAAAAAACGGCGCAGGAAGCCGTCTCCCCG GATGAAGCCGCGCGTATTCAGGCTAATCCGCTGGTGAAGCAGGAACTGGAAATTAACCAGCAGTTAAGTCAGCGTCTGAT AACGCAATATTAAAGAGCAGATTGCCGTCCTGAAGGGCAGCCTGCTGTTGTCTCGTATCCTTTACCAGCAACAACAACA GCGTGATGCACTCTTCCAGAGCGATGCGTTCGTCAACAAACTGGAAGAAGGTCACCAACGAAGTCAACAGCGAAGTTC ACGATGCGTTATTGCAAGTGGTTGATATGCGTCGCGAATTGCTGGATCAACTCAACAACAGTTGGGTAACCAGCTGATG CTTTTGGGTGAACAGTAACCGTCCAATGGACTGGGACTGGATCAAAGCGTTCCCGCAAAGCCTGAAAGATTAAGT CGATGAAAATCACGGTGAACTGGCAAAAAGCCTGGCCCGCCGTTTTTATCGCTTTCCTCGCTGGTTTGCCGCTGCTGTTG ATTGCCGGGCTGATCCACTGGCGTCTGGGCTGCAAAGCGTATCAACAAAAACTGGCTTCCGCTGTGGGTTCCCTGCG TAACGACAGCCAGCTCAACACCCAAAAGCGATCCTTATCGACCTGATCCGTGCCGGTGTGCCTGATTATTCTCG  $\tt CGGTTGGCCTGATTCTGTTGACCATGCAGCTCAACATCAGCGAACTGCTATGGTCGTTCAGCAAAAAACTGGCGATATTC$ GACCAGCCACTGGCGTCGGCAAATTGTCCGCATCAGTCTCGCATTGCTGCCTATCCATTTCTGGTCTGTGGTGGCAGAAC TTTCCCCGCTGCATCTGATGGATGTGCTGGGGCAAGCGATGATTTCTTCAACCTGCTGCTGATTGCCTTCCTGGTA TGGCCGATGTGCCGCGAAAGCTGGCGTGATAAAGAGTCGCACACCATGCGACTGGTCACCATTACCGTGCTGTCGATAAT   $\tt CGTCGTGCGCTGGCGGCAGAATCTGGTGAAAGAGGGCGCAGAAGGTGCTGAACCGCCGGAAGAACCCACCATTGC$ TTTGGTCCGATTTGATCACCGTGTTCAGCTATCTCGACAGCATCACGCTCTGGCATTACAACGGCACTGAAGCTGGCGCT TTAACTACATCATTATTGCTGTTGGTGCGATGACGGTGTTCGGATCGCTGGGCGTCTCTTGGGATAAACTCCAGTGGCTG GCCGCAGCATTATCCGTAGGTCTTGGTTTTGGTTTACAAGAAATTTTCGGTAACTTCGTCTCCGGTTTGATCATTCTATT CAACGATTACCGATTTCGATCGCAAAGAAGTGATCATCCCGAACAAAGCGTTTGTTACCGAGCGTCTGATCAACTGGTCG TTGACTGACACTACTACGCGTCTGGTGATCCGTCTCGGCGTGGCCTATGGCTCCGATCTGGAAAAAGTGCGTAAAGTGTT CGTTGGATCATGAGCTGCGTCTGTATGTGCGTGAACTGCGTGACCGTAGTCGTACTGTCGATGAGCTGAACCGTACTATC GATCAGCTGTGCCGTGAAAACGACATCAACATTGCCTTTAACCAGCTTGAAGTGCATCTGCACAACGAGAAGGGCGATGA GGTGACGGAAGTAAAACGCGACTACAAAGGCGATGACCCGACGCCAGCGGTAGGGTAAAAACGAAAGGGGGCAACATTTA GTTGCCCCGAGATTGCTAACAAAGTGCGCGTTGTTCATGCCGGATGCGGCGTGACCGCCTTATCCGGCCTACGAAACCGC  ${\tt AAGAATTCAATATTGCAGGAGCGGTGTAGGCCTGATAAGCGTAGCGCATCAGGCAGTTTTGCGTTTGCCCGCAACCTT}$  ${\tt AGGGGACATTTAGCGACCCCATTTATTTCTCACTTTTCCGCCTCATCATCGCGCGTTAATTTCTTTTCATAATCACGCTT}$ TACAATATCCAGCGCGCGCAGCACGGTACTGGCAGGGATCTGATTTTCCTCCAGCAGCACAATCAAATCGACAGCCAGTT TGACATCGTCAGGGGCATTTTCCAGTGACATATTCTCTCCATTGCTAGCGGGTTAAACGCGCTAACCTGTTTTCGATTTT TTCCAGCGCATGGCGGCAGCGTGCCAGGCGCGCTTCATAGGCTTCCACTTCACGATGCAGCGTTTGCTGTTCCACGAGAT CGGTCACCCGCGCCAGACGGCTCTGCGTTCGGCAACCATCTCACGTAGCCGCCGCTCAAAATCCTGATGCTGAATACGT  ${\sf TTACGCTGCCAGCGGGCAATTTTCGGTGGTGCACTGTCCCACTCGCGCAATGACCAGGCGGAGGCTTCACGCGCGATGGC}$ GGCGGTTTTCACGATAAGACCTCAATGAAAATGATAATTGTTATGCTAAAGTAGCCACTCTGTAAGCTGACAACACTCAA TATGCAACGAATCATTTTAATCATCATTGGCTGGCTGGCGGTAGTGCTGGGTACGCTGGGCGTGGTATTACCGGTATTAC TATTTTGCTCACGTTTGCCATTTCTCTGTGGTTCGTCCAGATGCCATGGTTGCTGCTATTTTCTCGCCT GTTTGCTTTTCTATATGTGGCGAATTCCGGTGATTGATGAAAAGCAAGAAAAGCACTGAAGCACAACAATCGCAGTTGCA ATTATTGCGTACAGCCAGTACATTCTGGCGTTTTCGAGCACAGGCGCAGGCGGTCAAAGGTTAAACAACTGTTACTTTTG ATACGTTTAAAACGCGCCGTGAGTACCACCGTAACAAGCAGGCATACACTTATGACCGCGACTGCACAGCAGCTTGAGTA TCTCAAAAATAGCATCAAAAGCATTCAGGACTACCCAAAACCCGGCATTCTTTTCCGCGATGTCACCAGCTTACTGGAAG  ${\tt ACCCGAAAGCTTACGCTCTCAGCATCGACTTGCTGGTTGAGCGTTACAAAAATGCGGGCATTACCAAAGTTGTCGGCACCC}$ GAAGCGCGTGGCTTCTTGTTTGGCGCTCCGGTAGCTCTGGGTCTGGGCGTTGGCTTTGTACCGGTCCGTAAACCGGGCAA  ${\tt AACCGGCGACAAAGTTCTGGTGGACGACCTGCTGCCAACCGGCGCACTATCGAAGCGACCGTTAAACTGATCCGT}$ CGTCTGGGTGGTGAAGTGGCTGACGCTGCGTTCATTATCAACCTGTTCGATCTCGGCGGCGAACAGCGTCTCGAAAAACA  ${\tt ACAAGATGTGCATTCAGCCTCGCCGTTCTGACGGGGCTGTGTTAGCATTACCCCTTCGTGAATCCACCTTCCAGCGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGCAGTTTCAGAGTTTCAGCAGTTTCAGAGTTTTCAGAGAGTTTCAGAGAGTTTCAGAGTTTCAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTCAGAGTTTTCAGAGTTTCAGAGTTTTCAGAGTTTTCAGAGTTTTCAGAGTTTTTCAGAGTTTTCAGAGTTTTCAGAGTTTTTCAGAGTTTT$ AGAGCCTGCCAATGAGTTATCAGGTCTTAGCCCGAAAATGGCGCCCACAAACCTTTGCTGACGTCGTCGGCCAGGAACAT GTGCTGACCGCACTGGCGAACGGCTTGTCGTTAGGGCCGTATTCATCATGCTTATCTTTTTTCCGGCACCCGTGGCGTCGG AAAAACCTCTATCGCCCGACTGCTGGCGAAGGGGGCTAAACTGCGAAACCGGCATTACCGCGACGCCGTGCGGCGTGTGCG ATAACTGTCGTGAAATCGAGCAGGGGGCGCTTTGTCGATCTGATTGAAATCGACGCCGCCTCGCGCACCAAAGTTGAAGAT ACCCGCGACCTGCTGGATAACGTCCAGTACGCTCCGGCGCGTGGTCGTTTCAAAGTTTATCTGATCGACGAAGTGCATAT   ${\tt CCGATCCACAGAAATTGCCGGTGACGATTTTGTCACGCTGTCTGCAATTTCATCTCAAGGCGCTGGATGTCGAGCAAATT}$ CGCCATCAGCTTGAGCACATCCTCAACGAAGAACATATCGCTCACGAGCCGCGGGCGCTGCAATTGCTGGCACGCGCCGC TGAAGGCAGCCTGCGAGATGCCTTAAGTCTGACCGACCAGGCGATTGCCAGCGGTGACGGCCAGGTTTCAACCCAGGCGG GTAATGGCGCTGATTAATGAAGCCGCTGCCCGTGGTATCGAGTGGGAAGCGTTGCTGGTGGAAATGCTCGGCCTGTTGCA CGCGCACCATACCGCCGACGGATATTCAGCTTTACTATCAGACGCTGTTGATTGGTCGCAAAGAATTACCGTATGCGCCG GCCACGACAGTCCTTTGCACCCGTCGCCCAACGGCAGTAATGACGCCAACCCAGGTGCCGCCGCAACCGCAATCAGCGC GGAGCAACCAAAGCAAAAAAGAGTGAACCGGCAGCCGCTACCCGCGCGGCCGGTGAATAACGCTGCGCTGGAAAGACT GGCTTCGGTCACCGATCGCGTTCAGGCGCGTCCGGTGCCATCGGCGCTGGAAAAAAGCGCCCAGCCAAAAAAAGAAGCGTATC GCTGGAAGGCGACCACTCCGGTGATGCAGCAAAAAGAAGTGGTCGCCACGCCGAAGGCGCTGAAAAAAAGCGCTGGAACAT GAAAAAACGCCGGAACTGGCGGCGAAGCTAGCGGCAGAAGCCATTGAGCGCGACCCGTGGGCGGCACAGGTGAGCCAACT TTCGCTACCAAAACTGGTCGAACAGGTGGCGTTAAATGCCTGGAAAGAGGAGGAGCGACAACGCAGTATGTCTGCATTTGC GCTCCTCTCAGCGGCATTTGAACAACCGCGGTGCACAGCAAAAACTGGCTGAAGCGTTGAGCATGTTAAAAGGTTCAACG GTTGAACTGACTATCGTTGAAGATGATAATCCCGCGGTGCGTACGCCGCTGGAGTGGCGTCAGGCGATATACGAAGAAAA ACTTGCGCAGGCGCGCGAGTCCATTATTGCGGATAATAATATTCAGACCCTGCGTCGGTCTTCTCGATGCGGAGCTGGATG TGGTAAAGGCGGTCTGGGTAACCTGATGAAGCAAGCCCAGCAGATGCAAGAAAAAATGCAGAAAATGCAGGAAGAGATCG CGCAGCTGGAAGTCACCGGCGAATCTGGCGCAGGTCTGGTAAAAGTGACCATCAACGGTGCACAACTGCCGTCGCGTA GAGATCGACCCGAGCCTGCTGGAAGACGACAAAGAGATGCTGGAAGACCTGGTGGCTGCAGCATTCAACGACGCAGCACC TCGTATTGAAGAAACGCAGAAAGAAAAATGGCCTCTGTATCCTCCGGAATGCAGCTGCCGCCTGGCTTTAAGATGCCGT AGCGTATGGCGTTCACGCTGCTTCAGCGCGGATCGTAGCGGCGGGATGCGTCTGGCGCAGGCGCTCACCCGGGCGATGTCG GAAATCGGCCACTGCGCCGATTGCCGCACTTTCACCGAACAGGAAGTCTGTAACATCTGTTCGAATCCGCGTCGTCAGGA  ${\tt AAACGGTCAAATCTGCGTGGTGGAGAGTCCGGCGGACATCTACGCCATTGAGCAGACGGGGCAGTTTTCAGGTCGTTATT}$ TTGTGTTGATGGGGCATCTGTCACCGCTGGACGGCATCGGTCCGGATGATATCGGGCTTGATCGTCTGGAACAGCGTCTG GCAGAGGAAAAATCACTGAAGTGATCCTCGCCACCAACCCCACGGTTGAAGGTGAAGCTACCGCTAACTACATTGCCGA GCTTTGCGCGCAATATGACGTGGAAGCCAGCCGAATCGCTCATGGCGTTCCGGTTGGCGGCGAGCTGGAAATGGTCGACG GCACCACGTTGTCACACTCCCTTGCCGGGCGTCATAAGATTCGTTTTTAAGCAAACGAGAGCAGGATCACCTGCTCTCGC TTGAAATTATTCTCCCTTGTCCCCATCTCTCCCACATCCTGTTTTTAACCTTAAAATGGCATTATTGAGGTAGACCTACA TGAAAGGACAAGAACTCGTGGTTTTCAGTCAGAAGTGAAACAGCTTCTGCACCTGATGATCCATTCTCTCTATTCCAAT GGACCTGTACGAAGGTGATGGCGAACTACGCGTTCGTGTCTCTTTCGATAAAGACAAGCGTACGCTGACCATCTCCGATA  ${\tt CGACAAAGTGACCGTGCGTACTCGCGCGGCAGGCGAAAAACCAGAAAATGGCGTCTTCTGGGAATCGGCTGGCGAAGGTG}$ AATACACCGTTGCCGACATCACCAAAGAAGATCGTGGTACTGAAATCACCCTGCATCTGCGTGAAGGCGAAGACGAGTTC  $\tt CTCGATGACTGCCGTTCCATCATCAGCAAATACTCCGACCATATCGCGCTGCCGGTAGAGATCGAAAAACGCGA$ AGAGAAAGACGCCGAAACCGTTATCTCCTGGGAGAAAATCAACAAGCGCAGGCGCTGTGGACTCGTAACAAGTCGGAAA TCACCGATGAAGAGTACAAAGAGTTCTACAAACACATCGCCCACGACTTTAATGATCCGCTGACCTGGAGCCACAACCGT GTTGAAGGTAAGCAGGAGTACACCAGCCTGCTGTACATCCCGTCCCAGGCTCCGTGGGATATGTGGAACCGCGATCATAA ACACGGCCTGAAACTGTATGTTCAGCGTGTGTTCATCATGGACGACGCAGAACAGTTCATGCCGAACTATCTGCGCTTCG TGCGTGGTCTGATTGACTCCAGCGATCTGCCGCTGAACGTTTCCCGTGAAATCCTCCAGGACAGCACGGTAACGCGTAAC  $\tt CTGCGCAATGCGCTGACCAAGCGTGTGCTGCAAATGCTGGAAAAACTGGCGAAAGACGCGCGGAAAAATACCAGACCTT$ GTTTTGCTTCTACCCATACCGATTCTTCTGCGCAGACCGTATCTCTGGAAGACTACGTTTCCCGCATGAAAGAAGGGCAG GAGAAAATCTACTACATCACCGCAGACAGCTATGCGGCAGCGAAGAGCCCGCACCTGGAACTGCTGCGTAAGAAAGG AGTCGGTGTCTAAAGTTGACGAGTCGCTTGAAAAACTGGCTGACGAAGTTGATGAGAGCGCGAAAGAAGCGGAGAAAGCA TGCCAGAAGTGAAATACATCTTCGAACTGAACCCGGATCACGTACTGGTGAAACGTGCGGCAGATACTGAAGATGAAGCG AAGTTCAGCGAGTGGGTAGAACTGCTGCTGGATCAGGCGCTGCTGGCAGAACGCGGCACGCTGGAAGATCCGAACCTGTT TATTCGTCGTATGAACCAGCTGCTGGTTTCCTGATGTAATGCCGGATGACCTTCGTGTCATCCGGCATTTTTCTTTTCAT CATCTGCACTTTCCGCAAATTATCTCGCCATTAACCGTTTCAGCCCCAGGTGCCTTTCTTGAGGCAATCGCCTGTTGGTG GTATCGTTTATCGCTTTTTCAAAAAATTCGACACATTTTAAGGGGATTTTCGCAATGCGTATCATTCTGCTTGGCGCTCC GGGCGCGGGGAAAGGGACTCAGGCTCAGTTCATCATGGAGAAATATGGTATTCCGCAAATCTCCACTGGCGATATGCTGC CATTCCGCAGGCAGACGCGATGAAAGAAGCGGGCATCAATGTTGATTACGTTCTGGAATTCGACGTACCGGACGAACTGA TCGTTGACCGTATCGTCGGCCGCGTTCATGCGCCGTCTGGTCGTCGTTTATCACGTTAAATTCAATCCGCCGAAAGTA TGAATACCATCAGATGACAGCACCGCTGATCGGCTACTACTCCAAAGAAGCAGAAGCGGGTAATACCAAATACGCGAAAG TTGACGGCACCAAGCCGGTTGCTGAAGTTCGCGCTGATCTGGAAAAAATCCTCGGCTAATTCGAAAGCGCGCACGGACAG ATATTCATTCGCCTTTTACAAAAACCTCAATCTGCGCTATTCCTTTTTCTGATTTGACCTCTCACAGCAATTAGTTCTT  $\mathtt{CTTCCTCACTTTTCCGCTACAATTATCAACAAGTTGAATCGATAAGAGGGGGGTAATGCGTCAGACTAAAACCGGTATCCT$ GCTGGCAAACCTGGGTACGCCCGATGCCCCACACCTGAAGCGGTAAAACGCTATCTGAAACAATTTTTAAGCGACAGAC GCGTGGTTGATACCTCACGGTTGTTATGGTGGCCATTGCTGCGCGGCGTGATTTTTGCCGCTGCGCTCGCCGCGTGTGGCG ACGTTTACCGGAGATGCCCGTAGCGCTGGGAATGAGCTACGGCTCGCCATCACTGGAAAGCGCCGTAGATGAACTCCTGG  $\tt CTGGCACGCATTCTGGCGCGCAAACGTAGCATTCCGGGGATATCGTTTATACGTGATTACGCCGATAACCACGATTACAT$ TAATGCACTGGCGAACAGCGTACGCGCTTCTTTTGCCAAACATGGCGAACCGGATCTGCTACTGCTCTTTATCATGGCA TTCCCCAGCGTTATGCAGATGAAGGCGATGATTACCCGCAACGTTGCCGCACAACGACTCGTGAACTGGCTTCCGCATTG GGGATGGCACCGGAAAAAGTGATGACCTTTCAGTCGCGCTTTGGTCGGGAACCCTGGCTGATGCCTTATACCGACGA CGCTGGAAGAGATTGCCGAGCAAAACCGTGAGGTCTTCCTCGGTGCCGGCGGGAAAAAATATGAATATTCCGGCGCTT AATGCCACGCCGGAACATATCGAAATGATGGCTAATCTTGTTGCCGCGTATCGCTAAAGCTGAGCGGTAAAGAACTGAGC GCCGTCGCGAAGAGCCTCGTCGGCGGTTTTCATCATCCGTGAATAATGCAAAAAGGCGTGCAGCGTGCCTGGGTAGAGTT TGAACTCACAGGGCTGCTGATGCGCCGCTAACGTCTGGTAAAGCAGACGGCTGTCATCCAGCAGCGGATCGAACTCCGCC GTTGCTTAAATATGCCTCTTCGTACATCTGCAAATCCTGTTGCGTTAAGCCATCCCAGACACCGCCCAACAGACGACGAC TCACGGAATCCCGTAATCCGTAAAGCCCATACCACAGCAAAACGCCCGCAACTTTACCGCAATCGATCTGTTTATCACGC AACCACAACGCACTGGCGAGCGCCAGCATGGCACCTGCGGAATCACCGGCAAAGCCAATGCGGGACATATTGATTTGATA ATCCTCCGCCTGCTGGTAAATAACAACAACCAGCCACAATTTCCTCTATCGCTTGCGGAAAACGCGCTTCAGGTGAAA GGGTGTAATCAATACCAATCACCGTACATTGGCTGTAGCTTGCCAGCAGGCGCATGATGCGATCGTGGGTATCGAGATTG  $\tt CCGAGAATAAAACCGCCTCCATGCAAATAAAATAGCGTCGCTGGGCTATCTGGCTGCGGACAAAAGAGAGCGTGTTTCCAC$ TGTAATACTGTCGTTGCTCAGCAATCGTTCCCGTTGCGGGCCAGGGCGGTAAATCCCGCTGAAGAGTATTCACAACGGTC TGTAAGGAACCACTGCCATGAAAATGCGATCCCGCCTGCTGATATTGAAACTGGCTGCGTCTCGCGCGCTCCCGTCAGAT TGTGTTAACATTCGCCGCTCAGTTAACCACCCGTAAAAACAACCATGAAATTTCCCGGTAAACGTAAATCCAAACATTAC  TGGTGATTGAGGATGATGTAGCCGAAGCGCTTTATCAGGAACTAAAACAGAAAAACCTGATTACCCATCAGTTTGCGGGT GGCACCATTGGTAACACCATGCACAACTACTCGGTGCTCGCGGACGACCGTTCGGTGCTGCTGGGCGTCATGTGCAGCAA TATTGAAATTGGCAGTTATGCCTATCGTTACCTGTGTAACACTTCCAGCCGTACCGATCTTAACTATCTACAAGGCGTGG ATGGCCCGATTGGTCGTTGCTTTACGCTGATTGGCGAGTCCGGGGAACGTACCTTTGCTATCAGTCCAGGCCACATGAAC CAGCTGCGGGCTGAAAGCATTCCGGAAGATGTGATTGCCGGAGCCTCGGCACTGGTTCTCACCTCATATCTGGTGCGTTG CAAGCCGGGTGAACCCATGCCGGAAGCAACCATGAAAGCCATTGAGTACGCGAAGAAATATAACGTACCGGTGGTGCTGA CGCTGGGCACCAAGTTTGTCATTGCCGAGAATCCGCAGTGGTGGCAGCAATTCCTCAAAGATCACGTCTCTATCCTTGCG ATGAACGAAGATGAAGCCGAAGCGTTGACCGGAGAAAGCGATCCGTTGTTGGCATCTGACAAGGCGCTGGACTGGGTAGA TCTGGTGCTGTGCACCGCCGGGCCAATCGGCTTGTATATGGCGGGGCTTTACCGAAGACGAAGCGAAACGTAAAACCCAGC ATCCGCTGCTGCCGGGCCTATAGCGGAATTCAACCAGTATGAGTTTAGCCGCCCATGCGCCACAAGGATTGCCAGAAT CGCATTGGCAGCGTTGCTGCATGACATTACCGCCAACAGCTACCATCGTAGCAACCTACCAAACTCCAGCAAACATAAAT TCACCTGGTTAACTTATTCATCGTTAGCGCAGGTGTGTAAATATGCTAACCGTGTGAGCTATCAGGTACTGAACCAGCAT TTCGTAGGCCAGATAAGGCGTTCACGCCGCATCTGGCATTTGGCTCTCGATGCCTGATGCGACGCTGGCGCGTCTTATCA TGCCTACATATTTTCATATTTTACATCCGGCAACCACCGTTTACCCCGTCACCACCTCACCCGCCGGTGGCGTTTCCAG  ${\tt CAGTTCCAGCATGGTACGGGCGATTTCACGCTCGCCCATCACTACCTGATTCGCACCACGTTCGGTGATATACGCCACTT}$ GCCCAATACTGCGCGGACCCCGCGCTCTCGCAGCTCATCAACACGGGTTCGTGACGTCTCAATCACCACCAGCGGAATAT  $\tt CAGAGGCGAGCAATTTCTCCCCCAGCAGGCTGCCTACACGACCGTAACCCACCAGTAGCGCATGGTTGCAAATATCCACT$  $\operatorname{GGGATCTGCTTCTCTTCGATTGCCTCTTCCAGCGTCTGCTCTTCCAGCGTTTCGGTCTTCGCCAGATATTTCTCCAG$ TAGTGCGAACAGTACCGGGTTGAGCATAATCGACAGGATCGCCCCTGCCAGTACCAGGTTTTGTCCGGCCTGCGGCAGTA AATTCAATGCCATTCCCAGTCCCGCCAGGATAAACGCGAACTCACCAATCTGCGCCAGGCTGGCGGCGATGGTTAATGCC GTACGTTGGGAGTGACCAAACAGTCGCACCAGGAAAAATGCGGCTAACGACTTACCAAACAGAATAATCGCCAGCGTCGC  ${\tt CCGAGTGCAAAGGAGACATCAAACAGCTCTACCGCACCAAAGGCAACCCCTAACGCCAGCGCCAGCACGGGTAAA}$ TAAATGCGATCACTTTGCCGATGGTGATCCCCATATCGACTGCAAGAGTGGCAAAGCCCACATCGCCCTGTTCCATCATT ACACGATACCGGTCATTAACGACCAGCCCAGCACGCAGAGAGCGCCATACCCAGCAGCGTCGCCACGGCTATCTGGGCG ATCGCACCGGGAATGGCGATGGCCTTTACCGCCATCAAATCCTTCAGCGAAAAGTGCAAAACCGACGCCAAACATCAACAG AATGACGCCCAGTTCAGCCAGTTCCGGGGCAAGCTTGGTATCGGCAACAAAGCCCGGAGTGAATGGTCCTGCCAGCACAC  ${\tt CCAACAATGGTGGTGATAAGCGGGGTGGCGTGATGCATTCCGTCTCTTTTCCTGGTGGTTATTGTCCATTTTTTGGCCGG}$ GAAAACCAAAATTACAGGTAATAGTTTATGACAATTTCATTGATGATGTTCATGAATAATTATTGAATTTTTGCAGAAAAA TGGAATTAGCTGCAAAAAAAGCACGGATCGGAAAACAGAAGGCGGTTTAACAGAGGAAAGGCTTATGGCGACTGTAAAAC CAATAGTGGCAGGAAAGCACAGATTTTATAGACTAACTCGATGCTGGTGTGATCGGCGATAAGCCCCAGAACTGCCGCTC TAGACCAGAATGGCAGAGAATGCCGAAGCGAGGATAAATCCAATAATCACCGTTAAAACCCCCGTCCAGTGCAGGCTGGC GTAGGGTAAAATCAGCGTAAACGGCGCAACGCCGAGGATAGAGCCCCAAATCACATATTTCCGCCCAATTTTATCCCCTA  ${\tt CCGAATTTTTGCATCAGATAAAAGGTGTAATAGCTGCTGATGCTCGCCATATAGAAATATTTCGAGAAAATGAGGATTAA}$  GGTGCTGTGCCGAGTACCAACGCTGATTTGCGCCAACACCACGATCGCCAGCAGTGCCGCAAGCACAAACCAGGCAACG TTGCCTTTGCCATAAGGCGCGATAATCACCGCCGCCAGCAAGGGTCCCAGGGAACTGCCAAAGTTGCCGCCGACCTGAAA GATAGATTGCGCCAGGCCATGCCGCCGGCAGAGCCATACGGGCCACGCGAGAAGATTCCGGATGAAAGACCGATGAAC CGGTACCGACCAGCGCCGCCGCCAGCAGAACTGCGCCAAAACTGCCCGCCAGCGCAAGCAGCACCAGACCGCTTAAGGTA  ${\tt AAGCACATGCCAATTGGCAACGACCATGGCATCGGATATTTATCGGTCCAGTAGCCGACCACTGGTTGCAGTAGCGAAGA}$  $\tt CCAGAATCAGCGATTGGATCATGTCGTTCAGCAGATGTGAGAGGCTGATAGCACCTAAAATACCAAACGATGTTCGGGCC$ TTGGTCGTTGACGCAGCCGCCCCCCCACAGGCTGGGGTTGTTCACTCATTGCCATAGGAAAGTCACTTTTTCAGGGTTG GAATACAGAATTTCTAATCTGGATGCAGATTTATCTTCACCGGACGCAGACTTGTCTATGATGTCGCGTCATACTATTTT TCAACACGTTGAAATCAGGTCAGGGAGAGAAGTATGAAATTATTGCAGCGGGGCGTTGGCGTTAGCGCTGTTAACCACATT TACACTGGCGAGTGAAACTGCTCTGGCGTATGAGCAGGATAAAACCTACAAAATTACAGTTCTGCATACCAATGATCATC ATGGGCATTTTTGGCGCAATGAATATGGCGAATATGGTCTGGCGGCGCAAAAAAACGCTGGTGGATGGTATCCGCAAAGAG GTTGCGGCTGAAGGCGGTAGCGTGCTACTTTCCGGTGGCGACATTAACACTGGCGTGCCCGAGTCTGACTTACAGGA TGCCGAACCTGATTTTCGCGGTATGAATCTGGTGGGCTATGACGCGATGGCGATCGGTAATCATGAATTTGATAATCCGC TCACCGTATTACGCCAGCAGGAAAAGTGGGCCAAGTTCCCGTTGCTTTCCGCGAATATCTACCAGAAAAGTACTGGCGAG CGCCTGTTTAAACCGTGGGCGCTGTTTAAGCGTCAGGATCTGAAAATTGCCGTTATTGGGCTGACAACCGATGACACCAC AAAAATTGGTAACCCGGAATACTTCACTGATATCGAATTTCGTAAGCCCGCCGATGAAGCGAAGCTGGTGATTCAGGAGC TGCAACAGACAGAAAAGCCAGACATTATTATCGCGGCGACCCATATGGGGCATTACGATAATGGTGAGCACGGCTCTAAC GGTCTGCATGGCGGCAGAAAACAAAAAACAGGTCGATTACGTGCCGGGTACGCCATGCAAACCAGATCAACAAAACGGCA TCTGGATTGTGCAGGCGCATGAGTGGGGCAAATACGTGGGACGGGCTGATTTTGAGTTTCGTAATGGCGAAATGAAAATG TCCTGAAATCGCTGAAAACCAGCAAATGATCTCGCTGTTATCACCGTTCCAGAACAAAGGCAAAGCGCAGCTGGAAGTGA AAATAGGCGAAACCAATGGTCGTCTGGAAGGCGATCGTGACAAAGTGCGTTTTGTACAGACCAATATGGGGCGGTTGATT TGATTGATTACCTGACCGCCGTCGCCGCAGATGAAGCCAGATTCAGGTGCCTACCCGCAATTTGCCAACGTTAGCTTTGTG GCGAAAGACGGCAAACTGAACGACCTTAAAATCAAAGGCGAACCGGTCGATCCGGCGAAAACTTACCGTATGGCGACATT AAACTTCAATGCCACCGGCGTGATGGATATCCGCGCCTTGATAACAAACCGGGCTATGTGAATACCGGCTTTATTGATG  ${\tt CCGAAGTGCTGAAAGCGTATATCCAGAAAAGCTCGCCGCTGGATGTGAGTGTTTATGAACCGAAAGGTGAGGTGAGCTGG}$ GGATCTTTGCCAGATCGCCTGCCGCCAGTTCGATATCCAGTCCGCGCTTGCCGCCGGAAACATAAATAGTGGCAAATTCT TGTGCGGGGGCGTCGATAATCGTTGGCAGACGTTTTTTCTGCCCCAGTGGGCTAATCCCCCCAACCAGGTATCCCGTCGA GGATTCAAACCTAATTTTTTGACGACTTCATCGCCAAAATTGGTTTCAGCCGGATCGTGCTCGTAGGTATGGATTTGAAA ATACGCCTGATGGCGGTCCAAAAAAAAGGGTCATCTTGCCTAAGAGTATTGGCAGGATGGTGAGATTGAGCGACAATCGA GTTACACCGTCGCTTAAAGTGACGGCATAATAATAAAAAAATGAAATTCCTCTTTGACGGGCCAATAGCGATATTGGCCA TTTTTTTAGCGCAACATTTGCGGCAAATTCCCTTCTCCATACAGGTGTAGTGCACCGCCGCGACCACATATCGCCCCGG TGGGCAGCGTTATATCATTATTTTGCGGCGGTGCATTCAGCCACCAGCTCATCATTTGTTGCAGCAACCGTGCGTTGGTA TGCCAGTGGGTCAGCGTATCGTCCAGCAGCGCCAGTCCTTTGTCAGGGAGCTGGAGCAACATGGCAATCTGGTTTTCAGC GCCCCAGTTTTTGTGCCTGCGTCGCCTGAAGAACCATCGCGATTTGCCACAGCGGTTGGGTAGAAAAGAGTGAGGGAGAA  AACGGGTGGCAGGGGAGCCATATCGTGGCTACCCATATGAATACTGCCAATCAGATGAAAATGGCGATTGCCGGGGAGG GTGATATCGATGGCAGGCCAGGTGTAATGATTACCGCGCAGCGCGCCCAAAGCGTTTTTACCCGGTACAACAGATCCAT  ${\tt ACGACCTCCCTTTGTGAAATATCATGCTAGCGCGCGGTGAGGGATGGCGCAAATGGAGTTGGAGACTTGTTTAATGTGTTAATGTGTTTAATGTGTTAATGTTAATGTGTTAATGTTAATGTTA$ TGTATGATTCAGTATGTTCTTGCATCGCTATTCACAAGGAAGCAACAGTTAAAAACCATGAAACAGGCAACAAGAAAACC GACGACACCCGGAGATATTCTTCTCTATGAATATCTGGAACCGCTCGATTTGAAAATCAATGAGTTAGCAGAGTTGCTGC ATGTTCATCGTAATAGCGTCAGTGCACTGATCAATAACAATCGTAAACTCACTGCTGAGATGGCATTTCGTCTGGCGAAA GTTTTTGATACCACAGTCGATTTTTGGCTAAACCTCCAGGCGGCGGTTGATCTTTGGGAAGTTGAAAACAACATGCGCAC GCCAAAACATCGCTTCATCTCGTAGGCCGGATAAGGCGTTCACGCCGCATCCGGCATCCGAGCACCATTGCCTGATGCGA CGCTTACCCGTCTTATCAGGCCTACAAACTTGTGCCTGAACCGTAGGCCGGATAAGGCGTTTACGCCGCATCCGGCATCC GAGCACCATTGCCTGATGCGACGCTTACGCGTCTTATCAGGCCTACAAACCTGTGCCTGAACCGTAGGCCGGATAAGGCG TTTACGCCGCATCCGGCAGTCATGCGTCGATGCCAAATGCGCCACCCTAAAGCAGCGCATCCGCAATGATGTACTTATTC  ${\tt CCGGGTTAAGCAGTGTTCCAGTGAACGGCCACAAAATACCGGCGGCGACCGGAATACCGATACTGTTGTAGATAAACGCA}$ CATCAGGGTAATCGCCGCGGTTTCAATGGCAACATCACTGCCGCCACCCATCGCAATGCCGACATCCGCCTGAGCCAGCG  $\tt CTGGCGCGTCGTTAATGCCGTCGCCCACCATTGCCACCTGACGTCCTTCACTTTGCAGATGTTTGATCGCTTCGGCTTTA$  ${\tt CCGTCCGGCACCCCCGGCGATCACCTCATCAATCCCTGCTTCTTTGGCGATCGCATTGGCGGTGGTTGGGTTATCCCC}$ GGTCAACATCACCAGACGATATCCCGCTTTATGCAGGCGTTGCAGCGCCGCCACGCTATCACTACGCAACGGATCGCGTA GCTTCGATAGCTTTGGTACCAACCTGTTGCTCATTTAACAGCGCCTGATTGCCCAGCAATAACGCATGACCTTCAGCTTC  $\tt CTCGTGCCAGCGGATGCTGGAACCTTGCTCCAGTGCCGCCGCCAGACGCAATGCCTGCGCTTCATCAACATCAGCAAAT$ GTTTTCACTGCGACAACCTGCGGCTTCCCTTCAGTCAGCGTCCCGGTTTTATCGAACACTACAGTGTCGAGTGTACTGGC GCGTTGCAGCGCGTCAGCGCCCCACCAGCACGCCAAACTCAGCCGCCCGGCCCGGAAATAATCGACATCGGCG GGACCAAAGAAATACCAGATTGCCGCACTGACAAGCGCAATAACCACCACTACCGGCACAAATACGGCTGAGATTTTATC  $\tt CAACCGCACTGGCACGAAACAGCACACTGCCGTCCTGTACCACTGTCCCGGCATGGACGCTATCGCCTTTTTTGC$ TGCGGGATTGGTTCGCCCGTCAGCATCGCTTCATCCAGCCATGCTTCGCCCTGGGTAATCTCGCCATCTACCGGCACGCG ATCGCCGGTCGTCAGGCGCAGCACATACCTGGCTGCACTTCTGCCAGAGGCACGCTTTTTTCACCTTCGTCAGTAACCATGGCCGAGATTGATCAGACCGATAATCATCGCGCTTCGTAATAAAGATGTCGCGCTTCCATCGGGAACCACTGCGG TCAGCAGGCTTTTCCATGCACTGCGGTAAAAATGGCCGCCGGCGAAAACCATCACTGCCAGGGTTATCAGGCCGATAACC AACCACAGGCTGCGGTTGTCAGCGGTGACCATCATGTTATCGCCGATCATCCCCCAGACCATCACCGGGATACCCACCGC AGCGCAGTACGCTCCGCCAGGTTTACCCGTGCCTGAGTGACGCCCGGTACGCTTTGCAGCGCATTTTGTACGCGGGTGAC  ${\tt AAACCGCTGTCAGTGCTTCCGACGGGATTGATGACTCCGCCAGCGGTTTAGCCTTTGGGTGGCTTACAGATGCGTCATAA}$  $\tt CCCGCTTGTTTGATGGTTTCGATCAGCTGTTCTGCACTGGCAGTCCCGGTAACGTGCGCTTCAGTGATAGACACCATCCGC$ GGTCGATAGTTTGTGACATAAAACACTCCTTTAAGACAGTTTTGACTGGCTGTGATAAAGGTTAAACCTTCCAGCAAGGG GAAGGTCAAGAAATTAATAAACCAGGCGGGTAAAAGTCCGTAAAGATTAAAAAATCGGCTCGATTTGCATCAGGATTAGA  $\tt CTTACACCCAATTTCACTCACTTAACGGCGGACAAAATGCCGATTACATTCCCTTTCTGGCGAATGTACCAGGTCAACTG$   ${\tt GCGGCAGTGGCTATCGTGACCTGCGATGGCAACGTCTATAGTGCGGGTGACAGTGATTACCGCTTTGCACTGGAATCCAT}$ ATTGCCACCACCACCTGATTAACGCTGAAAATGTTGAACAACGCTGGCAGCGAATTTTACATATCCAACAGCAACTGGC TGCTGTACTCCGCCGGATATCTCTATTGTGATGCAATGGAAGCCTGTGACGTGTATACCCGTCAGTGCTCCACGCTCCTC GGCCGACAACGTGCCGTACATTCTGGCCGAAATGATGATGGAAGGGCTGTATGGTCGCTCCGGTGACTGGGCGTATCGTG  ${\tt CCACCGCTGGACGAGATGGCAACAGTGTTCGCGGTCAAAAAAATGGTGGCATCGGTCGCTAAGCAACTCGGCTATAACGT}$ GTTTAAGGGCTGATCATGATGAACACGGAAGGTAATAACGGTAACAACCTCTCGGTCTATGGAACGTCGTTTCCATCGG GGCGGTGAGCATCGCCATGGTCGCCCGTGCTTTTGGCGCTTATGCCGTGCAGTTTTTTGCATGAAGGCAGCCAGGAGGAGC GCATATTTCCGTCTCTGCGCCCCCAGCTCCGGTGCGTTCTTCTCCTGTATTGGGATAACTTTCCTTGCCTATGCGGGCT TTGGCATGATGGCGAACGCGGCGGATAAAGTGAAAGATCCGCAGGTCATTATGCCACGGGCGTTTCTGGTGGCGATTGGC GTTACCACGTTGCTTATATCTCGCTGGCACTGGTTTTGCTTAGCGATGTATCGGCATTAGAGATTAGAAAAATATGCCGA TACCGCCGTAGCGCAGGCTGCTTCTCCGCTGCTCGGGCATGTGGGTTATGTGATCGTCGTCATCGGCGCTTTACTGGCGA CTAATGAATAAATCCCTGTGGCGGCAGAGTACCTGGGGCAACATTATTGTCGTGGTGTTGATTATGCTGATGACGGCGGC  $\tt GCCTGCGTCATGATATTCACGCCTCGTTGCCGATTCTTATCGTTGGTACGTTGGTGATGTTGTTGGTGATCGTTGGCTTT$ ATCTACAGTCTGTGGTCCCAGGGTAGCCGTGCGTTGATATGGATTATTGGCTCACTCTTACTCAGCCTTATTGTGGCAAT GGTCATGAAGCGCAATAAAACCGTATAACATCTCTCTGTGCGCAGTACTTCCTGTATTATTGTGGTGGCGGTCGATATTC GCACTGGCAAAAAAACGTGCTTGAATATCTGTTGAAACCCTTTAACAAAGCACAGGAGGCGTTGCGCGAACGATGAACAT TGCGCAGCGAAAACGGTTATCGCACCTACACGCAGCATCTCAACGAACTGACCTTACTGCGCCAGGCACGGCAGGTG GGCTTTAACCTGGAAGAGGGCGAGCTGGTGAATCTGTTTAACGACCCGCAGCGCACAGCGCCGACGTCAAACGGCG ATGCCTGCCCTGGCGATGACAGCGCCGACTGCCCGATTATCGAAAATCTCTCCGGCTGCTGTCATCATCGGGCAGGGTGA TTAAGACGAGACGGCTCGGATATGTAGGGTTATCCCTTCTATCGCAATGACTTCAACATGCGTACCTGCACCGAGATCCT CGCTGGCGCTGACAGGCCATGAACTGTCACCGACGCGCATATGACCGCGCCCGTTGACCAGCGGAGATTCCAGCACAAAA  ${\tt CGTCGGCCAATCAGCTGCTGCCGCGCTGGTTTAAATGACTATCGCTGTGCTTTTGTTCGCGCACCCGCCGCGACAACCA}$ TTTCCACCACAGCCAGGCGGCGAGCAGCGTCAGGATGGCAAACATTACCCCTTGCCACTCCCAACCCAGCGGCACCAGCC AGACCACCAGGCCGGTAATCACCGCTGCCACGCCGCTCCACAACAATAACCATTTCCGCCCAGCATCTCGGCTGCCAGC AGCAAACCGCCGAGACTGAGCCAGAAAATATGTGGATGAACGACCATTAACTCCATCATGGCTGAGTCCGTTTGTTGGCG  $\tt CTGTCTTTCACCAGCTCGGCAATCCCGGCAATCGACCCCATCAGGCTGCTGGCCTCTAATGGCATCACTACTTTGCT$ GTTACTGGAGGAACCGATCTGCTGTAACGCTTCGGTGTATTTCTGCGCTACGAAGTAGTTCACCGCCTGAATATCACCGG  $\tt GCCGACTGACGTTCGCCTTCCGCTTTCAGGATTTGCGACTGTTTTTCACCTTCGGCTTTGAGGATTTCCGCCTGACGGATTTCACCTTCACACCTTCACACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTTCACCTT$ GTGGGCGCACGTCGCGAATTTCAATACGGGTGACTTTAATCCCCCACGGGTTGGTGGCTTCATCGACAATACGCAGCAGG  $\tt CGTCGATGGTAACGTTGGCGTTATCTTTCGAGATAACTTCCTGGGAAGGGATATCGAGCACTTGCTCCATCATATTGATC$ 

TTGCGACCAATGCGATCCATAAACGGCACCACCAGACTGAGCCCCGGCTGTAACGTTTTGGTATAGCGACCAAAGCGTTC TACTGTCCACTGATAGCCCTGCGGTACGATTTTGACACCCGCGCCGACAATGACCAGCGCGACAAAAATGAGAATCGGGA TAAAGATAAGCATCGGAAAAACCTCCTGTTGTACCGTCCATAATCAGCAAAATTGCTGCTTGATTAAACAAATTATACCT GATTACTGAAAGAGAGTTCCCCCTTATTCCTGCGAAGGATAAACTGTTTTTAGTAAAAATCAGAAAAAGGGAACAGCGAT TTTCGCTGCGTGCTGGCGAATTTAAGTTAATTACCGGTCCTTCTGGTTGTGGCAAAAGTACGCTGCTAAAAATAGTTGCT TCATTGATCAGCCCAACCAGCGGAACGTTACTGTTTGAAGGTGAGGATGTCAGCACACTAAAGCCAGAAATCTACCGCCA ACAAGTCTCTTACTGCGCCCAGACACCGACGCTGTTTGGCGATACGGTATACGATAATCTGATCTTTCCCTGGCAGATCC GTAACCGGCAGCCTGACCCAGCCATTTTTCTCGATTTTCTCGAACGCTTCGCCTTGCCGGACAGCATTTTGACGAAGAAT ATCGCCGAGCTATCTGGTGGTGAAAAACAACGCATCTCATTGATTCGTAACCTGCAATTTATGCCGAAGGTTTTATTGCT GGATGAAATAACCAGTGCGCTGGATGAAAGTAATAAACATAACGTCAATGAGATGATCCATCGTTATGTGCGCGAGCAAA ATATTGCCGTGCTGTGGGTGACACACGATAAAGACGAAATTAATCATGCGGATAAAGTGATTACACTGCAACCGCATGCC GGAGAAATGCAGGAAGCACGCTATGAACTCGCATAATATTACTAACGAATCATTAGCACTGGCATTAATGCTGGTGGTGG CTGCTTTAATGCGGCGTGGAACGCGCAAAAACGCAGTAAATATATTGCTAAAGCTTTTATCTCATCGTTTATTGCCATTA GCCGGGATGATTGCCGGTAACGCCATGGTAGCGGTGGGGTTGTGTTACAACAATTTAGGGCAACGGGTCATTAGCGAACA GCAACAGATTCAGGAGAAACTGAGTCTTGGTGCGACGCCGAAGCAGGCTTCAGCGATATTGATTCGCGACAGTATTCGCG  $\tt CGGCTTTAATTCCGACGGTCGATTCAGCAAAAACGGTTGGCTTAGTGAGTTTACCAGGAATGATGTCCGGGCTGATATTT$ GCCGGGATTGATCCGGTGAAGGCGATTAAATATCAGATTATGGTGACCTTTATGCTGCTCTCAACCGCCAGCTTGTCGAC CATTATTGCCTGCTATTTAACCTATCGTAAGTTTTATAATTCGCGCCACCAGTTGGTGGTGACGCAATTGAAGAAGAAAT GATGCGATGCCGGATGCGCATCGCATCCGGCGTTGTGGTTCATGTGCCGATCAACGGAATATCAATACAACAATGCA TACAGCTGGCGCGATACTTCGACGCCAGTGCATCACCCGTACCCAGCGCAGCGAGGATCTCCTGGAACGTTTTACGCGT  ${\tt CTGACCGTCTGCGGCGGTGAGATCTTTACGCAGATGCCCGAACAGCAACTCCAGCGCCTCTTCATTGCGCCCAACCTGAT}$ GGTTTTCAGCACCGCTTCCGCATCTTCAGAACGGTTCAGCGCAATCAGCGTTTCTGCCAGCAGCAGCCGATCTCCCCGT TCTGATTCGACAACTGCCAGGCGTCTTTCAGCAATGGCAGGGCATCGGTGTAATTGCTTTCCTGCATCAGTTGCATCGCC TGCTGCGCTTTCAGCTCTTCTTCGCGCGGCAGCACTTTATCCAGCAGGGCGCGGATCGCCTCTTCCGGTTGCGGCCCCTG GCTCCGCGTCGCAGTCCAGCTTCGCCAGAATAAATTGCCCGTTGTACTGCGCCGCGAGGCTTTCCAGAATTGGGGTTAAC TGCAAACAGTGCTGGCTACGTTCAGACCAAAAATAGAACAGCACCGGAGTGGTCATCGACTGTTCAAGAACCTGTTGCAG GTTAGATTCGTTAATGTTGACAATATTTTCTACGGACATGGAGTCGCTCTCTGTTGTCGATATTTTCTTTGACATGGGGG GCCCAGGTCACCAGCGTCACCGGATAGCGCATCTTCGGCTTCTCGCTAATAAAAGCATGGCGTACTTTGTCCACCACCGC TTCCGGTCCCAACGTAAAGCGGGCGGCGATGCCGGGATTTTCGACTGGTTTATCACTTTGCGTCTGGTTGACGTTGTCGG  ${\sf TGAAGCGAGTACGAATGGGACCGGGTTCGATCAGGCTGACTTTAATTCCGCTGTGGCGCAGCTCCATGCGCAGTGCATCT}$ GACCACGCCTCCAGCGCATATTTACTGGCCGCGTAAGCGCCACGACCCGGCGTGGAGATTAATCCCATCACCGATGATGT CATCACAATACGCCCTTCACCGTGCGGTAACATCGCGGGTAACAGGCGCATGGTGAGCTGGTGTGCGCCGAAAAAGTTGG GTTTTAATTCGAGCGCCTTTCCAGGCCAATTCCACTGGAACATCCGGTAATTAAGACCGATTTTTGCATAACTTTACCT GTCAGGATCTCCGTTGCTTTATGAGTCATGATTTACTAAAGGCTGCAACTGCTTCGCCATCCAGTCGGCAATAAACGGCT GGGCGTCGCGGTTGGGATGAATACCGTCATCCTGCATCCATTGTGGCTTGAGGTAGACCTCTTCCATAAAAAAGGGCAGC AGCGGAACATCAAACTCTTTGGCGAGTTTGGGGTAAATGGCGCTAAAGGCTTCATTATAACGGCGACCATAGTTTGCAGG  $\tt CAGACGTATTTGCATTAACAATGGTTCAGCGTTGGCGGCTTTGACATCCTGCAAAATCTGGCGCAGCGTTTGCTCGGTTT$  GCTGTGGCTGAAAACCACGCAAACCGTCATTGCCGCCCAGTTCAACCAGCACCCCAACGCGCTGATGCTGTTTCAGCAGA  $\tt GCCGGAAGGCGCCAGTCCTTGTTGCGAGGTGTCGCCGCTGATGCTGGCATTAACTACCGACGTTTTACTCTGCCACTT$ ATCATTCAACAAGGCCAGGCCAGGCCGCTGCCAGACATTCGATACCCGGCGCTCAGGCTATCACCCAGAATCAATAACG GAGACCATCGCACTGGTGGGCGAGTCGGGATCGGGTAAGTCAACCTTGCTGGCGATCCTCGCCGGGCTTGATGACGGCAG GGTGAGAGTAGCGCGGAAAGTCGTAACGGGGCGAAAGCGTTGCTCGAACAGTTAGGGCTGGGTAAACGTCTGGATCATCT TCCGGCACAGCTTTCCGGCGGTGAACAGCAACGAGTGGCGCTGGCACGAGCCTTTAATGGTCGACCTGATGTGCTGTTTG  $\tt CCGACGAACCCACCGGCAACCTTGACCGCCAGACGGGCGATAAAATTGCCGACCTGCTGTTTTCCCTCAACCGTGAACAT$ GGCACCACGTTGATTATGGTGACCCACGACCTGCAACTGGCGGCACGCTGCGACCGCTGCTTACGGCTGGTGAACGGGCA AAGCCTGGCGTGGCCTGCGTGCTGGCCAATATCAGCGATCGCATGGAGAAGGGCTTAAGCCAGCAAAGCCGTG AGTTTATGGCGGGCGATCGGCCGTTGCGCAGTTCACGCGAAGTGCCGCAAGCGTGGCTGGAGGAAGCGCAAAAGCGCGGC  $\tt CTGAAAGTCGGCAAGCAGCTGACTTTCGCCACAATGACCTTTGCAGGCGACACACCGCAGCTGGCGAACGTCAAAGCGGT$ GGATGATATCTACCCGATGTATGGCGATCTGCAAACTAATCCCCCTGGCCTGAAACCGCAGGCGGGCAGCGTATTGCTGG GAAGTGATTCAGGAACCGGATTCCGGTTTTAACCCCTTCCAGATGGCTCCGCGTCTGATGATGATGAATCTGGCGGATGTCGA ATGAGAAATGGTTGTTACCTCAGCTTAAACCCGAACACGCTGGTACGGTCTGGAACAGGACGAAGGCGCGCTGGGGCGA TCGATGGAACGCTCGCAACAGTTCCTGCTGCTTTCGGCGCTTCTGACCTTGCTGCTGCCAGTGGCAGCGGTGGCGGTAGC GATGAATCATTACTGTCGCAGTCGCTACGATCTGGTGGCGATCCTCAAAACGCTGGGGGCAGGGCGAGCGCAACTGCGTA AGCTAATCGTCGGTCAGTGGTTGATGGTGCTGACGCTTTCAGCCGTTACCGGTGGGGCCATAGGCCTGTTGTTCGAAAAC GTAATGATGTGGTAGCGAACGTCTGGCCGCTGAAGTTTTATCTGCCGATTGTCAGTGGTGGTTGTCTGCTGCTCGCC  $\tt CTGGATGCTGCATGACTTCGCCGCATGACGCTGAAATCGCTGCCTCTGCGCCTGGCGGTTAGCCGCCTGTTACGTC$ AGCCGTGGTCAACGTTAAGTCAGCTTTCGGCATTTTCGCTCTCTTTATGCTGCTGCTGCTGCTGCTGGTGTTGCGTGGC AGCACCGCTAAAAGCGTTCCTCGCGGAACATCAGATAGTCCCGGAATCGTTTTATCCGGTGGTGCGGGCGCGGCTGACGG CGATTAACGATAAGCCGACAGAAGGTAATGAAGATGAGGCGCTTAACCGCGAACTCAATCTTACCTGGCAAAATACGCGG AAGTGGACTGGGAAAGTCTGCGGCCTAATTTCTATTTTATTTTCCCTGAAGGGGCATTAGACGGGCAACCGCAGAGCTGG GGCCGCAATTGGTGCGGAAACGGCGCTGGCAGTGTTGCAGGCGAAAGTGTTTGATTTTCCGTGGGAGCCAGACTGGCGAT  ${\tt AAGGCGCTGTTCAGGCAGTTTGCGGGGTGATGAGAGTAAATAAGGGGCGTTCTGGTTGAATGGAACGCCTTGTTTAAATT}$ AATTCTACAATATGTTTCATTGATGTTTATTGAATTGGTGATTTCCTATCTTTCTATTGCTGATATTAATCTGAATCG GTGGAGTTTATTGATTTTAAATATAGCCCTACAAAAATAACTCAGACTAATAAAATCATAAAATCATATGCGTTGAATGGA TGTAATAACAGTTGTTGATTGAGAACAAATAAGTTTATGTGAAAAATATATAAATACATTAGCTGGTCTTGTGTGTC ATTTTATTTTTTTTTTTTGTTGCTAACACAGGGATATGAACAATAACTAAAAGGGCACTTTATATGAGCGGAAAACCAGCGGC GCGTCAGGGAGATATGACTCAGTATGGCGGTCCCATTGTCCAGGGTTCGGCAGGTGTAAGAATTGGCGCGCCCACCGGCG TGGCGTGCTCGGTGTCCCGGGCGGGATGACTTCGGGCAACCCGGTAAATCCGCTGCTGGGGGCGAAGGTGCTGCCCGGC GAGACGGACCTTGCGCTGCCGGCCCGCTGCCGTTCATTCTCTCCCGCACCTACAGCAGCTACCGGACGAAGACGCCTGC  ${\tt ACCGGTGGGCGTTTTCGGCCCCGGCTGGAAAGCGCCTTCTGATATCCGCTTACAGCTACGTGATGACGGACTGATACTCA}$ GTTAAGCCCGCATCTTTACCTGGCGACCAACAGCGCACAGGGGCCGTGGTGGATACTGGGGTGGTCTGAGCGGGTGCCGG GTGCTGAGGACGTACTGCCAGCGCCGCTGCCGCCGTACCGGGTGCTTACCGGGATGGCGGACCGCTTCGGGCGGACGCTG GGTGCTGACCACGCAGCGCAGCGTGCGGAAGAGGCCCGCACCTCTTCGCTATCTTCTTCTGACAGTTCCCGCCCTCTCT CAGCCTCAGCGTTCCCCGACACACTGCCCGGTACCGAATACGGCCCCGACAGGGGTATCCGCCTTTCGGCGGTGTGGCTG GGCGGTATATGACCGCAGCAATACGCAGGTGCGCGCTTTCACGTATGACGCGCAGCACCCGGGCCGGATGGTGGCGCACC GTTACGCGGGAAGGCCGGAGATGCGCTACCGCTACGACGATACGGGGCGGTGGTGGAGCAACTGAACCCGGCAGGGTTA AGCTACCGCTATCTTTATGAGCAGGACCGCATCACCGTCACCGACAGCCTGAACCGGCGTGAGGTGCTGCATACAGAAGG  ${\tt CGGGGCCGGGCTGAAACGGGTGGTGAAAAAAGAACTGGCGGACGGCAGCGTCACGCGCAGCGGGTATGACGCGGCAGGAA}$ GGCTCACGGCGCAGACGGACGGCGGGACGGAGGACAGAGTACGGTCTGAATGTGGTGTCCGGCGATATCACGGACATC GGAGACCGCCGGGAATATGATGAACCGGGCAGGCTGGTATCGGAGACATCGCGCAGCGGGAGACAGTACGCTACCGCT ACGATGACGCGCACAGTGAGTTACCGGCGACGACGACGGTGCGACGCGCAGCACCCGGCAGATGACCTGGAGCCGCTAC GGGCAGTTGCTGGCGTTCACCGACTGCTCGGGCTACCAGACCCGTTATGAATACGACCGCTTCGGCCAGATGACGGCGGT GTGAAACGCGGTATGAATACAACGCCGCAGGCGACCTGACTGCCGTTATCACCCCGGACGGCAACCGGAGCGAGACACAG TTGACGGCCGGACGCTTATCATTATGACCTGACCGGAAAACTCACACAGAGTGAGGATGAGGGACTTGTCATCCTC TGGTACTACGATGAATCGGACCGTATCACTCACCGCACGGTGAACCGGCGAGCCGGCGAGCAGTGGCAGTATGATGGCCA TGACCGGCGAATGCCAGACGGTGGAGAACCCGGAGACGGGGGAACTGCTGTGGCAGCATGAGACGAAACACGCATACAAC GAGCAGGGGCTGGCAAACCGCGTCACGCCGGACAGCCTGCCGCCGGTGGAGTGGCTGACGTATGGCAGCGGTTACCTGGC GGGAATGAAGCTGGGCGGACGCCGCTGGTCGAGTATACGCGGGACAGGCTGCACCGTGAGACGGTGCGCAGCTTCGGCA GCATGCCAGGCAGTAATGCCGCATACGAACTGACCAGCACATACACCCCCGCAGGCCAGTTACAGAGCCAGCACCTGAAC AGCCTGGTATATGACCGTGACTACGGGTGGAGTGACAACGGCGACCTGGTGCGCATCAGCGGCCCGCGACAGACGCGGGA ATACGGCTACAGCGCCACGGGCAGGCTGGAGAGTGTGCGCACCCTCGCACCAGACCTGGACATCCCGCATCCCGTATGCCA CGGACCCGGCGGCCAACCGGCTGCCGGACCCGGACCCGGACAGTACACTCACAGTGTGGCCGGATAACCGCATC GCGGAGGATGCGCACTATGTCTACCGCCACGATGAATACGGCAGGCTGACGGAGAAGACGGACCGCATCCCGGCGGGTGT GATACGGACGGACGACGACCACCACCACTACCACTACGACAGCCACCACCGCCTGGTGTTCTACACGCGGATACAGC ATGGCGAGCCACTGGTCGAGAGCCGCTACCTCTACGACCCGCTGGGACGGCGAATGGCAAAACGGGTCTGGCGGCGGGAG GGTGCAGACTGACACCACACGTATCCAGACGGTATACGAGCCGGGAAGCTTCACGCCGCTCATCCGGGTCGAGACAGAGA ACGGCGAGCGGGAAAAAGCGCAGCGCGCGCAGCCTGGCAGAGACGCTCCAGCAGGAAGGGAGTGAGAACGGCCACGGCGTG GGCGTGGCTTGCGCAGTGCGGGCTGACGGTGGAGCAACTGGCCAGACAGGTGGAGCCGGAATACACACCGGCGCGAAAAG CTCATCTTTATCACTGCGACCACCGGGGACTGCCGCTGGCGCTTATCAGCGAAGACGGCAATACGGCGTGGAGCGCGGAA TATGATGAATGGGGCAACCAGCTTAATGAGGAGAACCCGCATCATGTGTATCAGCCGTACCGTCTGCCAGGGCAGCAGCA TGATGAGGAATCAGGGCTGTACTATAACCGTCACCGGTACTACGATCCGTTGCAGGGGCGGTATATTACTCAGGACCCGA TGGGGTTGAAAGGGGGATGGAATTTATATCAGTATCCTTTAAATCCACTACAACAAATTGACCCTATGGGATTATTGCAG  GTATTGTCTGTAAAGATACTAATGGAAAATATTTTGCATCTAAGGCAGAAACTGATAATTTAAGAAAGGAGTCATATCCT  $\tt CTGAAAAGAAAATGTCCCACAGGTACAGATAGAGTTGCTGCTTATCATACTCACGGTGCAGATAGTCATGGCGATTATGT$ TGATGAATTTTTTTCAAGTAGCGATAAAAATCTTGTAAGAAGTAAAGATAATCTTGAAGCATTTTATCTCGCAACAC CTGATGGACGATTTGAGGCGCTTAATAATAAAGGAGAATATATTTTTATCAGAAATAGTGTCCCGGGATTGAGTTCAGTA TGCATACCGTATCATGATTAATTTTAGTGCTTTTATTAGTGGGGGCCTATAAGGAGATTCAATGAAATATAGTTCAATATT TTCGATGCTTTCATTTTTTATACTATTTGCCTGTAATGAGACAGCTGTTTACGGTTCTGATGAAAACATTATTTTTATGA GGTATGTGGAAAAATTACATTTAGATAAATACTCTGTTAAAAAATACGGTAAAAACTGAAACAATGGCGATACAATTAGCT GAAATATATGTTAGGTATCGCTATGGCGAACGGATTGCAGAAGAAGAAAACCATATTTAATTACGGAACTACCAGATAG ATGAGTGGGGCAACCAGCTGAATGAAGAGAACCCGCATCACCTGCACCAGCCGTACCGGCTGCCGGGGCAGCAGTATGAT AAGGAGTCGGGGCTGTACTACAACCGGAACCGGTACTACGATCCGTTGCAGGGGCGGTATATCACTCAGGACCCGATAGG GCTGGAGGGGGGATGGAGTCTGTATGCGTATCCGCTGAATCCGGTGAATGGTATTGATCCATTAGGGTTAAGTCCCGCAG ATGTAGCGCTAATAAGAAGAAAAGATCAACTAAACCATCAAAGAGCATGGGATATATTATCTGATACTTATGAAGATATG AAGAGATTAAATTTAGGTGGGACTGATCAATTTTTCCATTGTATGGCATTTTTGTCGAGTGTCTAAATTAAATGACGCTGG TGTTAGCCGATCGGCGAAAGGGCTGGGTTATGAAAAAGAGATTAGAGATTACGGGTTAAATCTGTTCGGTATGTACGGCA GAAAAGTAAAGCTATCCCATTCTGAAATGATTGAAGATAATAAAAAAGACTTGGCTGTAAATGACCATGGGTTGACATGT CCATCAACAACAGATTGCTCAGATAGATGTAGTGATTATATTAATCCAGAGCATAAAAAAACGATAAAGGCTTTACAAGA AGTTTTTACATGGCTCCCAGATTTTTTTCCGCACGTAGCGGTGGATATATCAATATACACAAATGTAGAAGATGATTATT TTTTTCTTATTTTTCCCTAACAAATGATGATGGGGGTAGGTTTAAGAAAACATTGACAGTGAGGGCCAGGGAACAAGTGG CGAAAATCGTATCAAAGAATGATCCAGATACAAAAAAAGTGTGGTGTAAATATGGTAAGATACCAGGGCAAGGGGATGGT GTAAACCTTTTTTTTTGTTGGTGAAATTAATGTTACGCATTATTTTATAACAAATATTGGAGCTGGATTGCCTGATGCTTG TGCAGAGTAATTGCTTGAATTAAGAGTCTATCCCATATCGAAGTCGTCAACTTCGTAGTGAGGAAAAGTAAAATTCCTGA  $\tt CTGAGAAAGACATGTCGGCTATTGTGTAAAGCCATATAGCTCAGACGATGAATATCTACTCGTATTCAGTTGTTTATTG$ AGGGTGAGTTCCGACCCTGAAACAACAAATAAAATGAACAGTCAGAGAGTTTACATAGAATTGCACTGGTCTTTTACGAT AACTCCATACAACTTTTTACGGAACGTCACCTGATAAAATTTGTTCAGTATCGTCTTTTGAGATTCTCAAGGTTATGGAG TAACCAGACAGAACGGACACCACTGTCGGAGATAAAAACCCCCTGTTTACGCAGCTCGTTGCTGGCCCGGTGCTGACCAT GTGTCGGGAAAGCGACGGCGTAATCAACAACAGCCTGTTCAGTTGCCTCATCGGTACGGTTCTTAAGGTTAGGAGCGCGG CGACTACGATTAATCTGCGCATCCACACCGCCTTCAGCGACCAGTTCGCGGTAACGATAAAACGTATCACGCGAAACGCC TGGCAGTATGAAGCATGAGAGTTACCTCTTGTTTTGGATAAGGATTCGACACTCATATCAAAACCGGTAACTCTCAACCT TTCAAGGCCATGTGTCAGATCAAGTCGCGACTAATACAAATACGTCCCTCATTACCGCCGCCTTAACCCATTCCGCCACTT  ${\tt AGCCAGTTCGTTATAGCGCTGTAGCCCCAGCCGACGCTTAATCGCCGAAAGTCCGTGATGCAGGTATTCGCAATACTCCT}$ GCCAGCCCTGTTCGTCGCCGTACGCGTGGGTAAAATCATGATGCATACGCAAGAAATACTCTTCGTTCAGGCGCTCAAGA  $\tt GCAGGTTTTCAAAACTCGCCTGGCTAAGTTGTGGTTGTAACGTGCGACCAAACGCCGAACCGCGATGACGCGCCAACCCT$ TCCAGATCAACACCGTTCGGCTGTTGCTGCACTAACAGCGTTTTACCGCTGCCGGTACAACCGCCAATCAGCACTATCGG TTTTTGTGCCAGTTCAATAGTCGCCTGAATCGCGGTCTGGCGCAGTGCCTTATAACCGCCTTCCACCAGCGGATAATCAA TCCCCGCTGCATGCAACCAGCTTTGCACAATATGTGAGCGCTGACCGCCACGGGCGCAGCAGAGAATACCTTGCGGATTT TGCAGGCACGCTGCCCGCCAGGCGTCCATGCGCTGCTGACGAATTTCACCCGCCACCAGTTTATGTCCCAGCGCCAGCGC TGCGTCTGAGCCTTGCTGTTTATAGCAGGTGCCAACGGCGGCGCGTTCATCGTTATTCATTAACGGCAGATTGATAGCGG  ${\tt CGGGCATTGCGCCGTGCTCAAACTCGATAGGGGCGCGAACATCAATAATGGGCGTATCAGCAATCAGCAGGGCACGATAG}$ TCCTGTTCCGTGTGTCTCTCTTGCATAGTTAAAAGTGAACCTCAAATCAGCTTGCGCGCTATTTTACGCGCCCAACGCGCA AGGAAACTTGATTTTTAACTGCGTGGGTTGCCGAAAATTTCTAAAAATCCGCTGATTTCCGGCCTGCGTGAAACAA GGTCACAATATCTTCTACCGCTTTGCCGCTGCCAAATTTGCGCCATGCCAGACTCAATGGCGAAGGAGGGCGCATCGTTG GGATTACCCGGCTGACCAGTTGTTGATTATCGATCATTGACTGGCAAAGCGATTTTGGCAAAAAAACCAATGCCAACGCCC GCCAGATGGGCGGCGATTTTCGTTTCCATATCGGGAACAATAATCTCTTTTTGCCCTGGCAATCGCCAGGCGACGCGTTT GGTTAAGGTGCGGCGCTGTCTTCAATATTGACCGCCGGAAAGCGCCGCAACTGCGCTTCTGTTAGCGGCTCTTCAACGT TCGCCAGCGGATGATCCGCCGCCATGACAAAGCGCCATTGCACCGATCCTAAGGGATCAAGACTAAAGGTATTTGCCAGC GCCTCAGTTCCCGTGACGCCGATAGCCAGCGAAAAACCTTCGTACAATAGCGAGTCCCAGACGCCCATATAGATTTGTCG GGAGATGTGAAACTGGGTAAAGGGGTAACGCTCATTCAGCCACGCCAGCAACTGGGCGACGGCCTGGGGGTTGTAGAGCA  $\tt CGCTACTCCGGTATTCTCTTCCAGAAGTTTAATGCGATAACTGATCGTCGCCGTGGTTTTACATAATCGTTCTGCCGCTT$ TTGAAAAACTTCCTGTTTCAGCAACCGCAATGAAAGTCCGCAAGGTTTCTGGATCGAACATCTTCAGGTATCCCCTTTTA AATCCGCAAGTTGCGTGATTTCTTATCCTCTGATTTATCAGTATTTTTACATGATAACCCTGTTCAATTTGTGGACTAA ATCTAGTTTTGGAAAAATATTCCAACTTTTGTATTGATGTTGTTCTCTTAAGGTTTTAGATTGCCTGTTATTGAAACCAA GCTGACCGGTCGGCGGTGGTTGAACGGAATTATGTTACAAGGACAAAAAGATGAAACTTCAGGTATTACCGTTAAGTCAG GAAGCCTTTAGTGCTTATGGCGACGTAATCGAAACGCAGCAACGGGATTTTTTCCATATTAACAATGGCCTGGTGGAGCG TTACCACGATTTGGCGCTGGTTGAGATTCTTGAGCAAGACTGTACGCTTATCAGCATTAACCGCGCGCAACCGGCGAATC TGCCGCTGACCATTCACGAACTCGAACGTCATCCGCTGGGTACTCAGGCCTTTATCCCGATGAAAGGTGAGGTGTTTGTG GTGGTCGTGGCGTTAGGTGACGACAAACCAGACCTGTCAACGCTGCGGGCGTTTATCACCAACGGCGAACAGGGAGTGAA GTGACAACTGTGATGTTGAAAGTATTCCTGAACAGGAACTCTGTTTTTGCGTGACGCCTGCAACCGACTTGCATAAGATAA  ${\tt ACTAATTGTTCATTGTTATGCTCACTTGTAGGTCGGAGTTAACGTAGGTATGACGGAAGTTAGACGGCGGCGGCAGGCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCA$ GGACAGGCGGAGCCTGTGGCACAGAAGGGCGCACAGGCGTTAGAGCGGGGAATTGCGATTCTGCAATATTTGGAAAAAAG  $\tt TGGGGGAAGTTCGTCGGTTAGCGATATTTCTCTCAATCTGGATTTGCCGCTCTCCACGACCTTTCGCTTGCTGAAGGTTT$ TACAGGCAGCGGATTTTGTCTATCAGGACAGTCAATTAGGCTGGTGGCATATAGGATTAGGTGTCTTTAACGTCGGTGCG  ${\tt CAATGTCGCGATCCGTAACGGCAATGAAGCGGTATTAATTGGTCAGTTAGAGTGTAAATCGATGGTCAGGATGTGTGCGC}$ AGCATCATTCTGCAAACCGGTTTGCAGCAGTTTACGCCAACTACGCTTGTGGATATGCCCACCTTGCTGAAGGACCTGGA ACAAGCGCGTGAACTGGGCTATACCGTAGATAAAGAAGAGCATGTTGTAGGTCTGAATTGCATAGCTTCAGCAATTTACG TGCATAAAGAAGATTTTCAGGCCGTAGATATTGAAGCAATTGCTAAACCGGTCAGCAAAATGGCGGTTACAGTTCGTGAA  $\tt GCGGCGCTGGTGCTGCAACAGGCATTTCACCTGATGCGTTCTGGTCGGGTCCGGTACTGGTGGATTT$ AATGCTGACGCAGCTGCACTGTTACAACAGTTTGCTGAACTGACCAGCGTTCCGGTGATCCCAACGCTAATGGGCTGGGG  $\tt CTGTATCCCGGACGATCATGAACTGATGGCCGGGATGGTGGGTCTGCAAACCGCGCATCGTTACGGTAACGCAACGCTGC$ TGGCGTCTGACATGGTGTTTGGTATCGGTAACCGTTTTGCTAACCGTCATACCGGCTCGGTAGAGAAATACACCGAAGGG

CGCAAAATCGTTCATATTGATATTGAGCCGACGCAAATTGGTCGCGTGCTGTGTCCCGGATCTCGGTATTGTCTCTGATGC TAAAGCGGCGCTGACACTGCTGGTTGAAGTGGCGCAGGAGATGCAAAAAGCGGGTCGTCTGCCGTGTCGTAAAGAATGGG TCGCCGACTGCCAGCAGCGTAAACGCACTTTGCTGCGCAAAACCCACTTCGACAACGTGCCGGTGAAACCGCAGCGCGTG TAGGGGTTTGTGCCGCTGATCCGAAACGCAATGTGGTGGCGATTTCTGGCGACTTTGACTTCCAGTTCCTGATTGAAGAG TTAGCTGTTGGCGCGCAGTTCAACATTCCGTACATCCATGTGCTGGTCAACAACGCTTATCTGGGGCTGATTCGTCAGTC ACAACGCGCTTTTGACATGGACTACTGCGTGCAACTCGCTTTCGAGAATATCAACTCCAGTGAAGTGAATGGCTACGGTG TTGACCACGTAAAAGTAGCGGAAGGTTTAGGTTGTAAAGCTATTCGGGTCTTCAAACCGGAAGATATTGCGCCAGCCTTT GAACAGGCGAAAGCCTTAATGGCGCAATATCGGGTACCGGTAGTCGTGGAAGTTATTCTCGAGCGTGTGACCAATATTTC GATGGCCAGCGAACTGGATAACGTCATGGAATTTGAAGATATCGCCGATAACGCAGCGGACGCACCGACTGAAACCTGCT TCATGCACTATGAATAAGGGAGATAAATAATGTTACGTTTCTCTGCTAATTTATCGATGTTATTTGGAGAATATGATTTT  $\tt CTCGCCCGTTTTGAGAAAGCTGCGCAGTGTGGTTTTCGCGGCGTTGAATTTATGTTTCCTTATGACTACGACATTGAAGA$ GGTAATAAAAAATTAACTGTCTGGTCGGTAAAACGCCGGCTGGTTTCAGCAGTGAACAGATTCACGCAACGCTTGTAGA AAACCTGCGTTATGCCGCGAATATGCTGATGAAAGAAGATATTTTATTACTGATTGAACCTATTAACCATTTTGATATTC GACATTTATCATATGCAGCGGATGGAAGGTGAATTAACCAACACCATGACTCAGTGGGCTGATAAAATTGGTCACCTGCA  $\tt TGGCGCGTGCCGGTCATCAATTACATGTCACGACCATTGGACCGGTTGCTGATGAATTACTGTCACTGGGTGCCGTCAGT$ GTTGAAACTGCTCGCCAGGTAACGGAAGCATCGGACATCATTTTTATTATGGTGCCGGACACACCTCAGGTTGAAGAAGT TCTGTTCGGTGAAAATGGTTGTACCAAAGCCTCGCTGAAGGGCAAAACCATTGTTGATATGAGCTCCATTTCCCCGATTG ATATTGAAGCGGTTTCTGAAGCCCTGCTATTTGCTTCAAAAGCCGGTGCGGACCCGGTACGTGTGCGCCAGGCGCTGATG GGCGGCTTTGCTTCCTCACGTATTCTGGAAGTTCATGGCGAGCGTATGATTAAACGCACCTTTAATCCGGGCTTCAAAAT CGCTCTGCACCAGAAAGATCTCAACCTGGCACTGCAAAGTGCGAAAGCACTTGCGCTGAACCTGCCAAACACTGCGACCT GCCAGGAGTTATTTAATACCTGTGCGGCAAACGGTGGCAGCCAGTTGGATCACTCTGCGTTAGTGCAGGCGCTGGAATTA ATGGCTAACCATAAACTGGCCTGATACCCGCAATAAAAATGGCCGATATCAGAAAATGAATCGGCCAGCAATATTAAAAA AGAAAGCAGCCAAAGATGTTGCTTCAGTATTAAAAATAATATTTTTATTTTATTTGTTCCTCATAGCTAGATTAAAACAA CGTTATTCGATACGTGAAATTAAGAGGGATTTATGGAACATCAGAGAAAACTATTCCAGCAACGCGGCTATAGCGAAGAT TCCCAATTATGTGATGGTCGGCGGCTTTTTTATTCTCGGCTTGTCTACCTTTAGTATTATGCTGGCAATTATCCTCAGCG  $\tt CCTTTTTCATTGCCGCGGTAATGGTATTAAACGGTGCTGCGGGCAGTAAATACGGTGTCCTTTTGCCATGATCCTGCGT$ GGCAAAGTTTTAAATAAATTCACTGCCATTCTTAACCCGTGCATCTATATCGTTTTCGGCGGTATGGCGATTTGGGCGAT TTCACTGGTCGGGATCGGTCCAATCTTTGACTACATTCCGAGCGGTATTCAGAAAGCAGAAAACGGTGGCTTCCTGTTCC TGGTGGTGATTAACGCGGTAGTTGCGGTCTGGGCGGCACCGGCGGTGAGCGCATCCGACTTTACGCAAAACGCCCACTCG TGCCGGAGCCAGTATTCACTACGGCGCTGATACCTGGAACGTGCTGGATATTGTTCAGCGTTGGGACAGCCTGTTCGCCT  ATTGCCGCCATTGCACCGACAAAACTGACCTATAAAAACGGCGTACTGATTGCCAGTATTATCAGCTTGCTGATCTGCCC GTGGAAATTAATGGAAAATCAGGACAGCATTTATCTTTTCCTCGATATTATCGGCGGAATGCTTGGTCCGGTAATTGGTG TCATGATGGCGCATTATTTTGTGGTGATGCGCGGACAATTAATCTTGATGAACTGTATACCGCACCTGGCGATTATAAA TATTACGATAACGGTTTTAACCTCACTGCGTTTTCAGTAACTCTGGTGGCCGTTATTTTATCTCTTGGCGGTAAGTTTAT  ${\tt TCACTTATGGAACCGTTATCGCGTGTTTCATGGTTTGTCGGCGTCATCGTCGCCTTTGCGGCCTACGCCTTATTAAAGA}$ AATCTGTATTTTACAAGGAGTTTGTTATGTCTTTTGATTTAATCATTAAAAACGGCACCGTTATTTTAGAAAAACGAAGCT CGCGTTGTAGATATCGCCGTTAAAGGCCGGAAAAATTGCTGCTATCGGTCAGGATCTGGGCGATGCAAAAGAAGTTATGGA TGCGTCTGGTCTGGTGGTTTCGCCGGGCATGGTTGATGCGCACACCCATATTTCTGAACCGGGTCGTAGCCACTGGGAAG GTGGCGATCGCGGTATCGACAACGACTTCCGTGATGTAAACGACTGGCAGTTCTTCAAAGGTGCGCAGAAGCTGGGCGAA AAGTTGCTGGTTGCCGTCTGCACGTTTGCCACGTCAGCAGCCCGGAAGGTGTTGAGGAAGTGACTCGTGCACGTCAGGAA  $\tt GGTCAGGACGTTACTTGTGAATCCTGCCCGCATTACTTTGTACTGGATCACTTCGAAGAAATCGGTACTCTGGC$ GAAGTGTTCACCGCCGATCCGCGATCTGGAAAACCAGAAAGGCATGTGGGAAAAACTGTTTAACGGTGAAATCGACTGCC TGGTTTCCGACCACTCTCCATGCCCGCCGGAAATGAAAGCCGGTAACATCATGAAAGCATGGGGCGGTATCGCCGGTCTG  ${\tt CAAAGCTGCATGGACGTGATGTTCGATGAAGCGGGTACAGAAACGCGGTATGTCTCTGCCAATGTTCGGCAAATTAATGGC}$ GACTAACGCAGCAGATATTTTCGGTCTGCAGCAAAAAGGCCGTATCGCCCCAGGAAAAGATGCCGACTTCGTCTTCATTC AGCCGAATAGCAGCTATGTTCTTACCAATGACGATCTGGAATATCGCCACAAAGTCAGCCCGTATGTTGGCCGTACCATT GGCGCGCGTATCACGAAAACCATCTTACGTGGTGATGTGATTTACGACATTGAACAGGGCTTCCCTGTTGCGCCGAAAGG TCAATTTATCCTTAAACATCAGCAGTAATCTGGCCCCTGCAATGCCCGTCCTTGCGGCGGGCATTCTCCGGTTAAGGTGT GTTTATGTTCAATTTTGCAGTCAGCCGCGAAAGCCTGTTATCAGGATTTCAGTGGTTTTTCTTTATTTTTTTGCAACACGG TTGTGGTTCCTCCTACGCTACTTTCTGCTTTTCAGTTGCCGCAAAGTAGCCTGCTTACGCTCACGCAATATGCTTTTCTT GCTACCGCACTGGCCTCGCTCAGGCGTTTTGCGGTCATCGTCGCGCTATTATGGAAGGGCCAGGTGGCCTGTGGTG GGGAACCATCCTTACTATCACCCTTGGTGAAGCATCGCGGGGGACACCGATCAACGATATCGCCACCAGCCTGGCAGTGG GGATTGCACTCTCCGGCGTGCTGACGATGTTGATTGGTTTTAGCCGGATTAGGCCATCGCCTGGCACGGTTATTTACGCCG  $\tt TCGGTGATGGTCTTGTTTATGTTGATGCTGGGCGCGCAGCTGACCACTATCTTTTTCAAAGGTATGCTCGGGCTGCCGTT$ TGGCATAGCCGACCCGAATTTTAAAATTCAGTTACCGCCGTTCGCGCTCTCGGTGGCGGTGATGTGCCTGGTACTGGCGA TGATTATCTTCCTGCCGCAACGTTTTGCCCGTTATGGCCTGCTGGTCGGCACCATAACCGGCTGGTTGTTGTGGTACTTT TGCTTTCCTTCTTCGCACTCGCTCTCCGGTGAGTTGCACTGGCAGTGGTTCCCGCTCGGCAGTGGCGGTGCTTTGTCGCC GGGAATTATTCTGACGGCGGTGATTACAGGTCTGGTAAATATCAGCAATACCTACGGTGCGATTCGGGGCACGGATGTTT TTTATCCGCAGCAGGGCAGGGAATACGCGTTATCGTCGTAGCTTTGTGGCGACCGGATTTATGACGCTGATAACCGTA  ${\tt CCGCTGGCGGTAATTCCATTTTCACCGTTTGTTTCATCCATTGGTTTATTAACCCAGACTGGCGATTACACGCGGCGTTC}$ GTTTATTTATGGCAGCGTTATTTGCCTGCTGGTGGCGCTGGTTCCTGCACTCACGCGACTGTTTTGCAGTATCCCTTTAC  ${\tt CCGTGAGTAGTGCGGTCATGCTGGTTTCTTATCTGCCTTTACTCTTTTCCGCGCTGGTGTTTAGCCAGCAAATAACGTTT}$  ${\tt ACCGCTCGCAATATTTATCGACTCGCATTGCCGTTATTTGTCGGCATATTTTTAATGGCATTACCGCCTGTGTATCTGCATTGCATTGCCATTGCCATTGCCATTGCCATTGC$ AGACCTTCCATTAACGCTTCGTCCTCTGCTCAGTAACGGCTTATTGGTCGGGATTTTACTGGCTGTTCTTATGGATAACC TTATTCCGTGGGAACGCATCGAATAATTTGTTGAAAAAGGATTGATAATGAAGATTGTCATTGCGCCAGACTCTTTTAAA GAGAGCTTAAGTGCAGAAAAATGTTGTCAGGCAATTAAAGCCGGGTTTTCGACCCTCTTTCCCGATGCGAACTATATCTG TTTGCCGATAGCGGATGGCGGCGAAGGGACGGTGGATGCGATGGTCGCCGCGACGGCCGAACATCGTGACGCTTGAAG TCTGCGGGCCGATGGGCGAAAAAGTGAATGCTTTTTATGGCCTTACCGGCGACGGGAAAACGGCGGTGATTGAGATGGCG TCGTCATGCGCTGGATAACGACATTCGCCATATTATTCTCGGCATTGGCGGCAGTGCGACGGTCGACGGCGGTATGGGCA TGGCGCAGGCGCTCGGTGTGCGTTTCCTTGATGCCGACGGTCAGGCGCTGGCGCAAACGGTGGTAATTTAGCGCGCGTG GCAAGCATTGAGATGGATGAATGCGATCCGCGTCTGGCGAATTGCCATATTGAAGTAGCATGTGACGTTGATAACCCGCT

GGTAGGGGCACGCGGCGGCGGCGGTGTTTGGCCCGCAAAAAGGGGCCAACGCCGGAGATGGTCGAAGAACTTGAACAGG GGTATGGGTATTGCGGCGGCGGTATTTCTCAATGCGGATATTAAACCGGGCATTGAAATTGTGTTGAATGCGGTCAATCT TGCGCAGGCAGTGCAGGGCGCAGCACTGGTGATTACCGGGGAAGGGCGCATCGACTCGCAAACGGCAGGCGGTAAAGCGC GTGGTGCACCAGTACGGCATTGACGCGGTATTCAGCATTTTGCCTCGTCTGGCACCTTTAGCCGAAGTGCTCGCCAGCGG TGAAACCAATCTCTTCAACAGCGCGCGAAATATTGCCTGCGCCATTAAAATAGGTCAGGGAATTAAAAACTAACCCTTAC CACGGTATAAACCGTGGCAAAATCCAACATAGCTAAAAATAATCAGGCGAGTGGTATGACTTAAATCTCTACGTCGCGGT TACAATCTTTCGAGTAAATATAGCTGAACGCTTCACCACGCCCTACACCATAACCAGCCTGTAAAGAATAAGCGCCCATA AAGATGTAATCGCCTTTTTTCACCGGGATCCAGTTATTGTCGAGGTTATAAACCCCCTGACCGGAAAGAATATAGGCACC  $\tt CCAGAAACCAGCCACGGTGCATAGCCTTCTACCGGAACATAGCGGCGCTTATATAAAAAGATTTGGCTGTCTTCGGCCTG$ GGCGTTAACAAACGTCATTAAGGAGCCTGGCGGGCAATAAAGATAGCCACCTTCGCTTAAGGCAAATGTTTTGCCTTCGG TTTTGATGCAGTGTGACCAGATAATCAACAAAAGAGGCACCCAGCTTTGGCGTGGAGAGAGTTGTCGCGTCACAATTTTC AAAGCCCGGAATAATATTTTTTACCAGACCATCCGGGGTTAACAGTGCGAAATTACCGTGTTTAACAATCGCACGGTTAG  ${\tt AAGCATGAGTGCCAACGTTTTGACCCCTTCGGCAAGGTCGGTAATATTGGTGCGTTCCGCCGGGTTATGGCTGATCCCGTTAGGCTGATCAGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCCCGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGCTGATCAGGTTAGGTTAGGCTGATCAGGTTAGGGTTAGGTTAGGTTAGGTTAGGTTAGGTTAGGTTAGGTTAGGTTAGGGTTAGGTTAGGTTAGGTTAGGGTTAGGTTAGGTTAGGTTAGGGT$ TGATGCTGGGGATAAAAATCATGCAGGTTGGTACGCGAGGCGCGAAAATTTTGCGCGTCGTGCCCGGCACCACTGTGCATC GTCCATCCATAAATCGATATCAATACCAATGTCCATTTCATCGCAAATCGCCCGCATGTCGTTTTCTAACTGTTGGGTGA ATATGCAGTTCAACAAAGGCTTTAATATCCTGACGCGGAGTTAGTGGGGCGTTCGGAAGAGTAAATCCGCAAGCCTTCAT CGCATCGACAAAACTATTTCCTTTGGCATCACAGATATTCCGCACGTCGTCAGGATTCGCCAGCCCAAAAATATTTTTAC TATTGCGTTTTCAGCCAGTCAATTGCCAGCCACGCCGCCGCCGAATTGCCCGTCAAGGTTACCGCCGTTAACCAC GGTATCGATATGCGAACCGCTCAGAACCACTTCCTGTGGATATTCGGTGCCATTCAGGCGACCGTATAAATTCCCCACTT  $\tt CATCGAAACGTGTTTCCAGCCCGCTTGCTGCCATTCTTTTTTAAATTGCTGCTGGGTTTCCAGCCATTCCGGCGAATAA$ AGTAAACGGGTCATCCCACCCGCTGGGTCAGCGCCAAAAGAGGAAAGCCAGGGCAGCGTTTCTTCTATAGCTTGACGGAA ATGTGTAATCATAAGAAAGTCCTGTCTCAATAATTATTGCGCAAAGGGATTTTTCGTTTCGTATGACGTGTTATAAAGCG TCCTGTCCGGGATAATAAACCTGATTAAAACCGGGCGCGGGGGTAATGGCATTTAATTCGCGCATGGTCTGGCTAAGATG TTGACGGAATAATTCGCTGGAGGAGAAAAAGTTCGGATTAATAACTATATGTAATTGCCCCAAATTACGCCCTGCGTGTA TATCAAAGGTAAGGATCTCGTCGCCTTCTCCCGGCGCGCAAAGGCCAGGGGGTTAGTACCGTAGTAAATTTCCGCGCCG AGAGATTGCGCCGCTGTGACCCATCCGGCTGATACCGACCACCGCAACGCCATTTTGCTGGGCGGTTTTTGATGGCATGTTCGAAACTCCGGTTCGCGGTTGGTGCCGCCTTTTGAAATGCGTTCCGCGTAGTATTCCACGCGCACCGCGCCATGAGAGTG GATCCCTCTGGCATCGGCGTAAACCAATACTTCAGCCACGGTTGCAGCGTGCTCACGTTTTAACCCAGCCTGGCAGAGTT TATTCTCAATTAGCTGGTGGAGTGTTTCCCGACTGATTTTCATCTGTCTTCCTTTTTAACGACGGTGTGAAGCATGACTG GCTCACTTTTAACCTGATTTTTAAAACAACAACGCTTATTAAAAAAATAATGAGTAATAGCCTGGTGGTTATTTGAATTCT TTTGTTAATAATTCCTGTGTGATATTCATCACCTTATTTACTCGTTGTCATCGATACCGTAATCGCCACATTAACACTGC TCGTGCAATTGCCATGGGTGCAATTTTTAAGGAGTTGTTATGATCCACGCCTTTATTAAAAAAAGGGTGTTTTCAGGATTC GGTCAGTTTAATGATTATTTCACGAAAACTCAGCGAATCAGAAAATGTTGATGATGTTTCCGTAATGATGGTACGCCCG ATTCGTAGCGAAGCGGCGGATGCGGGGATCGCGCAGGCGATTATGCAGCAGCTTGAAGAGGCGCTAAAACAACTGGCGCA GGGGTCAGGCAGCCAGGCGTTGACGCAGGTGCGTCGCTGGGACAGTGCCTGTCAGAAATTACCCGATGCCAATCTGG  $\tt CGCTGATTTCAGTGGCTGGCGAGTATGCGGCGGAGCTGGCAAACCAGGCGCTGGATCGCAACCTCAACGTGATGATGTTC$ AGTGCTGGCATTTGTTTCAAAACCACCTGCCGAAGCTGTGCGTCTGAAAATTGTTAATGCCATGAAAGCAACCGGCAAAC  $\tt CCCATCAACATGGCATGATGCTGGACGCCGATAGCCACCAGATTATTGACCTCGGCGATGATTTCTACACCGTCGGGCGT$  $\tt CCCCATCCGATGATCGACCCAACCTTACGCAACCAGTTAATTGCCGATCTCGGCGCTAAACCGCAAGTGCGCGTGTTGCT$ GCTTGATGTCGTGATTGGCTTCGGTGCGACCGCCGATCCTGCCGCCTGGTGAGCGCCTGGCAAAAAGCCTGTGCCG CGCGTTTAGATAATCAACCACTGTATGCCATTGCCACGGTGACAGGCACTGAACGTGACCCGCAATGCCGCTCGCAGCAA TCCGCTCTCGCCTGCCGCACACCACACCCCTCATTACTGGAAAACGTCGCCGTGATTAACATCGGATTACGCAGCT TTGCGCTGGAGCTACAAAGCGCCAGCAAACCGGTTGTGCATTACCAATGGTCGCCAGTCGCCGGTGGCAATAAAAAACTG GCTCGTTTATTAGAACGTTTGCAATAAGGGGTTCCCATGTTTACATCAGTGGCGCAAGCCAATGCTGCGGTTATCGAACA  $\tt GAAGGTTGGGCGAAAGATGAAGCGCAGGCGCTGGCAATACTGGAGCAGGGGGAAGTGAACTTCATTCCTTGTCACCATGT$ GAATGCCGTCGGGCCAATGGGCGGTATTACTTCTGCCAGTATGCCGATGCTGGTGGTTGAGAACGTGACCGACGGCAACC GGGCGTACTGCAACCTCAACGAAGGTATCGGCAAAGTGATGCGTTTTTGGCGCTTACGGCGAAGATGTCCTGACTCGCCAT CGCTGGATGCGCGATGTTAATGCCAGTATTAAGCGCGGCGCTGGGGCGCATGGAGCGCGGTATCGATCTCACGGCGAT  $\tt CCCCACAAATTGCTCGCCTCGATCATGATAAACAGCACATCGCCGAAGTGATGGATTTCCTCAGCGTGACCGATCAGTTC$  ${\tt AATGACCCGCAACGGCAATATGTTCGGGATTCGGGTAAGCGGGCTGGGCGAACGCTGGTTTACTGCGCCTGTAAACACTC}$  $\tt CGCAAGGTCTGTTTTTCACCGGCTTCTCGCAGGAGCAGGCGAACCCGGATATGGGCGATAGCGCGATTACCGAAACCTTT$ GGTATCGGAGGTGCGCAATGATCGCAGCGCCTGGCGTAACGCGCTTTGTCGGTGCGGTGGCATGGAAGCGGCAAGAGC GGTATCTGAAGAGATGCCGGAAATTTACCTTGAACGCAATATGCAGTTGCAGATCCCAAGCTGGGATTTTCAGGGCCGCGT GCCTGGGGCTGGACATTCGTCGCGTGGTAGAAACCGGCATTACGCCATCATCAATACCGGTATCGCCCATAAAGAGGCG GGGATCGGGCAGATTGGCGCAGGCACCGTGCGGGCACCGCTGCCTTTGAACAGGCGCTGGAAGCACTGGCTGAAAG TCCTGGCGGTTAGCGGAGTGTGGCGGCGGGCGATTAACCTGATGACGGAAAGCGGCGAACTGTTAACGTTGCATCGTCA GGGTAGTGGTTTCGGCCCCGGAGGATGGGTGCTTCGCCGTGCGCAATTCGATGCGTTATGCGGTGGATTATGCGGCAATG GGCGTTGGCGGCAAGCGATCCGCTGCCTGCTGAGTTACGCCAGTTTCGTCACTGTTTTCAGGCCGCGCTCAATGGCGTTA AGACCGACTGGCGGCACTGGCTGGGTAAAGGCCCCGGATTAACGCCGAGTCATGATGACACGCTGAGCGGAATGCTGCTG  ${\tt GCGGCCTGGTATTATGGCGCTTTAGATGCGCGCTCCGGTCGTCCGTTTTTTTGCCTGTTCCGACAATCTGCAACTCGTTAC}$  $\tt CACAGCGGTGAGCGTCAGTTATTTACGTTATGCCGCGCAAGGATATTTCGCCTCGCCACTCCTGCACTTTGTTCATGCTC$ TGAGTTGCCCGAAACGTACCGCTGTTGCGATTGATTCGCTGCTGCGCGCTGGGGCATACGTCAGGGGCAGATACGCTGCTG GGGTTCTGGCTTGGCCAACAATTATTACAAGGAAAACCATGAAAACACTGGTTGTGGCTCTTGGGGGCAACGCCTTACTC TTCTTATCGGTTGGCGATTGTTCACGGCAACGGGCCGCAGGTGGGGCTGCTGCCATTGCAGAATCTGGCGTGGAAAGAGG TAGAACCGTATCCGCTGGATGTGCTGGTTGCGGAAAGCCAGGGGATGATTGGCTATATGCTGGCGCAGAGTTTGAGCGCA GAAATTTATTGGTCCGGTTTATCAGCCAGAAGAACAAGAGGCACTGGAAGCGGCTTACGGCTGGCAGATGAAACGTGATG GTAAATATTTGCGCCGGGTGGTGGCGTCTCCGCAACCGCGTAAAATTCTCGACAGCGAAGCCATCGAGTTGTTGCTCAAA GAGGGGCATGTGGTGATTTGCAGTGGCGGCGGCGGTGTGCCTGTGACGGATGACGGAGCAGGGAGTGAAGCAGTGATTGA TAAAGATCTCGCCGCTGCGTTGCTCGCCGAGCAGATTAATGCAGATGGACTGGTGATCCTCACCGATGCTGATGCGGTAT ATGAAAACTGGGGAACGCCGCAGCAACGTGCCATTCGCCATGCCACACGGATGAGTTAGCGCCATTTGCCAAAGCCGAT GGTTCGATGGGGCCGAATGTAACGGCGGTGAGTGGTTATGTCAGAAGCCGTGGTAAACCCGCGTGGATTGGGGCGTTATC  $\tt GCGAATTGAAGAGACGCTGGCGGGCGAAGCGGGGACCTGTATTTCGCTGTAGTCGTAGGCATTAGACATTTGTGCCTGAT$ GCGACGCTTGACGCGTCTTATCAGGCCTACAACCGGTGCCGCATCCGGCAATTGGTGCACAATGCCTGATGCGATGCTTG TACCAGTGCAGATGCACCAGCGGCAGTTTCAGCCAGTCATAATTCACATCGCTACCAATCAGATTGATCATCACCGACGG  ${\tt ATTATTCACCACTGGTTGCGGTAACGGCAGATCGGTAATCGCCCGCAGATGCAGCTCAAACTGGCTGATGCTGGCACCGT}$ TTTGTGTCCAGTGACCGCTGTTATGCACACGCGGTGCCAGTTCGTTGATCAACAGACCTTGCGGGGTGACAAAACACTCC ATCGCCATCACGCCCACATAGCCCAGCTCCTGCATAATCGCCGACAGCATCTCTTCGGCTTGCGCCTGCTGCTGCGCTT GGCCTGCGGAAAAGCGCTGGTGCGCAAAATACCGTCCTGATGCAGGTTATGCGTCAGCGGATAAAACACGGTGCTGC TCTGCCGGTAACTGTTCGGTTTCATTTGCGCGTAAACGCCATTGACCGCGACCGTCATAACCACCAGTGCGACGCTTAAC AATCGCCAGCTCACCTAAACGATCAAACACCGCAGGCCACTCGCTGCGTTCGGCAAGTAACTGCCACGGTGCAGTCGGCA GGTGGAGCTTATCGAAAAGCTGCTTCTGAGTCAGACGGTCAGCAATAATCGGGAACACATCGCGGTTCACAAAGGCCGGA TGGCGCCCAGCTCGCGGGTTAATGCGGTTTCCGGCCAGCGTTCTATCTCAGCGGTAATCACGCTTTGTTGAAAAAGGCAC  $\tt CTTTGCGCCAGTCATTCAGACGCTGGTGCAGTTCTTTATCATGAGTCGCAGAATTTGTGCTGCCAGTAACGCCGCGTTT$ GCCGCGCCAGCTTTACCAATCGCCAGCGTACCCACCGGAATGCCGCGCGCATTTGTACGATGGAGTAGAGGCTATCGAC GTGCGGTGAGCAGAAACCACTTCAACGTGGTGCGGGACATTCAGGATTTCGAAGATTTCGGCGGCGAACTGCATGGTAGC TGCACAACTCTCGGCTTTAGAGGGCACAGAGAATAGCACGGAAAGAGAGCAAGGAAAACGGTTGCGTGGCTGTGAAATCA GCAAAGTTGCGGGTTTTTTAAAACGGAAAATGAATCAGCTCAACGTCATCCGCCGTGACTTTCACCATTGAACCTTCCGT ATGCCAGGCACCCAGTACCACGCGAAAAGCAGGTTGCTGATTGGCGATAAGTTCATGCACCGCCGGGCGATGGGTATGCC  $\tt CGTGGATCAGCCATTGCACCTGATGTTTTTCCATCGCACTGACCACCGCGTTTTGGTTAACGTCCATGATCGCCAGCGAT$ TAGCGTCTGCAGCCAGGGTTTGTGGACCTTGGCGCGAAAAGCCTGATAACCCGCGTCATCGGTGCACAGCGTGTCGCCAT GCATAATCAACACCCGGCGACCATAAAGTTCGAGCACCTTTTCTTCCGGCAATAACGTCATGCCACTTTCACGGGCAAAG  $\tt CGTTTGCCGAGCAGAAATCACGGTTGCCATGAATGAAATAACAGGGGAACGCCGGAATCGGACACCGCTTTGATCGCCGC$  $\tt CGCCATCTTGCGATGGGTTGGGATCGTCGTCGCCAATCCATGCTTCAAACAGATCGCCAAGAATATACAGCGCGT$ GCAATAAAGAGTGTCGCCACGATTACTCGCTAACGGTCACGCTTTCAATGATAACGTCTTCTTTTGGCACGTCCTGGTGC ATACCGCTACGACCGGTTGCAACACCTTTGATTTTGTCTACCACGTCCATGCCGTCAACCACTTCAGCAAACACGCAGTA GCCCCAACCTTGCAGGCTTTCGCCAGAGAAGTTCAGGAAGTCGTTATCAACCACGTTGATGAAGAACTGTGCAGTTGCAG TCTTTGGTGGCTTTTTGTTTCATGCCCGGTTCAAAACCGCCGCCCTGAATCATAAAGCCGTTGATAACACGGTGGAAAAT GGTGTTGTTGTAAAAACCTTCGCGGCAGTAGTCCAGGAAGTTTTTAACTGTTTCAGGTGCTTTATCGTCAAAAGTTTTGA TGACAATATCGCCGTGATTGGTGTGGAAAGTAACCATTTTTGCATCCTGTTCCGTTTGATTGGTGCTTCAACCCAGTTCG GGTCATATATAGGGTGGTGTTATAGCATAACCGCACGATCGGATCACCGCAATGTATGCTGATTCGCGCGGGAAATAT GGGTATTATACGCAACTCAATTACCCACACATGTCTAAACGGAATCTTCGATGCTAAAAATCTTCAATACTCTGACACGC TATCGGTCACGGGCGTACCTTTGTTGCTTTTGACGTGGTTGCGCGCTATCTGCGTTTCCTCGGCTATAAACTGAAGTATG TGCGCAACATTACCGATATCGACGACAAAATCATCAAACGCGCCAATGAAAATGGCGAAAGCTTTGTGGCGATGGTGGAT TATCGCAGAAATTATTGAACTCACTGAACAACTGATCGCCAAAGGTCACGCTTATGTGGCGGACAACGGCGACGTGATGT GTGGTCGACGACAACCCAATGGACTTCGTTCTGTGGAAGATGTCGAAAGAGGGCGAACCGAGCTGGCCGTCTCC  $\tt GTGGGGCGCGGGTCGTCCTGGCTGGCACATTGAATGTTCGGCAATGAACTGCAAGCAGCTGGGTAACCACTTTGATATCC$ ACGGCGGCGGTTCAGACCTGATGTTCCCGCACCACGAAAACGAAATCGCGCAGTCCACCTGTGCCCATGATGGTCAGTAT GTGAACTACTGGATGCACTCGGGGATGGTGATGGTTGACCGCGAGAAGATGTCCAAATCGCTGGGTAACTTCTTTACCGT GCGCGATGTGCTGAAATACTACGACGCGGAAACCGTGCGTTACTTCCTGATGTCGGGCCACTATCGCAGCCAGTTGAACT A CAGCGAAGAGCACCTGAAGCAGGCGCGTGCGGCGCTGGAGCGTCTCTACACTGCGCTGCGCGCACAGATAAAACCGTTGCGCCTGCCGGTGGCGAAGCGTTTGAAGCGCGCTTTATTGAAGCGATGGACGACGATTTCAACACCCCGGAAGCCTATTC CGTACTGTTTGATATGGCGCGTGAAGTAAACCGTCTGAAAGCAGAAGATATGGCAGCGGCGAATGCAATGGCATCTCACC AGCGAAGTGGCTGAGATTGAAGCGTTAATTCAACAGCGTCTGGATGCCCGTAAAGCGAAAGACTGGGCGGCGGCGGATGC GCTATTGCCGGATGCGAGTTTTCGCATCCGGTTATCGTCTGCGCCACCACAACATTCCCATCAGTAGCATCCCCGGCAAC  $\tt CACACCCACATCAATTCAGAAATAATCACCTGATGCCCGTACGGCGTGTGTAACGAGACAATGCAAACGGCGCGACTTT$ TATCACCTGCCAGGGAGCGAAAAAGCGTTCATCTGACCACGGCCACGCCAGCCCAACGCCTTTACCGCCAGTGGTTACCG CCAATAAACACACATAACAGCGGGACAACAAACGCAAACACCAGCGAATGGGTAAACCCGCGATGACCAAAAACATTGCC GTAAGCAACGCCAAATTTAAACGACAATACGTCGGCCGTCGGGCAGCATCGCCAGGATGATTCCGGCAAATAACAGACGCG GCTTCGGCAAAATGTCGATGCTATCAGCATGGATGAACGGGGCGTAGAGGGCAAAAGTCTGAAAAGAACCGGCCTGTT GATACAGGCCGGGAAAGGGATCAGGCAACAACCTGTACGCTGTGACCTGCAAAACTCACTGTCTGACCGGCGACGATTTT GCAGCGTTTGCGCGTTTCAACCGCACCGTCGACTTTCACCTGGCCTTCGGCAATCGCGATTTTCGCCTGCGCGCCGCTTT CGCTCCAGCCTTCCAGTTTCAGCAAGTCGCACAGCTCAACGTGCGGATGTTTACCTAAAGAAAATGTCGCCATGTTACTC ATCCTGTGGATCATGATATTCAACGCACGCCTGTAGCGTGTTTTCAATCAGCGTGGCAACCGTCATCGGGCCAACGCCGC GATCAATAGATCGGCATTTTCTACGTGATGACGCAGATTTTTAGTGAAGCGGTGAGTCACTGTAGTGGTGCAACCTGCCA GCAGCAGTTCCATGCTCATCGGCCGCCAACGATATTCGATGCGCCAATCACCACGGCGTTGAGGCCGAAGGTATCAATG GTTGTAAGGATGGAAACCGTCCACGTCTTTGTCCGGATGAATACGTTCCAGCACTTTGACGTTATCAATACCCGCCGGTA ACGGCAGTTGAACCAGAATGCCATCGATGGTGTTGTCGGCATTCAGCGTATCGATAAGCTCCAGCAGCTCCGCTTCGCTG  ${\tt CGATGCAGGGTTACTACCCACCAGCACAACGGCCAGTCCTGGTGCCCGCAGTCCGGCTGCAATACGCGCCTGAACTTTTT}$ GTTACGTAGATCGAAGGGGATGCGCCTATTTTGTCAGAAGCGGGGCGCGCTGTCAGGTTTCGTTTCAGATTTATCGCGTG  ${\tt AAGCGACCTCTTGCGAAGGTGAGGCGCACCGTCGCTGAGACTGAAAGCTTCATTTTTCGTCCATGATGGCGTTGTAAATC}$ TGGAACTGATTTATTTCCTTGTCTAAGGATTAAGATAATTTAAGAAATACCTGACAATATAAAAAGAATTTTCAGCCTGG TAATTTACCGCTTCAGGTCTATATTTGTGTTGAATATATTTTGCGCGGAAGTATTCATCTAACGGGGCTCTCTATTTTTT GGCTGCCGCACTATTCGCCGCTACGGGTAGTTATGCTGCCGTTGTAGATGGCGGTACAATTCACTTTGAAGGCGAACTGG TGAATGCTGCCTGTTCAGTGAATACTGACTCGGCAGACCAGGTTGTCACACTCGGTCAATATCGTACCGATATTTTCAAT GCTGTTGGTAATACCTCTGCATTAATTCCATTCACCATTCAGTTGAACGACTGCGATCCTGTTGTTGCCGCTAATGCTGC CGTTGCATTTCTGGTCAGGCTGATGCAATCAATGATAATTTATTGGCCATTGCATCCAGTACCAATACAACAACAGCAA TAATGTACCGGTTGTCTGAAGCGGTATGGTGGCAATGTAAATCGAAATCATGTTCACTTTGTATCATGCCGCTTTATTAA ATGAAAAGGGAATGTGTGTTGTAAGAAACCAAAGCAATCATTTCTTTATATTCCTTATTTTTTGCCGTCAGGAATACACA ACCGCCACTGTTTGTTAGTGAACCCAAAAGCGAAAATACTTTGCGTATTATTTACACCGGTCCACCGCTGGCAGCAGATC GTGAGTCTCTGTTCTGGATGAATGTTAAGACGATCCCTTCGGTAGATAAAAATGCATTGAACGGCAGGAATGTTTTGCAA  $\tt CTGGCGATTTATCGCGCATGAAATTATTTCTCCGTCCAATTCAATTACAAGAATTACCCGCAGAAGCGCCGGACACACTCAATTACAAGAATTACCCGCAGAAGCGCCGGACACACTCAATTACAAGAATTACCCGCAGAAGCGCCGGACACACTCAATTACAAGAATTACCAAGAATTACCCGCAGAAGCGCCGGACACACTCAATTACAAGAATTACCAAGAATTACCCGCAGAAGCGCCGGACACACTCAATTACAAGAATTACCAAGAATTACCAAGAATTACCAAGAATTACCAAGAATTACCAAGAATTACAAGAATTACCAAGAATTACCAAGAATTACCAAGAATTACAAGAATTACCAAGAATTACAAGAATTACCAAGAATTACCAAGAATTACAAGAATTACCAAGAATTACAAGAATTACCAAGAATTACCAAGAATTACCAAGAATTACAAGAATTACCAAGAATTACCAAGAATTACCAAGAATTACAAGAATTACAAGAATTACCAAGAATTACCAAGAATTACAAGAATTACAAGAATTACCAAGAATTACAAGAATTACCAAGAATTACAAGAATTACCAAGAATTACAAGAATTACAAGAATTACAAGAATTACCAAGAATTACAAGAATTACAAGAATTACAAGAATTACAAGAATTACCAAGAATTACAAGAATTACAAGAATTACAAGAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAATTACAAGAATTACAAGAATTACAAGAATTACAAGAATTACAAGAATTACAAGAATTACAAGAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAAGAAATTACAATTACAATTACAAATTACAAATTACAAATTACAAATTACAAATTACAAATTACAAATTACAAATTACAAATTACA$ CAAGTTTTCGCGATCCGGTAACTATATCAATGTTCATAATCCATCACCTTTTTATGTCACCCTGGTTAACTTACAAGTGG GCAGCCAAAAGTTGGGGAATGCTATGGCTGCACCCAGAGTTAATTCACAAATTCCCTTACCCTCAGGAGTGCAGGGAAAG CTGAAATTTCAGACCGTTAATGATTATGGTTCAGTAACTCCGGTCAGAGAGTGAACTTAAACTAACCGAATCATCTGAC AATATCAGAGCTAATTATGAAAATACCCACTACTACGGATATTCCGCAGAGGTATACCTGGTGTCTGGCCGGAATTTGTT ATTCATCTCTTGCCATTTTACCCTCCTTTTTAAGCTATGCGGAAAGTTATTTCAACCCGGCATTTTTATTAGAGAATGGC TGATGAGTTCATTGGTTCGCAGGATATCGTATTTGAATCGACAACAGAAAATACAGGTGATAAATCAGGTGGGTTAATGC AAATGCATCAATTTACTGAAAGCTGTACCTGATGCCACAATTAACTTTGATTTTGCAGCGATGCGCCTGAACATCACTAT  ${\tt TCCTCAGATAGCGTTGAGTAGCGCTCACGGTTACATTCCGCCTGAAGAGTGGGATGAAGGTATTCCTGCTTTACTCC}$  ${\tt CCGTGGCGTTTACGCAACAATGGTTCCTGGAACTATTTTCGCGGAAATGGATATCATTCAGAACAGTGGAATAATATTGG}$ ATGCCGTTGGATTTCGTGGTGTACGCCTTTATTCTTCTGATAATATGTATCCTGATAGCCAGCAAGGGTTTGCCCCAACG ATCAGCAGAATTACACAATTCCGTATTCAACAGTGCCAATTTTACAACGCGAAGGGCGTTTCAAATTTGACCTGACGGCG ATTTACTGCCTACGGCGGGACGCAATTATCTGCCAATTACACCGCCTTTTTATTAGGGCTGGGGCGCAATCTCGGGAACT TTCCTCTATGCGAAATCGATGAACACCTTCGGCACCAATTTTCAGTTAATGGGTTACCGCTATTCGACACAAGGTTTTTA TACCCTTGATGATGTTGCGTATCGTCGAATGGAGGGGTACGAATATGATTACGACGGTGAGCATCGCGATGAACCGATAA TCGTGAATTACCACAATTTACGCTTTAGCCGTAAAGACCGTTTGCAGTTAAATGTTTCACAATCACTTAATGACTTTGGC  ${\tt TCGCTTTATATTTCTGGTACCCATCAAAAATACTGGAATACTTCGGATTCAGATACGTGGTATCAGGTGGGGTATACCAG$ GACTTAATGTTTCAGTGCCTTTCAATGTTTTGACCAAACGTCGCTACACCCGGGAAAATGCGCTCGACCGCGCTTATGCC  $\tt CCTGAGTTATCACGTAAGCCAGGGTGATACCTCGAATAATGGGTACACGGGCAGCCCACGGCAAACTGGCAGGCCGCTT$ 

CATGAAAATGGCATAACGCTGAGCCAGCCTTTAGGGGATACCAATGTTTTGATTAAAGCGCCTGGCGCAGGCGGTGTACG CATTGAAAATCAAACTGGCATTTTAACCGACTGGCGCGGCTATGCGGTGATGCTGTATGCCACGGTTTATCGGTATAACC GTATCGCGCTTGATACCAATACGATGGGGAATTCCATCGATGTTGAAAAAAATATTAGCAGCGTTGTGCCGACGCAAGGC CGCCATTGTCTGGTGAATTACTGGTTCAGTGGGGAGACGGCGCGAACTCACGCTGCATTGCGCACTATGTATTGCCGAAG CAAAGCTTACAGCAAGCCGTCACTGTTATTTCGGCAGTTTGCACACATCCTGGCTCATAAAGGAAATTATCAATAAGATA ATCTGCAGATTATTATTGGCGATGCCATGTTTGTGTCTGGCAAACATATCCTGGGCTACTGTTTGTGCAAATAGTACTGG  ${\tt ACCAACTTTATTGTTCAGGAAACTATCGATAATTATAAATATATGCAATTACATGATTATCTATTAGGTGCGATGAGTCT}$ GGTTGATAGTGTGATGGATATTCAGTTCCCCCCGCAAAATTATATTCGGATGGGAACAGATCCTAACGTTTCGCAAAACC TTCCATTCGGGGTGATGGATTCTCGTTTAATATTTCGTTTAAAGGTTATTCGTCCCTTTATTAACATGGTGGAGATCCCC AGACAGGTGATGTTTACCGTGTATGTGACATCAACGCCTTACGATCCGTTGGTTACACCTGTTTATACCATTAGTTTTTGG TGGCCGGGTTGAAGTACCGCAAAACTGCGAATTAAATGCCGGGCAGATTGTTGAATTTGATTTTGGTGATATCGGCGCAT  ${\tt AATGTTGCTGCGCAGGCTTATTTAACAATGCGTCTGGAAGCCAGTGCCGTTTCTGGTCAGGCGATGGTGTCGGACAATCA}$ GGATTTAGGTTTTATTGTCGCCGATCAGAACGATACGCCGATCACGCCTAACGATCTCAATAGCGTTATTCCTTTCCGTC TTTAGCGCGCTGGGGTATTTACGCGTCGATTATCAATGAGGTACGGAGAATGAGAAGAGTACTCTTTAGCTGTTTCTGCG GGCTACTGTGGAGTTCCAGTGGATGGGCAGTTGACCCTTTAGGAACGATTAATATCAATTTGCACGGTAACGTTGTTGAT  ${\tt TTCTCCTGTACCGTAAACACAGCGGATATTGATAAGACGGTAGATTTAGGCAGATGGCCTACGACACAACTACTGAACGC}$ GAACGCCGGCATCCGATACCAACCTGCTGGCTCTGGATGATCCCGCAATGGCACAAACCGTCGCCATCGAATTACGTAAT AGCGATCGCTCCCGGCTCGCACTGGGGGAGGCCGACTGAGGAAGTAGATGCAAATGGCAATGTCACACTAAACTTTTTTGCCAATTATCGAGCGTTAGCCAGCGGTGTTCGGCCAGGTGTGGCGAAAGCGGATGCGATATTTATGATCAATTATA ATTAATATTATATTCGTATAATTTGGCGTAGTCGATAAGCTCTACAATTGAATGCAAACCTAGCTTGCCATAAATA TTAGATTTATGCGCACTAACTGTTTTATTGCTAAGTAATAACTTATCGGCAATTTCTTTATTAGATAATCCGCTAACCAG ATAACGTAATATGGTCACTTCACGATTAGATAGCACAGTGACCGTTGAACTATTCGTACTACATTTATTGCTTTTTATAT AGTTAAGCGTTTCGCTGGGAAAAAACGTGTATCCGGAGAGGATCATCTGAACGGCATGAAAAATATCATTCTGATCATTG CATTTACTGACAAAACCGTTAGCACCAGCTTGTATCGCTCTGCCAGCATAAAAGCATTCTGATTTCGATGATAAAAAATAA  $\tt CACTTTCACTGTGCTCTGGATTTGTTTGATCCTTTTCAGGAAGGTAAAACCGTCTGTTCCGGGCAAGTCTATATCCATAA$ TGATTAAATCAACAGGACGGTTCGGAGATAATCGATGGTTATGCGATAATCATCCGTTTTCAGGACAATCTGCAATTCA  $\tt CTGTTTTTTTGCAACAGAACTTCAATAGACATTCTGATGATAGGATGAGTATCCATAATGATCACCGACGTTGGTTTCAT$ AGTTACCAGTCTCATAGGAGCGGACAATTTTCCGTTAGGTCGGGAAATTGTACTTTGATACATGAAAATACGGGTTTTCT TACAATTCAATCAGTTACGCCTTCTTTATATCCTCCATAATTTCAGAGTGGGACATATTTTGGGACATTATCACCAAAAAT GTCGTCTATTTTCCTCGCATGCTCTGTCAAATGATTAGGCGCAAGGTGAGCATACCTACGAACCATTTCTATGGACTCCC AAACGGAAATCTTCAATTCCTGCACGACGACAAGCTGATAGCCATGATGTCTTGCTGTCGATGCGCATCTTCCTGACCGC AGGCGTTGATGTTCCATCTGCTCGCTTAGCCGCCTTGGTATGTACAAACACCCCATTTGTGATGCTTGCCTATTTGATCAC GCAACACTTTACAGGCGGTATCGTTCAGCGCCACACCAATGGCGCGGTTTGATTTGCTCTCTTCTGGATTCACCCAGGCA  ${\tt ACTCGTCGCTGCATGTCGATTTGTTGCCAGTCCAGATTTATGATGTTCGACTTTCTCAGACCAGTTGCCAGCGCAAACTT}$  ${\tt GACGACAGATTTCAGTGGTTCGGGGCACTCATCAATAAGGCGTTTTGCTTCCTCCTTTTCCAGCCATCTGACTCGCTTGT}$ TTCTGACCGCTGGTATCTTGATGACAGGCGCTTTTTCCAGCCACTTCCAGTCGCGTTCTGCAGCACGGAGAATGGCCTTT ATCATGGCAAGATGCTTTGCCTTTGTCTGAGTTGATACTGGCTTTGGTTCATAAACAGGCAGTTCTTTACCTTTCCTGAT GGCGGCCTGAACTTTCTGTTTCCATATTTCTTTCGTCTTTCTGTTATGCATTCTGCTTACAGCAGAGTAAATCTTTGCCT  ${\tt CCGAGATATCTTTAAGCCTTATACCCTCAAAATGTTCAAGCCAGAACTCAATCCGGCTTTTATCTGAATCGAGAGATTTT}$ TTATCAGCTTTTTCCTCAAGCCATCTTAGGCAGGCCTCTTCAAAAGTGACATCAGGTAAATCCCCTAGCTTTTCTACTCG  $\tt CCAGAGTTCTGCTTTTCGCTTGTCGTGCAACTCCTGAGCTTGCCGTTTGTCCTTTGTGCCAAGAGATTCCTTAATTCGTT$ CACCCGCGCTCACCTGGACAGTATGCAGCGGGAGACTGAAGCGCCGCAATGCAGGCTTGCCGTGTTGTGAGGTACCCGGAT ATTATCGTGAGGATGCGTCATCGCCATTGCTCCCCAAATACAAAACCAATTTCAGCCAGTGCCTCGTCCATTTTTTCGAT GAACTCCGGCACCATCTCGTCAAAACTCGCCATGTACTTTTCATTCCGCTCAATCACGACATAATGCAGGCCTTCACGCT TCATGCGCGGGTCATAGTTGGCAAAGTACCAGGCATCTTTTCGCGTCACCCACATGCTGTACTGCACCTGGGCCATGTAA GCCGATTTTATTGCCTCGAAACCACCGAGCCGGAATTTCATGAAATCCCGGGAGGTACGAGTATTGCCGGAAGCGTGGCC GCCAATGCGCTGACGCGGAATTACGGCGCAAGGCTGCCGATGAACTGACCTGTATGACAGCGCGAATTAACCGTGG TGAGACGATACCTGAACCAGTAAAACAACTTCCTGTTATGGGCGGTAGACCTCTAAATCGTGCACAGGCTCTGGCGAAGA CGCATAAGAGCTTCTGTGCACAGGACGTTGCCGCGGTAACAGGCGCAACCGTAATCTGATCTTACCCAGCAATAGTGGAC ACGCGGCTAAGTGAGTAAACTCTCAGTCAGAGGTGACTCACATGACAAAAACAGTATCAACCAGTAAAAAACCCCGTAAA  $\tt CCTGTATGAATCACAACTCTACAACTGGCGCAGTAAACAGCAAAATCAGCAGACGTCTTCTGAACGTGAACTGGAGATGT$  $\tt CTACCGAGATTGCACGTCTCAAACGCCAGCTGGCAGAACGGGATGAAGAGCTGGCTATCCTCCAAAAGGCCGCGACATAC$ TTCGCGAAGCGCCTGAAATGAAGTATGTCTTTATTGAAAAACATCAGGCTGAGTTCAGCATCAAAGCAATGTGCCGCGTG CTGCGACAGCGTTGTCCTCGCGGCTTTTACCCGGTCAAAACAGCGTTACGGTGCCCCACGCCTGACGGATGAACTGCGTG GGTCACGTGCCGTTATTGGCTGGTCAATGTCGCCACGCATGACGGCGCAACTGGCCTGCGATGCCCTGCAGATGGCGCTG TGGCGGCGTAAGAGGCCCCGGAACGTTATCGTTCACACGGACCGTGGAGGCCAGTACTGTTCAGCAGATTATCAGGCGCA  ${\tt ACTGAAGCGGCATAATCTGCGTGGAAGTATGAGCGCAAAAGGTTGCTGCTACGATAATGCCTGCGTGGAAAGCTTCTTTC}$ ATTCGCTGAAAGTGGAATGTATCCATGGAGAACACTTTATCAGCCGGGAAATAATGCGGGCAACGGTGTTTAATTATATC GAATGTGATTACAATCGGTGGCGGCGCACAGTTGGTGTGGCGGCCTCAGTCCGGAACAATTTGAAAACAAGAACCTCGC TTAGGCCTGTGTCCATATTACGTGGGTAGGATCAACCAGCATAAATCAGGCTGCGGCTAAAATGGCGCGGGCAGGAATCC AATCTGATTTTTAAGGAGTGTCGCCAGAGTGCCGCGATGAAACGGGTATTGAGGGTATATAAAAGAACATCAATGGGAAC ACAATGATGAAACAGGTGAGTTGAGTTCAAACTGTAGTACAATTCTCTCCAGTTTGAACAGGAAAGAATATGCTATGAAC GTTATGGCCATCTGTTGGTACAATTATTTGTTATTGTGCATCATTCTGGTTATTAGCTCAGACGCTGGCTTATATTCCTA  $\tt CAGGGATTGCTTATGCTATCTGGTCAGGAGTCGGTATTGTCCTGATTAGCTTACTGTCATGGGGATTTTTCGGCCAACGG$  ${\tt ACATTAAAATATTTGTTTCTAAACGACTAAAATATGGAGGCTCTTATATTTATATGAGCCTCGTTTTATGCTTTTTGTT}$ AATGTCTTTATTTTTATGTATTCTTTTGTGCTTTCAAGATTATGGCGTAAGAAAATTGCAATACGATTATTGTTGTATA ATTAAACCGACAGAGAAGACTTATTGCTGAATGGTTAAAGGTAAATAGTGATTATTATCTTGATACCATAACATATGAAG ATTTAGGATTAAGTGCATTCAAAGGAAAGCATGCACAATCAGGAGCTTTTTCGGAATTTTTAGATGCTATAGAGCATGGT TATATATTGCCAGGAACTACATTGTTAGTTGAAAGTCTGGACAGACTTTCAAGAGAAAAAGTCGGTGAAGCGATTGAACG TCTGAAATTGATTTTGAATCACGGTATTGATGTTATAACTCTTTGCGACAATACAGTCTATAAATATTGACTCTTTGAATG AGCCATATTCATTAATAAAAGCCATACTTATAGCACAAAGGGCAAATGAAGAAAGCGAGATAAAGTCAAGTCGGGTTAAA TTATCATGGAAGAAAAACGGCAGGATGCACTGGAATCAGGTACGATTATGACGGCGTCTTGTCCGAGATGGCTCTCCTT AGATGACAAAAGAACGCTTTTGTTCCAGACCCCGACAGGGTGAAAACTATTGAGCTAATTTTTAAACTCAGGATGGAAA GGCGCTCATTGAATGCAATAGCCAAGTATTTAAATGATCATGCTGTAAAGAATTTCTCAGGAAAAGAAGTGCATGGGGA  $\tt CCTTCTGTAATTGAAAAATTATTAGCGAATAAAGCTCTGATAGGTATTTGCGTACCTTCATATCGTGCAAGAGGGAAAGG$ GATAAGTGAAATCGCTGGCTATTATCCCAGAGTCATATCAGATGATTTGTTTTACGCTGTACAGGAAATTCGGTTGGCAC CTTTTGGTATTAGCAATAGTAGCAAGAATCCTATGCTAATAAATCTACTTCGAACAGTTATGAAGTGTGAGGCTTGTGGT AATACCATGATTGTTCATGCGGTATCTGGAAGTTTGCATGGCTATTATGTTTGTCCGATGAGAAGATTACATCGATGTGA CAGGCCATCAATAAAAAGAGATTTGGTTGATTATAATATCATTAATGAATTGCTTTTTAATTGTAGCAAAATTCAACCAG TTGAAAACAAGAAGATGCTAATGAAACTTTAGAGTTAAAAATTATTGAGCTTCAGATGAAAATTAATAATTTAATCGTT GCATTGTCTGTCGCGCCTGAAGTTACCGCTATAGCAGAGAAAATAAGACTATTAGATAAGGAATTACGAAGGGCTTCGGT TTTATGAATGCATTGTTTTTAAACACTATCCTTTAATGAAAGTAATATCCGCCCAGCAGGCGATAAGTGCTCTCAAATA TATGGTTGATGGTGAGATTTATTTCTAAATAATGATCTCGGATTTTAAGTTATGCTATGGTGATAAAGTGCAAGACAGAA GTAAATGAGCTATACAATCTTAATCATTTGTTAGGTGAGAACTCTTGGTCGCAGATTCAAATACTGAAAATACGTGACAA AATAATAAAGCAGAGTTTTTAGATAGTATCAATGTGCTTTGTGTATATTGTGGCAAATAATTGGGTTGGGGGTACAATTG TGATTGCTTTTGCATGAACATTGCGCCTTTATGCATAATGAGATAAAGGAATATCAAATAAAATAACGATAGGTCATAAC GGTCACTAGTAATGAAATAAAAACAGGAGAGCAACTTACAACGTCTCATGTCTTTTCTGGATTTGGGTGTGAAGGTGGTA ATACATCGCCCTCATTAACCTGGTCTGGTGTTCCTGAAGGTACCAAAAGCTTTGCCGTAACTGTATATGATCCAGATGCA  ${\tt ACGTGATGGAACAAAACTGCCGACTGGTGCTGTTCAAGGCCGAAATGATTTTGGCTATGCTGGGTTTGGTGGCGCATGTC}$ CTCCTAAAGGAGATAAACCACATCATTACCAGTTTAAAGTATGGGCTCTAAAAACTGAAAAGATTCCTGTAGATTCTAAC TCCAGCGGAGCGTTAGTTGGTTATATGCTTAATGCTAATAAAATCGCAACCGCTGAGATAACACCAGTTTATGAGATAAA GTAGGGTGAGAGTATGCTGGCAAGAGGTAAGACTAACTTAAAGATCGAAGAAATACGGATGCATAAACATCATGAGATTC ATAGGGTTAAGCCTCTTATGCCAGCTTTGTGTCGTATCCGTCAGGGAAAGAAGTTATCAATTGGGAGACGCATACTTTA ACTGTTGATAATAATCAAATAATATTATTTCCTTGTGGTTATGAATTTTATATTGAGAATTATCCTGAAGCAGGGCTTTA TCTTGCAGAAATGCTTTACTTACCCATTGATTTAATTGAGAGTTTCCAAAAACTTTATACGGTAACTGATCAAATACGTA ACAAAACAAGTTTCTTTTTACCTCAGAATCCTGAGTTAATATATTGTTGGGAGCAACTAAAAACATCTGTTTCCCGAGGC TTCTCAACTAAAATTCAGGAGCACTTAGCAATGGGCGTTCTACTTTCGTTAGGAGTGAATCATGTTAATCATTTACTTTT ATCATATAGTAAACAATCATTGATAAGTCGTTGTTATAACCTGCTGCTATCCGAACCCGGCACAAAATGGACAGCAAACA AGGTTGCTCGATATCTCTACATTTCTGTTTCTACATTACATCGCCGTCTAGCAAGCGAGGGGGTAAGTTTCCAAAGTATA  $\tt CTGGACGATGTGAGGTTAAATAATGCGTTGTCTGCTATACAAACGACGGTAAAACCTATAAGCGAGATTGCCAGAGAAAA$ TGGTTATAAGTGTCCTTCTCGTTTTACTGAAAGATTTCATAATCGTTTTAATATAACACCCAAGAGAGATAAGAAAAGCTT  ${\tt CCAGAGAGTAAAAGTGTTTTAAGAAGGAGCAATTCTATCGATTTTGATTTTGGGAAATCAACACGGCATAATTATGTCAC}$  ${\tt CGGAGCCTGAACACTCCGGTGACTTCTGCGCTAAACGGGGACGTTTATGCGCACATACAATCCAAACTCTCTTCTCCCT}$ TCACAGATGCAGAAATGCACCTGCAATTCTTTGCATCTAGCGTTTGACCTCTGCGGAGGGGAAGCGTGAACCTCTCACAA TCGCATGGTGCTTAAACCGTGGCGTGAGAAACGCAGTCTTTCCCAGAATGCACTCAGCCACATGTGGTACAGCGAAATCA GTGAATACCTCATCAGCAGGGGTAAAACGTTCGCCACTCCAGCTTGGGTAAAAGATGCTCTCAAACACACATATCTCGGT TATGAAACCAAAGACCTGGTTGATGTCGTAACCGGTGATATCACCACTATCCAGTCGTTACGCCATACCTCCGATCTTGA TACCGGAGAGATGTATGTCTTCCTGTGTAAGGTTGAAGCCTGGGCGATGAATATTGGTTGCCACCTGACTATTCCACAGA GCTGCGAGTTCCAGCTGCTGCGCGACAAGCAGGAGGCGTAATGGCTACACCGCTTATTCGTGTCATGAACGGACACATCT ACAGAGTACCAAATCGTCGTAAGCGTAAACCTGAGCTGAAGCCATCCGAAATACCAACACTGCTCGGATATACCGCCAGC TTGGTTGATAAAAAATGGTTGCGACTGGCAGCAAGGAGGAGTCATGGCTGATTTGAGAAAAGCAGCGCGTGGTCGGGAAT GCCAGGTAAGAATCCCTGGCGTATGTAATGGCAACCCTGAAACGTCTGTACTGGCACATATCCGGCTGACTGGATTGTGC TTTTGTTGACGCTGGATATGCAAAAGAATGCGCGCTGGAAGGTATGGCGAGAACACAGGTTATCTGGCTGAAAGAGGGGG TTATTAAGGCGTGAATACCTACAGCATCACATTACCCTGGCCTCCGAGCAATAATCGCTATTACCGCCATAATCGCGGGC GCACGCACGTCAGCGCAGAGGGGCAGACCATACCGCGATAACGTCGCCCGAATCATTAAAAACGCAATGCTGGATATCGGC  $\tt CTGGCTATGCCTGTGAAAATCCGCATTGAGTGCCACATGCCGGATCGCCGTCGCCGTGACCTGGATAATCTGCAAAAAGC$ CGCTTTTGACGCACTCACTAAAGCAGGTTTCTGGCTGGATGATGCTCAGGTCGTTGATTACCGCGTTGTGAAGATGCCTG TTCGCCACCGCTGGGGGCGTCTGCGCTTATATCGTTTCCCCGGTTCTGTTTTGACCGATTACCGAATACTGAAGAATTAC GCCAAAACCCTGACAGGAGCAGGAGTATGAAGTCAGAGATAACAATCAACTAATACTGTTTTGTTGATTTTTTGCTTGTAA TTGGCGTTCTGGTCTGATTTTTGTGGAGTAAGTTGATGCGTGATATTCAGATGGTTCTTGAGCGTTGGGGAGCGTGGGCG ATTTATTAGTAGATTATTATGTAGTCGGTATGACATTCATGTCACTGGCAGGTAAGCATTGCTGCTCTGATGGTTATATC  ${\tt GGGAAAAGGTTACAGAAGGCTGAGGGCATAATTGAAGGGATGTTAATTGGCATTAGATATCCGGTTAGAGATGGATATCGT}$ TGTTAATAACTCTAATTAATATGCCAATTGTTTACTAAAAAATTATTAAAAAATGGGGCGTTGAGACGCCCCCAAAAATAAA GGGTAATATAACAGAAGGTTTATATAGTTAGAAGCAAGGTTGTGCTTCTAAAGGAAGTGGCTTGAGGGAGCCACTTAT ATGTTGGGGAGGCAACGCCTCCCGCAACATATCTTTTTCGTAATCAGATTAGAACTGGTAAACCAGACCTACAGCAACGA ATTTCTTCATGTTTGAGCCGATTTTTTCTCCCGTAAATGCCTTGAATCAGCCTATTTAGACCGTTTCTTCGCCATTTAAG AACATCGCCAGTTGGTTATCGTTTTTCAGCAACCCCTTGTATCTGGCTTTCACGAAGCCGAACTGTCGCTTGATGATGCG GTTTCAAGGTTCTTACCTTGCCGGGGCCCTCGGCGATCAGCCAGTCCACATCCACCTCGGCCAGCTCCTCGCGCTGTGGC GCCCCTTGGTAGCCGGCATCGGCTGAGACAAATTGCTCCTCTCCATGCAGCAGATTACCCAGCTGATTGAGGTCATGCTC GTTGGCCGCGGTGGTGACCAGGCTGTGGGTCAGGCCACTCTTGGCATCGACACCAATGTGGGCCTTCATGCCAAAGTGCC GCGGGCCAGTTGATGCTCCCAGCAGGTGGCGGAAATTCATGATGGTGGTGCGGTCCGGCAAGGCGCTATCCAGGGATA  ${\tt ACCGGGCAAACAGACGCATGGAGGCGATTTCGTACAGAGCATCTTCCATCGCGCCCATCGCTCAGGTTGTACCAATGCTGC}$ ATGCAGTGAATGCGTAGCATGGTTTCCAGCGGATAAGGTCGCCGGCCATTACCAGCCTTGGGGTAAAACGGCTCGATGAC TTCCACCATGTTTTGCCATGGCAGAATCTGCTCCATGCGGGACAAGAAATCTCTTTTCTGGTCTGACGGCGCTTACTGC TGAATTCACTGTCGGCGAAGGTAAGTTGATGACTCATGATGAACCCTGTTCTATGGCTCCAGATGACAAACATGATCTCA TATCAGGGACTTGTTCGCACCTTCCTTAGTGAAGTCATTTTTGTCAAGCAGGTTGATTTTGTAATCAACGAAAGTAGACA TATTTTTGTTGAAGTAATAGGTTGCACCTACATCAACATATTTGACTAAGTCCTGATCGCCCCATACTCCAAGATCCTTA TTTATTAGCAACGAAGTGATCAGCAAATACAGTCATATTCTGGGTTTCAGAATAGGTAGTGGCCAGGTAAATGTTGTTAG  $\tt CGTCATATTTCAGACCTGCGGCCCAAACTTCTGCATTTTTACCGGAAGCAAATACTTCAGGAAGAACTTTCCCTGCATTA$  ${\tt ACTTGAGTGTCGGTACGATCAGATTTCGCATAAGTTGCACCGATACCGAATCCTTCGTATTCATAGGTAGCAGAGAAACC}$ GAAGCCATCACCGTTACCTTCAGTGTAGTTATCGAAATCGCTACGATCGTTTTTGCCTTGGTACTGAGCAGCAAAGTTCA GACCATCAACCAGACCAAAGAAGTCGTTGTTACGATAGGTTGCAACACCAGTTGCACGTTGAGTCATGAACACGTCGGTT TGAGTCCAAGTGTCACCACCGAATTCTGGCAGGACGTCAGTCCACGCACCGATGTCGTATGCTACACCGTAGTTACGGCC GTAATCGATGGAGCCGTAGTCACCGAATTTCAGGCCAGCGAAGGCAAGACGGGTTTTATCTTTGGAGGAACCTTGAGATT ATCCAGCTTGTTACTGTCTTTATTATAAATTTCAGCTGCCTGAGCAGACATCGCCATTAGTACTGATGCAGCTACAGCAG AAATTGCCACTGTTAATTTTTCATCGTGAGCCCTTTTTTTGAACTATTATAAAAAATGATGTCACTGCGCGATAAATA TTCATCTAATCAATGTGATTATTTCAAGATGTAAGTTTTGGTTTCTCGTTTGATTTGTGAAGTAGATCTCTATTTTTATC  GTTATTTATAAGTGCTCTATAATTTGAAGGTTCAATTTAAACCGGCTAAAAATAACACTGGAAATTATTTTTTTGGTTATT TGTTGAGATTTGCTTATGTAGTGGTGTTTTTCAATACTCGGTAGCATTCTCTCAAATATCATTTAGTGGTTTACG TACGTAAAAAATTGGTTATGCTGTTAAGAGTGGTTACTTCGTCACACAGCTTAAACCCGCCGTCGAGCGGGTTTTTCCAT TTTTTGAGTCTCGATATTAGCTGATAACCCAATACCTGAGTTATTCACTGACTCCGAGTCTGTTACGTTTCGTAGTATTC  $\tt CTGGGTAGCCTGGTATTTGGCCTGCCGACGTACCTGACAAACCTTTATTTCAAGATTAAAGAAGATAAGCGCAAGGCTGC$ GAGAGGTGAATAATGCCTCCATCATTACGAAAAGCCGTTGCTGCTGCTATTGGTGGCGGAGCAATTGCTATAGCATCAGT GTTAATCACTGGCCCAAGTGGTAACGATGGTCTGGAAGGTGTCAGCTACATACCATACAAAGATATTGTTGGTGTATGGA CTGTATGTCACGGACACACCGGAAAAGACATCATGCTCGGTAAAACGTATACCAAAGCAGAATGCAAAGCACTCTTGAAT CTCATTCGTTTACAACGTGGGTGCTGGCAATTTTAGAACATCGACGCTTCTTCGCAAAATAAACCAGGGCGATATCAAAG GCGCATGTGATCAGCTGCGTCGCTGGACATACGCTGGCGGTAAGCAATGGAAAGGCCTGATGACTCGTCGTGAGATTGAG  $\tt CTGTCATGGGCGGTCAATCATTACCGTGATAACGCAATCGCCTACAAAGTCCAGCGCGACAAAAATGCCAGAGAACTGAA$ GCTAGCGAACGCGGCAATTACTGACATGCAGATGCGTCAGCGTGATGTTGCTGCGCTCGATGCAAAATACACGAAGGAGT TAGCTGATGCGAAAGCTGAAAATGATGCTCTGCGTGATGATGTTGCCGCTGGTCGTCGTCGGTTGCACATCAAAGCAGTC TGTCAGTCAGTGCGTGAAGCCACCACCGCCTCCGGCCTGGATAATGCAGCCTCCCCCGACTGGCAGACACCGCTGAACG TGCCTAAAGTAATAAAACCGAGCAATCCATTTACGAATGTTTGCTGGGTTTCTGTTTTAACAACATTTTCTGCGCCGCCA TACTGCTGTCTGTTTTGTTTTGAACAGTAAATGTCTGTTGAGCACATCCTGTAATAAGCAGGGCCAGCGCAGTAGCGAGTA CAATGAGTTGAAATTTCATATTGTTAATATTTATTAATGTATGCCAGGTGCGATGAATCGTCATTGTATTCCCGGATTAA  $\tt CGTACATGTATTGTATTATGCCAACACCCCGGTGCTGACACGGAAGAACCGGACGTTATGATTTAGCGTGGAAAGATTT$ GTGTAGTGTTCTGAATGCTCTCAGTAAATAGTAATGAATTATCAAAGGTATAGTAATATCTTTTATGTTCGTGGATATTT GTAATCCATCGGAAAACTCCTGCTTTAGCAAGATTTTCCCTGTATTGCTGAAATGTGATTTCTCTTGATTTCAACCTATC ATAGGACGTTTCTATAAGATGCGTATTTCTTGAGAATTTAACATTTACAACCTTTTTAAGTCCTTTTATTAACACGGTGT TATCGTTTTCTAACACAATGTGAATATTATCTGTGGCTAGATAGTAAATATAATGTGAGACATTGTGACGTTTTAGTTCA GAATAAAACAATTCACAGTTTAAATCTTTTCGCACTTGATCGAATATTTCTTTAAAAATGGCAACCTGAGCCATTGGTAA  ${\tt AACCTTCCATGTGATACGAGGGCGCGTAGTTTGCATTATCGTTTTTATCGCTTCAATCTGGTCTGACCTCTTTTGTGTTTT}$ GTTGATGATTTATGTCAAATATTAGGAATGTTTTCAATTAATAGTATTGGTTGCGTAACAAAGTGCGGTCCTGCTGGCAT TCTGGAGGGAAATACAACCGACAGATGTATGTAAGGCCAACGTGCTCAAACCTTCATACAGAAAGATTTGAAGTAATATT TTAACCGCTAGATGAAGAGCAAGCGCATGGAGCGACAAAATGAATAAAGAACAATCTGCTGATGATCCCTCCGTGGATCT GATTCGTGTAAAAAATATGCTTAATAGCACCATTTCTATGAGTTACCCTGATGTTGTAATTGCATGTATAGAACATAAGG TGTCTCTGGAAGCATTCAGGGCAATTGAGGCAGCGTTGGTGAAGCACGATAATAATATGAAGGATTATTCCCTGGTGGTT GACTGATCACCATAACTGCTAATCATTCAAACTACTTAACCTGTGACAGAGCCAACACGCAGTCTGTCACTGTCAGGAAA GTGGTAAAACTGCAACTCAATTACTGCAATGCCCTCGTAATTAAGTGAATTTACAATATCGTCCTGTTCGGAGGGAAGAA GATGTTGCGGGTTGTTCTGCGGGTTCTGTTCTTAGTTGACATGAGGTTGCCCCGTATTCAGTGTCGCTGATTTGTAT TGTCTGAAGTTGTTTTTACGTTAAGTTGATGCAGATCAATTAATACGATACCTGCGTCATAATTGATTATTTGACGTGGT TTGATGGCGTAGATGCACGTTGTGACATGTAGATGATAATTATTATCATTTTGTGGGTCCTTTCCGGCGATCCGACAGGT TACGGGGCGGCGACCTCGCGGGTTTTCGCTATTTATGAAAATTTTCCGGTTTAAGGTGTTTCCGTTCTTCTTCGTCGTAA CTTAATGTATTTAATATACCCCCTGAAAAGAAAGGAAACGACAGGTGCTGAAAGCGAGCTTTTTTGGCCTCTGTCGT   ${\tt CCGTACCATTCAGAACTGGCAGGAACAGGGAATGCCCGTTCTGCGAGGGCGGTGGCAAGGGTAATGAGGTGCTTTATGACT}$  $\tt GTGAAATTGCCAGTATTCTCGACGGGATCCCCCTGTCGGTGCAGCGGCGTTTTCCGGAACTGGAAAACCGACATGTTGAT$ TTCCTGAAACGGGATATCATCAAAGCCATGAACAAAGCAGCCGCGCTGGATGAACTGATACCGGGGTTGCTGAGTGAATA TATCGAACAGTCAGGTTAACAGGCTGCGGCATTTTGTCCGCGCCCGGGCTTCGCTCACTGTTCAGGCCGGAGCCACAGACC GCCGTTGAATGGGCGGATGCTAATTACTATCTCCCGAAAGAATCCGCATACCAGGAAGGGCGCTGGGAAACACTGCCCTT TCAGCGGGCCATCATGAATGCGATGGGCAGCGACTACATCCGTGAGGTGAATGTGGTGAAGTCTGCCCGTGTCGGTTATT GTTTTCAACAGTGATCATCGTGGCATCTCGTTGAAGATCATCGGGGTAAAACGGTTTATGACGTAGCGTCAGGGGA ACGGTACAGCCTGGGTGAAAGATGCAGAAGCAGAAAAACTGTTCCGGATTCGGGAGGCGGAAGAAACAAAAAACAGCCTG ATGCAGGTAGCCAGTGAGCATATTGCGCCACTTCAGGATGCTGTAGATCTGGAAATCGCAACGGAGGAAGAACCTCATT GCTGGAAGCCTGGAAAAAATATCGGGTGTTGCTGAACCGTGTTGATACATCAACTGCACCTGATATTGAGTGGCCTACGA  ${\tt ACCCTGTCAGGGAGTAATCATTGGGATTATGCCGCAGCACGTCTTAAGCAAGAACATGCTGCGGTTGGATGCTATTTTTT}$ TCCTGAAGCGGAAAACATTACTACAGTACCTTGAACCTTGGTTTTAACATTCTCGAAATGCTCTGAGAGTATATGTGTTA AGCCTTCTTCGGAATCTTTTGTGTTTGAAAAGATGCCTTTCTGATTGTAAATGCGCATCAGTTTTTGACCGAAGCTATTG TGCACAACTCCATCGCCAAGAATTGTGGCTCCGTATAGAGTTCCATCGTCAGTTAAGGCCTGCGCCGCATTGCGTATTAC A CAGCTTTTTGTAGATATATTTCCAGGCAGGCAGTGAAGAAGGTAAGACATGGAAATGGAATCAAATTGACCATGTAACG $\tt CCGCGGGATAAGGTTCAAAAACATCATGGCTAATTTTATGTTTAATTTTTGATTCCCCAGCCCTTGTAGATGCCGCGTTC$ AGGCTAGCTTCGTTCAAATCCATTAAAGATATCAGACTACTCTCAGGTACGTGAGTAAAGCCCAGTTCCAACACC AATATCCAGATGGTTGTTACCTAAATGTTCCAGAAAGTGTGGAAGAGGTGTTCCTTTGTAGGACATCCCCATGCAAGCC GATTTGATACTCCCAAAACCCACCAGTCATAAAGCTTTAGGGTAAGTGGTGTGTAAATTCTAGCCCCATCATCTGTGTTT TTTTATTAATTTCACCATGTTATAGTTTTATTTGTGAATTAAATCAATTATGGCAATGAATTACAAGGGGTTAAATGCTG GTTCTACATCCAGGAATTCAGTGAGTATATTGCGCCACTGCAGGATGCTGTAGATCTGGAAATCGCAACGGAGGAAGAAA GATCGTTGCTGGAAGCCTGAAAAAAGTATCGGGTGCTGCTAAACCGTGTGGACACTTCCGTAGCACCAGATATCGAGTGG TGTTATGCTTTTGCGCCCCAAAAGGTTGTTTAGATGTATTTTATCAATTGATTTTCAATATCGTTTAATAAAGAAAAATT TACATATAATAATTTAATCTTAAATGAAATTTATTAAAATTTGCAAACTATAATTTTGTGTATAAAAATATAAATGCACA TCATCCTGATTATGATTGTGTATTTAATTGGTTGTTATTTGACTACTATCAACTTGTTTTAATTTTATGATAGGTGCAAG ATGGATTATGTTTGCTCCGTAGTTTTCATCTGTCAATCATTTGATTTAATTATAAACAGGAGAGTTATCTCGTTCAAAAA AAATTCATTGTTATTGTAAGCGACAAAATTAGAAGGGAGTTACCAGTATGCCCCTCTAAACTAAGAATTGTTGATATAG ATAAGAAAACATGTTTATCCTTTTTTATCGACGTGAATAATGAGCTGCCTGGCAAATTTACTCTTGATAAGAATGGCTAT ATTGCTGAAGAGGAACCTCCATTATCGCTTGTTTTTCTCTGTTTGAAGGGATTAAAATAGCAGACTCACACTCCCTTTG GTTAAAAGAAAGACTATGTATATCCTTACTTGCCATGTTCAAAAAAACGCGAAAGTGTAAAATTCATTTATACTAACAAATA TAAATACATTTACCTGTAAAATTACTGGAATAATCAGTTTTAATATTGAGCGGCAATGGCATTTAAAAGATATTGCGGAA TTGATTTATACGAGTGAAAGTTTAATAAAAAAAAAAAGATTAAGGGATGAAGGAACGTCATTTACTGAAATATTGAGAGATAC TAGGATGAGGTATGCAAAAAAACTCATAACTTCAAACTCTTATTCTATCAATGTCGTAGCCCAGAAATGTGGCTATAACA GTACTTCATATTTCATATGTGCATTTAAAGATTATTATGGTGTCACGCCATCTCATTATTTTTGAGAAAATAATCGGCGTC ACAGATGGAATAAACAAACAATTGACTGATAATGTTTATTACAAGTTGTCTACATGTTAATTATAATATTATACAGCGT TTTTCTATGTGATTTAGTTAATAACCTTCTGGGTTTATTTTAAGGGTTAATTGTTACATTGAAATGGCTAGTTATTCCCC  $\tt GGGGCGATTTTCACCTCGGGGAAATTTTAGTTGGCGTTCTTAAAATGTGTACTTAAGACCAGCAGTAGTGATGAAGTTAT$ 

AGTTTTCTATACCTGCTCCATTTTTGCTGTAGTCTGAAGTGTTATTATTGTGATCATAAAGTGAAGTATTACCTTTTTTA TTCGTAACCCGATTCCATGCGCCTTCAACATAAACTTTTGCGTTAGGTGTGACGTAATAACCTGCATTGACTGCAACAGA ATAGTAATTTTGGTCTTTGACCTTACTGCGATAAGTGATTCTTTTTCCCGGGTCATAGTGTTCATCGTTATCAGATGATT  $\tt CCACCCAGCCGCTGTATTTAAATGTGCCACCGAGTTCAAAATCTTCATAACGATAACTTCCAGTCAAGCCAATGTAGGGC$ ATTTTAAAACGTTGTTTGTAGCCGATTGCTCTTTCTCCATTCGGGAAGGAGCCGATATCATCTCTGAATCCCTCCTCAGA ACTGTAGATATAGGAACCACCTCTGGCTGTAAAGCTATAACGGCTTTCCTGATATCCGGCCATGAGTCCCAGGCGGTAAT TGGGTTCGTTGAGGAGCCAGCCTTTGATATTCAGATCAAATTCGTTGGCATAATTGAGTTGTGTATCAGGGTGTCTACTT  ${\tt TCATCCGTCCAGGTTCCGGGGTTACTGGAATCCATCCAGTCCTGATCGACCATATTGCCACCTCGGCTGCCGAGAGTTGT}$  ${\tt TCCAGTCGAGTTGACTGACTTTTCGGCCTCCTTCTTCGGCTAGATAAACACGCTCTTTTGTTTTTCCGCTCAGAGTTCAGAGTTCAGAG$ TGTCAGGACTATTCCCAGAAGTTTCGCCCGCATAAAAGTTCTCCATTCAATCGTTTTAATGATTGAATATGTATTTTTTA TATCTAACTTAATGAGTCAATTACATATTGCTCCACTGTTTATATTTTGTTTAGTATTGAATGATTATCACAATGCGCTA TATCTATTTAAGTGCCATGCCTTTAGAGGCATATAAGCGAAAATAGCATGAGGTTTATCCTCAATTACTATGTTTTTTAG TACAAAAAAGAGGGACAAAACTGAGACACATAAGGCCTCGCAATGGCTTGCAAGGCTTTACATGTTTTGAGGTAGTGGGA  $\tt CGTGTGAGCGCAGAGATGGCGCGGTAAGTTGTTGACTTAAAATGTCGTTCTAGGAACTTCTAAGTCGTGGGCCGCAGGTT$  $\tt CGAATCCTGCAGGGCGCCATTTCTTCCTCATTTATGCCCGTCTTATCCGCTTTCCGCTTTGCCCTTCACCACATCACTT$ TTTGTCGCTGTTTGGCGAGATAATTCAACGGTGTCAGGCCGTAAAACGCCTTAAAAACAGAGATAAAGTACGACGTGCTG CTCTGTGACAATCTGGCTATAGCTGGTATTTTCGTTTTTTAATTTCTTTTTGAGCAGGCTGGGGCTTAAACATAGCGAAC TGGCGACAATTCGCAGATTCCAGTAATGCTGAATATCGCTTTGAATAATGCGGCAGACGCTGTCGCGGACGCTGCTGCGT AAGATATACATCAGTAGGGCAATAAACCGCGATTGCTCAAGAAAGTTAGACAATACGGTAAAAAGCAATGCGCGCGTCAA AAGCGATAACCGGGGTTGCCAGCCGCGACCAGGGCTTTACACAGGTTAAGTTCTTATTTAAAAACAACAGATAATCGTTG  ${\tt ATGATGTTACGGTTGATGTGGGTGATTAATACGTGATTTAACGTTGAGAGTTCAATGACGTTATTGTTGCACGCGAAGGC}$ CGCAAGGTTCACTGCTCAATTGCATTTCGCACTCCTCAGATATCAGAAACTCCGCTCAAAGGATCTATGCTTCCTGC TGAGAGCGAAAGAGGTAAGCCAGGTCGTACCCGACTTACCTGGAGAGATTTAATACTCGAGAATGCCGTGCGCGACGGG CAAATAGCGCAGAGAGAATAGAGAGTGTCTTTACCGCAAGAGGAACGTTTCGCTAACAGCGAGGCAATTTCTGCGTCCG GTTTCGGTTTCGCTGTAAAGGTTTTGCCTTTGCCGGCGACAAAAAGTTCATAAACAACGCCGCTGGCAGGGGCGGGACTT TGGCAATCGGCGCTGGCCTGTAAATAACGTTCACGCTGTTCAGCGGTCAGTTTATCCACGCCGCTGCCATCCTGTACCCA GACATTAACGCCGGTTGCTTTAACGTGTTCCAGCAGTTGGCGATAGCCATCGGGCGACATGTTTCCGGCGAAAAAACTAC TGATATAAACCGGTTTTGCTGAAACATCGCTAATCAGCCGCTTGCTGTTTAACCATGTTAGCAAAGGCTGACGGGCG TAATCTGGCTTGCTGGAGATCGGCAGCCAGCAGGCGATTAAGATAGCTTTCCAGCGCTGCGGACGACTGTTTCTGGTGCA TAAAAAATTCCGGATCGGCGTTCAGCCCGACAATAAGCTTCAGACCAGCCTGTTGCGCAGCTGCGGCCCGCTTAAACAAT AACGTGCGCTGTTCTGGCTGGGTAAATGCATCGCCGTAACGGGTCCATTGCAAAACAAGGGTATCGAAGCCTTGCAAACG TAACTGACTCATCAGCCCCTGCCACTGGGTATCGGTAACCTGACTATCTCGGTTTTGTGGTTGCCAGATAATACCTTTCA TCGCAAAGGAAAAAGGGCTGACCAAAAGCAGTGTCAGCAATACGAAAATGAACTTACCGCATTTACCAGTGCACTCCAATG GTGAGAAACGCGTTGTTGCGCTCTCCGTTACGTTGATTAATCGCCTTAAAGGTATGTTGATACTCGACGCCGAGACTGAC TTTGTGCGGCCAGGCGTCGTAGTGCGTCTCGCCGGTCCAGATATTCCAGCGGACCCCGACTCCGCCAAGCTGCGCCCCT GAGTGCCTTTATCACGATAGCCGTTGTCCTGAACGTGAGCGTAAGGCTCAATAGTCTGTCCGTTAGCTACCTTCTGATGC AAACCAGCCTGAACCGTTCGGGTGCCATTCGTCGCTGTATTTGCCGCCATTAAAGAATGAGGCGCTGGCGCGCAGCATGG TATCGGATGCGCCATTTTGGCCGTTCAGCGGCAACTGCTGTTCGACGGCGATGAAAAAGATCTGATCGCGCAGCGGCTTC  ATAAACTGAGAGCAGGTCGCCTTCCAGCAGCATATTGCGTCCGATGCGGTACTCGGCTTCCAGTTGTCCGTAGCTACGAT AGCTTTTCCCTGGCGCTGCGCCGACATTATTGTTAGCGGTACTCATTGCGCCGGAACGCAAGCCGATGGAAGAATCG TGGGGTTATCAGCGCCTGATTATCAATGTCATCACCAGCCGGGCGTAGTGCTGCGTCGCAGGCATGTCATCCAGAC  $\tt GCTGGTTCACGTAGGCCAGTTGTCGGATCAGTGCCGGATCGTCCGGAAGCCCTTTATGCGCCGGTTCGAGCATTTCCCGC$ GACTGTGCGATATCACCGCTATCCCACAAGGCGTAACCAAGCGCTGCCTGGGTGTTGCTATTATTCGGTTCCAGTTCCAG CGCGGCGCGAAATCACTCACCGCGGCCGGGACATTATGACGTTGGCGATAAATTGTCGCCCGCGCAACGTAAGCGTTGG CAGAAGGCGCAATATTGATTGAGCGCGTGAGATCGTTCAGTGCGAGTTCCGGCTGACCAGGAATGTAACGTTGCGCATGC AGCCACCAGTAGAGGGCATTGCTTCCCAGTCCACGTTTTTCTGCCTGTTGTAGCCAGCGATCGCGAGCCGCACCATTTCC TGCCGCCTGGGCGGTATTGGCAGCAGCAGCAGATCCTCATTGCTCATGTCGTGAAGACTGATTTTCTGCCAGGCCGCCA GTGCGGTGGCGTAGTCCTCAACCTGATACGCCTGATAGGCTACCGCACGATGTTGCCAGGCGCTCGGTTGTCGTTGTTCG GCCTGAAGCCATGCATACAACGCCACACCGGGTAGCGTGTCCCGATAACACTTTGCCAGACGGTTCCAGGCGGCGGCGTC GTAGGAAGGCGACATATCGCCCAGCAAGCGAACTATTGCCGGGCAATTATCTGCAATACCCGGCAACTGACTTTGCCACT GACGTTGCTCCGCCAGCGGTAAGGGTTTCGATAAAATCGCCACCTTCGCCGGCGTTGCCAGGTAAGGATGACTTTCCAGC AGCTTCGCGTGACTGCTCGTTCTGCATCAGTTGCCAGGTTAGTTGATCCAGGCGGGTAAGATTTGCCGGTTCTTGCTGAT AACATACTGGCGGTTGTCGGCAAACTGTACCGTATAATTCGCCAACGCCTGAACGGGGTTAGCGCTGTATTTAGATAACA GATAGAGCCAACTTTTCTCTTGTGCGTCCGTGGTAAATAGTGGCTTATTTTCAATGAGATAATGCTGGAGGCGTGCTTTT TCGCCACGATAAGCCAGCGCGTCGCGTAAGTAATATATGACTGAGGATCGGTGAAGATCCCCTGTGATTGCAGTGCCAG GATCCGATCGTCCAGCTGCCCGGCAAGAAGCACGTCAAACCACTGACGGCGTTCTGCCGCGCTTAATGTGTTCTGCTGGC GTGCTTCATTGTATAGCGTATCTGCCTGGGACCATTGTTTCAGGTAGATTGCCCGTTGCAGCAGATCGGTTCGCAGCGTT TTTCCTTCCGGCGATGCAGCAAACGTCGCATCGTTCAGTTGCGCTCTGGCGACAGGTAACTGTGCCAGCCGCAGGGCATT TAACGCTTTTCACTTCAACCGGAATAGCCGCCAGACTGCGCTCAAGTCGGGCATCTCCTGGGTGACGTTTCAGTTGATCC TCAAGCAACAGCCGCCCCGGTCATCATGACCAAAATGGCGATAGGCTTCCGCAAGGTATAAAGTCAGCGGAATATTATC  $\tt CGGCACCTGCTGGTGTATATATTCAAATTCGCGGATGGCGGTTGCTTCGTCGTTATTTTTCTGTGCCTTCAGCGCTTTAT$ CGAGACGGGGATAAATAACAAAATGGCGATAATCGCTCAGCCCCAGCTCTTCTGCGCTGGTGCCGATATTGTCTGCGAGT GCGCTGGTACTCAATAAAGACGTCAGCAGTAAACCAGACCATCCGATGACGCGATTAAGGTTATTCTCCTTCATTTTCGG ACTCCAGTTGCGCAACCTGTTCTGTGTTTAAACCTGCTTTGAGTAATAGTGATTGCATCGAAACTTGTAATTCGCGTTGA ATTGTCAGGACGCGATCCAACGTTTCCTGGCTGATAACGCCTTCGGTGACCAAAAACTTGCCGAGCGCAGAGAACTGCG TTCATGGCGCAATAACAACACGTTAATTGCTGAACGATTAATATGACCGAGCGTGGTCAGTATTTCGGCGAACAGGAACT GATGCGGCACATATTGCCGCCAGATTTCACCGGCCTGCTGTTCCGTGAGCCACTGATGCTGAACCGCATTGTACAACATT GCCCGCGGATCGTGACCGCGTCGGCGTGCATACCAGTGACGTAACCCTGTGACAATTTGTCCCCGCAGAACAATGACGTA  ${\tt ACGCACTTTGCGTCCGACTTTACGCGTCAGGGCCGCCAGCGAAACCGGGTCAATACCATCTTCACTGCCGACAATTAACT}$ CGTCATTTTCCAGACGCAGCGCAGTACCGCATAATGCAGCGCCACGGAGGCCGGCATTTCGGCAATCAGCGAGGAAGGG ATCTGCCAGGCATCGATGGATTCCCACGCCACGCCGTTTTGCTCTGCCAGCGCCTGTGCCAGCTGCTCGGCGCTAATCAG TGACCTGATTTTCCAGCAGAATTTGACCTAACGGGCGCAACGAGCGGGTATCGCCAGTCACGCTGGGGAAGTCATGCGTT GTTTTATCCCACGCCACGCGACGTGGATCGCCGTGTTGAAGTACCTGTTTTAGCGCCGCGCCAGTTGGCCATGAAGTTAAT GCACGATGCGGTTAACCATCAAACCAAAGTTTAGCCACAGCAGGGTCATTAACCATGCGCTGCCGCTGAAAATAGAAAGG GACAAAGTTACTGATTGCCCCTTTGCGGTCGCGCCAGAGAAAGTAGTTCAGCGTCAGGCTGGAGGTCCATTTATGGGTTT TAAAGCCTTGGAAAACAATGCCGATGATCCAGCGGGATTTTTGTCGAACCGCAGTCGAAAAGGTATCGGGGAAATATTCG CGCACGCAGATCATGTTTGATGTCCGCGCGTGCTGTAAAAATTTACGCTGCTCGCGTTCTTTGGCTTCGTCCACCACCGG AAAACGGACAAAAATTTCCGTCATACCTTTTTCTTTCAGGCGGAAGCCAATGTCGTAATCTTCAGTAAGACTCTGCACGT  ${\tt GAAGTGCGTCCATTCGCGTTCGAACGGATACACCGGGATCTGAATCAGATCTTTACGCTCGACCAGATAGTTGAACAGAC}$ GCAATTCCATCGGTGAAATCACATCTTCGGCGTCATGCAGAATAAAACCAGCAAAAGCGAAATTGGCGCTACGCTCAAAT  ${\tt TGGGTGATGGCGTCCAGCACGTTGTTCAGACAGTCGGCTTTGCTGGTGGGGCCAGGACGCGCGCAGACTACCTTATGCAC}$ ATTCGGGAAGCGAGCGCACACTTCGTCAACATCACGCTGAGTATCGGGGTCGTTGGGGTAGGTGCCAACAAGATATGAT AGTTTTCGTAGTCGAGCGTGGTCGCCCAGCTCGGCCATATTGCCGATGACGCCCGTTTCATTCCACGCCGGAACCATA ATCGCTAACGGTTTTTCATCTGGTTTATACAGTTCGCGGTAACTCATTCGCGGGTAGCGGCGATAAACACTCAACTTGCG TTTAATGCGGCGTACCCAGTAGACGACATCAATAAAAAAATCGTCCAGCCCGCTGATGAACATGATGACCGCTAACGTTA TCGCGATTACTTTTAAGCCGTAGAGCCAGGTAGCAAAAACATCAAGAAGCCAGTCCACACAAAAAACCTTACATTAACGCT GGTTATGTTTAGGGTGGCGTATATTAAGGTTTTTTATGAATTGTGACAGCTTTTTTACCATTAATAGGTATGACTATTGCG GCACGTTATTTTACACTGGTTATAAAAGTTGCCGTTTGCTGAAGGATTAAGCGGGTAATGTGATAACAAACCTTGTCCC GTACCGGGGTTTTCGACGATAACTTGCACCAGGTGATCGACCGTCTGACAGCGCACTACAATTGTCTCTCCGGTTGGCGT A TAACGCAGGGCGTTCGAAAGCAGGTTGCTTAGCGCCCGACGCACCATCAGCGGATCGCCCGCGACCTGACACTTGTCGCCAACAAACCGCAACTCCACGCCGCGATCTTCCGCTAACGCCTCGAAAAAAATCGAACACTTTGCCGACTTCATCCGCCAGG TTGAGCATTTTCTTTTCGGGGATTAGCTGGTTGTTATCGGCCTGAGCGAGAAACAGCATATCGCTGACCATTTTCGCCAT  ${\tt TCGCGTCAGCTCTTCGAGATTAGAGTAGAGCACATCTTCCAGCTCCTTCTGGCTGCGGACTGGCTGAGGGCGATTTCGG}$ TTTGCGTTATGAGATTCGTAATTGGTGTGCGAATTTCGTGAGCGATATCCGCTGAGAAATTGGACTGGCGGGTAAAGACA ACAGTACGATAAAGACGATCAGGATGCTGATTACCGATGCGGTCATAATAAGTTTATTCATCAAATCATTTATGTAATGA AGATGAAAATCGATCGAAAGCGCGATGTAGAGCGTATAAATCGGTTTGCCGTCCACCAACGGGCCAACCGGCAAGTTAAT  $\tt CATCCGCCAGTTGCTGTTCCATATGCCCGTGACCGTGGCCTGGCATCATCATCGTCGGGCCGGAAAGGAGATACACCT$ GTTTTACCCTGACTATCTGCCAGGGAAATCAACACATTGGAATAACCACTGACGATATCTTCCAGCGTCATTAAGCGTCG
GGCTTGCGTTTCGTCAGGGTGATTTAGTACCCGTTCAAGGGTGGCGCTAATCTCTTTTAAATCATTAATATCCTGCTCGG CAAAATGAACTTTTACTGAGTGGATCATGATCCATGCAAAGGCGAAAAACGCCGCGATGGTGGCCAGGCTGATAAAAAAG GTCAGGCGGGTTGCCAGCGAAAACGGGCGCTGAAATGGCTTACTGACCATCCGGCACCTCAAGCATGTAACCCACGCCGC GCACGGTCTGAATTAGCTTCGGCTCAAAGTCGTTGTCGATTTTGCCGCGCAGCCGCTTCACCGCCACATCAATAGCATTG GAACTCCAGCAGAGTAAACTCTTTACTGGTCAAAGTGATGCGCGTGCCGCTGCGGGTGACTTTGCGGCTGACGAGATCGA AGTTCAGCAAAAGCGAATGGCTTCACCAGGTAGTCATCTGCCCCCAACTCCAGCCCCTTGACGCGATGTTCAATGGTGCC AAGCGCGGTAAGCAACAGAATCGGCATCCCTTTATTGGCGGAGCGTAACATGCGCACGATATCCCAGCCGTTCACGTCCG GCAGCATAATATCGAGGATTATCAGATCATAATCACCGGTCATCGCCAGATGGTAGCCATTCAGCCCGTTGTCGGCCAAA CATATTTCCTCCGCATGTTGCCCGGGCAATTCTAGAGTAGCGGGATCAGATGGCAATCGCTTATTGGCAAAATGACAATT TTGTCATTTTTCTGTCACCGGAAAATCAGAGCCTGGCGAGTAAAGTTGGCGGCATAAAATCACCAGAAATTATGAGCCTA TGTCTCCTTGTAAACTTCTGCCATTTTGTGTGGCCCTTGCGCTAACCGGTTGTTCACTGGCACCGGATTATCAGCGTCCG GCAATGCCCGTGCCGCAGCAGTTCTCACTCAGCCAGAACGGCCTGGTTAACGCAGCAGATAACTATCAGAACGCGGGCTG CGCTGAAAGTGCAGGAGGCACGGGCGCAATATCGTCTGACCGATGCCGACCGCTACCCACAGCTCAATGGCGAGGGCAGC GGCAGCTGGAGCGGTAATCTTAAAGGGAATACCGCCACGACACGGGAGTTTTCGACCGGCCTTAACGCCAGCTTTGACCT CGATTTTTTCGGTCGCTTAAAGAACATGAGCGAAGCCGAGCGACAAAATTATTTAGCCACTGAGGAAGCTCAGCGCGCGG TGCATATTCTGCTGGTTTCTAATGTCGCGCAAAGCTATTTCAATCAGCAACTGGCGTATGCGCAATTGCAAATAGCCGAA GAAACGCTGCGTAATTATCAGCAGTCATATGCGTTTGTCGAAAAACAACTGTTGACAGGTAGCAGTAATGTTCTGGCGCT GGAACAGGCTCGCGGGGTGATAGAAAGTACCCGCAGCGACATCGCTAAACGTCAGGGGGAACTGGCGCAGGCGAATAATG CATTGCAACTGTTGCTGGGAAGCTACGGCAAGCTGCCGCAAGCGCAGACAGTAAACAGCGACAGCCTGCAAAGCGTTAAA TTACCGGCGGGATTGTCGTCGCAAATCTTATTGCAGCGCCCGGATATTATGGAAGCTGAACACGCGTTAATGGCGGCTAA TGCCAATATTGGCGCTGCACGCGCGCATTTTTTCCGTCTATAAGCCTGACCAGCGGAATATCGACCGCCAGTAGCGATC TATCGTCATTATTTAACGCCAGCAGCGGGATGTGGAATTTTATACCCAAAATTGAGATCCCCATTTTTAATGCCGGACGC AACCAGGCCAATCTGGATATCGCCGAAATTCGCCAGCAGCAGTCGGTGGATTATGAACAGAAAATCCAGAACGCCTT TAAAGAAGTGGCAGATGCGCTGGCATTACGTCAAAGCCTGAACGATCAAATTAGCGCCCAGCAGCGTTATCTGGCATCGC TGCAAATTACTTTGCAACGGGCGCGGCATTATATCAGCACGGCGCAGTAAGTTATCTGGAAGTGCTGGATGCCGAGCGT TCTTTATTTGCAACCCGACAAACTTTACTTGATCTGAATTATGCCCGTCAGGTTAACGAAATTTCTTTGTATACCGCACT TGGTGGCGGTTGACAGCAATATACTCGTCATACTTCAAGTTGCATGTGCTGCGTCTGCGTTCGCTCACCCCAGTCACTTA CTTATGTAAGCTCCTGGGGATTCACTCGCTTGTCGCCTTCCTGCAACTCGAATTATTTAGAGTATGACTTTTAACTCCAG GAGAGAATAAATGAAAAAAGCACTGCAAGTCGCAATGTTCAGTCTGTTTACCGTTATTGGCTTTAATGCCCAGGCTAACG AGCAAAAAAATCACCATCCATCCGATCCGATTGCTGCCGTGAACTGGCCGGAGATGACCATGCGCTTTACCATCACCCC AGGATATTAAAGTCAGCCAGTAACCCAGGTTTAATGAGATGAAAAAAATCGCGCTTATTATCGGCAGCATGATCGCGGGC GGTATTATTTCTGCGGCAGGTTTTACCTGGGTTGCAAAGGCGGAACCGCCTGCAGAAAAAACGTCGACCGCAGAACGTAA AATCTTATTCTGGTACGACCCAATGTATCCCAATACGCGGTTCGATAAACCAGGTAAATCGCCGTTTATGGATATGGATC TGGTGCCGAAATATGCCGATGAAGAGAGTTCTGCGTCTGGTGTGCGCATTGACCCGACTCAGACGCAGAATCTGGGGGTG AAAACGGCTACCGTCACGCGCGGACCGCTGACTTTTGCCCAGAGTTTCCCGGCGAATGTCAGTTACAACGAGTATCAGTA TGCCATTGTGCAGGCTCGCGCTTCCCGGGTTTATCGACAAGGTGTATCCGCTTACCGTGGGCGATAAAGTACAAAAGGGCCA GCAAAAAATCCAGACTCGCTTTACGCTCAAAGCGCCCATTGATGGCGTGATCACCGCGTTTGATCTGCGCGCGGGAATGA ATATCGCCAAAGATAACGTGGTAGCGAAAATTCAGGGTATGGACCCGGTGTGGGTCACTGCTGCGGATCCCGGAGTCTATC GCCTGGCTGGTGAAAGATGCCTCGCAGTTTACCCTCACCGTTCCGGCGCGCCGGATAAAACACTCACCATCCGCAAATG GACGCTGCTACCTGGCGTGGATGCCGCGACCCGCACGCTGCAGCTGCGTCTGGAAGTCGACAACGCCGACGAGGCGCTAA AAGCCAATATTTCTGGCGCACTGGAGCGGATGCGCTCTGAAAGTGCTACCCATGCGCATTGAGGGAATAACCAATGATTG ACCATCATTAATACGCCAGTGGATGCGCTGCCGGATCTCTCCGATGTGCAGGTTATTATTAAAACCAGCTATCCCGGTCA GGCACCACAAATCGTTGAAAATCAGGTGACTTATCCGCTAACCACCATGTTGTCGGTGCCTGGCGCGAAGACTGTGC GCGGTTTCTCACAGTTTGGCGACTCTTATGTGTATGTCATTTTCGAAGATGGCACCGATCCGTACTGGGCGCGTTCGCGG TGGCTGGATCTATGAATATGCACTGGTGGATCGCAGCGGTAAGCACGATCTGGCCGATTTACGCTCATTACAGGACTGGT TTCTCAAATATGAGCTGAAAACCATCCCTGACGTTGCGGAAGTGGCGTCGGTGGGCGTGTGGTGAAAGAGTATCAGGTG GTTATCGATCCCCAGCGCCTGGCGCAGTATGGCATCAGTCTCGCCGAAGTAAAAAGCGCGCTGGATGCTTCAAACCAGGA AGCGGCCGGTTCGTCGATCGAACTGCCGGAAGCGGAATATATGGTGCCGCCCAGCGGCTATCTGCAAACGCTCGACGACT TTAATCACATCGTTTTAAAAGCCAGTGAAAATGGCGTGCCCGTTTATCTGCGCGATGTTGCGAAGGTCCAGATTGGCCCG CGCCCGAGAAGTGATCGCCGCCGTGAAGGACAAACTGGAAACGCTGAAAAGTAGTCTGCCGGAAGGCGTGGAGATAGTTA GCGGTAGTCTGTGCGCTGTTTCTCTGGCATGTGCGCTCGGCGCTGGTGGCGATTATTTCGTTGCCGCTGGGGTTGTGTAT TGCTTTTATTGTCATGCACTTCCAGGGACTGAATGCCAATATTATGTCGTTGGGTGGCATTGCGATTGCCGTCGGGGCGA TGGTCGATGCTGCTATCGTCATGATCGAGAATGCGCATAAACGGCTGGAAGAGTGGCAGCACCAGCATCCTGACGCCACG  $\tt CTGGATAATAAAACGCGCTGGCAGGTGATCACCGATGCGTCTGTTGAAGTGGGGCCGGCGCTATTTATCAGTCTGCTGAT$  TATCACGTTGTCGTTTATCCCGATCTTCACCCTGGAAGGGCAGGAAGGGCGTCTGTTTGGCCCGTTGGCGTTCACCAAAA  $\tt CGTATGCGATGCGGGTGCGGCGCTGCTGGCGATCGTAGTGATCCCGATCCTGATGGGCTACTGGATCCGTGGCAAAATT$ GAAAACCACGCTGCTGGTGGCGCCCTTTCGGTGCTGACGGTTCTCTGGCCGCTCAATAAAGTTGGCGGGGAATTTTTAC CGCAGATCAATGAAGGCGACTTGTTGTATATGCCATCGACGCTGCCGGGGATTTCCGCAGCAGAGGCGGCGAGTATGCTG CAAAAAACCGACAAGCTAATTATGAGCGTACCTGAAGTGGCGCGGGTATTTGGCAAAACCGGGAAAGCGGCACAC CGATTCTGCTCCGCTGGAGATGGTAGAAACGACCATCCAGCTTAAGCCGCAGGAGCAGTGGCGGCCAGGCATGACGATGG  ${\tt ACAAAATCATTGAGGAACTGGATAACACCGTGCGGGCTGCCGGGGCTGGCGAATCTGTGGGTGCCGCCAATTCGTAACCGT}$ ATCGATATGCTCTCAACCGGCATTAAAAGCCCCATCGGCATTAAAGTTTCCGGCACTGTGCTGCCGGATATCGACGCGAT GGCTGAGCAAATTGAAGAAGTAGCGCGAACGGTGCCAGGCGTAGCTTCTGCGCTTGCCGAGCGGCTGGAAGGTGGGCGCT ATATCAACGTTGAGATTAACCGTGAAAAAGCCGCACGTTACGGTATGACGGTGGCGGATGTGCAGTTGTTTTGTGACTTCT GCGGTGGCCGGGCGATGGTTGGCCAAACGGTGGAAGGGATTGCCCGTTATCCAATTAATCTGCGTTATCCGCAAAGCTG GCGCGATAGTCCGCAGGCACTGCCCAGCTGCCGATCCTGACGCCGATGAAGCAGCAAATCACCCTGGCAGACGTGGCCG ACATTAAAGTCTCTACCGGACCGTCGATGCTGAAAACCGAGAATGCGCCCCCGACGAGCTGGATTTATATCGATGCCCGC GATCGTGACATGGTGTCGGTGGTTCACGATTTGCAAAAAGCGATAGCTGAAAAAGTGCAGTTAAAACCGGGCACCAGCGT GGCATTCTCCGGGCAGTTCGAGCTACTGGAGCGCCCAACCATAAGCTTAAACTCATGGTGCCGATGACGTTGATGATTA TCTTCGTGCTGTTGTATCTGGCGTTCCGTCGGGTGGGCGAAGCGTTGCTGATTATCAGCAGCGTACCGTTTGCGCTGGTG  $\tt CGCCGCCGAATTTGGCGTGGTGATGTATTTACGTCACGCCATAGAGGCCGTGCCGTCGTTGAATAATCCACAAA$ GTGATTATCGCCGGTCTGCTGCCGATTCTGTGGGGAACGGGGGCTGGTTCAGAGGTGATGAGCCGGATTGCCGCGCCGAT GATTGGCGGCATGATCACCGCACCTTTGCTGTCGCTGTTTATTATCCCGGCGCGTATAAGCTGATGTGGCTGCACCGAC ATCGGGTACGGAAATAAAAGCAGGATACCCCGTTTAACCGTGTGGATTGTGTCTTGCGACGATGGGCACTAAATGTTAAA AGGTGCCCCTCAACAAAAAGACACACAGGGGAAAGGCGTGAAAAAACGCGTCAACCGTATCGGAAGATACTGCGTCGAAT GTTTCTTGGCATTGGCCCGGCGATTCAGATGGCGGGTCCGGCTGTATTGCTGGGCTACGGCGTCGCCGGGATCATCGCTT TCCTGATTATGCGCCAGCTTGGCGAAATGGTGGTTGAGGAGCCGGTATCCGGTTCATTTGCCCACTTTGCCTATAAATAC  $\tt TGGGGACCGTTTGCGGGCTTCTCTCTGGCTGGAACTACTGGGTAATGTTCGTGCTGGGGAATGGCAGAGCTGACCGC$ TGCGGGCATCTATATGCAGTACTGGTTCCCGGATGTTCCAACGTGGATTTTGGGCTGCCGCCTTCTTTATTATCATCAACG ATGATCGGCTTTGGCCTGTGCTGTTTTCTGGTCACGGCGGCGAGAAAGCCAGTATCGACAACCTCTGGCGCTACGG TGGTTTCTTCGCCACCGGCTGGAATGGGCTGATTTTGTCGCTGGCGGTAATTATGTTCTCCTTCGGCGGTCTGGAGCTGA TTGGGATTACTGCCGCTGAAGCGCGCGATCCGGAAAAAAGCATTCCAAAAGCGTAAATCAGGTGGTGTATCGCATCCTG GATGATTTTCCATAATCTCGACAGCAACGTGGTAGCTTCTGCGCTGAACTTCGTCATTCTGGTAGCATCGCTGTCAGTGT ATAACAGCGGGGTTTACTCTAACAGCCGCATGCTGTTTGGCCTTTCTGTGCAGGGTAATGCGCCGAAGTTTTTGACTCGC GTCAGCCGTCGCGGTGTGCCGATTAACTCGCTGATGCTTTCCGGAGCGATCACTTCGCTGGTGGTGTTAATCAACTATCT GCCGGTGTGGATTGTATTCCTGTTTATGGCATTTAAAACGCTGCGTCGGAAATAAGGCATTCACGCTACATCCGACAAAA CGATGTCAACCATCCGAAACCGCTCTCATCCATTCGATGAGAGCGGTTTTTTTAATTACTGCTTAAATGCACCCGCCAGA GAGCGAATATCATTGCCGGTTGGCGACTGATGAAGTCGCAGACCAAACTCTTCGACAATCGCAAATATGTGATCGAATAT ATCAGCCTGAATGCTTTCATATTCCAGCCACACCACGGTGTTAGTAAACGCGTAGATCTCGAGCGGTAAACCGTTATCAC TTCCTGATGGCGGCTGGTTAAATAAGGCTTTAACAAATGCGCTTTATTCAGACGTTGCATCTCTCATCAAGAAAAC  GAGTCAGAAACCAGAGACCAGGTGGGAATAGTGGTAATGGTATTGTCCCAGTTACGCACTTTGACGGTGGTTAACCCAAT GAATACCTGCCACCAGACCAAGAATCGGATCTTTAAATACCAACATCAGCACGCCAGCCCATTGCACCAAGACCGCTGATC AGAATCGCTGGCGACTGACCAATCAGCAGCGAGATCATCAAAATGCCGACCAGAATCGCGCCGATCAGTTTAATCCCCTG AAATATCCCTTTCAGCGGTAACTGAGATGCTGCCGGGAATTTCTGCGCCAGATTCAAAATAACATCCAGCAACGAGAAGA CAGAATACCGCCTGAATATTGACGATAATCCCCTGCAGGGTAAAAGCTAAACGGTGGAAGAGTTTATTCTGGGTAATGAT TTGCAACCAAAGCCGTGAACTGGCGATGGCACGTTTTTCGAAGGTCCGCAGTACCACCCAATGCAAAATAATATGCACCA ACCTGGGATATTAAATCCTGCATAACGTCTCCTTTATACAACAGCAGCCTATGATGACGGCTGAAACAGGGTTATGCAAA TCAGGAGAATCTGAGAGGAAATAGCCGGGCAGATGCCCGGCAAGAGAATTACACTTCGGTTAAGGTGATGTTTTGCGG CTTTCTCTTTCAGACCAAATTCTGCATCGAGGATGGCGGCGTCAAAACCTTCGATGGGTACCGCGTCCAGACCCAGAGCC GCCACGCCGAGCAGGAAGTTACCGACGTTGAGATAAACCTGTTTTGCCATCCACTCTGCATCATCATGCAGATCTTTACG GTGCATATCAGCGAAGAACTTGCGACCTTTATCGTTCGCGGCCTTCCGGCGTGGCAAAGCGGCCATCGGCATCTT  ${\tt CCTGGTCAACAACCAGCTTCAGCCAGACATCGTCCATCGCGGTTTTTGCACAGAACACCACGACGTGCGAGGCATCAAGC}$ ATTTTACGCTCGTTGAACACGTAATTACCGGCAGCGGATTTGGCAACACGCGCTTTACCTTCTTCCGTGCTGCAACAAT AAAATGCCACGGCTGGGAGTTGGTGCTGGATGGGCTGTATTGCAGTAGCGTTTTGATCTGCTCGGCCTGTTCCGGGGTAA GTTTTTTGCTGGCATCAAATGCCTTAGTGGAATGACGCTTTAAGGCGACAGAAATGATATCCATAAAGACTCCATGTGAA AGTAATTTTGCGTGCCAGCAGATTACAAGGTTCAACGAGAAATGGTAAGCGAGAAAAATGCGCTATAGATTTCCGCTTTA GCCTGGACGCACTCTTTTTTGATCGCGTTTAGCCAGACCATCAACCACCAGATTCCACGAATCGTTGATCAGATCGCGAA GTAACGCTTCGGAGATTTCTTCGCCGGGATACACTGAAATCCAGTGCTTTTTATTCATGTGATACCCTGGCTTAATGCTT GGGTATATTTGCTGATTTAACAGGGATTTTTGTGGATCGGACTTCAGATTGATAAAGGGGACGCCGCGTAGCTCCGACGA  $\tt CAAGGGCCAGGCGTTTCGCCGTTTCGTGCAGTGATTGCTTATCCATAAACGTTCCTTTAGGCGAAGGAGAATAAGCAAAG$ TATGCCGCGAAGTACGGCGATAATCGACGTTTAATCCGCCAGCGAGAACCAGCGTCGCCAGATAAAGCGCAGAACAAAAT ACTCAATAGCGCCCAGCACTAAAAACCACAGACAAAACAATAAAGTGTAAAGCTGACTAAGATCCATCAGATGGAACATG GCCTGCTGCGGTGGTCAAGGTTTCTAAAGGGTGTTTCATAACATTGTTAAATGTAAGTTAAAACACCATTGTCAGGGATA TTCTTCTGTAAGGCAATTCCCGGCTTAGTCACCGGCCCAGATCTCACAATGCTTTTTCACCAGCCCAATCAGCGAGCCGC GATGCACCAATTTTATGTGCGGAAGGGGCGATTTTTTCCAGCAATCGCAAGGTATCTTCCGTTAGCGGTCGACGATCTCC AGTGTGCGGATCGGTGATGACGCCTTCAAGCCCATAGCGACAGGCCTGGAAACGGTTGAATTTATACAGCAGGTAATCTT TTTCCTGATGTTTAAACGGGCGTTCCGTCAGTAACCAGTGGGCGGTAGCCTGAATTAATCCCGCCATATTTACTGCGTGG CTAAGGGTTAACGGGGTATCCATCACCCGAACCTCCACCGTGCCAAAATGAGGACTGGGGCGAATATCCCAGTGCAGATC TTTAATGCTGTCGATCATCGTGGTGTAACTCAGACAGCGAAACAGGGCTTCAAATTGTTGCCAGTTACTGACCCACGGCA TCGGGCCATTATCAGGAAAGGCGGAAAAAATATTCGGTCGTGAGGAGGCAAAACGCGTATCCGTTCCCTGCATATATGGC GTGGCTGCCTGCAATACGACTTTCTGCATCGCTGAAAACTGCCCGGCAGCCTGGTTGATATCACGGCAAACATCCGTCGC  $\tt CAGCTCCAGCATACTTTCGGTGATATCGTGCTTTACCTCTCCGGCCGTGATCTTATTTTTAACCGCGTCAATCAGCATTG$ ACATGAAAATCGGGTAATGGCATAGGTTTCTCTTATGTTGGCGTTTTCTATTCAGTATAGAAGTCGGAGCGGCTGGGCGA
GATGCGGAAGTTCTGGAATGTTTCTTTTTTTGGTGATGGTGAACTGATGGTGCCTGAAGCAATTTGGCTACTTTTGCAA ATAACGGCGGGTGCCTGAAGCTTTCCGGTTTCAGGTTTACTCTGAGGTCTGGAAAGATGAAGCCCCAGGAGATATTTCTA TCAACCCTGGGGCTGCCACTCCAAACCCGAACAATTTGGATGGTAGTCCCTTCTTCGCATGGAGGCAATATAAACATGCT GACGAAATATGCCCTTGCGGCAGTCATAGTGCTGTTTTAACGGTGCTGGGATTTACGCTTCTGGTCGGAGACTCGCTGT GTGAGTTTACGGTGAAGGAACGTAATATTGAGTTTAAGGCTGTTCTCGCTTACGAACCGAAGAAGTAGCCGTTGTGCGGG GAGTAATCCCATAAGCGCTAACTTAAGGGTTGTGGTATTACGCCTGATATGATTTAACGTGCCGATGAATTACTCTCACG ATAACTGGTCAGCAATTCTGGCCCATATTGGTAAGCCCGAAGAACTGGATACTTCGGCACGTAATGCCGGGGCTCTAACC AGTCACTGCATGGGCTCAGCTCCATGACGTTGCAACATTATCTGACGTGGCTCTCCTGAAGCGGCTGCGGAATGCCGCCG CTGTCAGTTCACTGATTTTGAGCTAACCGACAGCAGAGACGCTGAACGGCTGGACCGATTTGCGCAAACGGCAGACGACAGA TACGCATTGCTGACCGGGGATTCGCTTCCCGAATGTATCCGCTCACTTGCTTTTGGAGAAGCTGATTATATCGTC TTGCGGTAAGAACGGTGAAACCACTGTAATGATAGGCAATTCAGGTAATAAAAAAGCCGGAGCTCCCTTTCCGGCACGTC TCATTGCCGTATCACTTCCTCCCGAAAAAGCATTAATCAGTAAAACCCGACTGCTCAGCGAGAATCGTCGAAAAGGACGA GTAGTTCAGGCGGAAACGCTGGAAGCAGCGGGCCATGTGCTATTGCTAACATCATTACCGGAAGATGAATATTCAGCAGA GCAAGTGGCTGATTGTTACCGTCTGCGATGGCAAATTGAACTGGCTTTTAAGCGGCTCAAAAGTTTGCTGCACCTGGATG CTTTGCGTGCAAAGGAACCTGAACTCGCGAAAGCGTGGATATTTGCTAATCTACTCGCCGCATTTTTAATTGACGACATA TGGTCATCTGGAGCTTACAGGTGGCCATTCGTGGGACAGTATCCCTGACAGCCTACAAAACGCAATTGAAGAACGCGAGG  $\tt CATCGTCTTAACGAGGCACCGAGGCGTCGCATTCTTCAGATGGTTCAACCCTTAAGTTAGCGCTTATGGGAGTAATCCCC$  $\tt GCATATCCGGTTGTCAGGTCAGGATGGTAAGGCACCTGCTTTACACTTTCGCCCGTGGTCAGTGATGGCTGCGGGCGAAT$ CGTACCAGATGTTGTCAATTAATCGTGTTGGCACAGCGTTATGACTATCTTTTCTTTTATCTGCCAGTGCACAGCAAACA TCTCATTCTCACGATGAATGATGACCTGCTGTTTATTCCAGCTAATTATCTGATAGTCCAGAAAACCTGCATCAGTTTGG ATCTCACTTGCCTTAAATGCGCTCTCTTTGGCGGAAAATGCCAGTGTCAGCGCCAGAGAAAAGGCTAAACCGCAGTCTGC CAATGCCAATCGGTTGACGAGATACCACGGCTAATGCCGTAGTCCCACAGTGGCTAATACTGCCGTATACCTCCGCAGGC TCCGGCTAAATGCTCTGTTTTACGTTTACGTCCAGCGTGTTGCAGTTGTGCGTAGTGCGGCAGCCAGAGTAAATCCTGCT TCGACCATATTCGAGACTGATGACAAACGCAAAACTGCCTGATGCGCTACGCTTATCAGGCCTACATGGTCCTGCAATAT  ${\tt ATTGAATTGGCAAGATTTTTGTAGGCCGGATAAGGCGTTCACGCCGCATCCGGCATGAACGACGCGCACTTTGTCAACAA}$  ${\tt CCGGCGATATAGTTGGCCCCTGCCAAATCGCCCGTGGTCTGGGCATTACCCGCACGCCACAAACGTTTGTCGAACAGATT}$ GTCCACGCCGCCGGTCAGACTGACATTCTTCGTCACATCCCAGGTCGCGCTCAGGCCAACAATGCTGTAAGGACTAATTT  $\tt CTTTGGTTTCCGGTCCAACCGCTGGCTGACCTTTATAGTTGTACTTCTTCGGCTGCTGCTTGCCGTACCAGGTGAAGGTCAAGGTCAAGGTCAAGGTCAACCAGGTGAAGGTCAAG$ GTTTGCATCGACAAATCTTCCCGTGCCTGCCAGCTCAGCGTTGAGTTCAACGTATACTCCGGGATGATCGACAAACGGTC GCCCGTGGTTTTGTTTTCACTCTTCAGCATATAAGTGATGTTATTGGTCCACATCACCGTTTCGCTAACCGGTACGTTTA TGGCATAGCAACCCTGACCTTTACTGTAGAGAATGTAGTTCGGGTTAGTCTGGTACAGGCTCGGCGCTTTATAAGCACGG  $\tt GCGATGCCCATTTTCAGCGTGAAGTCATCGCCTAAACCTTGCGATATGTTCAGCGCCGGGCTCCAGTTATTGCCGACAAT$  ${\tt AAATTTCTGCTTTTGAATACGGGCTACGGTCGGTGGTACTCACGCCATCAATAGCGCCACCGGTATTCGTTCCGGTCAGTAGTGGTTCGGTTCGGTCAGTAGTGGTTCGGTTCGGTTCGGTCAGTAGTGGTTCGGT$ GCCTGGGTGTTGGAACTTAAGTCCTTCATCCGTTGCTGATTCCACTCCGTACCCAGCGTCAGCGTCTGGTTAACGAGGAA ATCAATCGGCAGGTTAACTTCGCTGTGCAGCATCACGTCATCAAGATCGATATCGACGAAATCCTGTGTCGCTTTTTCGT TAAATTTCCCTTCGGTACCGCCGCCAGACCTTCCGGAATACGCGAGTTACGGGTGTGTTCGTACTGCACCCAGTTGCTG  TTTCGAGCGGGTATAGGAATCGGAGTTGGTATTCTGGGTGTCGCCCGCATACAGGTTACCCTGGCGGCTGTAACCTGCTT  $\tt GCTGGTAACGTCGCGCATACGTTCCGGCACGCGCGGACTGATGGCCCTGGTTGATATCCCACGCGTCAGCCTGGGTTTT$ GTCGAGGTTGCCATACAAACGGAAGCTGAATTCGTCGCCCAGCGGACCGGTCAGGCTAAAGTTAGTGCGTTTGGTGGCAC TTAACCACGCCGCCGCCGCCGCTTGCCATAACGCGCAGCTGCCGGACCACGCAGAACTTCAATACGTTCAATCATTTC AGGTGCCACCCAGGAAGTATCACCACGGGTATCGCGCTCGCCACGCCAGCCCTGACGCACCGAGTTACCGCTGCTTACCG GCTTGCCGTCAATCAAAATCAGCGTGTTTTCCGGACCCATACCGCGAATATCAATCTGTCGGTTATTCCCACGCTGACCA GATTTCATCTGCGGTGATGGTCGAAACGCCAGGCGCCTGTAAGTTCTGCTCGGCGGCGGTAACGACAATAGTATCGTCAT GTGAAACAGGAGTATCGGTCGGCTCTTGTGCCTGCGCTACCCCATAAATCCCCAGATTGACCAACAAGGCCAGGGAATGA ATCTTCTTGTTCATTGTTTATTCCTGCATTTTTGCCACGAATTGCAACTGTCGGGCATGGTCGTCATCAACACGACGCA GTCTGAATGACGAAATGTTTGAGGTCACTTTCTGGTGGCGTGATCCCCAAGGTTCTGAAGAATACTCGACGATAAAGCGC  $\tt CGTCTGGCAGTGGACACACACTCAATGCCAACTGGCGGGCAGCTACTGCTTTATTCCCACCGAACGCGATGACATTT$ TTTCTGTACCATCCCCCGATCGCCTCGAATTGCGCGAAGGCTGGCGAAAACTATTACCCCAGGCGATAGCCGATCCGCTG AACCTACAAAGCTGGAAAGGCGGGCGAGGGCACGCTGTTTCTGCACTCGAAATGCCGCAAGCGCCTCTGCAACCGGGATG GGATTGTCCGCAAGCGCCAGAAATACCTGCCAAAGAAATTATCTGGAAAAGTGAACGGTTGAAAAAGTCACGGCGTGTAT GGATTTTTACCACCGGCGATGCAACAGCAGAAGAACGCCCGCTGGCAGTTTTGCTCGATGGCGAATTTTTGGGCGCAAAGT ATGCCCGTCTGGCCAGTGCTGACTTCGCTGACCCATCGTCAGCAACTTCCTCCCGCCGTGTATGTGTTGATCGACGCTAT CGACACCACGCACCGCCCCACGAACTGCCGTGTAATGCGGATTTCTGGCTCGCAGTACAGCAAGAGTTATTACCCCTGG TGAAAGCTATTGCCCCTTTTAGCGATCGTGCCGATCGCACCGTGGTTGCCGGGCAGAGTTTTGGTGGGCTTTCCGCGCTG TATGCCGGACTGCACTGGCCTGAACGCTTTGGCTGTATTAAGCCAGTCAGGATCGTACTGGTGGCCGCATCGGGGCCG  $\tt GCAGCAAGAGGGCGTGTTACTTGAAAAGCTAAAAGCTGGTGAAGTTAGCGCCGAAGGTCTGCGCATTGTGCTGGAAGCGG$ GTATTCGCGAGCCGATGATCATGCGGGCCAATCAGGCGCTGTATGCGCAATTACACCCCATAAAAGAATCCATTTTCTGG  $\tt CGTCAGGTTGACGCCGGACATGATGCGCTTTGTTGGCGCGGTGGCTTGATGCAGGGGCTAATCGACCTCTGGCAACCACT$ TTTCCATGACAGGAGTTGAATATGGCATTCAGTAATCCCTTCGATGATCCGCAGGGAGCGTTTTACATATTGCGCAATGC GCAGGGGCAATTCAGTCTGTGGCCGCAACAATGCGTCTTACCGGCAGGCTGGGACATTGTGTGTCAGCCGCAGTCACAGG CGTCCTGCCAGCAGTGGCTGGAAGCCCACTGGCGTACTCTGACACCGACGAATTTTACCCAGTTGCAGGAGGCACAATGA GCCAGCATTTACCTTTGGTCGCCGCACAGCCCGGCATCTGGATGGCAGAAAAACTGTCAGAATTACCCTCCGCCTGGAGC GTGGCGCATTACGTTGAGTTAACCGGAGAGGTTGATTCGCCATTACTGGCCCGCGCGGTGGTTGCCGGACTAGCGCAAGC AGATACGCTGCGGATGCGTTTTACGGAAGATAACGGCGAAGTCTGGCAGTGGGTCGATGATGCGCTGACGTTCGAACTGC CAGAAATTATCGACCTACGAACCAACATTGATCCGCACGGTACTGCGCAGGCATTAATGCAGGCGGATTTGCAACAAGAT TTATCACCATTTGCTGGTCGATGGCTTTAGTTTCCCGGCCATTACCCGCCAGATCGCCAATATTTACTGCACATGGCTGC GTGGCGAACCAACGCCTGCTTCGCCATTTACGCCTTTCGCTGATGTAGTGGAAGAGTACCAGCAATACCGCGAAAGCGAA AACTTTCAGGTGTGCAGCGTACCGATTTAGCCCTTGCGCTGGCAGCCTTGTGGCTGGGGCGATTGTGCAATCGTATGGAC TACGCCGCCGGATTTATCTTTATGCGTCGACTGGGCTCGGCGCGCTGACGGCTACCGGACCCGTGCTCAACGTTTTGCC GTTGGGTATTCACATTGCGGCGCAAGAAACGCTGCCGGAACTGGCAACCCGACTGGCAGCACAACTGAAAAAAATGCGTC  $\tt CTCAATATCAAGGTATTTGATTACCAACTGGATATTCCTGATGTTCAGGCGCAAACCCATACCCTGGCAACCGGTCCGGT$ TAATGACCTTGAACTGGCCCTGTTCCCGGATGTACACGGTGATTTGAGTATTGAGATCCTCGCCAATAAACAGCGTTACG ATGAGCCAACGTTAATCCAGCATGCTGAACGCCTGAAAATGCTGATTGCCCAGTTCGCCGCGGATCCGGCGCTGTTGTGC GGCGATGTCGATATTATGCTGCCAGGTGAGTATGCGCAGCTGGCGCAGCTCAACGCCACTCAGGTTGAGATTCCAGAAAC
GCTATCGGGAAATGCGCGAGCAGGTGGTGGCGCTGGCGAATCTGCTGCGTGAGCGCGCGTTAAACCAGGGGACAGCGTG AACTGCCGCGCTTTAGCGATGTTCCCAATTTAACAAGCCTTTGCTATAACGCCCCGCTTACACCGCAGGGCAGTGCGCCG  $\tt CTGCAACTTTCACAACCGCATCACACGGCTTATATCATCTTTACCTCTGGCTCCACCGGCAGGCCGAAAGGGGTAATGGT$  ${\tt CGGGCAGACGGCTATCGTCAACCGCCTGCTTTGGATGCAAAATCATTATCCGCTTACAGGCGAAGATGTCGTTGCCCAAA}$  ${\tt CCGGAAGCGCACCGCGCTCGCTATGCAGCAATTCTTTGCCGAATATGGCGTAACGACCACGCACTTTGTGCCGTC}$ GATGCTGGCGGCATTTGTTGCCTCGCTGACGCCGCAAACCGCTCGCCAGAGTTGCGCGACGTTGAAACAGGTTTTCTGTA  $\tt GTGGTGAGGCCTTACCGGCTGATTTATGCCGCGAATGGCAACAGTTAACTGGCGCGCCGTTGCATAATCTATATGGCCCG$ TGGTTATCCGGTATGGAATACGGGTCTGCGTATTCTTGATGCGATGCATCCCGGTGCCGCCGGGTGTGGCGGGTGATC  $\mathsf{TCTATCTCACTGGCATTCAACTGGCGCAGGGCTATCTCGGACGCCCCGATCTGACCGCCAGCCGCTTTATTGCCGATCCT$ TCGAACAAGCCGTTACCCACGCCTGTGTGATTAACCAGGCGGCTGCCACCGGTGGTGATGCGCGTCAATTGGTGGGCTAT  $\tt CTGGTGTCGCAATCGGGCCTGCCGTTGGATACCAGCGCATTGCAGGCGCAGCTTCGTGAAACATTGCCACCACATATGGT$  ${\tt ACCGGTGGTTCTGCTGCAACTTCCACAGTTACCACTTAGCGCCAACGGCAAGCTGGATCGCAAAGCCTTACCGTTGCCTG}$ AACTGAAGGCACAAGCGCCAGGGCGTGCGCCGAAAGCGGGCAGTGAAACGATTATCGCCGCGGCATTCTCGTCGTTGCTG GGGTGTGACGTGCAGGATGCCGATGCTGATTTCTTCGCGCTTGGCGGTCATTCGCTACTGGCAATGAAACTGGCAGCGCA GTTAAGTCGGCAGGTTGCCCGCCAGGTGACGCCGGGGCAAGTGATGGTCGCGTCAACTGTCGCCAAACTGGCAACGATTA TTGATGCTGAAGAAGACACCCCGGCGTATGGGATTCGAAACCATTCTGCCGTTGCGTGAAGGTAATGGCCCGACGCTG TTTTGTTTCCATCCTGCGTCCGGTTTTGCCTGCCAGTTCAGCGTGCTCTCGCGTTATCTCGATCCACAATGGTCGATTAT GCGCGACTGCGTGCCCGTGGCGAACAGGTGGCATTTCTTGGCTTGCTGGATACCTGGCCGCCAGAAACGCAAAACTGGCA GGAAAAAGAAGCTAATGGTCTGGACCCGGAAGTGCTGGCGGAGATTAACCGCGAACGCGAGGCCTTCCTGGCAGCACAGC  ${\tt AGGGAAGTACTTCAACGGAGTTGTTTACCACCATTGAAGGCAACTACGCTGATGCTGTGCGCCTGCTGACGACTGCTCAT}$ AGCGTACCGTTTGACGGTAAAGCGACGCTGTTTGTTGCTGAACGCACACTTCAGGAAGGTATGAGTCCCGAACGCGCCTG GTCGCCGTGGATAGCGGAGCTGGATATCTATCGTCAGGATTGTGCGCATGTGGATATTATCTCTCCAGGGACGTTTGAAA AAATTGGCCCATTATTCGCCCAACGCTAAACAGGTAAATTAATATTTTTTATAAACCCATAATTACAGAAAAATAATTAT TTACAAACTTCAGCTTCGGATAATTATCACCAACTGGTAAAGTGAGCCCCTGGAGATTTCCCCCTATTGGACTCATTTT GTAATAATGAAATTGATTTACTTAATCTAATCTCAGTTTTATGGCGGCCCAAAAAAACGGTCATGGCGGTCGTTTTTGCG TTTGCCTGCGCAGGCTTGCTGATCTCTTTCATCCTGCCGCAAAAATGGACCAGCGCGGCGGTTGTCACGCCTCCAGAACC TGTTCAGTGGCAAGAGTTGGAGAAATCATTCACTAAGCTTCGTGTGCTGGATCTGGATATCAAAATTGATCGTACAGAAG CATTTAACCTGTTTATCAAGAAGTTTCAGTCGGTTAGCTTGCTGGAAGAGTACCTGCGTTCATCACCTTATGTGATGGAC CAATTAAAAGAGGCGAAAATCGACGAACTGGATTTGCATCGCGCAATTGTCGCATTGAGCGAAAAAAATGAAAGCGGTTGA TGACAATGCCAGTAAGAAAAAAGATGAACCGTCACTGTATACCTCCTGGACGCTAAGTTTTACCGCGCCAACCAGTGAAG  ${\tt AGGCGCAGACCGTTTTGAGCGGGTATATCGATTATATCTCTACGTTGGTGGTGAAAGAGTCGCTAGAAAACGTCCGTAAT}$ AAACTGGAGATCAAAACCCAGTTTGAAAAAGAAAAACTGGCTCAGGATCGCATTAAAACGAAAAATCAACTTGATGCAAA TTAAAGATGACCCCGATTTTTCTATTTCTCTCGGTGCAGACGGTATTGAACGCAAACTGGAAATAGAAAAAGCGGTCACT GACGTTGCGGAACTGAACGGTGAATTACGTAATCGGCAGTATCTTGTCGAGCAATTAACAAAAGCACATGTCAACGATGT GAATTTTACGCCGTTTAAATATCAGTTAAGCCCGTCATTGCCAGTGAAAAAAGACGGTCCGGGTAAGGCGATTATTGTGA GCCATGATGGCAGACCACTTAGTTTAACTATTTGCGGTTGAAGGTGCCGTTCGTCCGAGCGGCACCACAAGCGGCGTTCC GGCAACTGGATCGTCAATGATCATGCAGCGCAGACCATAAATGCGCTCAATCAGTTCAGCAGTGACAATCTCCTTCGGCG  $\tt CGGCGTGGTAGCATTTTGCGCCAACAGACCAATCCGGCGTGCAACCTCTTTACTGGCGTAATGTTGAATGTGCTCGCCAT$ TAACTGTTCGCCGCGCAAACGGGCTACTGATTCGGTCATTTTTTGCGAGACTCCTGAATTAACAAGACGATAAGGTAAAT GCGACTAAAGCAATAAAGGAAATCGGCCCGGCAAGCGCTGTTGCCGCAGCGGTAAGCACCACTGCAACCAGCATCATTAA GTAAGGCGGCGCAATGAGCATCAATATAATGATGGGTGCGGAAGGCCGAGGTTTTTGCCCACGTCAGGCCGTTGAGCGAT  ${\tt CCGGCATTCCACAAACCTGCTGTTAGCGCCGTTTCTAAAGACGCTTTCAGCAACAGCCAGGTATTAAAGGCCACCAGCAT}$ AAGTGACAATGCCGCCCACCATTGCTGACAGCGCGATAGCCGTCAGGTCCTGACCAAACAGCACCATCGCCACCAGCACG ACTGACGCCCAGTGCTGCGCCAATCAACAGCGCCATCAGCACGCGTGGTAAACGCCATTCGGTGACCACCATCGTCATAC TGCGCGCGCATCGCCCATCAGCGCGCGAATACCTGCGAGGTTTCCAGCGTGACGGCACCGCTGCGTAATCCCCAGATA  $\tt CCTGCAACCACACGGGGAAACCAGCAGCAAACAGGTGATGAGTAATCGGCGAGAGACGTAAATCATGCACCACCTCGC$ GTTTTACGTCGCACGAGGAAGATCAGCACCGGTGCACCAATAAACGCACTGACCACAGAAACGCGCAGTTCGCCGGGCAC AATCACCCGCCCGATGATATCGGCAAACAGCAGCAGGGCAGGGGTAGCAAGTAGCGTGACGGGCAGCGACCAGCGATGAT GCCGAGGCTCAAACTGTTCAGCGCGCGACTCAGTAATAGCGCAGTTGCTCCGGCGATCAGCACCGGGATCAGCACCACTT TTAAGGTATGTAGATTGCGAATATCCAGCGAACCGGCTTGCCAGAAACGCAACTGATCGTAGACGTCAGGATTAAGCAGG GCGATGCCGCTGGTCAGTCCTTCCAGCACCGCCGCCAGCGCCACGCCCAGGGTTAAACGCACCGGACTTAACTGCCC GCCGCCTGACTGCCGGTAAAGGCAACAATCAATGAGGCCACCAGCGCCCCGGCGAAGGCCATCGCCAGTTGTTCCTGCG  ${\tt CGGAAGAGTAACCAAACAGCGCCGCACCCAGCACAATGGCAAAGCTGGCTCCGGCGTTCACGCCAAGCAGCCGGGGTCG}$ ACGCGGCAGCCGCGCTCGAGCACGATGGTGCAGTCGGCGCTCTGGCAGGTGCCGGAGAAGGCCTCCAGCACTACGGAAG CGGGGAGTGATTTTGCCCCAATGAGCAGGCTTAATGCCGTCGCGATAATCAGTAATAACAGCAATCCGGGCACGGCAATG ATGTTAGCATGTGCAGCCTAAGAATAGGTATTTAAAATATTTGATGGCAAGGCATTGTAATGAATAAACAATCCTGGCTG GCGCGCGCACCTGTGGCATTGGCTTCATTGGACTGTGCCTTAATGCACTGCTGCCGGAGCCGTCATTGCTGGCAATCTA TTATTGCTGGCGACCGGTGGCGTAGCCTGGAACTACGGGCTGGCGGCGGCGGCGCACGTTTATTACCTTGCTACCGTTGTTAAGCCTTCCGGCGTTGCCACCGCCACCGCAGCCGCGTGAGCATCCGTTGAAATCATTACTGGCAGGATTTCGTTTTCTGCTTGCCAGCCCGCTGGTGGGCGGGATTGCGCTGCTGGGTGGTTTATTGACGATGGCGAGCGCGGTGCGGGTACTGTATCCG  TGCGTTAACCAGCGGGAAGCTGGCACATAGTGCGCGACCAGGGTTATTGATGCTGCTCTCCACGCTGGGATCGTTCCTCG  $\tt CCGCCGCAGGTGACAGCTCCGACAGTTAATGCTTAAAACAGCGCCTTAAGCCTATCCAGCACTTGCATGGCGCTGTAGT$ GCATAAATAGCATCGGCATCTTTCTGATCACCGGCGAACAGGAATAGTGACTCGCCATTTAACCCTGCAGCCAGATTTTC AGCCGAGTTGTTCCAGCATCTGCCCTTGTGCTGATTCTGGCGTCCAGAGATTTGGCACTGTGTGCAGCGGCAGTATAGACA  $\tt ATGGCAGTGACCGGCTGCGGCGGTAATTTGATTTGCTCTTTCGCCGCCGCCAGTTGCTTATCAAACTGCGCAATCCGCTC$ TGCCGCTTGTTTCTCATGCCCGGTAATTTCGCCAAGTTGCGTTAACAGCGACTGCCAGCTTTTGTCGTCGTAATTGATGA TTAATGTCGGGGCGATGGTGGAAAGCTGATCATACAGTGCCAGCGCCGAATCCCCGCCGGTTGCGCTAATTAAAATCAGA  ${\tt TCCGGCATTTGCGCGCCAACGGCTTCGCCGCTTCGCCGATATAGAGCCGTTGCAGTTTTCGCTTCTTTCGCCACCTT}$ GCTCCACTGGCGTAAAAAGCCCTGGTCATCCGCGACGCGGTTATTCGGCGTGGTCGCCGCTGGCGATCACCGGAGCAT GGCGTTGCGGTAGAGCGGGGCGAGTCTCACAAATCAGCTTCCTGTTATTAATAAGGTTAAGGGCGTAATGACAAATTCGA ACCCTCACCCCAGCCCTCACCCTGGAAGGGAGAGGGGGCAGAACGGCGCAGGACATCACATTGCGCTTATGCGAATCCATTCACATTGCGAATCCATTCACATTGCGCATTATGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCCATTCACATTGCGAATCACATTGCAATTGCGAATCACATTGCAATGAATCACATTGCAATTGCGAATCACATTGCAATTGAATTGAATTGCAATTGAATTGCAATTGAATTGAATTGCAATTGAATTGAATTGAATTGAATTGAATTGAATTGAATTGAATTGAATTGTAGTGCGCGTTTGCTTTTAGGTTAGCGACCGAAAATATAAATGATAATCATTATTAAAGCCTTTATCATTTTTGTGGAGGA TGATATGGATACGTCACTGGCTGAGGAAGTACAGCAGACCATGGCAACACTTGCGCCCAATCGCTTTTTCTTTATGTCGC CGTACCGCAGTTTTACGACGTCAGGATGTTTCGCCCGCTTCGATGAACCGGCTGTGAACGGGGATTCGCCCGACAGTCCC TTCCAGCAAAAACTCGCCGCGCTGTTTGCCGATGCCAAAGCGCAGGGCATCAAAAATCCGGTGATGGTCGGGGCGATTCC CTTCGATCCACGTCAGCCTTCGTCGCTGTATATTCCTGAATCCTGGCAGTCGTTCTCCCGTCAGGAAAAACAAGCTTCCG GCCGGTTCCGCGCGTCGTCAGCCGGATGAAGTGCTCGATCGCGAAGCAGGTAATCGTCTGCTGCCGCGTCAGAAAAAGATCG  $\tt CCATGAACATGAACTGGTGACTCAGGCGATGAAAGAGGTACTGCGCGAACGCAGTAGTGAGTTACACGTTCCTTCTTCTC$ CACAGCTGATCACCACGCCGACGCTGTGGCATCTCGCAACTCCCTTTGAAGGTAAAGCGAATTCGCAAGAAAACGCACTG ACTCTGGCCTGTCTGCATCCGACCCCGCGCTGAGCGGTTTCCCGCATCAGGCCGCGACCCAGGTTATTGCTGAACT GGAACCGTTCGACCGCGAACTGTTTGGCGGCATTGTGGGTTGGTGTGACAGCGAAGGTAACGGCGAATGGGTGGTGACCA GAGTGGCGCGAAACAGGCGTCAAACTTTCTACCATGTTGAACGTTTTTTGGATTGCATTAAGGAGCGAGGATGAGCATTCC ATTCACCCGCTGGCCGGAAGAGTTTGCCCGTCGCTATCGGGAAAAAGGCTACTGGCAGGATTTGCCGCTGACCGACATTC  $\tt GCGGATAACCTCGCGTGTAGTTTACGCCGTCAGGGCATTAAACCTGGTGAAACCGCGCTGGTACAACTGGGTAACGTCGC$ TGAATTGTATATTACCTTTTTCGCGCTGCTGAAACTGGGCGTTGCGCCGGTGCTGGCGTTGTTCAGCCATCAGCGTAGTG AACTGAACGCCTATGCCAGCCAGATTGAACCCGCATTGCTGATTGCCGATCGCCAACATGCGCTGTTTAGCGGGGGATGAT TTCCTCAATACTTTCGTCACAGAACATTCCTCCATTCGCGTGGTGCAACTGCTCAACGACAGCGGTGAGCATAACTTGCA GGATGCGATTAACCATCCGGCTGAGGATTTTACTGCCACGCCATCACCTGCTGATGAAGTGGCCTATTTCCAGCTTTCCG TGTCAGTTCACACAACAGACACGCTACCTGTGCGCGATCCCGGCGGCTCATAACTACGCCATGAGTTCGCCAGGATCGCT   ${\tt
CAGCTTGCCTCGCTGAAACTGTTACAGGTCGGCGGCGCACGTCTTTCTGCCACCCTTGCGGCGCGTATTCCCGCTGAGATTCAGATTCCCGCTGAGATTCAGA$ TGGCTGTCAGTTGCAGCAGGTGTTTGGCATGGCGGAAGGGCTGGTGAACTACACCCGACTTGATGATAGCGCGGAGAAAA TTATCCATACCCAGGGTTACCCAATGTGTCCGGATGACGAAGTATGGGTTGCCGATGCCGAAGGAAATCCACTGCCGCAA AGAAAGATCAGATTAACCGTGGCGGCGAGAAGATCGCTGCCGAAGAGATCGAAAACCTGCTGCTGCGCCACCCGGCGGTG ATCTACGCCGCACTGGTGAGCATGGAGATGAGCTGATGGGCGAAAAAAGCTGCGCTTATCTGGTGGTAAAAGAGCCGCT GCGCGCGGTGCAGGTGCGTCGTTTCCTGCGTGAACAGGGTATTGCCGAATTTAAATTACCGGATCGCGTGGAGTGTGTGG AGGAGAGACACGATGCCTATTCCAAAATTACAGGCTTACGCACTGCCGGAGTCTCACGATATTCCGCAGAATAAAGTTG TGCCCGATGATGGAGCAGGTGATCGCGAATATTGCTGCGCTGCGCGACTACTGCAAACAGCACAATATCCCGGTTTATTA  ${\tt CGGAACAGCAAAAGGTGGTGGATCGCCTGACGCCAGATGCCGACGACACGGTGCTGGTGAAGTGGCGCTACAGCGCGTTT}$ GTGACGAGCATTTGATGTCGCTGAAATATGTGGCCGGACGTTCTGGCCGGGTGGTGATGACTGAAGAATTACTGCCAGCA ACTTTGTCATGCTGGCGAAAAACCCGACCATCGACGCCTGGTGGAAGCTACTCTCCCGCGAGGTGAAATAATGGATTTCA GCGGTAAAAATGTCTGGGTAACCGGCGCAGGTAAAGGTATCGGCTACGCCACGGCGCTTTGTTGAGGCGGGAGCG AAAGTTACAGGTTTTGATCAAGCGTTCACTCAGGAGCAATATCCCTTTGCGACCGAAGTGATGGTTGCCGACGCTGC GCAGGTCGCGCAAGTGTCAGCGACTGTTAGCTGAAACGGAGCGACTGGACGCGCTGGTCAATGCGGCGGGAATTTTAC GCATGGGCGCGACCGATCAGCTCAGTAAAGAGGACTGGCAGCAGACTTTTGCGGTTAACGTCGGCGGTGCGTTTAACCTG GCGTATTGGCATGAGTGCTTATGGCGCATCGAAAGCCGCCCTGAAAAGCCTGGCGTTGAGCGTCGGGCTGGAACTGGCGG GCCGAAGAACAGCGTATTCGCGGCTTTTGGCGAGCAGTTTAAACTCGGCATTCCGCTGGGGAAAAATCGCCCGTCCACAAGA  $\tt CAACGCTGGGGGCATAAGCATGATCTGGAAACGCCATTTAACGCTCGACGAACTGAACGCCACCAGCGATAACACAATGG$ TGGCGCATCTGGGAATTGTGTATACCCGTCTGGGCGATGATGTGCTGGAAGCCGAAATGCCGGTTGATACCCGTACTCAT  ${\tt ACTTGTCGGCTGGGTACGGCAGTTTTGGGATGAACCCGACAGAATTAGATGAGATTGCAGGAAAACTCGGTTAACGGAGTTAACGGAGTTAGATGAGATTGCAGGAAAACTCGGTTAACGGAGTTAACGGAGTTAGAGATTAGATGAGATTGCAGGAAAACTCGGTTAACGGAGTTAACGGAGTTAACGGAGTTAGAGATTAGATGAGATTGCAGGAAAACTCGGTTAACGGAGTTAACGGAGTTAGAGATTAGATGAGATTGCAGGAAAACTCGGTTAACGGAGTTAACGGAGTTAGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGAGATGAGATTAGAGATGAGATTAGAGATTAGAGATTAGAGATTAGAGATGAGAAAACTCGGTTAACGGAGTTAACGGAGTTAGAGATTAGATGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGATGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGAGATTAGATGAGATTAGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATGAGATTAGATTAGATGAGATTAGATGAGATTAGATTAGATGAGATTAGATTAGATTAGATGAGATTAGATGAGATTAGATGAGATTA$ GATCGAGTTAACATTGTTAAGTTAAATATTGGTTTCAACTCCGATTTACATGGTTGCTGTGTTGTTAAATTGTACAAAGA TGTTATAGAAACAAATGTAACATCTCTATGGACACGCACACGGATAACAACTATGAACAAATCAGGGAAATACCTCGTC TGGACAGTGCTCTCTGTAATGGGAGCATTTGCTCTGGGATACATTGCTTTAAATCGTGGGGAACAGATCAACGCGCTGTG GATTGTGGTGGCGTCTGTATCTATCTGATCGCTTACCGTTTTTATGGGCTGTATATCGCCAAAAATGTGCTGGCGG TTGACCCGACGCGTATGACGCCAGCGGTGCGCCATAACGACGGGCTGGACTATGTGCCGACGGACAAGAAAGTGCTGTTC GGTCACCATTTTGCGGCCATTGCCGGAGCAGGTCCGCTGGTGGGGCCGGTACTGGCGGCGCAAATGGGCTACCTGCCGGG ATCATGGTCATTATCCTTGCAGTGCTGGCGATGATCGTGGTGAAAGCCCTGACTCATAGCCCGTGGGGAACATATACCGT TGCGTTCACCATTCCGCTGGCGCTGTTTATGGGGATCTACCTGCGCTATCTGCGTCCGGGGCGTATTGGCGAAGTGTCGG TCATCGGTCTGGTATTCCTGATTTTCGCCATTATCTCTGGCGGCTGGGTGGCAGAAAGTCCGACCTGGGCACCGTACTTT GACTTTACCGGCGTGCAGTTGACCTGGATGCTGGTGGGTTACGGTTTTGTGGCGGCGGTGCTGCCGGTGTGGTTACTGCT   $\tt CGACGCTGACCATGCCTGCGCTGACCAAATTTGTCGATGGCACTGGCCCGGTATGGACCGGTAACCTGTTCCCGTTCCTG$ TTTATCACCATCGCCTGTGGCGCGGTGTCTCGGCTTCCATGCGCTGATCTCTTCTGGGACCACGCCGAAGATGCTGGCGAA  $\tt CGAAGGGCAGGCGTGCTTTATCGGCTACGGTGGGATGTTAATGGAATCCTTCGTGGCGATTATGGCGCTGGTTTCCGCCT$ GTATCATCGATCCGGGCGTGTATTTTGCCATGAACAGCCCGATGGCGGTGCTGGCTCCGGCAGGGACGGCGGATGTGGTC GCTTCTGCCGCGCAGGTGGTGAGTAGCTGGGGCTTTAGCATTACACCAGATACGCTAAACCAGATTGCCAGCGAAGTGGG TGAACAGTCGATCATTTCCCGTGCGGGCGGTGCGCCGACGCTGGCGGTGGGGATGGCCTACATTCTGCACGGCGCGCTGG GGTACGCGTGCTGCGCGCTTTATGTTGCAGGATCTGCTGGGCGTGGTGTCTCCTGGCCTGAAGCGGACCGATTCACTGCC TGCTAACCTGCTGGCAACAGCGCTGTGCGTACTGGCGTGGGGCTACTTCCTCCATCAGGGCGTGGTCGATCCGCTGGGCG GCATTAACACTCTGTGGCCGCTGTTTGGTATTGCCAACCAGATGCTGGCAGGGATGGCGCTGATGCTCTGTGCCGTGGTG TTGTTCAAGATGAAACGTCAACGTTACGCCTGGGTGGCGCTGGTACCAACGGCCTGGCTGATTTGTACCCTGACCGC AGGCTGGCAGAAAGCGTTTAGCCCGGATGCGAAAGTCGGCTTCCTGGCCATTGCTAATAAGTTCCAGGCAATGATCGACAGCGGCAATATTCCGTCGCAGTATACTGAGTCACAGCTGGCGCAACTGGTGTTCAACAACCGTCTGGATGCCGGGTTAACC ATCTTCTTTATGGTGGTCGTGGTGGTTCTGGCACTGTTCTCGATTAAGACGGCACTTGCGGCATTGAAAGATCCGAAGCC AACGGCGAAAGAAACGCCGTATGAACCAATGCCGGAAAATGTCGAGGAGATCGTGGCGCAGGCAAAAGGCGCACACTAAA GTCAGAGTGAGGGGGGGATGTTGGCGAATGTTGGCTTAGTGCCCAGGGTTCCCTCTCACCCTAACCCTCTCCCCGGTGGG  ${\tt GCGAGGGGACTGACCGAGCGCTTGATAGCATTTGTAGGCCGGATAAGGCGTTCACGCCGCATCCGGCACTCTTTCAGCA}$ ACATGGTTAGCGGAGGCCAAGATGTTTGATTCACTGGCAAAAGCCCGGAAAATATTTAGGTCAGGCGGCGAAGCTGATGAT TGGTATGCCTGATTACGACAACTATGTCGAACATATGCGGGTTAACCATCCCGATCAAACGCCGATGACCTACGAAGAGT TTTTCCGTGAGCGCCGCGCGCCCCCCGCGGGGAAAAGGCGGCGCGCGCTGCTGCTAAATTTGTACGTCAGGCTTTAAA GCAGGGTGTGGGCAATCACTTTGTCGATCTCCGCCTGATTATTGATATCCACTTCCAGCTCCGCCAGTGTAGTCGGCAGA TGAAAACGCTGATACGCTCCAGTTAATTGCGCCAGCACATCATCCTGACCCAGCAAGGCGCTTTGCACCAGAATTCCGTA GGCGACTTTGGTGCCGTGGAGAAACTTCTCGGTTTGCGGCAGCACGGTCAGACCGTTATGCACGGCATGAGCTGCCGCCA CACGCGTAAAACGATCGCCCAGACCACCACCACCACCACCAGCAATAATAGCATCCACCACACATCGCAAAATGATTGC GTTAACTGTTGATTTTGCTGATCGCTCAGCGCCTGTTCGCTACTGTTTAACAAGACGTCGCGAATGGCTTGCGCATTATT GATCCCCAGTCGCACGGTTAGCGGCAACGTTTCTGGTTGCGGAGCCACCACCACCGCTTCATACCATTTCGCCAGCGTGT CACCGATCCCCGCCAGCAGATATTGTTGCGGTGCATTGAGGATAATCTCCGGTTCCACCAGCACCATAAAATTGGCGTCG TCGAAAATCTCATAATGCAGCGCCTGTCCGGCATCATTATACCAGACGGAGAGCGGTGTCCAGGCGGCGCAGGTGGCGGC CGCCAATCACCACGCTGCGGTCGTCACCGGACTCAGCCGCCAGTTGTTGTACATCGCTTTCGCTGCAATGACCGCGAAAC AAAATATGCTTTGCCCCTGGCAGTCCAAACGCTGGCGGAAGTTTGGTTTGCGCCGCAGCAATGGCGCGTTTGCCGTAGAT  $\tt CCACACCGCGCGAGAAAGTTGTTCATCAGTGAAAAAATCGTGCAGGTGATTGAAACTTCCTGGATGTGAAAAGTAGTTAG$ GATTGCCAAATACTAGCATCGTGTTATAGTGCCTTCAACACGCAACTTCGTCAGGTACAATAAAAATGACAAATAACCCT CTGATTCCACAAAGCAAACTTCCACAACTTGGCACCACTATTTTCACCCAGATGAGCGCGCTGGCGCAGCAACACCAGGC GATTAACCTGTCGCAAGGCTTTCCTGATTTTGATGGTCCGCGCTATTTACAGGAGCGGCTGGCGCACCACGTTGCACAGG GGGCAAACCAATACGCGCCCATGACCGGCGTGCAGGCCTTGCGCGAGGCGATTGCTCAGAAAACGGAACGTTTGTATGGC TATCAACCAGATGCCGATAGCGATATCACCGTAACGGCAGGGGCGACGGAAGCGTTATACGCGGCGATTACCGCACTGGT GCGCAATGGCGATGAAGTGATTTGTTTTGATCCCAGCTATGACAGTTACGCCCCCGCCATCGCGCTTTCTGGGGGAATAG  $\tt CTGGTGATCCTCAACACTCCGCATAACCCCAGTGCAACTGTCTGGCAGCAGGCTGATTTCGCCGCTTTGTGGCAGGCGAT$ TGGCGCATCCGCAGCTGCGTGAGCGGCCAGTGGCGGTTTCTTCATTTGGCAAGACCTATCATATGACCGGCTGGAAAGTG GGTTATTGTGTTGCGCCAGCGCCCATCAGCGCCCGAAATTCGCAAGGTACATCAGTATCTGACCTTTTCGGTGAATACCCC GGCACAGCTGGCGCTTGCTGATATGCTACGTGCAGAACCTGAGCATTATCTTGCGTTACCGGACTTTTATCGCCAGAAGC GCGATATTCTGGTGAATGCTTTAAATGAAAGCCGGCTGGAGATTTTACCGTGTGAAGGTACATACTTTTTGCTGGTGGAT TACAGCGCGGTTTCTACCCTGGATGATGTTGAGTTTTGCCAGTGGCTGACGCAGGAGCACGGCGTAGCGGCGATTCCGCT GTCGGTGTTTTGCGCCGATCCCTTCCCACATAAACTGATTCGTCTCTGTTTTGCCAAGAAGGAATCGACGTTGCTGGCAG CAGCTGAACGCCTGCGCCAGCTTTAGCTATTTAACCGTCCAGGCGCGGAATATTGACGGTCGGCAAACAACTCTTGCAG
GCGATGCGTTGATTACGCGTACCTTCCAGACAGGTCACCGGCAAATAACCTTTTAAGCGTAATTTTAATGATGATGAGGCC TTTACCAATTTCATGGCGGTGAAAACCATCCACGATTTCCATGGCATTTTTATCCGTATGTGTGACCACAATGGGTTGGG ATAAGTTGGCTGTTTTTAACCCACAGAACGCAATCCACTGGCTCTTCACGAAAGGGGCTAACCTGATGGATCGCCATGCG GATTTCATTAATCGCTTTGATGCGATCATCTTCCGGCAAGCTGGCGAGAAATTGCGTTAAATCCTGCGTTAATCGTTGTT ATGATAATGCCCGACACCAGTAATCGTTATTGAGTAAAACTTTGCATATCCGCCGCCAGGAGGGGATATCTTTCGCGCCA TTTTCCGATGCCCATAGAAATGATTGTCATGTCCGGCGTAAATGCCGCCACTTTTTACCCCGCTGACTCGTGCGCACATA CATATGACGCAGAGGAACGCCTGCCTGATACATTAGGTTATACAGTGGGTTGCAGAGACTTTGATGATTTGCATACCAGG TCCAGATATCAGCCACTTTCCAGTCGTAAATGGGGTAAATGTACCAGCTATGACCGCCTGGTGCGGCCGTAGTCCAGGGT TTATCGTCGGCAAAACGTTGTTTATTTAAACTGGCGATGGCGACAAAACGGTTGTAGGACTCATCCGCACGGATGCCGAT GTACAACTCGCGCAGGGACTGAACATAGTTAATGGTGCAAGAGAATTGCGCCTCCCAGTCGATAAACAAAACGCAGATTT TTTTGCCCATTTGTCGGGCAAGTTCGGCTGTCAGATGCAGCATTAAACCAGAGTCTTTGCCGCCAGAAAATGAGACACAA AATAGACATCTGAAGACGCTCTCTGAACGTTACAGGGTGATCAGTGAGATAAGTCTGTTAATTATAAAGTAAACACTGTA  ${\tt AACTCTCATTTAGACGGTCAATAAATCGGGAGAACACCAAATTATTTAAAGAAGATTTATTATTATAGGAAATGTAAAGCTTT}$ ATTGAAGGTAACGGATGTTCTAGTTTTATCTCTTTTAAGTTAAGAAAGTCACGGTAGGAATTATAAAGTTCATAGGGGAC TATTCCCAGTAAATCTGTAACTGCAATGCTATTAATGATTGTCAGCAAAGAGGGAACCACGAAATGAGATTTTGCGATTCA TAAATCTCTCGTCTATTTCCATTTGAATATCATCAACCCCTGCTGATTTAGATATTAATTGGGTGAACTCTTCTGCCATA ATTTGTTCATAAGTGCTATTGTCAGTAATTCGTGGATGCCTATTACTACAAATTAGAGTATTGCGAATCGTATGCAATGG CATGCAAATGACGGAACGGCTGATCACTGGCATTTGGGTGATCACCAGATCGGCTTTGCGGTGAACCAACAGTTCTTCAG CATTCTCTGCTGACATGAGGATATCATGGCACTCAATCTCGACAGAGGAATCTTGCCGTAGGCAGCGGATCAGCATACTA TTATTAGAGCAAGAAATGAGCTGAGGGCCGTAGATAATAAAGTTTTTCTTTAGTTCGGACTTATTGACTATATTAATTGT TTGTTCAAGGCCTCTGAGATTTTTCTCAAGATGGTGATGCAGATTTAACCCTGTTGTCGTCGGCGCGATACCTTTTCCTG AGCGAATGAATAAAGGGTCATTAAATTGCGCACGTAAGCGTTGTAACGACTGGCTCACGGCTGATGGGGTGATATATAGT GATTCAGCAGCTTTGCTAATGCTTAAATGCTGGTAAATACACTCAAATATGACAAGAAGATTTAAGTCGAACTTTTTCAA  $\tt GTCGTAGAGATTGGCCATACACTACTCCGGTTATATTTTTCTTCCATGATATATTCACTTAATCAATGTTTTTTTGCGTAT$ ATATTTTTATTGATTATGTTTTTTTTGCTTAACTCAGGATTAAGTTTTTCTAAAATAGCACAGCCACTTAGGGCAGAGCGA GGCGTGACATTTGCCCCCAGATCGTCCATCAGTTTCTCATTGTCACTTAACACTTTCATTTGCTCTGTACTTACGTTTTGC AGGCACGTTTAGCTTAAGCTTGCCACCAGAGGCTTCATATTGTTGCCAGGTTTTTTGCGGGGATCTTTTGGAGGCAAGAATTG GGGCGCCTGCTGCCAGAACTGTTTACAATATGGGCAGAACGGATCGGCGAAGACGTAGACAATGACCGGCGCATCTTT TAAGTGTGTTACTCAGGTTTTCACCTTTCTCGTTGTACATGTAACCAGAGATAGCGTGCTTACCATCTGGAGTCAGGTAG ATGGTGACGCCCATATCCTGATACTTTCCGAGATAACCTTTCATTCCTCCGGGGGCATCGAATGTTTTGATGATTGTAAT GCCCTGTTTTCAATCGCTTTTACTGGAGCAGGAAGTTCCTCTGCGAAGGCGATTGCAGGAAGCAGAGCCAGTAAAAGTA TCTTTTTAACATTAATTTGTCCTTTTCAGTCAGTGCAAAAGTCGAGTAAAAGGCATAACCTATCACTGTCATAGGTAAG AGCTTAGATCAGGTGATTGCCCTTTGTTTATGAGGGTGTTGTAATCCATGTCGTTGTTGCATTTGTAAGGGCAACACCTC AGCCTGCAGGCAGGCACTGAAGATACCAAAGGGTAGTTCAGATTACACGGTCACCTGGAAAGGGGGCCATTTTACTTTTTGCATTAGCCGAATCGGCAAAAATTGGTTACCTTACATCTCATCGAAAACACGGAGGAAGTATAGATGTCCTTGATTAACA CCAAAATTAAACCTTTTAAAAACCAGGCATTCAAAAACGGCGAATTCATCGAAATCACCGAAAAAGATACCGAAGGCCGC AGAACTGCAGAAACTGGGCGTAGACGTATACGCAGTATCTACCGATACTCACCTCACCACAAAGCATGGCACAGCAGCT CTGAAACCATCGCTAAAATCAAATATGCGATGATCGGCGACCCGACTGGCGCCCTGACCCGTAACTTCGACAACATGCGT GAAGATGAAGGTCTGGCTGACCGTGCGACCTTCGTTGTTGACCCGCAGGGTATCATCCAGGCAATCGAAGTTACCGCTGA AGGCATTGGCCGTGACCGTCTGACCTGCTGCTAAAATCAAAGCAGCACAGTACGTAGCTTCTCACCCAGGTGAAGTTTCACAAATATGAAAACTCAACTCAAGGCTTACCTTGAGAAATTGACCAAGCCTGTTGAGTTAATTGCCACGCTGGATGACA GCGCTAAATCGCCAGAAATCAAGGAACTGTTGGCTGAAATCGCAGAACTGTCAGACAAAGTCACCTTTAAAGAAGATAAC AGCTTGCCGGTGCGTAAGCCGTCTTTCCTGATCACCAACCCAGGTTCCAACCAGGGGCCACGTTTTGCAGGCTCCCCGCT  $\operatorname{GGGCCACGAGTTCACCTCGCTGGTACTGGCGTTGCTGTGGACCGGTGGTCATCCGTCGAAAGAAGCGCAGTCTCTGCTGG$ AGCAGATTCGCCATATTGACGGTGATTTTGAATTCGAAACCTATTACTCGCTCTCTTGCCACAACTGCCCGGACGTGGTG CAGGCGCTGAACCTGATGAGCGTACTGAACCCGCGCATCAAGCACACTGCAATTGACGGCGGCACCTTCCAGAACGAAAT CACCGATCGCAACGTGATGGGCGTTCCGGCAGTGTTCGTAAACGGGAAAGAGTTTGGTCAGGGCCGCATGACGTTGACTG AAATCGTTGCCAAAATTGATACTGGCGCGGAAAAACGTGCGGCAGAAGAGCTGAACAAGCGTGATGCTTATGACGTATTA ACGTTTTGGTGGTCAGATCCTCGATACCGTTGATATCGAAAACTACATTTCTGTACCGAAGACTGAAGGGCAGAAGCTGG GCAGTTGAAGGTGGTCTGCATCAGATTGAAACAGCTTCTGGCGCGGTACTGAAAGCACGCAGCATTATCGTGGCGACCGG TGCAAAATGGCGCAACATGAACGTTCCGGGCGAAGATCAGTATCGCACCAAAGGCGTGACCTACTGCCCGCACTGCGACG GCCCGCTGTTTAAAGGTAAACGCGTAGCGGTTATCGGCGGCGGTAACTCCGGCGTGGAAGCGGCAATTGACCTGGCGGGT ATCGTTGAGCACGTAACGCTGCTGGAATTTGCGCCAGAAATGAAAGCCGACCAGGTTCTGCAGGACAAACTGCGCCAGCCT GAAAAACGTCGACATTATTCTGAATGCGCAAACCACGGAAGTGAAAGGCGACGCAGCAAGTCGTTGGTCTGGAATATC GAGATCGTGTCAGCGGCGATATTCACAACATCGAACTGGCCGGTATTTTCGTCCAGATTGGTCTGCTGCCGAACACCAAC TGGCTCGAAGGCGCAGTCGAACGTAACCGCATGGGCGAGATTATCATTGATGCGAAATGCGAAACCAACGTGAAAGGCGT GTTCGCAGCGGTTACTACGACGGTTCCGTACAAGCAGATCATCATCGCCACTGGCGAAGGTGCCAAAGCCTCTCTGA GTGCTTTTGACTACCTGATTCGCACCAAAACTGCATAAGAAGAAGTAAGATTCACCTGCAATTGCTTAGCCGCCGGGGTC AAACCTGGCGGCTTTTTTATGGCATTAAAAAGCCCCGCGGGATGGCTCCGGGCAGGGCGGGATACTTATTCTGGCAATT  ${\tt AACGCACAACCAGCACCGGCAGATTGGCGTGGCGGATCACGCTCGAGGCGTTAGAACCTAACAGATGGGTCGAAATCGAT}$ GGGTTGCGAGAACCAATAACTACAACATCAGCCCCCAGTTCTTCTGCCAACTCATTGACTTCATCCCGCACGCTACCAAA  ${\tt ACGGACATGTTGTTTAATGCGGGAAGGATCGATGGTGAAGTGGCTGACCATCGTTTGCAGACGTTCTTGTGCTTCATGTT}$ GCAGATGCTCTTCAAAACGACGCACATCAGCGGCAAAACGGTGCAGGCTCAGGCTGACCCGGGTAGTACGTGAAGT AGATGAATAACTCCGTCATCCTGGGCGAGGAATTCAGCGTGGCGAACAGCTTTGTCGCTCAATTCCATTTCAAATACATC AACTGGCATAATGATTGTCTTATACATAACCCTTTCTCCCTGTTAATCATGAACAAATCATTCGCCATGATTATAATATT TATCCCTGATATTTGTCTGGTTCTTTTTCCTTACGAACTGTTTCTGTGATGAATATTCTCACTGAACACCAGGAATTC AGGTTGCATGAAAGCATTGACTTATCACGGCCCACATCACGTTCAGGTAGAAAATGTTCCCGATCCGGGCGTTGAACAGG GTTAAACATGGCGATATTTTTGGTCATGAATTTATGGGGGGAAGTAGTTGAAACCCGGAAAGGACGTAAAAAATTTGCAAAA AGGCGACCGAGTGGTAATTCCGTTCGTCATTGCTTGTGGCGACTGTTTTTTCTGTCGATTGCAACAATATGCCGCCTGCG AAAATACCAATGCGGGTAAAGGCGCTCCACTCAATAAAAAACAGATACCAGCTCCAGCGGCATTGTTTGGTTATAGTCAC TTTGCTTTCAGATGATAAAGCGCTTTTCCTTTCTGATATTCTGCCAACGGCATGGCAGCAGCAAAAAATGCGCAGATCC AACAAGGTTCAAGCGTTGCAGTCTATGGTGCTGGTCCTGTGGGATTGTTGACAATCGCCTGTGCACGGTTGCTCGGTGCG GAACAGATTTTTGTTGTTGATCATCATCCCTACCGCTTGCATTTCGCCGCCGACCGCTACGGCGCGATCCCGATTAATTT TGATGAAGACAGCGATCCGGCACAGTCAATTATTGAACAAACGGCAGGTCACCGGGGCCGTGGATGCAGTAATAGACGCCG TCGGTTTTGAAGCGAAAGGCACCACCGGAAACGGTGCTGACTAACCTGAAACTGGAGGGCAGCAGCGGTAAAGCGTTG  $\tt CGTCAGTGTATTGCGGCGGTCAGGCGTGGCGGCATTGTTAGCGTACCGGGCGTCTACGCTGGATTTATTCACGGTTTCCT$ GTTTGGCGACGCCTTTGATAAAGGGTTGTCGTTTAAAATGGGACAGACCCACGTTCACGCATGGCTGGGAGAATTATTAC CGTTAATTGAGAAAGGATTACTGAAACCAGAAGAAATTGTTACCCACTATATGCCGTTTGAAGAGGCCGCCCGGGGATAT GGCGGTTTCAGGTCTGGTGAATGCGATGCCGGGGGGAACAATATGATCGTCAGGAGTGGTTTTCGAGGTAAAGGACAGCC ATGACGATAATCGCCGCCATAATCAGAAATCCTATCAGGATGTAAAATGCTTCTGCCATGGTTATTCCCACAAACGAAAC GGAATAATTTTGCAGCAAAAGTGAACAGTGAGAACCAGGAAAAATTGCTGATTTTGCGTAAAGAGGATGCGAGTGCATCC GCACCTACCGGAGCCATAACGGAAAGCTGAGTATTGCTATCGGTCATTTTTTGCCGGATACACCAGCGTGCGCACACGCAC TTTGGGCGCGATCCAACTCTGCGTTTAACGCGTCGGCGATTGGCAAACCAGCATAGGCGGGTTGCTCCAGCAGAATATCG ATGCGTTCGGCATCCAGGTCGTTAATGATGATGATGGTCTGGACATTTTTACTCCATGTCGTCGGTGCTGCGAGTGTCG CTCTTTGAAGTGATTTGCGTCACATTCAGGGAATTCCTCAATGCAGCGCATTATGTATAAATCTTAATCGCCTTGGTTTA GTCAAATACGCAGGGTTACCCTGGCACGTTAGCTTAACTGCTTTCACGTTCTCTTTTCCCCAGCTTTTGGCAAAGGCGGC  $\tt GTCAAAGTCACGGCGGCTCACTGTTTTACCGTAATTATCCGCAAGGAATTTTCCGGCTTCGCTCTCTTTAATTTCTTGAT$ TCAGGCGTACCATCGTACCGAAGTATGCGTCCGGATCAAAACCAAAGCAGGCACCGTGTTTGGCATATTCGTAGCGTTCC TGAACACATTCGGCTGGCGCGCTTCTGGTAGATTCGGGATTGGGCGATAGCGCAACCGAAGCGCATCCAGCGGCGTT GTTTCGGTTTGCAGGCGACATTCATCTCGTTCGTTACGATTTCGATCGTGTTGACTCTGGCAAAATCCGGTTTGCCAGGA GAGGGCCAGGACATAGCGATCAAAATCGCCATACTGTTTTGCCTGCAACGCTAAGGCGTTGGCAGAAGAAGAGAGGGAAGCA TTCCACATGGCGAGAATCGGCCAGCCAACCAACATAGAGATGTAAATCACCCCGAAGATTGCGCCAAGACGCCA GTAATCTTTTGATTTCACATAGCCACAGCCGTAAATAATCACCCCAGGACCGGTTGCATACGGCGTCAGACAGCCCATGA TACCGATAGACAGCACCAGCAGGATACACAGTTGTTCCATTGGTACGCCCGGAATACCTTTACCGACGGCCAGAATAACC GGCAGCATGGTTGCGGTGTGCGCAGACAGGCTGGCAAACAGGTAGTGTGCAAAGTAGAACACCAGAACCAGTACAATCAC CGTTGCGTTTGGTGAGAATCCTTCCAGGTGCGTACTCATGGTACCGGCGAACCAGTCAATAAAACCAGAACGAGTCAGGC  ${\tt CCGCCCAGGTTGCCACTTCTTCACTGTGTGTGATTTCCGGTTTGTACAGCACGTAGGAAAGCCACGGCGCAATGATAAGC}$ AAGATAACCCCAACCGGCAGGAAGCAGGGAACCACTGCAACCAGCTAATCTGGATACCGGCAATTTTGCTGACGAACTC  $\tt CAGACCCAGCACGTTTGGTGCCGCACCGGTGACAAACATGGACGAACTCAGACTGGTACTAATGACCATCATCCACATCA$ AATAGCCGCCAATACGACGCGCGGACGGATCGTTCGGGAATGATTTAAACAACGGCGGCAGGTTTTTAATGACCGGAAAA  ${\tt ACCGTACCCCGGTACGCGCGTGTTGGAAGGTGTAAACGGTGCCAGCAGAATGTCGATAATGACAATCGCATAACCCAA}$   ${\tt
CGTCAGCGTGCGTTTGCCCATGAATTTCACCAGGAAAAGGGCAATGCGACGACCTAACCCGGAAACTTCATACCCTAATGCCTAATGCCTAATGCCTAATGCCCTAATGCCCTAATGCCCTAATGCCCTAATGCCCTAATGCCTAATGCCTAATGCCCTAATGCCCTAATGCCTAATGCCTAATGCCTAATGCCTAATGCCTAATGCCTAATGCCTAATGCCTAATGCCTAATGCCTAATGCCCTAATGCCTAATGCCTAATGCCTAATGCCCTAATGCCTAATGCCCTAATGCCCTAATGCCCTAATGCCTAATGCCCTAATGCTAATGCCCTAATGCCTAATGCCCTAATGCCTAATGCCCTAATGCCCTAATGCCCTAATGCTAATGCCCTAATGCTAATGCCCTAATGCAATGCTAATGCCCAATGCAATGCAATGCAATGCAATGCAATGCAATGCAATGCAATGCAATGCAATGCCAATGC$ GCATTAAACGCTGGGTCAGCTAATTCTTTGGCATCAAAGAGCAGGTAATTACTGCCAATAACGCAAATAGTAACCGCAAT AAAACTGATCGCTGTTGCCGGAATTGGCTCGAGGATCATGCCGACAATCATTGCCACAAACACGCGAAGTAATGCCATG  $\tt CCTGCGGCGCATACCGTCGGGGACAGGGATAAGAAACATGACACCCATCACCACCAGTGGGGCCAATAGTTTCCATATA$ TTATCTTTTGCTAAAGACATACGGGTTCTCCGAAAATTAATATTTCCAAATTTATCAAGTGCTTAAATAATTAAATCTGT GGCCCCCTCGCCACCGCGCGATGCAACGTTGGTATCGCCGTTGATCGCCATCAGTAGGAGCAAGGTATCGAGCAATGCC GGCTTCACCGCGTGCGCCGGTAAGGCCAAGCTGTTGGTACAACCGTTGACCTGCCGTCAGTTGTGAATTATTGGTACGCA AGCAAACGGCCAATTGCCGCACATAGCAGCCCTAAAGAAAAAATGCTGCCTTTATGCGTGTTTACGCCCGCAGTGGCGCG GAACATATCACCTTCGCAAGCCATACCAATTGGGCGTAATCCGTGGAGTACCGCTTCTGGTGCCATTTCCGCACTACAGG GCCTCCATGCGGTTGAGTAAATCGGTCAGTTGATGGGTTTTTCCACGCGCGCAGACGGCTGCGCTTTGTTCGCACAACAG GCAGCGGCGAGGCGCAGTGAATAGTCGCGGCGGGAGAATTTCGCCTTCGGGCGTCAGGACATCGATATCCCATAACC GCCCGAGAGGATGACTATGTTCAAGCTCAATGGTGGCGAGCTTGAGGTCGCGAGCCGGGGCGGCAATGCTCAACATGCCC TCCGGCCCGCTGGCGGAAACCAGTGCAGCCTGCTCCTGAATTTGCCAGCCCTGTTTTTGCGGCTAAGGCACGCAAGGCTGT CACGCCATGATTAAAAATTCGGCGTGTGACCTCGCTGTCTTTAATCGGCCCAGGCGCAACCACGGTAAAGGAGACCAGTG GAACAGGATGGCGCTTGAGCCAGACGTGTTGCCGTGCTTTCATCCCGGCTGACGAGCAGCTCGGGAATTGATACC GCATGGTGGCTGGCGAGTTCAGGAAGCAGGTGCATGGCTTATTCCTTCACCTGATGCACAACATCGATCACCGAGCCATC GCGGTAACGCACACGGCACGCGGTCTGTGAATTCAATCGGCTGTGGTTCACCGGTCAGCAGACGCGCACGTTCGC GCAGCCACTCAATGGAAACCACTTTAATGCCCGCTTCCTGCAGACGTTCTGCCAGTTCCGGACGTGCCGGGTTAACTGCG ATACCGTGGTCTGTGACCAGAATATCGACACTGGAGCCTGGGGTGATGCAGGTCAGTACGTTATCCACCAGAGTCGGAAT GCAGTACGCCGTCAGAGCCGGTCAGCACGTTAACGTTGAACTGGGTGTCAATTTCCAGCGCGCTCAGTACCACCACGTCG AGACGATCAACCGATGCGCCTTTCGAACCCCAGTTAGCGTACTGGTTGGCGCTGATTTCGATGTGATTGGGGTTACGGGC TCGTCGCGGTAATACCGCCAAGGGCGAAGTCGGCGCGAATATCGCGGCTACGCATTTTGTCTTCCAGGAAACGGGTTACC GCCAGCGATGCGCCGCCGGTGCCGGTTTGCATGGAGAAACCTTCTTTGAAGTAGCCAGAGTTGACAATCACATCCGCAGC GCTACGGGCAATAAGCAGTTCGCGCGGGTTAGTGGTCATACGGGTCGCGCCAGCGCCGATTTTTGCAGCATCGCCAACGC GGTCAACTTTGACGATCAAATCAACCTGATCTTGCTCAATGCTTGCCGGATTATGCGGATAAGGCAGCAGTTCTTCGGTA AGCATCACGACCTGTTTTGCGTTGTCGGCATCAACTATTGCATAGCCGAGGGGGGCCGCAGCAGGCTTTACCGGTGTAGCC GTTGGCATTACCGAATTCATCACAGGACGGGACGCCGAGGAAAGCCACGTCGATATTCAGTTCGCCGCTCTGTACCAGAT  ${\tt GCACACGACCGCCGTGAGAGTCTGCACCGGTTCTGCCAGCAGACCACGGGAGATCTCTTCCGCCAGTGGACCACGC}$ AGGCCGGAGGTATAAATGCGGGTAACCACGCCCTGGCGAATGTGTTCTACCAGCGCGCATGGCAATCACTCAGGGAGCT GGACGCCAGGGTCAGGTTTTTAAAGCCCATCTTCGCGATGACGTCCATCACCATATTGACGGTCAGGTCACCGCCACGGA AAGCGTGATGGAAGGAAACCGTCATGCCGTCCTGTAAACCAGAGCGACGAATCGCTTCTTCCAGGTTGGCGCACAGTTTG   $\tt GCCGCCAGCAGGCCGGTGCTGCCGGGTTCACGACCACAGGCTTTTTCGATACGCAGGATCTCTTTTTCAATATCCAGAAC$ ATTCGGAATCCAGCGCGTTGACACGCACAATGGTTTCAATATCGCGATACAGCGGATGTTGCAGCGCGTGGTAAACCATG GTTGCTGACCATCGCGGCATTGGCACCAGGCACAAACAACATGCTGCGGCGGGTGCGAGTTTTACGTTGTTGCAGCGAAG CGGAAATCATTGGCAATCCTCCCATGGCAGAGCCGGGATACCGCTGGCGCGTGCCAGCAGGGCTTCCAGTCGTGCACGTA AAATGCAGTCCAGTGCGCCTTTGTCATCGACATTCAGCTGTACGCCGCGCACGTTGTAGCGGGCGAGAACGTCCAGAATG GTGGTGCGAATTGCATCGCCAAACTGTTTCTCAACGCTGCTATTGATTTGCAGGTCGATATCCTGCGTATCGAGTGGGGC GATGCGTATCATCACATCCCCAGACTCAAGGGTGCCTGCAACGGCGGGCTGGTTTATTTTCATTTTTCACCTGTTTCTCA TGCGGGGGTCTTTTGACGAGCTGCCGCGTCCTGGCGGGAGTGCTCAAGCAGGTTCTGCAAATAATGCAGCGTGACTGCAG GGACCAGCGGCGCGATAGCCGTGAGATCGTTTTTCGCCAGCAGTTGACGTACCCGGGAAGCGGATATCGGCATCTCCTGG GTTGTACTGGGCGGTAACGCGACAAAAGGGTTCAGTACCGACAAAGCGGTGAGTTACACCCAGCGCGGGAGCGAGGTACT GACGGAAAATCTTCAGATCAATTTCGGTGTAACAATGGTTAATGACGCTCTGTTCTTTAATGAAGTAGCAAGGGAACGTA GCGCGGGAGATGATGTATTCGGAGCCACGATGCACAGTCAGGCGTGGAATATCGGCGGTGCCTTTTAACACCAAATCCAG  $\tt CCGGTCTTCATAGGGGAAGCGTGAAGAATCTTCTTTGACTAAAAACAGATGCAACCAGTCGCACTGTGCCGCAGCCTGTT$ GAATCAGATAACGGTGACCATTCGTAAAGGGATTGGCGTTCATCACAATGCAGCCAATCTTGTTCCCTGGATGACGAAAT TTTTTCAGCGATTCGGCATAGCGTTTCAGTCGCGTGGCGCTGTTTTCCATCAGCACCATCACGCCGGGTACGCTGGTCAG TATCATTGCCGAACATAATAAATAGTATCCTGAAGGTGCATGTTGTTATCGATTTGCAACGAATGTTGTTCAATGTTGCA AACTGATAACCTTTTATTTTCACTTGGGAGAAAGGGGGTGATCGAGGTATATCTTTTTCTCCTTTCGCTATACATCCTAA AATTAATGTAATTACGAAATGACTCGCAGGTTTAAGTGATTTAATTGATTTAATGAATAAAATTTGCCACGATCATAATT AATATCTATGTATTTTGATTCAACATTTTAATTACATCCGTCAAAGAGGCTCGGGACAACCCGCAAGGAAAACAATGTTG  ${\tt CAGCTTAACGAGATAAACAGTTTGCATTTTTCCAAAGACTGGCATTTCCGCTGCGTATCTTTTTGCTGATTCTGGTGTTT}$ TGGCAATGAATCAGGCGAAAATTATTGCCTCCAATGACAGTGTCATCTCTGCGGTGAAAACGCGTGACTACAAACGGCTG GCGACCATCGCTAACAAATTACAAAGAGATACCGATTTTGATTATGTGGTGATTGGGGACCGGCACTCGATCCGCCTTTA TTACCGGGAAAGGGTCAATGGGGATGCGCGCCCAAAACGCCAATCTTTGATGACGATGGAAAAGTCATCGGCGTG GTGTCGATTGGCTACCTGGTGAGTAAAATCGATAGCTGGCGGGCTGAGTTTTTATTACCGATGGCAGGTGTTTTGTCGT GCTGTTAGGGATTCTGATGTTGCTGTCGTGGTTCCTGGCCGCGCATATCCGTCGGCAGATGATGGGCCATAGGAGCCAAAGC TACATTACCGCCATCAATCGTAACGCAAGAAAGATGCTGGGGCTGAGTTCCCCCGGACGGCAATGGTTGGGTAAACCCAT TGTTGAAGTGGTCAGGCCCGCCGATTTCTTTACCGAACAGATTGATGAAAAACGTCAGGATGTGGTGGCGAACTTTAACG GTCTGAGCGTTATTGCCAACCGGGAAGCTATTCGTTCAGGTGATGATTTTGCTGGGGGCCATTATCAGCTTTCGTAGTAAA GACGAAATTTCCACCCTCAATGCGCAACTGACGCAAATAAAACAATACGTTGAGAGCCTTCGTACATTGCGACACGAGCA GTGCAGCGCCCGGGAACTGGGGCTAAAAATGATCATTGTCCCCGGTAGCCAGCTTTCGCAACTGCCGCCAGGACTGGA AGATCGTTGAATTATTCCTCAGCGATGAAGGCGATGATGTGGTGATTGAAGTCGCCGATCAGGGCTGCGGCGTTCCAGAG TCTCTACGAGACAAAATATTTGAGCAGGGGGTCAGTACGCGTGCTGACGAGCCCGGTGAACATGGCATTGGGTTGTACTT GATTGCCAGCTACGTAACGCGCTGCGGTGTTTATCACTCTCGAAGATAATGATCCCTGCGGTACCTTATTTTCAATCT ATATTCCGAAAGTGAAACCTAATGACAGCTCCATTAACCCTATTGATCGTTGAGGACGAAACGCCGCTGGCAGAGATGCA TGCGGAATATATTCGTCACATTCCCGGATTCAGTCAGATATTACTGGCGGGAAATCTGGCGCAGGCCCGAATGATGATCG AGCGTTTTAAGCCGGGGCTAATCTTGCTCGATAACTATCTTCCTGACGGTAGAGGGATTAATTTACTGCATGAACTGGTG TGTATTTGATTATCTCATTAAGCCCATTGCCTATGAACGGCTGGGGCAAACGCTAACCCGTTTCCGCCAGCGTAAACATA TGCTGGAAAGTATTGATAGCGCCAGCCAGAAGCAAATTGATGAGGATGTTTAATGCTTATGCTCGCGGTGAACCTAAGGAC GAGCTACCGACCGGCATTGACCCCTTGACGCTAAACGCGGTGCGAAAACTGTTTAAAGAGCCTGGTGTGCAACATACGGC AGAAACGGTGGCGCAGCACTGACCATCAGCCGCACCACTGCCAGGCGTTATCTTGAATATTGCGCCAGCCGCCATCTGA TTATTGCTGAAATTGTTCACGGCAAAGTTGGCAGACCACAACGCATATACCACAGTGGGTGACATGATAAAGCCGGAGGA AACTTGCCTCCGGCATTACTATTTACTTGCCTGTGACCGCTGCTGCCGTTCCTGGCACCATCAGCTCTGTAGCAACGATA ACAATCACCAAACCAACAAGCACCGGTACCGAGGTGCGTTTTACGACTTCAAACGGCGAGATCTTCGCCATCCCGGCAAC GGTTAATGCCGGAAGAGTGCGCCAGTTTCGGGATCATCTCAACAAACGCATAAAACGGCGCATTGCCTGAACCGGTCGTG ACTGCCGCCAGCATTGTCAGAATCACCAATACCAGCATCAGGATGATACTCGCCGAACCAAACGAGGTAGCGATAGAAAT ACGCATCTGCCATCCCGCGATAAGCCACTTCCAGACCAGAGAAAACTTTCTGGGTATTAAAGCTGCGGAGGAACTCCAGAATGGAGGCAATCAGCATACAAATCACCAGAATAGTGATGTGTAATTGCGGACCCCATTTACCGTCAAAAATCAGTAC  ${\tt ACCGATGATCGCCGTGAACGCCAAAATGGCATAAAACGCAGGAGCAGTGGTGGTGATTTCACTGACATCTAACATTTCAT}$ GAGAGATGTGCTCTTTTTTATCCAGATAACGTTGCCAGAAGAAGTGGGCGATCGCCATGCCGATAATTGCAGCAATTGAG A TAGGCAGCGTCGTTTTGAAGGCGAAGTCAATCAGCGACATTTCGGAAGCTTGCGCCGCCAGCACCACCCCTGAAGTCGGTGCGAGAATAATCGCCGCCGGGGGAGGCACAAATGGCAGCAGCTGCGCCACGACTGATACCAACGTTTACCATCACCG GAAATAGGGTTGCCATCAGCAAAACACCCAGACCGGTTGCGGAAGAGACGGCCAGAGACATCAGACAGCCGACAAAATAG GATATGGGTCATGTAAGCGGCAAATCCACACAGCATCATAATCATCATGCCGAGGTCGCCGCCGCGCGCTCATTAGTAATA GCACTGATAATCAGCAATAACAGGCCACCGACAAATAACACCACCAGTGGCGGAATACCCTTTAATGATGTAGCGAGCTAC AATAAAAAATTCCTAAAGCTTAAGGAAAAAATATGCCCAATAAATTGGCGATGAATGCTGATTAAAATCAAGAAAAACTG  ${\tt CCATTAAGACATTGAAGTTGCTGTTTTTATACATAGATAACAAAACGCATATTTAGCGGTTGGCAATTATCACATAATAA$ TGTGTGCAAATTGATGGTGGATTGATGCAAATTTGTTAATTGCAATGGTGTTAGCTGCGGCTGTGCGCTCAAAAAATAAT CTAATATGAGCATAGGTTGACGATATATATATATATATCTTCGTTAAGATGATTGTTGTATCTCGTTAAAAAATAAAATAAA TTTTCCTTGATTGCATTTTGTCATCAAAAAAGACTTGGTTTTTCTTTTTTGACTATTCCCATCGCAGAAAACGACGCATC GGGTCTATTAAGGTTATGTTAATTGTAGCTTTGCTATGCTAGTAGTAGATTTTTTGATAAATGTTTTATGGTCACAAATGA ACGTGAGTAAATATGTCGCTATCTTTTCCTTTGTTTTTATTCAGTTAATCAGCGTTGGTAAAGTTTTTTGCTAACGCAGAT GAGTGGATGACAACGTTTAGAGAAAATATTGCACAAACCTGGCAACAGCCTGAACATTATGATTTATATATTCCTGCCAT  $\tt CACCTGGCATGCACGTTTCGCTTACGACAAAGAAAAACCGATCGCTATAACGAGCGACCGTGGGGTTGCGGTTTTGGCC$ TGTCGCGTTGGGATGAAAAAGGAAACTGGCATGGCCTGTATGCCATGGCATTTAAGGACTCGTGGAACAAATGGGAACCG ATTGCCGGATACGGATGGGAAAGTACCTGGCGACCGCTGGCGGATGAAAATTTTCATTTAGGTCTGGGATTCACCGCTGG CTTTTCAGATGACCTACATTCCGGGTACCTACAACAATGGCAATGTGTACTTTGCCTGGATGCGCTTTCAGTTTTGAGAC AAATGAAGTTTTAGTAACTTCTTTAAAATCAATAGCTAAAATAAGTAACATCAAAAATAACGCGACTTTTATCACTTTTT
AGTAAAGTTACACTGGACAAAGCGTACCACAATTGGTGTACTGGTAACCGACACAGCATTTGTGTCTATTTTTCATGTAA GACGGCAGCAAAGACGTGTTCGTACACTTCTCTGCAATCCAGACTAATGGTTTTAAAACTCTTGCTGAAGGTCAGCGCGT AGAGTTCGAAATCACTAACGGTGCCAAAGGCCCTTCTGCTGCAAACGTAATCGCTCTGTAAGATACGTCAGCAAGAATTC AAAACCCGCTTAATCAGCGGGTTTTTTTTTGGTCTTTAGTGTGCGGTTGAGGCCGAAAACAGCCAGAATGCCAGTGCGGTC ATGGCAAAAGACCCCAGAAGGTTGACGAAAACGTTCAGTAATGCCCAGCCAAAGCGGCCCTCTTGTAACAAAAACACCAC TTCTGCCGAAAATGTTGAGAAGGTTGTTAGACCGCCACAAAATCCGGTGGTGATTAATACTTTCCACACTGGATCAATGT TCGTCATCCTGCTGAACCATGCGAATCCTATTCCTATGATGAATGCCCCAATCAGGTTTGCTGTCAGCGTCCCCAACGGA ATCGCCTGATGCAGTGGGTTAAATCGCATACTTAACAGCCATCTCGCCACGCTTCCCGTACCACCGCCAATAAAAACTGC TAAAAGAAGTTGTAACACTGCAAAATCCTGCTATTTGATTTGTATGAGTGATAAGTGTAACGCCGAATAATCGTCGTTGG  $\tt CGAATTTTACGACTCTGACAGGAGGTGGCAATGCTGGTTGCCGCAGGACAGTTTGCTGTTACATCTGTGTGGGAAAAGAA$ CGCGCGATGATCATGATGCAGATCTATCGGTTAAATCAGCACAGCTGCTGGAAGGCGAATTCCTCGGACTTTACGGCGAG AAAGTAAACGTAACATGATGACGACAATTCTGACGATTCATGTTCCTTCAACGCCGGGGCGCGCATGGAATATGCTGGTG GCACTTCAGGCAGGAAACATCGTCGCCCGTTATGCCAAACTGCATCTCTATGATGCATTTGCCATTCAGGAATCACGCCG GCTTTCCAGAGCTGGCGCTGGCACAGGCATTACAGGGAGCTGAAATCCTGGTACTTCCTGCCGCCTGGGTTCGCGGGCCG TGACCGTTAATATTCTCTGGTTTTTAAGGCGCGTTCTGTTGCCGGTTATATGTCAAGAAGGTATCTATGGGTGAGATTAG  $\tt CAGGCTGAAAAGCTCTCTCATAAAGAGTGACGTGGCGAGCAGGACGCTCCCTCAATATCTTGTTCGATACAAAAAACCCG$  $\mathtt{CTTCAAAAAGCGGGTTTTTTATCAGACAGATGTAAGTAATTATTACAGGATTACTTAACTTCCATCCCTTTCGCCTGCAA$  ${\tt ATCGGCGTGGTAAGAAGAGGGGACAAACGGACCGCATGCAGCATGGGGTAAAGCCCATCGCCAGCGCTTCGGCTTTCATTT}$ AGACTTGGTCGGGATTTCCGGATGCGCTTCTTTAAAGCGTTCCAGCAGCTTCAGCGACCAGTTGTAATCTGCACCAGGCC GTACCTGACGGTAAATACGCGGTACGTTTTCCAGGTTATGGTTGAACACATCTGGTGGCGTTGCAGTCAGAATATCCAGA GCACGATCCATACGACCGCGGAAATCCGGCACCAGAGTTTCAATTTTGATTTGCGGGCTTTTTTCCCGAATGGCAGTAAT GCAATCCGCAAAGTGCTGGGCACCGCCATCGCGCAGGTCATCACGGTCAACGGAGGTGATAACCACATAACGCAGCGCCA TATCGGCAATGGTCTGCGCCAGTTTCACTGGTTCATTGGCATCAGGAGCTACCGGGCGACCGTGGGCAACATCACAGAAC GGACAACGGCGGGTACAAATAGCGCCGAGGATCATAAACGTTGCTGTGCCGTGGTTGAAGCATTCCGCCAGGTTAGGGCA GGAGGCTTCCTCGCAGACAGAATGCAGGCCATTTTTGCGCATTGCGGCTTTGATGCCCTGGATACGTGTAGAGTCCGCTG GAAGCTTGATTTCATCCATTCCGGCTTGCGCAGCAGGGCTTCGCGCTCTGTTGCCACGTTTTTAACCGGGATAAGGGCC TACGAAGGAAAGCGTTTCAATTCAATAGATTGTTGTAATTATCAACTATTTTTGAATTAACGACTGGCAGTATATCATTG AAACGGACCTGAAAGCAGCCAAAGCGGTCGCGAAAATGTAAAATTGTTGTTGGATTGTGCCATTTTATCGTTCTGCGCTG TGATCTGGCTGTAACAATACTTTTTCAAAATGCATTACGGATAACATCTATTACTCCGTGCAGGATGGGATCACGCAGGC TGAATTTGTTGTAGTGGATAGAGAAATCTATTTGCTCCTCATTTAAGGACGGAAAAGGCAGTTTTTCCAGCGGCCAGCAG CGGCTAAACAGGTTATAAAAAACGGCTGGGAATAATCGCTAACATGTCACTGTTGGCAACCAGTGCAGCGATTGTCAAAAT GTTGTAGCTGGTGAAATTGATTTGCCGGTCCGGAAACATTTCTTGAACTCTCTGCCGCAGACCGCTGAAATTTTGCTCTT CAAATTAACACCATATTGTCGGTGAACAGAACATGATGTTGCACCGTACGATTGGTGCAAAACATGTTATCGATGATGAG ATCGGTTTGAAACTGACTGAGTTGGTTTTCCGCGTCGCTGATGGGCGGGTTGCGCAGTAAAAGCTGCGGATAGTGAGTTT TTGCCGAGGGGGTCAGATTAAGCACTTTCGCTGCATTAACGATCCCTTTATGTACATATACAGCTTCAAAAATAGTCAGA AGGTTAAGATCAATATTTCGTAAGGTTGTAAATATTTGTGGTTTACCTTCTGACGACTTTCTGCTTAAACAGGGTTCAAT TTGATTACTATCCACGCACTTACTCCAATTTTATTCATGGAAAAATAATATTTAAAAAAATTACAATAATCTTATGTC TAATTGGAACGGACGCTTTTGCTCACCATAATCAACTATTTCAATAGGTTAATCAATGGGGTGAGTTACGGAGCAAGGC GTGGCACCGCATTTCTGCAAGTGATAAAGAAAATATACAAACGCGAAGGAGATGTAAAGCATTAGCAGATATTATGAGTA AAATATTTTCCAGTAAACGTGGAGCAATATTATTAGTCGTCGCTTCGGGTTTCCATTGTGATATTTTAGCCATTTCCATT  $\tt CCGGCATACCCACAAGGATTAATACGTAAAAATGGTGAAAGATCCATATTGACGTTTAATGCCAGACCGTGGAATGAACA$ ACCGCGTCGAATACGTAAACCCAGTGAGCAAATTTTCTTTTCCCCAACATAGACACCTGGCGCGTCAGCCCGAGGATGCG CGTTTCAGGTTAAGCAACACATACATCACCTGTTGCCCCGGCCCGTGATAAGTCACCTGCCCACCGCGATCGCTCTGGAT GCCAGATTTCATCAAGGGTACTATCATCGCGGGTATCGGTGAATTCATGCATAGCCTGGGAGATTGGCTCGTAAGGCTGA AGACCGAGCTGGCGGACAAGAATTTTATCCTGATACAAAACGGCATCTCCGTGGAGAATGAGTAAAAGTGGGGGAAAAGT ATATCACAGCGAGGAGAGGGGGAGTTACCCGACCAGGAGCCGGGTAACGGAGAGCGAGTTACAGAACCATGCGGACAATA GTTGCCTTTGCTGCTTGGTTTTACCGTTGGGGTGTAGTCACCTGGCGCATGGCGCTGTACCACTTCAACCACCTGATCAA  $\tt CCAGCTCAGGTAACGCCTGCCCCATAACTTTGTAAGTAAAAGGAGTAGGGAATTCAAGCAGTTCGTTAAGTTTGGTTTTC$ GACGGAAATTACACTTTCAAGTGTTTAATTTTTAACCAAACCAGTGATGGAACATTAATTTAATGTAATCAATGATTTTG  $\tt CCGAAGAAGTTACCTTCCGGGATTTCTTGCAACACCAGCGGGCGTTGCTCGATCGTTTTGCCATCAAGCTGGAAGTT$ GATAGTTCCGACGACCTGATTCTTTTGCAGCGGCGCATGCAATTCACTGCTGTTCAGCACATAGCTGGCTTTCAGATCTT TCATGCGACCACGCGGAATGGTCAGGTACACGTCTTTATCAACCCCTAACGAAGCGCGATCAGAATCACCAAACCAAACC  $\operatorname{GGTTCAGAGGCGAACTCTTTACCTACTTTCAGTGGGTTAACGGTTTCAAAGAAACGGAAGCCCCAGGTTAGCAGTTTTTT$ ACTTTCGGCTTCACGGCCTTTAAAAGTACGTCCGCCCATTACCGCAGAAATCAAGCGCATCTGGCCTTCAGTCGCAGAAG CAACAAGGTTGTAACCTGCTTTGTCAGTGTGTCCGGTTTTGATGCCGTCGACATTCAGGCTGTTATCCCATAACAGGCCG  ${\tt CAATGCCTGGCCGATCAGCGCCATATCTCGCGCGGAGCTGTACTGACCATCAGCATCCAGACCATGTACCGTCTGGAAGT}$ GGGTATTTTTCAGGCCCAGTGCGTTAACGTAGCTGTTCATCAAGCCAACAAAAGCGTCCTGGCTACCAGCGGCAAAAATCG GCCATGGCGACACAAGCATCGTTACCCGATTGCAGGTTAATACCGCGGATCAGCTGAGAAACCGGAACCTGCATGCCCGG TTTGAGGAACATCAGCGAAGAACCTTTAAACACCGGGTTACCGGTGGCCCATGCGTTGCCGATAGTGACTAAATCAG TTTCTTTAAATTTACCGGCTTTCATTGCCTGGCCGATAACGTAACTGGTCATCATTTTGGTCAGGCTGGCAGGATCGCGG TACACCCGGGATCATAGTTTTGATATTCAGGTCATCGGCATGTGCAGCAGAGATAAAGGCTGTGCAAAGAGCCGTGGTGA GCGCCAGGCGCTTCATGATACGAGCGGAAAAAATGGTATTCATGGTCTGAACTACGACATCCGTGATGGAATTAAAAAAG TGCCCTACTATAGCAAATGCACTACCGGCAGGCATCTGACTTTCCGCGTGACTTTGTTAACGTCATTTACAGAAATTGAC AGGTACTGGCTTCGGCTTTGCTGGCGAATGGGCCAAGCTGGATCCGCCAGACCGCCCATTTTGAGTTACGCGACCGGGG  ${\tt ACGCCGAACTTCTGTCCCAGTTGCTGTTGGTACTGTTGCGCACGAGCCTGATCGCTTACGGCCCCGACTTGCACCATAAA}$ GTTGCCGCTGGCGCTTTGCGAGACGGCTTGCGGTGTCACCATTGCAGGCGAGGTTGCAGGCGTTGTCGACGGAGCTGTAA AAGCCATACCAGGACCAGAAAGCGAACCATCCTGGGCAACAATAATCGGATCGATACGAACTTTGGTGTTGTTTGACGTG TTAAGACGGTCAGCTGCCGCGAGAAAGTGAAATAACGCGGTCGTTGCCGTAAGGGCCGCGATCATTAATGCGCACCAC GATCATTCGCCCGTTAGCCAGGTTAGTGATTCTGGCGTAGCTGGGGATCGGAAGCGTTGGATGGGCTGCCGTCAGCTGTG AATCGAGACGGATCCTGCACGATTTTGTAGCTTTTACCGTCGCGCTGGTAATCCTGATTTTGCCGTCGCGTTCAGTGGTTC GAAACGCGGGTCCGCCCCGCTAATTTCAACTATAGGGCCGTTACATACCGCAGGCTGCGGTACACTTACCGTCTGTTGCT GACCATCATCGCTTGTACATGCCGCGAGCATTCCTGCCGCGATGCAGATCCCGAGCCACTGCTTACGCATTGCGCACCTC TTACACGCTTTTCGACAACATTTTCCTGTGGGTGTGGATTGACATTACAATCCCGAACCCAGCCATCAGCACAATTAGCG  ACATAAACGAATAATATCAGCATTAAGCCGCCAGCCATGACGCGACCAAAGGTGGTTTTGCGCTCTGGCGGCTATCCACAG  $\tt CCGGAGCCAATAGCAATTTTAGACTGAATAATGTGATAGCCCGCGCCGAGTGGGTCTGATTCCGGGTCCAGGAGCATCAT$ TACGCGCTGGCGCTGGTAATCATGCATCAGGAAGAACCACAGAATCGGAATGAACGCCGCTACCAGCACTACTGCGACGC CAATCAGACGCCAGCTAAGGCCAGAGAGAGAACAGTACAAACAGACCGGAAAGCGCAACGAGGATTGATGTTCCCAGGTCA GGCTGTGCAGCCACCAGCGGGGCATAAATATCAGCACCAGCGCGATGCCAGTGTTCTTCAACGATGGCGGGCAAAC GTCGCGGTTGATAAAGCGCGCAACCATCAGTGGTACGGCTATTTTGGCAATTTCCGACGGCTGAAAACGAACAATACCGA GGTCCAGCCAGCGTTGAGCACCTTTAGAGATGGCACCGAAAGCATCTACCGCCACCAGCAAAATAATACAGATGATATAG AGATAGGGGGCCCAGCCTTCATAAACGCGTGGAGGAATTTGCGCCATCACCACCATGATGACCAGACCCATCGCGATTTG GCCGATTTTACGCTCCATCATGCCAATATCCTGACCGCTGGCGCTCCAGATAACCAGGGCGCTGTAAACCAGCAATGCCA GTAAGATCAGCAGCATTGTGGGATCGAGATGGACTTTATCCCAGAATGTTTTTTTATTCGGATTATCCGTCATGATTAAT GGTCCTCCGCTGCGCAACCGCTGGATTTTCCGCAGGCAGATCGGTGTTGTTATCACCCAGCATAATGTGGTCGAGGATC TGGCGCATCAGTGTACCAACCGCCGGACCCGCACCACCGTTCTCCAGAATCATGGCGACAGCCACTTGCGGATTGTTGTA GACCGAAGACCTGAGCGGTACCGGATTTCGCCGCAATTTTGTACGGTGCGCTAGCAAAGTATTTATGCGCCGTACCGTTA  ${\tt CGGCTGTACCCATGGCACCTGTTTGCCGTCTTCGGCGGTGCTCATCAGCAAATGAGGAACCTTCACGATACCGTCATTAA}$ TCAGGATCATCAGTGCCTTACTCATCTGGATTGGGGTCGCTGTCCAGTAACCCTGACCGATACCAACCGGAATGGTGTCA  $\tt CCCTGATACCACGGTTTTTTAAAGCGTTTCTGTTTCCATTCGCGGGTAGGCATGTTGCCGGAACGTTCTTCCGCCAGGTC$ AGAAGAAGGTATCCGCAGATTCTTCCAGCGATCTTGTGACATTCAGACGCCCGTGGCCCCATTTTTTCCAGTCACGATAA CGTTTTTCCGAACCTGGCAGTTGCCACCAGCCTGGGTCAAACAGCGTCGTATTGCGCGTGATCACCCCGGCGCTCAATGC CGAAACCGCCACATAGGGTTTAACTGTAGACGCGGGAGGATAAACCCCCTGTGTGGCGCGGGTTCACCAGCGGTGTATTCG AGCGCCAGCACCCCACCTGTACGCGGATCGGTGACTACCACAGCTGCGCGGCTACCCGCCAGCAGCGTTTCAATATTTG  $\tt CTGGAGTTTGAGATCCAGCGTCAGGTAAATATCGTGTCCGGCTTGCGGTGGTACTTCTTTTAACTGGCGAATAACACGCC$ CACGGTTGTTAACTTCAACCTCTTCATAACCGGTCTGACCGTGCAGCACATCTTCATAGTAACGCTCAATGCCCAGCTTA CACATAGCCGATGACGTCGACCCCGAACCGTAAGGATAGTAACGACGTTTATAGCCTTTAACTTCGACACCCGGAA GAACGTGCGCGCTCTTTTCGGAATGCAGCAATATCGTCATCGGTCAGATCTACCACGCTGCGCAAAGCGTCCAGCGTTTG CGAACAATTTGCAGATTATACAGGTTGGCGATAAGCACGCCGGTCAGCAGCAAAAATCCCCAAAAAAGGCGACCAGCGCCCG GCGCACAAACAGCGCGGACTCTGCCGTATAGTCGCGAAAAGAGTTCTGTAGTTTCATCCGCTGCGTTTTCTACTCAAAGC AGGGCTTGCCTGGAATATCGAGGGTGACAATGCGGTTTTTGCCTGCGGCCGCCAACATCTGCTCACCCTCTTTGTCGAGT ${\tt ACGCAGGTACTCGGTAAAACCGGTTTGTACCCAGTCCGGCATTTTCGTTCCCACGCGACAAGTTGCAGCTTCACGCATT}$ ACAATCCAGTCGGCGCTGTTTTCACCTTCTACGCCGAGCGGTAACAGGCCCGCTGCGCGAGACTCCTGCACAACGTGGTC AGCAATGGACATAACATGACGGCTGGACGTACCCGTACAGATGATCATGCAGTCGGTGATGCTGGATTTTGCCCTGAACGT  $\tt CTAAGGCGATGATGTCCTGACCTTTGAGGTCATCAATTTTGTCGATAACAAAATCCTGGAGTGCTTTACCCTGCAAGTTT$ TCCCCCTGGGTGAATCAAATAGATAAAAATGGTCTGTCAGTATACCTGAACCAGAGGCGATTTCGGGACAATTGTCGCCG  GTCGTGTCTGGCGGAAAAAGTCTGGCTGCGGAGAATATCAGCCTGCCCGGGTCTGTCAATGGTCGTTGCGGCTTACCCGT AAAAAACAGAAAAGTCATGCATTCTCGACCCCGATGGCACGCTATTGAGGACGCGTAGCGTCGCGAATTTTTGGTTGA AACAGACTCAGTACACCCTGATGGCTGACGACTAAAATATTCTGATAGTGCTGAAATTCACTAAGCCTTGCGATAAAGCG TTCCACACGTTGCGAAAATGCCTGAAATCCTTCACCGTTCGTGGGGATTGCATGCTGCCAGTCATTGCACCACGCGCTAT AGTTTTCGGCATCTTCTTGCATGAGGTCGCGATGATGTCGCATCTCCCAGTCGCCAAAAAACATTTCGTTGAGTTCAGGT ATGATTTGCACGGGGAGCTGGCGGTCACTGAGAACCAGTCGCGCGGTATGCTGTGCCCGTTCCAGTTCACTGCATAAAAC CATGACCGCTGTAAAGACCATCGATATTCGCTTGCGTTTCACCATGACGAATTAACCACAGTCGCATCATGCCCTCCGTA  ${\tt ACGACAGGTATCAGCGATACAAGCCTTGTTGGTTAATGTAAGTCAGTACCGGTTCCGGCAATAAATCCTCACATGATTCA}$ CTGAAGGTGAAGATCTTCCGGGTTATGTGTCAAATGATCTTCCAGCCATTGCTGGTATTGCGGTTGCGCCATTTCAAGTG GGTAACCTGGACGCCGACAGACGATCAAATGTGCATTGTCGAGTATCGTTTCGTATTCGTACCAGGTCGGAAAGGTCAGC AGTGAATCCTGACCAATAATAAACGCCAGCGGCACGTCCGGTCCTTGTTCCTGCCGCCACTCTTTCAGTGTTTGCGCAGT GTAAGAGGGGGCATTGCGCTTTAGCTCGCGTTCATCAAGAGTAAATAATGGCTTGTCGGCAATCGCCAGTTCAAGCATGT GTTTACGCTGCACGCTGTTCGCTTCCGGCTGGGGACGATGCGGAGGAACATTATTAGGGATGATTGTGACCCGCGTCAGA CCAATCAAATTCGCCAGCGTTTCCACGGGTTTTAGATGACCATAGTGCACCGGATCAAAGGTGCCGCCAAACAGAGCCTG TAAAGATTTCATATCAACCGTCGATAAATACGTCCGCCAGGGGTTTATGGCACAACAGAAGAGATAACCCTTCCAGCTCT GCCCACACTGACTGACCGTAATCTTGTTTGAGGGTGAGTTCCGTTCGTGTCAGGAGTTGCACGGCCTGACGTAACTGCGT
GTGGCGTATGGGCAGACTGGCGTTTCAGGTTAACCAGTAACAACAGTTCACGTTGTAATGTGCGCAACAAAATAACCGGT TCGCTGCCTTCCAGACGCAGTTGCTGAAGAATATGCAATGCGCGCTTACTTTTTCCCATCAACAAAGCATCAACCCAATG AAAAGGGGTGAAATGCGCGGCATCATTCACCGCCTGTTCAACGCGCGGTAATGTCAATTTGCCGTCTGGCCAGAGCAGCG ATAAACGCTCCAGTGCCTGAGCCAGCGCCAGCAGGTTACCTTCATAACAGTAGCAGAGCACCTGATTTGCCGCGTCATCC AGTTCTAAGTTGAGCTGTTTTGCGCGCGCAGCAACCCAGCGGGGAAGCTGAGCCTGCTCCGGTGTCTGACAGGTCACCTG CACGCTGCGATTCGCAAGCGCAGTAAACCAGGCGGCATTTTCTTGCGCTTTGCTTAATTTATTACCGCGGACGATCAACA  $\tt GCAGGTCGTCATGCAGAAGTCCGGTGAGTGTGAGAAGTTGCTCATTGATCGCCGCATTCGGTCCGTTTTCTGGTAACAAC$  ${\tt AATGGAAAAAGTGTGTTCTTCGAATCCTTGTGCCGCAGCTACCTGACGAACAGCGTCCTGGCTTTCCTGCAATAACA}$ GAGGATCGTTACCAAGTAAAAGATACGCCGCGCGCGCGCCCTTCATTGAGCTGCGCGCGGAGTTGTTCCGGGTACAACCGA ATCATCAGTTACCCAGCGTGGTGGAGACGCGTGCAGGCGTTGCCGGAGTATCCGTTGTGGTCGACGTCTGTTCTTCGTCG GAACGAATATCCGCAGCACGGATGCTTGGCAGCTTACGAATCAGCTGTTCGGCAGCACGGTCGTACATCTCTTTTACGAT AGATATCACGGCCGGGGATCAACACGGTCGCATTAACCGTCATGATCATCTGATACTCTGCTGTTTTGACCGTTACGGAAT CAACTCGACACCATTCAGACGTAACTGGTTACGCACCGCACGGCTTAATGGCCCGTTCGGATCGCCTGAGTCCAGGATCA AACAACAATGTTGCCAGATATCGCACGCTTCCTCCCGCGCTTAGCCAACGACCAGATTGAGGAGTTTACCTGGTACGTAA ATCACTTTACGTACAGTAACGCCATCAAGATATTTTGCTACCAGATGTTCCTGGCCAGCACGTTCGCGAACCTGTTCTTC TCGCTTTTTCGTCAGCAACCGGCCACGGCGCGTTGTCGATATCGCCTTCGCCTTTCAGTTCCTGCCACAGCGTGAAGCAG GGTTGGTGCTTTCGCCAGTTTGTTCATCAGCTCCATAATCGCCGCAATTGCGGTGTTGAAGGTCTGACGACGGCCGATAT GGATTCCTGCCATTCGAGAGTCATATCAGCCGGAGAAGCAAACATCATAAACAGACGAACGGTGTCCGCGCCGTAACGTT  $\tt CAACCATCACCTGCGGGTCGATACCGTTGTTCTTCGACTTGGACATTTTGCTCATGCCGGTATAAACCAGTTCATGGCCT$  GCCGTTTTCGCCAACATAGTAGAAGGCATCTGCCAGCACCATACCCTGACACAGCAACTGTTTCGCTGGTTCGTCAGAGT ATGTAGATATCCACCGGCAGCCAGTAGTTAGCCGCTTCGGAATCCAGCATACCTTCTTTGTACTGCGGGCAAGTGTAGCG CGCATAGTACCAGGAGGACTCCATAAAGGTGTCGAAAGTGTCGGTTTCACGCAGTGCTGGCATACCGTTAACGGTAGTTT TCGCCCACTCCGGATCTGCTTTAATCGGGCTGGTAATGCCGTCCATTACCACATCTTCCGGCAGGATCACCGGCAGCTGG GGCTCAGAGCCGTCAGCTGCCAGGATAACCGGTTTGATGTTCAGGCCGTATTTAGAGGCAAACTCGTAGTCGCGCTGGTC GTGCCCCGGTACCGCCATAACTGCGCCCGTGCCGTACTCCATCAATACGAAGTTTGCTGCCCAAACGGGAATTTCTTCGC  $\tt CCGTTAATGGGTGAACCGCTTTAAAGCCAGTATCGACGCCTTTTTTCTCCATCGTCGCCATTTCAGCTTCGGCAACTTTG$ GTGTTACGGCATTCGTCAATAAAGGCCGCCAGTTCAGGATTATTTTCCGCCGCTTTCTGCGCCAGCGGATGACCCGCAGC TGAAGGTGATCTCCACGCCTTCGGAACGACCGATCCAGTTACGCTGCATGGTTTTAACGGTGTCTGGCCAGTGATCCAGT TTATCCAGATCGTTGAGCAGCTCGTCAGCGTAAGCAGTGATTTTGATAAACCACTGCGGGATCTCTTTACGTTCAACTTT CAGAAGTCTTCTTATATACCAGGCCTTTTTTATACAGCTCGGTGAAGAATTTCTGTTCCCAACGGTAGTATTCCGGCGTA TTTTCAATACGCCTACAAATGTAGCGTTGAGGTGGTTTTTCAGATCCGCATAGCCAAACGTCCGCGTCAAAACA GCCTTTCGCGCACTCGACGTTGAAATGATGCCCGGATTATTCATACATTAATTTACAGAGTTTGTGGGCGTATTAGCAAA GCAAGGAACAAGGACCTCTATTATTATAGTCAGTTAACGACCCGGGAGATGAAACGATGAACAAGGTTGCTCAATATTA AGCGCGTAATAAAAACAGGGGAGTTAACGCGAACCGAGGTCGATGAGCTGACGCGAGCTGTCAGACGTGACCTGGAAGAG GGAGCTGGCAGACATCACCGATAAAACGCAGCTTGAATGGCGCGGAAGTTTTCCAGGACCTCAATCATCATGGGGTTTATC ACAGCGGAGAAGTGGTCGGGCTGGGAAATCTGGTCTGCGAGAAATGTCACTTCCCATCTCCCGATCTACACACCGGAAGTG ATAAAGAGAATATGGGCCGAATGAAATTCCCCGGCCCTTGTTTTTATCTCTACAGTAAATCTTCAGTCTCACGAATTTCC TCCGTAGTGATACATAATGGCCAGGTTATACCAGGCAGTGGCGTCATTGCATTCAGCGGCTTTCGTAAACCATTCAAAGG CAGCCTGATAATCTTTCTCAACGCCTTGTCCGTGTTTATACATATAACCGATGTTGACGTAAGCGCCGACGCTCCCCTGA GCGGCAGCCTTCAGATACCAGTACATCGCTTGCTTATAGTCCTGGTCCACCCCTTCGCCAGCGTTATAATCCCATGCAAT TTGAAACTGGGCGTGCCGATTACCCTGCTGTGCGCTTTTCAAATACCAGAATGCGGCGAGTGTCTTGTTTTGAGCAACGC AATGCCAGCGCATAGTCTTTTGCGACTCCGTTGCCATTTCTGTACATCCACCCAAGATTATTTTGCGCATAAGACATTCC GCTCTCCGCGGCTATCTGATACCAGACAACCGCTTCTTTATAATTGGGGGCTTCTCCACGATCCAGTGTCCAGCCAAGGG  $\tt CGTTGGAAGCGAAAGTATGGCCTTGTAGGGCAGCTTTTTTCAGCCAGAAGATGGCTTGCTCATTATCTTTATGACGGCTT$ TTATCCTCGGTATACTTTTGCCCTAAGGAATACTGTGCTTCACAATGACCTTGCTCAGCGGCCAGCTTCAGCCAGTAAAA GGCTTTTTCGTCGGCGAGAATCAATTGCGCTATCGCGATTATAATAAAACCCAACAATATATTGAGCCTCGCAATCGC CTTTTTCAGCACGTTCGATAATCTCATCTATTGATAAATTATCGCAGCAACTTGACGTGAAAATCATTATCATTTCCTTA TGGTTGCAGATAAAACATATTATATTTTTATGTGTTCCATTTTTGCGTAAGCCTTATTTTATGCGTATTATGTCGCGTCA GAAAAGTATAAATAAACGAGCCTCGCAATGCGGCTAATATTCATTTAATGAATATTTAAGGATAAATTATATGGACATGG AAAATGTATTTAGGTACATGCTTTTTTGACCTTTCTTCCTCATGGGGAATTGATGACCGTGATGACCTGCTGCGCACAAT TCACCGAATGATCGATAACGGTCATGCCGCTCGGTTGGCAGGGTTTTATCACCGCTGGTTTCGTTATTCGCCATGTGAAT GGCGTGACTATCTTGCTGAACTAAATGAGCAAGGTCAGGCTTATGCGCAATTTGTCGCCAGCACCGCCGAATGCTGTGGC AGAAGAAAGTCTATGGATCCAGTCGCGCATTCATCTACGGGCTCTACGTTATTATAGTAACTGGCGGCAATACTTTGCCG GTTATACCTTTGGTCGGCAATATTGGCAGTCTCCCGAAGATGATCATCTGCCTTTATTACGCGAATTCTTAGCGCGTAAA GAATACGACGATTCCGGCAATGATATGTTTTATCAATTATTTGCCAGTGATGATGCGTATTACCCTACCTTGTCCTGGCA TATAGAGGAAACGACTGACGTCGATATTATCCGCCGCGCTTATCTGGCGCTGTTACCGTCCTTTCATCCAGAAACCGATC  ${\tt CCAGAAGAATATGAGGTAGCAGAACATGAAATTCTGCTCGCCTTTCGTGCGTTACTTGCCTCTGATAGTGAACGTTTTCT}$ GCACAATCGCCATGAACACTGCCCATTTATCCTTCGAGTGCGTGGTGTTATTAGCAGAAAGATTGCGGTGGTTACAGGAG GAAAATACCGGGGAAATAGACGAAGAACTGGAATCCTTTTTATATGCCATTGCGAAGGGGAATGTTTTTAACTTCCA GACCATTCTGCATCTGCCCGTTGCCGTGCAAAATGACACCATCGATTTTTACCAAATGTTCGCTCGGATTTTGGTCATCGC ATCCACAATGGCTGACATTGTATTTAGCGCAACATCGCGCAGTGATTATCCCCGATGATGCAAAACTGCACAGAAATTTA TAATGAAGATGCGCCTTATTATGAATACGCGCAACGCGTCTATTGTGGAGAAGGCGAAAGCCTGTTGGCAGAACTTTGTG  $\tt CCATTACTGGTGATGATGATGAGCGCGTGATCTGGTTAACGATCAGGGAAAACCGCTACTTTATGTCCCCGGCGACAG$  $\tt CGCCCGTACGCGTTTTCATTTATACGAAATACTCAGCGATGAAAAACTCTCTGCGCTGGGGCGTTCACTGGTCGAGATGG$ TTTTGCACAAAGGACGTAAGCCGCGGATCTCACTCACGCGTGATACAGAACATACCTTATGGCCATTATATCTAGTTGCC AAACAATTAGTGCAGGCCTGCCAACCTACAGAAGAATCATTAATGCCGATTGTGAGCCGCCTTGATGCAGAAAATCGTTG TCCACTGGAAGCATTAATTATTCGTCGATTATTAATTCAGGCGGCGAATTTTACCGAGAAGCAAACTGTTGAACCGGAGC  $\tt CGCAACCGCAGCCAATGCCCGTTGACGATGGTGGGCCAGGCTGTCTGGGCATCATTAAAATTATTTTCTATATTTTTATC$ TTTGCTGGTTTGATAGGGAAAATACTCCATCTGTTCGGGTGACAGTCGACGTTAATGTGCGGGAAGCCCGGCAAGTAATC TTTCCGCATTTTTGTAATGTTGTTTTGGCGGTCAGTTTTAACCATTTTTGAGATTCATAATGGTTAACATTAATACCTGAG  $\tt CCATTTCTGTAGATCAAACCTAAAGTATATTGAGCATGAGCATACCCTTGTTCAGCTGCTTCTTATACCAGAGAATTGC$ AGGCGATATTGCGACGTTGAGTGACCATGAATCGCGGAAAGCTCCGTGGCTGCCGTGGTGAATGGAAGACTGCCCGGTGA GCTTAAATAATCAAAGGCATAATTCACCATGGCTTTATCACGCAACGTCGTTTTCTTGGGTTGGCTAATACAGGTAATTG GCGTCAAGTTTATACTCATCAATAATAAAAAAGTAGTCAGTTAATGCACTTAAGGGATTATTAACAAATGAATAAGGAAG AACAATATCTTCTTTTTGCGCTTTCTGCGCCCATGGAAATACTTAATCAGGGTTGCAAACCCGCGCATGACTCGCCAAAA TCAGATGACTGATGATGCCAATGATTTAGCTGGCTTATATCTGACATGGCATCGCTCTTCCCCTGAAGAGTGGA GGGGGAATCAAAGCCTGGGATTATGTTCGAATGGGGTTTCTGTCACGGGTCGGTGTGCTCAACAAGTGGCTGACGAAGA AGAGAGTTTATGGCTGCAATCGCGCGTCTATGTACGAGCTCACCATTACTATCACAGCTGGATGCACTATTTTTCCGCCT ATTCGTTAGGACGTCTCTACTGGCAATCTTCTCAGTGCGAAGACACTTCGCTACGCGAGGCGCTAACCCTGTACAAA TACGATAGCGCCGGGAGTCGTATGTTCGAAGAGCTGGCAGCGGGAAGCGATCGTTTCTATGCCACGCTTCCCTGGCAGCC ATTAACTGTCCAGTCTGAATGCCCGGTAACGCTTAAGGATGTGAGCGACCTATGAAAACATGTTGGCAAATCCTCGAAAT TGAAAGCACGACGCAAATAGACATTATCCGCCAGGCTTATCTTGCTCGCTTACCGTTGTGTCATCCCGAAACCGATCCGC GAAAAAGATGCTGCCGCTGAACATGAAATACTACGTGCATTCAGGACATTACTGGATTCAGAAAGTGATCGTTTTCAGCC TTCCGCCTGGCAGAAATTTATTCAGCAATTAAATACCTGGAACATGGAGGATGTCGATCAATTACGCTGGCCGCTGTGTG   $\tt CTGACTATGTCACTGCGTTTTTTGGCGATGGAAGGTCCGTGGTTAATTCCTGATGATGCAAAGTTACATCGCAAACTGTTG$ CGCTGGTACAGCTCGGTGCAAACAGGTATGGCGGAACTCATTCCTGTCGCTCAACAGTGGCAAACGGAAGAACCAGAAAG TTATTAGTGATGGTTATCGAAGCGCGGAGCATGGTAGATGCGCAAGGTCAACCGCTGAAATATGTTCCTGGTGAGAGCGC  $\tt CCGGACGCGGCTGTTATGGGCGGAGATTTTACATAGCGGAAAATTATCGCCGTTAGGTCAATCGTTTATTGAGTCGTTAT$ TCTTCAAGCGCAAAGCATGGGCGTGGTAGAAATCGAGAGTCGGTAGCGAGACAGAGCAAGATTCACCGTTCCTGGATTTG TATCGGGTAGCGGAACAGGTAGTACTTGAAGCGTTTCCGAAACAGAGATGCTGGCCCGTCTTAATACAAGGCTGGAAGG CGGAGATGCTCATCCATTAGAGGCCATTGTCACCCGGATGCTTTTTGACGAAAGTGAAACTCGAGCCGGAGGATGAAGATG TCGATGAGCCAACACCTGAAAATCATGAAGAAAAAATGATGAGGGTGAAAAACCACAGAGCATTACCAGCATTATCAAA ATCAGTTTAACGGTGCTGGTGATAGGTTATGCTCTCGGCAAAATCGCGATGTTGTTTAGCTGACGATGTTTTTTTGCGC GCCGAACTTCATCCACGCGGGCCATATCGTTTGACTGCAACGCCGCATCAAAATCGGTGATCACCCGGCCGATCTCTTCT CGCTCGTCACCCAGCGCCCGCGCCCACAACTCTTCCAGTTTGGCTTTAAAGGTGCGATTGATGAGCATATCGCGCGGATA AATTTTCAATGCGGATAACCGCGTCCGACTCTCTTCAATCTGCTGCGCGCTCAATGTTACCGGGCTGTGGTTAATCACTC TGGACTTAACGCTGCCGTCTTCCAGAAGCACGTCAACTTCAAGCAACCCGTTGATATCATAACTAAAGCGAATATCAATC GACTGATAAGCCCCGGTTTTCTTCAACGGCACATCGAAGGATTCCACCAGAATGTTGTTTTTTAACTTTGTGGTTTTCTCC  $\tt CTGATAGACGTTAACCGTAATTGAATCCTGTTCCGGGTGCATGGTTGAATAAGTTTCTACACGCGACACGGGCACAGTGG$ TGTTTCGTTCAATAATCGGCGAGAAAATGCCGGAAACGCCCTGGCGGTTAACTTCAACGCCCAACGAGTAAGGGCAAATA CGCCAACCAGCACCAGACTGTCGATTTGACTCGGCTTCAGACGCCGCATCGCGCAACGCCTGTTCAATCGGCACTCGCAAG CGATTGAGCAGCGCCAACCAAATCTTCCAGTTCGTTAAAATTCGCATTCCCGCGTTTCTTCCTGATACTGCCA GCGAATGTGCAATGGCGATTGATTGCTACATTTTGCCGCTTCCACACAGGCGTACAAGGCTGCCAGTTCACTCTCGTTAA GCGTGGTCCTGGCGACATCCGCGCGTTTTAAAACCTCATCGACCAGCATATGGGTAAAATCTTCGCCACCAAGAAAGTTG  ${\tt TCGCCAGCGGAGGCGTGAACTTCAATCACCGGCGTGGCGTACTCAAGCACCGTAACGTCAAACGTGCCGCCACCGAGATC}$ ACCACATCTTTAATCGGACGTTGCAGAAATTCTTCGGCATCTTCTTTTAATGAGCGTAATACCAAAGAGGACAGTTCTGG AAATATTCACCGAACTTATTTGGAATTAATTGCGCGGCACCGTCTTTCCAGACGGCAATTAAACTATTGGTAGTACCGAG CAGGTAACGCGTGGTGATCTTAATCAATGACGTGTTTAAGCGTAAAATTTCAGACGATCAGCCAGTAAATCAACAAAGC  ${\tt CCTGACGATCAACATCGACCATTACGGTGGCATTCGGTTTATTGCCTGTCAGATAATAATAATCAACAACCGTCATACCC}$ TGGGTATATTTCCCCTGTGTTTCCACGCCAACCCAGCGCTCAACAGAGGTAAATAACTCCGGTTTCAACAGCCAGGCGAT GGTGCATGGGTCATGCAGTGGTGCGCCGACAAAGCCCCATTTTTCGTCTTTATGATATTCGAGGAAGAAATCCAGCAGTT CGGCAACATGGTTGAAACAGGGTTACCAATCGCGCGGAAACGCTCGGTGTCTTCAACGTGGATTTGTGCTTTATGAGTA ACATCCAGACCGGCCATCACCACCGGGATCCCTGACTGGAAGACAATTTCTGCCGCTTCCGGGTCAACGTAAATATTAAA TTCAGCCGCAGGCGTCCAGTTACCCAGCCCCATAGCGCCACCCATAATCACGATACGGGCAATTTTGCTATGCAGTTCCG GATGGCTATTGAGCAGCAAGGCAACGTTAGTTTGCGGTCCGGTAGACACAATGGTGACAGGTTCCGCACTTTCACGCAGC GTTTTCGCCATCAGCTCTACCGCCGTACAGTTTTGCGGTGCGAATGTCGGTTCCGGTAATGCCGGGCCGTCGAGACCGCT TTCGCCGTGCACATTGTCCGCGATAATCAACTCACGCATTAACGGTTTTACCGCGCCCCCTGCTACCGGAATATCGGTGC GATTAAGCAAGGTCAGCATACGCAGAACATTGCGTAAGGTTTTTTCTGGTGTCTGGTTTCCGGCGGAAGACGTAATTGCT TTGACATCAAGCTCTGGTGAGGCGAGGGCGAGAACTATTGCGATAGCGTCGTCATGACCTGGGTCGCAATCTAACAGAAT TGGCAGTGCCATTGTTGCTCCTTGTTGTGTGCTCTTTTGCGACAGGGTAACGCCAGGATGTAACAGATACGAGGGGCGA  ${\tt AACGATAAAGCGTGAGATGGCGCGCAATTGGGTATGCGCGCCCAGAGTGATTAATGCAGGATTTTCGCGAGGAAGTCTTTT}$  GCGCGGTCCGATTTCGGATCATCGAAGAAAGCGTCTTTCGGCGAGTCTTCGACAATTTTACCCTCGTCCATAAAGATCAC
TCACGTCCAGTACTTCGTTGATCATCTCCGGATCCAGCGCCGATGTCGGTTCGTCAAACAGCATCGCAATAGGATCCATA TCAGGTTTTCGATAATCGACAGATGAGGGAACAGCTCGAAATGCTGGAATACCATCCCGACGCGGGAACGCAGCTTTGCC AGATCGGTTTTCTTGTCGTTAACCACGATACCATCGACGGTGATTTCACCTTGCTGCACCGGTTCGAGGCCGTTGACGGT TTTAATCAGCGTTGATTTGCCGGAACCAGACGGCCGCAAACCACCACCACTTCGCCTTTTTTCACTTCGGTTGAGCAGT  $\tt CGGTCAGCACCTGAAAGTGACCATATCGATTTTGAAACATTTTTCAGGGTAATCATTATGCTGTCCTTTTTTCAAGTAGC$ TGACCAACAACGACGCCTAAGACTAATAACGAAATAAACAAATCCGGCAAACAGGATCATCTCAACCTGCGTACCATCA GATGCCCTGAGTGAGCAGCAGCGCCACCATCGCGCGGAACGCCTGCGGCAGAATAATCAGTTTCATCGACTGCCAGTGAG TCATTCCCAACGCCAGCGCGCGCTCGATTGACCACGAGAAATACTTTGAATACCAGCACGGATAATCTCTGAATAGTAG GCCGCTTCAAACATCGAAAACGCCACCATCGCCGAAATTAAACGGATATCATTTTTTTGGCGATAATCCCAGCACGTTTTG CAGAAAACCCGGCACGATCAGGTAAAACCACAGCAAAACCATAACTAAAGGAATCGAGCGGAATACGTTAACGTAGGCTT TGGCAAACCACGCCACGGCCAAAGCTGGATAAACGCATCACCGCCAGCATCGTGCCCCACAAAATACCAATCACTACC  $\tt GCCGTGACGGTGATTTCAGGGTGATCACCAGCCCGTCGAGCAGATATGGCAGGGAAGGGACAATGGAACTCCAGTCAAA$  $\tt CTCGTACATTATTTGCCCCCCCATGTTGCCAGGCAGGCGAACTTTACGTTCAACCAGCGTCATCACCAGCATGATAAAAGC$ GTTAATCAACACATACGCCAGCGTAATGGCGGTAAACGACTCCCAGGCATGGGCTGAGTAATCGAGCAATTTACCCGCCT  ${\tt GCGCCGCCATATCCACCAGACCGATAGTCGAGGCGATGGCGGAGTTTTTCACCAGGTTCATCATCTCTGAGGTCATCGGC}$ GGGACGATAACGCGATAAGCATTAGGCAGCAGTACGTATCGATAAGCCTGCGGTAGCGTCAGGCCCATCGCCAGCGCGGC ATTTTTTTGCCCTCGCGGCAGCGACTGAATCGCGGCGGCGTACCTGTTCGCAAACACGGGCGGCGGTAAACAGCCCCAGGC AGAGCATGGATGAAAGGAAAAACTGAATATTGGGATCCAGCTCGGCCTTAAACCACATGCCGATTTTCTCCGGCAGCAGC TCCGGGATCACCAGATACCAGGTAAAGAATTGCACAATCAACGGCACGTTGCGGAACAGTTCGACATACAACGTACCCAG ACCAGAGAGAAAACGGTTTGGAACGGTACGTAAAATGCCGAAAAATGAACCGACGAGAAAGCGATAATCCAGGCGCAGA AAAATACCCCAGTTCCAGTCTATAGACATAAATCTACTCCAGAAAAAAGAGGGGTAGCAGCGTTAACTGCTACCCTCGAAG ATTGTTACCCAGCGTATTGCGGTTTTCAGGCCCGATGGGGAACGACCATCAGGCGTATAGTCTGTCCGTGCTACGTAACA ATCGAGAGGGCTGGAATTTCCGCCCCTGGTTCTTGTAATTAGTTCAGTGCCTTGTCATTCGGTTCTTTGAACAGTGCTTT  ${\tt CATTTCGTCTGACAGTTCGAAATTCATGTTCAGGTTTTTCGGCGGAATTGGATTTTTGAACCACTTATCAAACCATTTTT}$  $\tt CAGCAGAGCGTCATCATAAAGGCAACGGCACGACCGCTTTCCAGGGTGCGGAAAGAGTCACCGTGATCTTTGGCGC$ TGATGATGCGCATATTCATTTTTTGCTCTTCATTCAGTTTGTTGAGCAAAACTTCAGAGGTAGTGCCGGAAGTGACGACT  ${\tt AGTGTCAGAGAAAGCCGCCTGTTTTTGGCGTTCGACGTTGTTGGTGGTAGAACCACATTCAAAATCGAAAGTGCCGTTTT}$  $\tt GCAGCAGTGGAATACGGTTTTGTGAGGTAATCGGAATCAGTTTTACCTGCAAGTCCGGTTTGTTGAGTTTCTTTTTCACT$ GCTTCAACAATGGCGTTGGAGTAATCCTGCGAGTAACCCACCACTTTTTGCTGATTGTCGTAATAAGAGAAAGGCACTGA AGATTCACGGTGACCGACGACAATCACACCGTTTTTGGCGATTTTTGTCCAGAGTACTGCCCGCTGCCGGGGCGGCGTCAT  $\tt CTGCCTGTGCCAGTCCTGCGGAAAGCGCCAGGGCGAGGATTGCTGTGGCAGGTTTACGTAATTGCATATCCAACTCCTTT$  $\tt TGCCTGTTAGGGAAGGTGCGAATAAGCGGGGAAATTCTTCTCGGCTGACTCAGTCATTTCATTTCTTGAGCCG$ ATTTTTCTCCCGTAAATGCCTTGAATCAGCCTATTTAGACCGTTTCTTCGCCATTTAAGGCGTTATCCCCAGTTTTTAG TGAGATCTCTCCCACTGACGTATCATTTGGTCCGCCCGAAACAGGTTGGCCAGCGTGAATAACATCGCCAGTTGGTTATC GTTTTTCAGCAACCCCTTGTATCTGGCTTTCACGAAGCCGAACTGTCGCTTGATGATGCGAAATGGGTGCTCCACCCTGG  ${\tt CCCGGATGCTGGCTTTCATGTATTCGATGTTGATGGCCGTTTTGTTCTTGCGTGGATGCTGTTTCAAGGTTCTTACCTTG}$ GGCTGAGACAAATTGCTCCTCTCCATGCAGCAGATTACCCAGCTGATTGAGGTCATGCTCGTTGGCCGCGGTGGTGACCA

GGCTGTGGGTCAGGCCACTCTTGGCATCGACACCAATGTGGGCCTTCATGCCAAAGTGCCACTGATTGCCTTTCTTGGTC TGATGCATCTCCGGATCGCGTTGCTCTTTGTTCTTGGTCGAGCTGGGTGCCTCAATGATGGTGGCATCGACCAAGGT GCCTTGAGTCATCATGACGCCTGCTTCGGCCAGCCAGCGATTGATGGTCTTGAACAATTGGCGGGCCAGTTGATGCTGCT GGTTTCCAGCGGATAAGGTCGCCGGCCATTACCAGCCTTGGGGTAAAACGGCTCGATGACTTCCACCATGTTTTGCCATG GCAGAATCTGCTCCATGCGGGACAAGAAATCTCTTTTCTGGTCTGACGGCGCTTACTGCTGAATTCACTGTCGGCGAAG GTAAGTTGATGACTCATGATGAACCCTGTTCTATGGCTCCAGATGACAACATGATCTCATATCAGGGACTTGTTCGCAC  $\tt CTTCCTTAGGTAACATTTAGTTTGGCTAAATGTAAAGATATTGCTGTTTTATTGTTTTTTTGCGAGATGCGCCGCACC$ ATTCCGAAGCAAAATTCTTAAAATGCACTCTTTTAGTGCTACCGCTGGATTACTGTGGTGCAACTAGGTTGTACTGATGC TGTTTCAGGGTTTGCCTTGTATAACAAGCAATAGATGTGCCAAAGTTGGATAGGAGAATATTGTTATCCGGATAATGCA CTGATGCCGCATCCGGTGAGCGTGCCGAAATATGGGATGTATTCCGGCACGATAAGAAGGGATTATTTACGTCGCTGACG CAGACTCATCAACACAGCAGCAAAACAATGCCGTCAGCACCCACAGCGGCCAGTTGCCGGTACGTGCGTATGGTG TGAGTCCGGTGGTCGCCTCACGTTAGTGGTTAACACCTCGCGGGTGAACTGCGGGATCATCGCCTGAATCTCACCCTGC GGAAGTTATCGCGCACTTGCTCGCCGAGAATGATCTCGTAGCAAATAGCCGCAGTAAGCTCAATACCATTTGCCGACAGC GGCGGCTGGATATATGGCCCACGGCTGAACGACGACATCGGCAGATCAAAGAACGGTGCTAACGGACGCAGAATCGACTC  $\tt CAGCGGGACAAACTCGCCAAACGGCACCAGATGGTTTTTGTTATAGCGATCGGCTGATTCGTAGCTGTACGGCGCACCTT$ TACCCAGCGTGATGATGGTGTTGTAGGTATCGTAGCGGTTCTGCTTATTGAGACGCGCGTCGACAATCCCGGTTACCAGC GAGCTACCTTTATCACGCAACTCACCGTCCAGTGCTTTGAGGAACGGTTGCTGATTAATTTCCAGATCGGTTATCGCCGA CTCCGGCCAGATAATCAACGATGATTTGCCCATCAGCGGTGCCGTTGCGTTGTAGTAAATCTTCAGCGTATTAAGAAGCT GGCCTTCGTCCCATTTCAGCGATTGCGGAATATCGCCCTGAACCATCGAAACCTGAATGGTTTTCTCCGGTTGTGGGGTA  $\tt CAACGCCAGTGCCAGCAGCCACTAACCATCATCAGCAGGAAGTTAATGGCTTCCACGCCCATTATCGGTGCCAGCCCTT$ TTAACGGGCCATCAATCTGGCTATAGCCGAACTGTAACCACGGGAAGCCGGTCAGTACCCAACCGCGCAGAAACTCGGTC CAGTCCGGTATACAGCGACAAATACGCCGCCAGCAGCACCACCAGGAAGATGTTAACCGGGCCAGGCATTCCGCCAAAGG TCGCGATGCTGACATAGACCCAGTTAATACCGCTGCCAAAGAGGCCAAATCCCCAGCAAAAGCCAATAGCGGCAGACTGG AGTGGACGGCGGTTAAAGGTCAACGCCTGAAGCCCCATCAGCGAAATAATCGCCGCAGGCCAGACGTCGTAAGGAGAGAA GGCCAGCGTTCCGCAGGCACCGAATAATAACGCCAGCAGCAGCGGCGAATGCGCTTGCATTAATGAGGCAAAAGCCA TGTAGTTATCTATCCAGTTTTCGTTTTATTCATCCAGCTTCGGCTGGGGTGAGTCATCCGGGATTTTGACATGAACCTGA ATAATACGCCGACTGTCGGCCACTTTGAACTGGTAACCGTCGATGTCGATAGTTTCGCCACGCCGCGGAAGATG TCGTCTTCAATCTCACCAACAATCAGTTCCAGGATGTCTTCAATGGTCACCAGACCGGAAACCCCACCGAATTCGTCAAT  $\tt CCTTCAATGTGATCTTTGTCTTCGCTAATCACCGGGAAACGTGAGTGGGCGGACTCGATGATGACATCAAGACATTCGTC$ TCACCCCTTCGAGCATATCGCGCGTATCTTCGTCGATAAGGTCGTTCTGCCCGGAATCACGGATCAGCGCCAGCAGTTCG  ${\tt TCACGGTTTTTCGGTTCACCGTGGAAAAGTTGGCTGAGTAACAGGGAGAAAAATCCCTTCTTGTTGCTTATCGTGTCACTGTCACCTTCACCTT$ TAATCTCTGTTTCGAGGGCTTCCATTTCTTCTGCTCATCTTCGATGTGATCGTAACCTAACAAATGCAGACTGCCG  ${\tt AACCAGATCGCCCAGTAGCGACATTTCCATGCCAGGCGCACTTCAAACGGGAAGGAGCACGTTGGTCGGCTTATCCT}$ TACCGCGATAGGTCAGATTCAGACTGTGGCTTTCGGCGGTATCGACCACGCGAATCGTCACTTCCGATTCTTCCTGAAAC TGCGGGATCACCGCATTCAGCCATGTCTGAAACTGGCTCTCTTCCGGTAACCCGGAATTATCTTCACATGCCAGTTGTAA  ${\tt ATCGAGGATCACCTGACTCATTTTTGTTCCTGTTCTTCGCGCTTGCGTTCTGCTGCCAGCGCCGCTTTTCGTTTTTGTTC}$ GGCTTCTTCCCAGGCTTCATAGGCGTTAACGATACGCGCCACCACAGGGTGACGAACCACGTCTTCGCTGTGGAAGAAGT TAAAGCTGATCTCTTCGACATCGGCCAGCACTTCGATGGCGTGACGTAAGCCTGATTTAGTATTACGCGGCAGGTCGATC TGTGTGACGTCGCCGGTGATAACCGCTTTTGAGTTAAAACCGATACGGGTCAGGAACATCTTCATCTGTTCGATGGTGGT GTTCTGGCTCTCATCGAGAATGATAAACGCGTCGTTCAGCGTACGACCACGCATATAGGCCAGCGGTGCGACTTCAATAA TCTACTTCTGGCTTAAATCGCCAGGCAGGAAGCCCAGTTTCTCACCGGCTTCTACTGCCGGACGAGTCAGCAGAATACG CGAAGGTAATGTCATGGTCGAGAATATTGGCGATGTACTGCGCCTGGTTTGGCGTGCGCGGCTTAATTACGCCGCGTTTG GTTTTGATATTGACCGCTTTGCCGTACTCCGGCACGCTCTCCGCGCTTTTGCTCCAGTACCCGCGCTTCTTTAATCGCAAG GTGGATCTGTTCCGGTTCGATATCCTGAATCTGACCGCGCATCGGGGCAGTATCGACATACAGGCTACGCAGAATGTCTG  ${\tt TCGAGCTGCTTGATGTCATCAAACGGGCCGCACAGGCTCAACAGACGCGCATTGTCTGCTGGCTCCAGGGTGATTTC}$ GCGAGTGTCTATGTTCAAACCGTTCCTCTTATCTGTATGCCGCCGGAAGCTGAACATTCACCGGCCTATAAGGAAATTAT GGCCTGAGAATTACGGCTGATAATAACCCACGCCAAGGTCGTTTTCTTTGCGGGTACGGGCAATCACTGATTCCGGTGTT  ${\tt TCTGCCACGCGCAGACCCATTTCATCTTCAGTACGCACCACTTTACCGCGCAGAGAGTTCGGGTAGACGTCGGTAATTTC}$ TACATCGACGAATTTACCGATCATATCCGGCGTGCCTTCGAAGTTGACCACGCGGGTTATTTTCCGTACGCCCGGAAAGCT  ${\tt CCATGATGCTCTTACGCGATGTACCTTCTACCAGAATACGCTGGGTGCCGAGCATCCGGCGGCTCCACGCCATCGCT}$ TGCTGATTAATGCGCTCTTGCAGAATATACAGACGCTGCTTCTTCTTCTTCTTCTCGGAACATCATCAACCATATCGGCGGC TGGTGTACCCGGACGTGCAGAGAAGATAAAGCTGTAGCTCATGTCGAAATTGACGTCGGCAATCAGCTTCATCGTTTTCT TTACGGATGATCGCTTTGTACTCCAGCGCCGTATGGGTACGGCCCATCAGGTTCAGAATGCGATCGGAACCGCTCTGTAC AATCTCAAACAGAATATCGTCGGACGGCCTTACCTCTTCACCACGGGTGTAAGGCACCACGCAGTAGGTGCAATATT TATTGCAGCCTTCCATGATGGAGACAAACGCGGTCGGCCCTTCGGCGCGCGGTTCCGGTAGACGTCAAACTTCTCGATT CGATAATCAGGTCTGGATTCTTCTCTTTTAACAGTTTCCAGCGACCCAACTGATGGAAGACTTTTTCCTGAGCCTTCTCG TGCTCTTGCGAAATAGTAGCCAGGAATGCAGGGCGCATAGTGTAATGCTTTGCTGCCGTTGTGACCAGTATGAGCGTTAT AATTGCCATTGTCGGCGGAGGAATGGTCGGCGCGCACTGGCGCTGGGGCTGGCACAGCACGGATTTGCGGTAACGGTGA  ${\tt TCGAGCACGCAGAACCAGCGCCGTTTGTCGCTGATAGCCAACCGGACGTGCGGATCTCGGCGATCAGCGCGGCTTCGGTA}$ TCATTGCTTAAAGGGTTAGGGGTCTGGGATGCAGTACAGGCTATGCGTTGCCATCCTTACCGCAGACTGGAAACGTGGGA GTGGGAAACGGCGCATGTGGTGTTTTGACGCCGCTGAACTTAAGCTACCGCTGCTTGGCTATATGGTGGAAAACACTGTCC TGCAACAGGCGTTGTGGCAGGCGCTGGAAGCGCATCCGAAAGTAACGTTACGTGTGCCAGGCTCGCTGATTGCGCTGCAT AACTGGGCATCGCTGGTGTGTGTATGACTCTCCGGCGCGTATTCGCCAGTTGCAGAATATGAATATGGCACAGCTCCAGGC GGAAATCGCGAAGCATTTCCCGTCGCGTCTGGGTTACGTTACACCGCTTGCCGCTGGTGCGTTTCCGCTGACGCGTCGCC GTGAATCTTGGTTATCGTGATGTCGATGCCCTGATTGATGTTCTGGTCAACGCCCGCAGCTACGGCGAAGCGTGGGCCAG TTATCCTGTCCTCAAGCGTTACCAGATGCGGCGCATGGCGGATAACTTCATTATGCAAAGCGGTATGGATCTGTTTTATG  $\tt CCGGATTCAGCAATAATCTGCCACCACTGCGTTTTATGCGTAATCTCGGGTTAATGGCGGCGGAGCGTGCTGGCGTGTTG$ AAACGTCAGGCGCTGAAATATGCGTTAGGGTTGTAGCCTTACAACATTGCCGGATGCGTGCCAACCGTAGGTCGGATAAG  $A \verb|AGCTCGCCGAAGCGAGCTTTTTTAATGTGGCTGGGGTACGAGGATTCGAACCTCGGAATGCCGGAATCAGAATCCGGT$ GCCTTACCGCTTGGCGATACCCCAACTGGGTGCACTTACAAGGTAAGCGTCTTGAATAAATTGGCTGGGGTACGAGGATT  ${\tt ACCAACTGAGCTACGTAGCCAGATTGTTTCTTCGATGGCTGGGGTACCTGGATTCGAACCAGGGAATGCCGGTATCAAAA}$ ACCGGTGCCTTACCGCTTGGCGATACCCCAATAACCGGGCGGTGAACCGCTTACTCGAAGAAGATGGCTGGGGTACCTGG ATTCGAACCAGGGAATGCCGGTATCAAAAACCGGTGCCTTACCGCTTGGCGATACCCCATCCGTACAACGCTTTCTGGTG AATGGTGCGGGAGGCGAGACTTGAACTCGCACACCTTGCGGCGCCAGAACCTAAATCTGGTGCGTCTACCAATTTCGCCA  $\tt CTCCCGCAAAAAAAAGATGGTGGCTACGACGGGATTCGAACCTGTGACCCCATCATTATGAGTGATGTGCTCTAACCAACT$ GAGCTACGTAGCCATCTTTTTTTCGCGATACCTTATCGGCGTTGCGGGGCGCATTATGCGTATAGAGCCTTGCAGCGTC AACCTCTTTTCAAGGAAAATTGCTCGAAAGTGACTGTTTGGTTAGGTTGCGAACAGCGTGGCGCTATATTCGTCAATTA TTGTTTACTTTGTGTTTTTTCCCACCCTACAGCCATTCTTTTGTCATACAGGATGAAATTCGGAATTTAACAATAGTGGT GGGAAATTAATCTATGAAATACTGGCCTACAGTGATGAGTTGTCAAACAGTGATGTGGCAAACCCGGAACATTTCCTTAC  ${\tt GCGGAAGACAAGCGACGGAAGGACCGCCCGGCACGCACTCAGCGGCGCTCGGAAGCGGGAATAGTTCTTCAAAGATCTC}$  ${\tt CCGATACAAGTACGCTTCTTTAGAGGTTGGCGTGTTGTACGGGAAGCGGAAGCGGGCAGTTTCCAGTTGCTGATCAGAAA}$ GCCACGCTTGCAGGCAGATACGCTTCAAAACATTCACGCAGGATGTGTTTTTCCATTTTGCCGTTACCGCACATTTTATC TTCGGTGCTTTGTGGAAGTAAAGATAACCGCCGAACACTTCATCAGAACCTTCACCGGACAGCACCATTTTAATGCCCAT  $\tt CGCCTTGATCTTACGCGACATTAAATACATCGGTGTTGAAGCGCGAATAGTGGTCACATCATAAGTTTCGATGTGGTAAA$ TCACGTCGCGGATGCCATCCAGACCTTCCTGTACAGTGAAGTGAATTTCGTGATGCACCGTGCCCAGATGGTTTGCCACT TCCTGGGCTGCTTTCAGATCCGGTGAACCCGGCAGACCTACAGCAAAGGAGTGTAACTGCGGCCACCAGGCTTCAGAGCG TTCCTGATCTTCCACGCGACGGGCTGCGTATTTCTTGGTGATAGCGGAAATAATTGAGGAATCCAGACCACCAGAAAGCA GCACACCGTAAGGCACATCAGACATCAGATGGCTTTTAACTGAATCTTCCAGTGCCTGACGCAGCTCGTTTTTGTCGGTC ACGTTATCTTTCACCGCATCGTAGTCGAACCAGTCGCGATGATAGTAAGAACGGATTTCGCCGTCCTGGCTCCACAAATA GTTCGTCATACCCCATATACAGTGGGATGATCCCCAGATGGTCGCGACCAATCAGGTAGGCATCTTTTTCGCTGTCGTAC AGTGCAAAGGCAAACATGCCCTGCAAGTCGTCGAGAAATTCCGGCCCTTTTTCCTGATACAGCGCGAGGATCACTTCACA AGAATGGCGTTATCGCTGGCATAAATACCGGACCAGTCCGGGCCACGATGACGCATCAGGCGTGACAGCTCGAGGGCTTT CTTACGCAGCTCAACTGCGTCTGTTTTGATATCGAATACGCCAAAAATTGAACACATAACCTTCTCCGTTAACCTGGTAT TTGTTGCTTGTTGTTTTAAAAAAATGCCGCAAAGCACTGTGCGCAAGCGATTTGGCGGTGAAAAAATA ACGCCTTATCCGGCCTACAAAAGCATGAAAATTCAATATATTGCAGGAGCTGCGTAGGCCTGATAAGCGTAGCGCATCAG GCAGTTTGGCGTTTGTCATCAGAGCCAACCACGTCCGCAGACGTGGTTGCTATTCAGATAACGTCGATTTCAGCGACTGA  $\tt CGGGTAAATCCAGCTGGGGCGGAAAGGCATACTGTCGATATCGTCGAGCGACGAAACACCAGAAAGCACCAGAATCGTCT$  $\tt
CCAGACCTGCCTGGAAGCCGGCCAGAATATCGGTACGCAGGTTATCGCCGACAATCACCGTTTCTTCCGAATGCGCCTGC$ ATTTTGTTTAATGCTGCGCGGATGATCCACGGGCTGGGCTTACCAACATAGAACGGTTTGCGCCCGGAGATTTTCTCAAT  $\tt CCCTGCACACGCGCCACAAGCGGGGATAAAAACCGCGCCCGTGGGTGTCCGGATTGGTGGCGATAAAACGTGCACCGT$  TAGCGACGAAATAGGCTGCTTTATGCATCATGTCCCAGTTGTAGGAACGCGTTTCGCCAACAATCACGAAATCAGGGTTC  ${\tt ACATCGGTAATAGTGAAACCGGCTTTGTACAGTTCATGAATCAGTGCGCCTTCGCCCACCACATACGCTTTCTTGCCTTC}$ AGCGGTTCGCCAGATCTTGCCCAGTCTGCGAAGGATAGTTGGTCAGCAACACCAGCGGCAGGCCTTTATCCATAATCCCG TGCAAAAATTCCGCTGCACCCGGTACGGCGACGTTATCGTGCATCAGCACGCCGTCGATATCGCAAATTACATTTTTAAT GGTCATGGACTACCCAGAATATTGACAACAATAAGCGCCACTATAAAAGCACATTAATTTTCCAGCAAATGCTGGAGCAA GCAGATTAGTGCGAAACGCCTTCAGCGCCTGGGTATTAATGCAGCTTTCAATAGCAGGGAGCACTTTATCGGCTTCG GTGATTTCACCGGCAATAACAATTTTTTGCGGATTAAATAAGTTGATAGCAATGGCGATGGTTTTACCCAGATGACGACC GACATACTCAATTACTTCCGACGCCAGACTATCGCCTTTGTTCGCGGCTTTGCAGATAGTTTTGATGGTGCAGTCGTCCA GCGGCACGCGGCTCTGGTAGCCCTGCTTTAACAGATTCAACACCCGTTGTTCAATGGCAGCGTTGGCAGCGATAGTTTCC AGGCAGCCAAAGTTGCCGCAGTGGCAGCGTTCACCCAGCGGTTCGACCTGAATATGGCCAATTTCACCGACGTTGCCGTT GCGGCCAATAAAAATGCGCCCGTTAGAGATAATCCCGGCCCCGGTTCCGCGATGGACACGCACCAGAATGGAGTCTTCGC AATCCTGACTTGCACCGAAGTAGTGCTCCGCCAGCGCAGACTACGGATATCGTGACCAACGAAACAGGTCACTTTAAAA AACAAGCCCTGGCAGGATCACCGAAATCGCGATCAGCTCGCGCAGTTTGCGCTGGTAGCTATCAATAAACTGAGCAATGG AGATCAAACAGAGTGATGGTGGCGTCATGACGACCAAGCCGTACGCCGATTGCGTGGAAATTGCGGGTTTCGGTGACGAT GGAGATAGCGCGGCGCCCCGGTGGAGGCCTGCTGATCAACTTCTTTGATCAGCCCGCGTTCGATAAGCTGACGCGTAA  ${\tt CGATAAACCGCCGCGCTGTTAAGCTGTTTTACGAGATCAACATTACCTATCTGAGCTTGTCCGCCTGGTGTCATACTTTC}$ TCTTATTGAGTTACGACCTCGTTACCGTTAACGATGGTCTTGGTGATTTTAAAATCAGGTGTGAATGCAGGTCAGGTTGGC TACTTTACCTGCGGCGAGTGTGCCGAGACGTTTCTCAACGCCAATCGCACGCGCCGGATAGAGCGTCGCCATACGTAGCA  ${\tt CCGTTCTCATCCACACAAAGTCCGTTACGGTAGTATATTGTTTTACCCGCAAAAATGAACTGTTCAATGTTGGCACCTGC}$ TGGCGCGGTGGCGTCAGTAACCAGACACGTTTGTCGCCTTTCAGACGTTTAGCGTTGCGAATGTTGGCGTAATCAACAT ATATACGGCATCGCGTTGTACAGATGGGTGGCAAAGGTAATCCCCGCGGGGAAACCGGCTTTTGCTTCTTTCAACGTCGC GTTGGAGTGACCGCCAGAACCACAATCCCGGCATTTGCCAGTTTGCTGATGACTTCCGCAGGAACCATTTCCGGTGCCA GGGTCACTTTGGTAATGACGTCGGCGTTTTCACACAGGAAATCGACCAGCGCGCATCAGGCTTACGCACAAAATTCGGA TTATGGGTGCCTTTTTTTACCAGATTCAGCCACGGACCTTCCAGATGCAGACCTAACGCCTGATTCCGGATGTTTTGCCAG CAGTTCCGCTACCGGACAGACGCTTTTAATCAGGCCATCAGCGATAACAACCGCGTGGTCATCAAGAAATTCGTGGCCGG TAAAGATCCGGCCCTGGGTTAATGCATACATTCTGACCCCCGATTTTAAAAAATATTGCCCTGAGCAAGGAGCCAGGGCA GGGATAACAATTACAGACCTTTGATATTTTCTGCTTCTAATTCATTGAAATATCTTAAAGTCTTAACTTTCAGCTCCATG  $\operatorname{GTGGAAGGTTCATCGCACCATGATCGCTTTCGGATGCAGTTGCAGACAGCTGATGGTCCACATATGGTTCACGCAACC$ TTCAACGGCGGCCTGCAGCGCCAGTGCTTTCTGGCTACCCAGCACCAGAATCATCACTTCTTCGGCATCCAGCAGTGTAC CAACACCGACAGTCAGGGCATATTTTGGCACCTGATTAACATCGTTATCAAAGAAACGAGAGTTTGCGACGCGAGTGTCA TGAGTCAGGGTTTTGATACGAGTACGAGAAGCCAGAGAAGACGCCGGTTCGTTAAATGCAATATGACCGTCGTTACCTAC ACCGCCCATAAACAGATGAATTTTTCCGTAAGAACGGATTTTTTCTTCATACTGGCGGCACTCGGCGTCGATATCCGGGG TTTATGCATTTCGACTAACGCTTTATAGGTGGTCATCGGCGTGCCGCCAGTCGGCAGGCCCAGTACAAACGGACGATCGG ATCAGTCTCATTATTCACCTCAATAAGTAAAATGTAAGCCGTTGGCGGATTAGGCATCTTTAAGCGTAACCTGGATTTGC GCAGACAGGCGTCAATCCGACCTGATTTTTTGAATGATAAAATAAGTTTTCTGGTTTAGCCAGTAAAAGGGGAGTGATAAT AACGATATTTGGTGACAAAACTCACAAAAGACACGCGTTTAATTTGCGATACGAATTAAATTTTCACACACTCTGTAGCA GATGATCTAACAATCTGATTACAGAACATCGGCAGTACAATTTGCAGCAAAATAAAAATACGGCTTGAAACGAGCCAAAT TGCGATTTTTGATAACCTCGCATTAATCTTCGCCATCGGTGTGGCATCCAGCTGGTCGAAAGACAGCGCTGGTGCGGCGG  $\tt GCGGGTATCATTACCGGTCTGGTTGGTGGCGCAGCCTATAACCGTTGGTCCGATATTAAACTGCCGGACTTCCTGAGCTT$  $\tt CGCGGCGGGTACGGTTTTCCACGGTGACATTAACCGCTTCTATGCCGGTGACGCCACCGCGGGGATGTTCATGTCCGGCT$ TCTTCCCGATCATGATGTTCGGTCTGCCGGGTGCGGCGCTGGCGATGTACTTCGCAGCACCGAAAGAGCGTCGTCCGATG GTTGGCGGTATGCTGCTTTCTGTTGCTGTTACTGCGTTCCTGACCGGTGTGACTGAGCCGCTGGAATTCCTGTTCATGTT  $\tt CTGCTGGTGATGGGCGTTATCTTCTTCGCTATCTACTTCGTGGTGTTCAGTTTGGTTATCCGCATGTTCAACCTGAAAAC$ GCCGGGTCGTGAAGATAAAGAAGACGAGATCGTTACTGAAGAAGCCAACAGCAACACTGAAGAAGGTCTGACTCAACTGG TATTCAGGTGATTGTTGGCGCGAAAGCAGAATCCATCGGCGATGCGATGAAGAAAGTCGTTGCCCGTGGTCCGGTAGCCG GAGCTGGTATCGCCGATTACCGGTGATGTCGTGGCACTGGATCAGGTTCCTGACGAAGCATTCGCCAGCAAAGCGGTGGG TGACGGTGTGGCGGTGAAACCGACAGATAAAATCGTCGTATCACCAGCCGCAGGGACAATCGTGAAAATCTTCAACACCA ACCACGCGTTCTGCCTGGAAAACCGAAAAAGGCGCGGAGATCGTCGTCCATATGGGTATCGACACCGTAGCGCTGGAAGGT  ${\tt AAAGGCTTTAAACGTCTGGTGGAAGAGGGTGCGCAGGTAAGCGCAGGCAACCGATTCTGGAAATGGATCTGGATTACCT}$ GAACGCTAACGCCCGCTCGATGATTAGCCCGGTGGTTTTCCAGCAATATCGACGATTTCAGTGGCTTGATCATTAAAGCTC AGGGCCATATTGTGGCGGGTCAAACACCGCTGTATGAAATCAAAAAGTAATCTGCTTTATGCCTGATGCGACGCTTTGAGC ATTATCAATTTTAAAAAACTAACAGTTGTCAGCCTGTCCCGCTTATAAGATCATACGCCGTTATACGTTGTTTACGCTTT GAGGAATCCACGATGAGTGAGGCAGAAGCCCGCCCGACTAACTTTATCCGTCAGATCATCGATGAAGATCTGGCCAGTGG TGAACTTCGGGATCGCCCAGGACTATAAAGGCCAGTGCAACCTGCGTTTCGACGACACTAACCCGGTAAAAGAAGATATC GAGTATGTTGAGTCGATCAAAAACGACGTAGAGTGGTTAGGTTTTCACTGGTCTGGTAACGTCCGTTACTCCTCCGATTA TTTTGATCAGCTCCACGCCTATGCGATCGAACTGATCAATAAAGGCCTGGCGTACGTTGATGAACTGACGCCGGAACAGA TCCGCGAATACCGCGCACCCTGACGCAACCGGGTAAAAACAGCCCGTACCGCGACCGCAGCGTTGAAGAGAACCTGGCG TATCGTGATGCGCGATCCGGTGCTGTACCGTATTAAATTTGCTGAACACCACCAGACTGGCAACAAGTGGTGCATCTACC TCTGGAATACACCGTGATGTCCAAGCGTAAGTTGAACCTGCTGGTGACCGACAAGCACGTTGAAGGCTGGGATGACCCGC GTATGCCGACCATTTCCGGTCTGCGTCGTCGTGGTTACACTGCGGCTTCTATTCGTGAGTTCTGCAAACGCATCGGCGTG ACCAAGCAGGACACACATTGAGATGGCGTCGCTGGAATCCTGCATCCGTGAAGATCTCAACGAAAATGCGCCGCGCGC AATGGCGGTTATCGATCCGGTGAAACTGGTTATCGAAAACTATCAGGGCGAAAGGCGAAATGGTTACCATGCCGAACCATC  $\tt CGAACAACCGGAAATGGGCAGCCGTCAGGTGCCGTTTAGCGGTGAGATTTGGATTGATCGCGCCGATTTCCGCGAAGAA$ GCTAACAAGCAGTACAAACGTCTGGTGCTGGGTAAAGAAGTGCGTCTGCGTAATGCTTATGTGATTAAGGCAGAACGCGT CGAGAAAGATGCCGAAGGTAATATCACCACCATCTTCTGTACTTATGACGCCGATACCTTAAGCAAAGATCCGGCAGATG GTCGTAAAGTCAAAGGTGTTATTCACTGGGTGAGCGCGGCACATGCGCTGCCGGTTGAAATCCGTTTGTATGACCGTCTG TTCAGCGTGCCTAACCCAGGTGCTGCGGATGATTTCCTGTCGGTGATTAACCCGGAATCGCTGGTGATCAAACAGGGCTT TGCTGAACCGTCGCTGAAAGATGCGGTTGCGGGTAAAGCATTCCAGTTTGAGCGTGAAGGTTACTTCTGCCTCGATAGCC GCCATTCTACGGCGGAAAAACCGGTATTTAACCGCACCGTTGGGCTGATACCTGGGCGAAAGTAGGCGAGTAATTT TAAGTTTCGCTATGCCGGATGGGGCGTTTACGTCGCATCCGGCAAGGAACAGACAACAGTTTCAAACGCTAAATTGCCT GATGCGCTACGCTTATCAGGCCTACATGATCTCTGCAATATATTGAGTTTGCGTGCTTTTTGTAGGCCGGATAAGGCCGTTC ATTCCGCTTCGCAATTTATCCATAAAATAAAATTAAAATAACAAAACATAATTAAAATAAAATGTAACCGCTTTCATCTTG CTGGAATTTCACGCTTTTATTCTTCTGCAAGCCTTTCAACCGCAAACTTAAGCCTTGTAACAAAAATCATCAAAAATATGT GCGGTTGCTCATGTTCTTACATTCTGGTTACAGAAAGAGATTGATAATTCGCGTCGCGAAAAATAGTCTGTTCCTGTAGT AGAGGATTAACCCATGCGTACGTTTAGTGGCAAACGTAGTACGCTGGCGCTGGCTATCGCCGGTGTTACAGCAATGTCGG GCTTTATGGCAATGCCGGAGGCTCGCCCGAAGGATTCATCGACGATTCAACCTTAACCGGCGGTATCTATTACTGGCAG GCGACAGCTCCCACCCGAACGAAATCGCGTTTTCAAAAAGTAATAAAGCCTATGACGAAGACTGGTCCGGCGACAAAAGC GGTATAAGCCTGTATAAAGCTGCGGCCAAATTTAAATACGGTCCGGTTTGGGCGAGGGCAGGTTACATTCAGCCAACTGG TCAAACGCTGTTAGCGCCGCACTGGAGCTTTATGCCAGGTACTTATCAGGGGGCGGAAGCCGGGGCGAATTTTGATTACG  $\tt GCGATGCTGGTGCGTTGAGTTTCTCCTACATGTGGACCAACGAATACAAAGCGCCCGTGGCATCTGGAAATGGATGAGTTT$ TATCAGAACGATAAAACCACCAAAGTTGATTATCTGCACTCCTTTGGGGCGAAATACGACTTCAAAAATAACTTCGTACT GGAAGCGGCATTTGGTCAGGCGGAAGGGTATATCGATCAATATTTTGCCAAAGCCAGCTACAAATTTGATATCGCCGGTA GGCTGACGGTCAGCAGGGATACTTCCTGCAACGTATGACTCCAACCTACGCTTCCTCAAACGGTCGCCTGGATATCTGGT GGGATAACCGTTCTGACTTCAACGCCAACGGCGAAAAAGCGGTCTTCTTCGGTGCGATGTATGACCTGAAAAACTGGAAT GTACTACGACAAAAACCGGACTATTGAAGAGTCTGCCTACAGCCTGGATGCGGTCTATACCATTCAGGACGGTCGCGCCA ATCTTCCAGGATGACGTGACATTTATGGTAATCGCACCATTCACCATCTTCTGATGCCCGACGCGGCAGGTTTT GTGCCTGCCGCACGTTTGAGGAATTTGCTATGAAAAAACTGATTCTCATCGCCATAATGGCATCGGGGCTGGTAGCTTGT GCGCAATCAACCGCGCCACAGGAAGACAGTCGTCTGAAAGAGGCATACAGCGCCTGTATCAACACCGCACAAGGTTCGCC GTGTACGCGTACTGGATTATCAGCAGTGTCTGCGTGCAACGCAAACCGGAAATGATCAGGCGGTGAAAGCCGATTGTGAT AAAGTCTGGCAGGAAATACGCAGTAATAACAAATAAGTGAGAGCTGTAACTCTCGCTTTTCTTATTTCCCTTGCATAAAA GCTTCGATGGAATCATCACTAAATTCGATAACCTTGCCGCAGTCGAGGCAGATCAGGTGATCGTGGTGATGTTGCTGTGT CAGTTCAAATACGGATTTACCGCCTTCAAAATTGTGGCGGGTGACGATACCAGCGTCGTCAAACTGGTTCAGTACGCGAT ATACCGTAGCCAGACCAATTTCTTCACCCATATCGATCAGACGTTTGTATAAATCTTCCGCACTGACGTGATGGTTGTCC AGTCATGCGGAATCTGTCCTGTTACTAAGCGGTTCACTTCATTAGAAGAAGTGACAGAATTTGCTCTTGAGATAATGCGT ATCATTATAGAATTGCCACGCCTAAATGAAAACCACAGTCCCTGGCAAATATTGTTAATAAAAAACGTGGCACAGCTTAC  ${\tt ATTTACAACGGCAAGGCCACTTGAACACCGGGACATTGTACAGGTACAACAGCAAAAGTTACAAATTTGTAGCAATTATT}$ TTGATTGGCATTATCTATTAATACGGCGTAGACATGAGTCTACGCCGCATCACATCAGGCATTGAGAATTTCGTCGAGAT GCAACTCTTCAGAAATCTGTTTAACCCATTTTTCTACACGTTCAGCGGTCAGTTCCGGCTGACGGTCTTCGTCGATAGCC AGACCGACAAAGTGGTCGTCATCTGCCAGACCTTTTGATGCTTCGAAATGATAGCCCGCAGTTGGCCAGTGACCAACGAT GGTTGCACCGCGCGGTTCAATGATGTCGCGGATGGTGCCCAATGCGTCGCAGAAATATTCGGCGTAATCTTCCTGGTCAC GCTTCGCCGTAATACCAGGTTGGGATGCCCAGCAGCAGCATGTCATAAGCTTCCAGATCTTCTTTGCTGCTTTTTTGCAAT GTCATGGACATCGGCAACGTCTTTACCAAGCTGTTTTTGAATCATTTTTGCGATATTTTCGGTATTACCGGTGTCGCTGC CGAAAAAGATGCCAGTGATAGCCATGAGTGAAATAACCTCTTGAAACTTATTGAAATGGGGGTGGAAAATTGCCCACGGA TAAAGGCAATCATAGCAGAACAGGCAGTCTTGCGGAATCAGCAAACGAGCAGGACTGCACACTGTGCTACATGAAAGTGG AAATTTAAACGATGCCCTGACTACGCAGCGCCGCCAGTTGCTGCATTAACATCTCTTCGATCAGTTCGCTACGGCTCATA TTGCGCGACTCCGCCAGCTCGTTCAGCGCCTCGACAGCTTCCGCGTTCAGCTTCAGTTCGACACGCTTAAGGCCACGTAC TTTGTCGCGTTTTAGCTGGTTGCGTTTATTAATACGCAGCTGTTCATCGCGCGGAAAGCGGATTAGTTTTCGGTCGTCCCG GTCGACGCTCGTGCGCGAACAGATCTAATGTCGTACGGTCCGTTTGTTCTTTGGCCATGATCTTGGTGACTTCGGGGGGAA ACAATCAGCCAGGCCTCTGCCCGGATGGATAGCGCGCCATAATACATCAGCGCGATGAGTCACGCCAACGCCCACGCGCG GAAAGCGACGCGGACGCTGGGTTTTTAATCAGTTGCGTTAATCATTGAGATAGCGACGGATAGCGCGTAATACCGCATCC GGTTTTTCAGCATGGACCCAGTGACCCGCCCTGCAATCACATGCGCCCGTGCCTGTGGAAATTGAGCCAGTAAATCATC AACCTACAATATGCGGATACTGATCCCACAATACCGGCACGTTAAAGCGCCACTCCCCGTCAACAAAAGATTTCAGCAGA  ${\tt AACTGAATCACCCCTTCTTCATTAAGATGCTGCCGCATTATTGCTGCTGCTGCTGCGGGGGTTTGTGCGCTCCGATTCACT}$ TATCGATGCGATCGGAGGCTAGTGCAGTAAGTGCCATTACCGCTTTACCGCCCATGGAGTGACCGATAAATGTTGCTTTG TCGATCTGCTGTGCATCCAGAGTATCAACAAGATCCTGCGCCATCGCCGGGTAATTCATTACCGGATCTCTCGGTGAAAG TGCCAAACAGACCGTGGACAAGAACGATGGGAGAATTATTGTGCTGGTTTTGTGCAGTTTTGCGCGCGGATATTCAATTTC TTATTCCGAGTTTTTCTGCAAGCCAGGCTTGACGCTATCCGCTGCCGGGATTTATTCATATACTCCTGGCGACTTGTATT GACGAAAGAGTTCGCGTTGCGTCACCTGCTATCGTCGAAGCGAAGCCGTCAAAACGATTAAAGACAAGGTTCGCGCAA TATTCTCTTGACGCCCAGGCGTTTGCCGAAGCAACGGAATCGTTGCACGGTCGTACACGCGTTTACTTTGCGGCAGATGA
GGAACTATCTAAAACGTTGCAGACAAAGGACAAAGCAATGGCAATCCACAATCGTGCAGGCCAACCTGCACAACAGAGTG ATTTGATTAACGTCGCCCAACTGACGGCGCAATATTATGTACTGAAACCAGAAGCAGGGAATGCGGAGCACGCGGTGAAA  ${\tt TTCGGTACTTCCGGTCACCGTGCCAGTGCAGCGCCACAGCTTTAACGAGCCGCACATTCTGGCGATCGCTCAGGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAGCAATTCTGGCGAATGCAATTCTGGCAGAATTCTGGCAGAATTCTGGCAGAATTCTGGCAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAGAATTCTGAATTCTGAGAATTCTGAGAATTCTAATTCTGAATTCTAATTCTGAATTCTAATTCTGAATTCT$ TGCTGAAGAACGTGCGAAAAACGGCATCACTGGCCCTTGCTATGTGGGTAAAGATACTCACGCCCTGTCCGAACCTGCAT TCATTTCCGTTCTGGAAGTGCTGGCAGCGAACGCCTTGATGTCATTGTGCAGGAAAACAATGGCTTCACCCCGACGCCT GCCGTTTCCAATGCCATCCTGGTTCACAATAAAAAAGGTGGCCCGCTGGCAGACGGTATCGTGATTACACCGTCCCATAA  $\tt CCCGCCGGAAGATGGTGGAATCAAATACAATCCGCCAAATGGTGGCCCGGCTGATACCAACGTCACTAAAGTGGTGGAAG$ A CAGGGCCAACGCACTGCTGGCCGATGGCCTGAAAGGCGTGAAGCGTATCTCCCTCGACGAAGCGATGGCATCCGGTCATGTGAAAGAGCAGGATCTGGTGCAGCCGTTCGTGGAAGGTCTGGCCGATATCGTTGATATGGCCGCGATTCAGAAAGCGGG  ${\tt CCTGACGCTGGGCGTTGATCCGCTGGCGGTTCCGGTATCGAATACTGGAAGCGTATTGGCGAGTATTACAACCTCAACC}$ TGACTATCGTTAACGATCAGGTCGATCAAACCTTCCGCTTTATGCACCTTGATAAAGACGGCGCGATCCGTATGGACTGC ATCGTCCGCAGTGGGCCAAAGATGTTGCCGTCGGTAAAACGCTGGTTTCATCTGCGATGATCGACCGTGTGGTCAACGAC TTGGGCCGTAAACTGGTAGAAGTCCCGGTAGGTTTCAAATGGTTTGTCGATGGTCTGTTCGACGGCAGCTTCGGCTTTGG  $\tt CGGCGAAGAGAGTGCAGGGGCTTCCTTCCTGCGTTTCGACGGCACGCCGTGGTCCACCGACAAAGACGGCATCATCATGT$ GTCTGCTGGCGGCGGAAATCACCGCTGTCACCGGTAAGAACCCGCAGGAACACTACAACGAACTGGCAAAACGCTTTGGT GCGCCGAGCTACAACCGTTTGCAGGCAGCTGCGACTTCCGCACAAAAAGCGGCGCTGTCTAAGCTGTCTCCGGAAATGGT  $\tt GAGCGCCAGCACCCTGGCAGGTGACCCGATCACCGCGCCTGACTGCTCCGGGCAACGGTGCTTCTATTGGCGGTC$ TTCCTCGGTGAAGAACATCGCAAGCAGATTGAGAAAGAAGCGGTTGAGATTGTTAGCGAAGTTCTGAAAAAACGCGTAAAC ACATTTAATAAAAAAAGGGCGGTCGCAAGATCGCCCTTTTTTACGTATGACAAACACAGAATTGCCTGATGCGCTACGCT TATCAGGCCTACGAGGATGGTGCAATATATTGAATTTAAGCGATTTTGTAGGCCGGATAAGGCGTTCACGCCGCATCCGG CAAAAACAACGAACACTTTGTCAACAAACTGAGTAGCTCAAGGAAATCCCAATGAAGACCAACAGGAGTCTGGTCGTCAT AGTGTCACTAATTACCGCCACATTACTGCTGACTGCATGCGCCCAACCTGAACAATCATCATTAGCTGGCGACTGGTTAC TGACCCCTAAAGATAAAACCAGAGGATTAACGGGTAGCATTGCGGTAAATATTGCACCTTTCCGGTGTAAGACAAATTGC TATGTCAGCACAAGAAAAGGTCGGTTTAAATCCCGGTTGGCAATGCTACACCTCATTTTTTATGCGGGTTTGCCAGGGCA AGCCCGGCACTCGACCGATAGTCAATGAGGATTATGTCAGCGAAAGCGGATTTTTTTGGCTCGATGATGCATGTCGGGATT ATTGAGTTACGACGCTGCCAGTCAGAAAATTGCCAGCAAGAATTGAAAGCGGATAAATACACATTAAAATAGTGAGTCCGG CGAAATAACTTTTCTTGTTCTTCACTTCACTTTGTACCCATAAGAAAGGGTAGAACGTGAAGGCTTCCGTTGCCGATA ATTTTATTACGTCTTCTCGCCATTGCTGCCATCGTACATTTTCATAGAAGGTATCTAAATCACCGGATAATGCCCACTGA AGAAACTCAGAATATCCAACTTCCAGACTTTCCCAATTCAGCGTATCTGGCGCAAAATAATAAACGCAGCCAGTATCTTC ATCAGCAGACCTCCGGAGCCATAGACAAGCGCACCCATCGGTGATTTTGTTGTCACCTGTAATTGATAAAGTGCGGTTTC GGCTAAATCTTTATTAACCGGTAAGAGTTCGGTATGGTTTGTGGCCGTCTTTTAACCAGTTCTGGATTATTGGCCAGGCTG  ${\tt AATTGTATGGAACATTTTTTAAATATTAAGTTCCTTATATTTGAATAAAAAATGACTTTATCCATACATTGCCACTTTTT}$ TCAAAGCATAAACCGATACCCAATACCGGTTTCAGTAATAAAATGGCGAGGCCGGGCCGGATCCTGTTCCAGTTTTTGTC  ${\tt GCAGATGCCCCATATAATTACGCAAATAGTTGCTGTTTCGATCGCGTTTAGACCCTACATCTGCCGGATGCGCATAAA}$ TAACGAACTATTTGCCAACAAACAGAAAGGGCGATCATTCAATCGCCCTTTTTTACTTTGTTTTATTAACCGTGTTTATT CTTCCCCGGATGAGTACAGCGCATAAAAGCTATACATCGCGCCAACAAAAGCAACAAAGTTTGCAACTTTCGCTTTTGAG GGGGGCACATTAGCGACCTTCTGAATAATGACTAATGCCGCCATTGACAGAATATACGGAATGATATTGGTCACCACGGC  ${\tt CAGGTTAACCAGCACGTTGAACTGACTGTTTAGCGACGGGCTAATGGTCATCAGTGCCAATCCACTCTGAATAATCACAA}$ TGGTCAACATTCCCTGCACCGGTGCATCCACTTTGGTTACACGGGAGAAAATTTTAGGGAAGTAGCCTTCATCAGATGAA GATTTAAACACCTGGGCAATGGTGAACTGCCAGCCAAGTAGCGAACCGCAGCAGGACATCACCATCAGCGCCATAATGAC TTACGTTCCGGGTTTTCCACTACATCAGTATTCGCACACGCAGACTCCAGACCAAGAAAAGCCCACAGCGTCATAGCGAT GGAAGAACCTACCGCACTGAAGAACGGTGCATGATGCGGATTCCAGGAATCAACGTACAGCGTCGGGCTAAACCAGAACC AGCCAATAATGCACAGACCGACGGACTAATGACCCCCCACACGGTAATGCTACTGATTTGCCCGGTAATGCGCGCA GAGCAGTTCGGTGCCGTAACCAACCGCCGAAATAGCAATCGCGACGTTAGCAATCAGCAGTGAGACGCCGTAGGTATAGT TCGCCATAAAGTTACCGGATTTACCGAAAGCATACTCGGCATAACCGCCCATACCGCCTGATTTACGGCTGAACATACCG GGCAAGCTTTGTCGGCAGCATGATACCGGAGCCCATCATGTTGACCATCGTCAGTATGGTTAACTGAACGACGCCCA  ${\tt TTTTGTTCGATTTAGCCTGACTCATAATTTTTCCCCTTTCAACAGGGTGCTTTGCGCATCACGAGGCTTGATGACATAGC$ ACCAAACTTGCTTACGACCATCATGTTCTTCGATATAGACACCCTGCAGCTCCGGTGCAAAACCTGGCAGCAGGTTGATC TTGTGGCGGGCATACAAATCATGCATTTCCTGACACAACTGACGCGGGTATAACCGGCGTAGCGCTCTTCATGCTGTTT GTAGATGGAAGGTAGCACTTCTGCTAATGGCGCGTCGGACTCAAGCAGTTTTTCGAAGCGTACCAGCAGGGCAACAAGTT TTTTCGCGCAGGAAGTTAGCAAGAATCGTCGCGGGTACACCGAACGCTTCATATTCGCCGTTACGTGCATCAATACCTGG GGTTGTCAGCAACAGTTTGCATGGATCGACAAAGTATTGATTCTCTGCATAGCCTTCAAAAGAATGCCAGTGTTCCCCTG GTACAAACTGGAAGAAGCGCAGATCAACCGCAATTTGCGCTGTTTCATACGACTGCCAGGGTTTACCATCCACCAGTTCA CATATTACGACCGCTGACACCTTCATGCATTTTGGCGTTGATATTCAGTGCGGCAAACAGCGGATAGAACGGGCTGGTGG AGGCGTGCATCATAAAGGCGTTGTTCATGCGTTTGTGCGGTACATAACGCTGTTGCCCTTTGATGTGGCTGTCTTTTTTA TGAATTTGTGAAGTCTGAGAAAAACCAGCCTGTTGTTTATGCACAGATTGCGTAACCAGAATACCCGGATCGTTCTCATT AAGATCCAGCAACAGCGGCGAACAGTCCGCCATCATCGGAATAAACTGTTCATAGCCGACCCATGCTGAGTCAAACAGGA A CAGCGAGGCGGAAAGGACGACCTCTTTTGCCCGCTGCGGTGCGACTTCCGCGATCAGCTCACGCAGGTAACTTTCTTCAAAACAGTGCGCATCAATGCCACCGATAAAGCCATACGGGTTACGTGCCGTTTCCAGATAAACCGGTGTTGCACCAGCCT GTAGCAACGCTCCGTGGTGGTTAGATTTGTGGTTATTGCGATCAAACAGCACCAGATCACCCGGTGTTAGCAGGGCCGTTT AAAACCACTTTGTTAGAAGATGAAGTGCCATTTAAAACGAAGTAGGTTTTATCGGCATTAAACACTTTTGCCGCATGTTG CTGTGCAATGCATGGCGCGCCTTCGTGAATCAGCAGATCGCCCATCGCTACGTCGGCGTTGCACAAGTCGGCACGGAACA GCGCCTCACCAAAGTATTCCACAAACTGATTCCCCGCCGGATGGCGACGGAAAAATTCGCCGCCCTGATGACCAGGGCAA TCAAACGCGCTGTTACCTTGATTGACATAATCGACCAGTGCGCGGAAGAAGGTGGGCGCAGTTGAGTTTCATAATGGCT GGCAGCGGTTTCTAACTGGCGACCATAAAATTCTCGTCGCGATTCGCAATTCTCAAAGACACCCGAAATACGGGGCAAAT TTTCCGCATGTAACATCGTTGAGCGATAAAACTATTGCCGCCACATCGATATTACGACTTTCATTAATGTAGATACATTC TCGCTGCGTGGTAAAACAGTCCGGGCAAGAATCACTAACCGCAATTTTTAATTTTGACATTTTTCATCTCTTTATTTTAG GTTCCAGTTTTTGTCGCAGATGTCCCATATAAATACGCAAATAGTGACTGTGTTCGACCGCGTTTGGCCCCCACACCTGG ATGCACCTCTTCCTCACCCCGGTGAATCACGCGGGCCGAAAATCGACGGTAACATCGGAAAATTTTACCAGCGGATCGG GCGCGGTGGTGGCAGAGTGGCGCGTAATGCGACGCGCAGACGGCCTGCAATTCGCCAATGCCAAACGGCTTACTCAGA GCTCCACTGGCGCAGGTCGCGGATAAACTCAATCCCATCACCATCGGCCAGGCCGAGATCGAGAATAATCAAATCTGGCT TACGGGTTGCCGCTTCCAGCAGCCGCGTTGCAGCGTTTCGGCCTCAAAGACGCGCATCCCGTCGCCCTCCAGCGCCCTG CGCAGAAAGCGACGAATAGCCTGTTCATCTTCAACAATCAGAACGTTTGTCACATATCCTCATGAAATTCTTCAAGTTCA TACATCCACTATCGCCCGACAAATTGCCAGTCCAAGCCCTACCCCCGGTACTGCCGACTCTTTATTCCCGCGAGCAAACT TATCAAATATCGTCTGCTCCTGGCCTGGCGGAAGACCGGGGCCGTTATCCCAGACATCCAGTTGTAGATTTTCGCCCTCA ACGTGGGCATCGATACCAATTTCGGCCTGCGCACCCGCATATTTCACCGCGTTCTCCAGCAGATTAATCAGCACCCGTTC AAAGAGTGGCCCGTCAACGTGGATTAAGGTCAGCGGTTCTGGCAGAGAAAGATTGATGGGCGACGATAAACCCGGTTCCAAGCCGCTCAAGGGCATTGGCGACTAACAGCGTAAACGTCTCCAGCAGGCGCTGCTGTTCCGGGATCATCAACTGGCGCAG ATTCCCCGGCTCCACCACCACCACCGTAGGTTTTCTCGCCGCTTTTTAGCGGCAAAATCTGGTACGGTACACCGGGTA  ${\tt ACGTGTCGGTGCCCGCGCCGCAGGCAGGCCTTTATCAAAACTCCACTGCGCGATGGCATCGTCCCACGGCGTCATTCCT}$ TGCGGATGTGTTAACGGCTGCAATTTACCGTTGTCATCGGGCAACACCCTGACTGCGGGCATGAAACGTGGAGGCAAT AAATTGTTCGCTGGTGGCAGCGATATCCTGCGGACTGCGGCCCACCGCCAGAGCTTTCGACATTTCATATAAGTGCCGTG  AACATCACCGCGAAGGTCAGCAGATATTGCACATCAGAGACGGCGAGCGTGCCGCGTGGGGCGATAAAAAAAGAGATCGAA ACTCACTACATTAATGACGGTGGCAACCACTGAAGGCCAGCGTCCATAAAATAGCGCCACCACCACCACCACGCCAAGCAGAT ACAGCATCACCAGGTTGGCGGCATCAAACGCCATCAGCCACTGCATGGCAATTAAGGTGATAACGGCGCATAACGCGGCG GCAACCACGCATCCCTGAATTTGTACACGCCACTTGTCTTTAAAAGAGCGGTTATCCGGCGCGTTGTTAATCGTGCGGGC GCCACCAGCGGCGCGAGGCCGGCGACCAGAATAATCTTGCCGAGATTATGTTCACGGGCATAACGCACTACCGCTTTC TCTTCCGCTGGATCAGAAAGTGTTGCCGTCTCCGCGCCCAGTTCCTGCGCCAGACGTAAGGCGCTGAGAATTGCCCGACG TTTTTTTCCGGTAAGCGGTGCAGGGGTTTCAACATACACCGCGTGCCAGACGCTACCCAGCCGTGACGCCAGCC TTCTCTTCGCCAGGATGCCCCCGCCAGGCGCGCATTTGCTCATCAACGCGATCGGCAGTACGGCGCAGTGCCAGTTCGCG  $\tt CAGGGCGATCAGATTACCTTTGCGGAAAAAATGTTCAATGGCGCGCTCCGCCTGCCCGGCAATATAGACTTTGCCTTCTT$ TCAGCCGCTGGCGCAGATCGTCCGGGGGCAAGTCCACCAGCACCACGTCGTCGGCGCATCGAAAAAAGGATCGGGCACG GTTTCCCGTACCTGAATTCCGGTGACGCCGCTGACCACATCATTCAGACTTTCCAGATGCTGAACGTTGACGGTAGTGAA GCCAACCACATATCCAGCCCTTGCGCCCGCAGTCGCTGGGCTTCTGCCAGCATCGCCCAGGTCTTCCCGACGCCTGCAC AGGCACCGAAGAAAACTTTCAGCTTCCCCCGATGCGGCGCGGCAGTTTGTTCCAGCAGACGATCGGGGTCGGGACGTAAG GGTTCGTTATTCATCAAGTTTATCCAGCGCCAGATTGAGTTCAACAATGTTGACAACCGGCTGGCCGATATATTTCACCA TGCCAGGCCGCCGCTTGCGGGGTGATATTATTGTCCAGCCCGCTTGCCGATGCCGTCACCAGTTCAACCGGAACGCTCGC GATTGCTCCCGCCAGAAGCCTGTGGATTATAGGGCATTTCTGCCGTTGCCGACGGGCGACCATGAAAATAGCCGTTGCCG
GTAAAATTCTGCCCGATTAATGCCGAACCGCGCACCGTATCACCTTCACGAATCAACGAACCATTGGCCTGCCAGGGAAA CCACCATTGCCCCAGTACGGTGGTCAGCAGCGGGTAAACGCCGCCAGTAATCAATAACAGAAAGATAAATGTTGATAATG  $\tt CCGGACGTAATCCACTCATGGTAAACCTCACACCAGACCGCAAACGGTCAGCAGTAAATCAATGACTTTGATACCGATAA$  ${\tt ACGGCACCAGCCACCCAGACCGTAAATCCATAAGTTACGGCGCAACATGGCAGAAGCGGTAAGCGGTTTATAACTC}$ CGAATGCAGGCACATGATGTTCAGCGCATTTAACTGCGGATACGTTGCCGCGAATGCCGCCGGAATAATGGCGAAGTATT TCGCCACATCGTTGGCAATGCTGAAGGTGGTCAGCGAGCCACGGGTCATCAGCATCTGTTTGCCAATGTGCACCACCTCG ATCAACTTGGTCGGGTTAGAGTCGAGATCGACCATATTGCCCGCCTCTTTCGCCGCCTGGGTGCCGGAGTTCATCGCCAC  $\tt CGCGACATCTGCCTGCGCCGGGGCGTCGTTGGTGCCGTCGCCGGTCATCGCTACCAAACGACCTTCCGCCTGAT$ GCGGCAGTCAGACGGTTATCGCCGGTAATCATCACCGTTTTAATGCCCATTTTGCGCAGCTGGGCGAAGCGCTCTTTAAT GACGCGCAACCTGATCGACTTTTTGATCAACATCGGTAGGGAAGTGACCACCGTTAGCCTCAACATGGCGACGAATGGCA TCGACAGAACCTTTACGGATCATGCGGTTGTCGATGTTGATCCCGCTCATCCGGCTTTGCGCAGTAAACGGTACAAAGGT GGCATGGAGCGACTGCACATCGCGCTCGCGCAGGTTAAAACGCTGCTTGGCGAGGATCACAATACTGCGGCCTTCCGGCG GCCTGACGGTTACCGAGTGTGATGGTGCCGGTTTTATCCAGTAGCAGAACGTCAACGTCACCTGCCGCTTCAACTGCACG TCCGCTGGTGGCAATCACATTCGCGCCTAGCATCCGGCTCATCCCGGCGACGCCGATCGCTGACAACAGGCCGCCAATAG TGGTTGGGATCAGACAGCCAGCAGCACCAGTACCGTTACGCTGACTGCATTACCGCCCCACGCGGAAAACGGCCAC  ${\tt TCGCTGTGCGCCTTCCACCATCGCGATCATCCGATCCAGAAATGTCTCGCCGGGGTTAACGCTACACTCAATCACCAGCC}$ AGTCAGAAAGAATACGCGTGCCGCCGGTGACGGAGGCAAAATCGCCGCCGGATTCACCGGATCACCGGTGCCGATTCCCCGGTGATGGCGCTTTCATCGACCGATGCACCCCCTTCAATAACTTCACCATCGCAGGGGATAATATCGCCAGCTTCTACCAG TACGATATCGCCTTTACGAAGTTGGTCGGCAGGAACTTTGTCCGCCGCAGCGCCATATTTCGGCTCACGCAGCTTGCGGG  GCGAACAGTACGGTGATCCACAGCCAACCGCTAATGGCCGCGCTAAACAGCGCATTGCCGGGCATCGCACCGCTTGCCAT CGCGATGCTAATACAGGTGGTCAGCAGACTGCCGATCCAGACGATAAACATCACCGGATTGCGCCATTGCGCCTGCGGGT TTAATTTTTTCACCGCTTCTTTCAGCGCCTGAACGACAAGTGTTGGTTCGAATAGCGCCAGTTGTTTACGACTCATATTC AGTGCTCACTCAATATCATCAGGAGAGATATTCCGCCACCGGACCAAGCGCCAGGGCAGGGATAAAGGTCAGTGCGCCAA  $\tt CCAGCAACACGGTGCCGATTAACAGGCCAACAACAGCGGGCCGTGCGTTGGCAGCGTGCCGGAGCTGGCGGCTTGGCTC$ TTTTTACTCACCAGCGAACCGCCAATTGCCATCACCGGGATAATCACCCCGAAGCGACCAAACATGCAGAACGCCAG TAAACAGTTCCAGAACGGAGAGTTGGCGCTTAATCCGGCAAAGGCGCTGCCGTTGTTGTTAGCGGCGGATGACACGGCGT ATATTCCGGTGTACGACCAATCATCAGCCCGGCAATAAACACCGCCAGCAGCACAAACAGCATCATGCCGTAAAGACCAG AACCGACACCGCCGAACACCACTTCACCAATTTGCATCAGCCACATCGGCACCATGCCACCGAGAGCGGTAAACGAATCA TGCATCGCAATCACCGCGCCACAGGAAGCCGCCGTCGTCACGACCGCAAACAGGCTACTGACCAGCACGCCGAAACGGCT CTCTTTACCTTCCATATTGATGCTGCTGTCCGTGCCCAGTGCCAGATGAGGATTACCCTGAACTTCTGCCCACATCA  ${\tt CCACGCCTACGCAGATGACAAAAATCACTGACATCGCCCACAGCAACATGCGCCCCTGGCGGCGATCGCCCATCACTTCAC$  $\tt CCAAAGGCAAAGCACCGCCGTTGGGATCAAGAAGATCGCCAGCATCTGCACGAAGTTGGTCAGTGCGGTTGGGTTTTC$ AAACGGATGCGACGAGTTGGCATTAAAGAAGCCACCGCCGTTAGTACCGAGCATCTTGATCGCTTCCTGAGAAGCTACAG GCCCCATGGGTAACAGCTGTTGCGCTCCTTCAACGGTATTCACAGCCTGATAAGGCAGAAAGTTTTGCAGCGCACCTTGT TGAATAAAAAACAGTGCAATCAACACGCCACAGGGACTAGCACCCATAACGTGATGCGTAGCAGATCGACCCAGGCATT AGTTTTGCACCGTTAAGCCCGCCATCTGGCTGAAATAGCTCAACGTGGTTTCACCGCTATAAGATTGCCAGTTGGTATTG GTGACAAAGCTGACGGCGGTATTCAGCGCCAGATCCCACGACAGCCCTGGCAACTGCTGTGGATTAAGCGGCAGATAGTG  $\tt CTGACCGAGCAACATAAAAAAACAGCACCGCCAGCCCCAGCATGTTCAGGCCGAGAATGGCACAAAGATATTGCTTCCAGT$ TCATCTCACGGTCAGAGACGCCAAGTGCGCGAAAAAGTACGCGCTCAACGCCCGTTGTACCGGGAAGAGGAATGTCATTA ATCAGCCGCGCCAGCCCGCTGCCTAAAGGACGCGCCAGCACCATTAACACCCAGTAAAAACGTGGCGATCAGTAAGAACCC TTGCGCAGCCATCAGAACGCCTCCGCATTGATCAGGGCATAAACCAGATAACCCAGTAATAAAAACCCAGCAATACGCC GGTTATCACGCCTGCACTCACAGTGCACCTCCAGTGGCCTAAAAGTGATACCGGAAGGGTAGAATTCTGGCTGCAAAGAT TTCGCAAAAATCTGCGGGCGGGGTGTAAAAAAAGTATAAAAATGGCAAAAGCCATGATTTAACTAATGTTTAGTATTAAT AAATTACACAAAAGGCGGTACTATTTTCATCAGATAAACAAATTCATTTTTCCGGTGCCATTCACCGGGTAGATACAAAA GGGGGAGAAAGTATGGAACTCTACAGAGAATATCCTGCATGGCTTATCTTTTTACGCCGTACTTATGCGGTTGCAGCGG TGAAAACCGCCAGCGGAAACGCTGGCGGTTTTTTGTATCAGGAAGATGTTCAGAGGAATATTTAGACATCGTTATACCAA TCGAAACATATATTCATGAAATATATAAAATATTTTCCTAATTGTTCTTATCTGACAGATATCTCACTTAAGGCTTTCT TATAAATCTGTAGGGTTTCGCCTGTCAGCAGACAAATAACCCGATAAAACAAGGATGAGCAGATGAGCGGAAAACCGGCG GCGCGTCAGGGCGACATGACGCAGTATGGCGGTAGCATTGTCCAGGGTTCAGCCGGGGTACGCATCGGTGCCCCCACCGG  $\operatorname{GTGAAACCGACATCGCCCTGCCGGCCCGCTGCCGTTCATTCTCTCCCGCACCTACAGCAGTTACCGGACAAAAACGCCC$ GCGCCGGTGGGAGCCTCGGCCCCGGCTGGAAAATGCCTGCGGATATCCGCTTACAGCTGCGCGATAACACACTGATACT  ${\tt CAGTGATAACGGCGCAGAAGCCTGTATTTTGAGCACCTGTTTCCCGGTGAGGACGGTTACAGCCGCAGCGAGTCACTGT}$ GGCTGGTGCGCGGCGTGGCGAAACTGGATGAAGGTCACCGGCTGGCCGCACTCTGGCAGGCGCTGCCGGAAGAACTC GGAAGCGGATGAGGTGCTGCCTGCCGCCGTGCCGCCGTACCGGGTACTGACCGGGCTGGTGGACCGCTTCGGGCGCACAC AGACGTTCCACCGCGAAGCCGCCGGTGAATTCAGCGGCGAAATCACCGGCGTGACGGATGGTGCCGGGCGTCACTTCCGG  $\tt CTGGTACTGACCACGCAGGCGCAGCAGGAAGAAGCCCGGCAGCAGCCATTTCCGGCGGGACCGGACCGTCCGCTTT$  ${\tt CGGAATACCCGGAGAATTTACCTGCCGCGCCGCTGGTGCGCTATGGCTGGACGCCCCGCGGCGAACTGGCGGCGGTGTAT}$ GACCGCAGCAATACACAGGTGCGCAGCTTTACTTACGATGATAAATACCGGGGCCGGATGGTGGCGCACCGTCACACGGG ATCAGTATGAGAAGGACCGCATCACCATCACCGACAGCCTGAACCGCCGTGAAGTCCTGCACACGCAGGGTGAAGGCGGG ACAGACGGATGCCGCAGGCAGGACAACAGAATACAGTCCGGATGTGGTGACGGGCCTCATCACGCGCATCACCACGCCGG CGGGAATATGATGAATGGGGCCGTCTGATTCAGGAAACTGCCCCTGACGGCGATATCACCCGCTACCGTTATGATAATCC ACACAGTGACTTACCCTGCGCAACGGAAGATGCCACCGGCAGCCGGAAAACCATGACGTGGAGCCGTTACGGTCAGTTGC TGAGCTTCACTGACTGTTCCGGTTATGTAACCCGCTATGACCATGACCGTTTTGGTCAGGTGACGGCGGTGCACCGCGAG GAAGGGCTGAGTCAGTACCGCGCATACGACAGCCGTGGACAGTTAATTGCCGTGAAAGACACGCAGGGCCATGAAACGCG GTATGAATACAACGCCGCCGGTGACCTGACCACCGTCATTGCCCCGGACGCAGCAGAAACGGGACACAGTACGATGCGT GGGGAAAAGCCATCTGTACCACGCAGGGCGGTCTGACGCGCAGTATGGAATACGATGCTGCCGGACGGGTCATCCGCCTG ACCAGTGAAAACGGCAGCCACCACCTTCCGTTACGATGTACTCGACCGGCTGATACAGGAAACCGGCTTTGACGGCCG CACACAGCGTTATCACCACGACCTGACCGGCAAACTTATCCGCAGCGAGGATGAGGGGCTGGTCACCCACTGGCACTATG ACACCTGACGGTGCATCATCCGCAGACGAATGAACTGCTCTGGCAGCATGAGACCAGACATGCGTACAACGCACAGGGAC  $\tt CTCGGCGACACCGCTGGTGGAGTACACCCGCGACCGCCTGCACCGGGAAACGCTGCGCAGCTTCGGCCGTTATGAACT$ CACCACCGCTTATACCCCTGCCGGGCAGTTACAGAGCCAGCACCTGAACAGCCTGCTGTCTGACCGCGATTACACCTGGA GGCGTTCACACCACCGCAGCGAATCTGGATATCCGCATCCCGTATACCACAGACCCGGCAGGTAACCGCCTGCCCGACCC GGAGCTGCACCCGGACAGCGCCCTCAGCATGTGGCCGGATAACCGTATCGCCCGTGACGCGCACTATCTTTACCGGTATG TACCATTACGACAGTCAGCACCGGCTGCTGCACTACACGCGGACACATATGCAGAGCCGCTGGTCGAAAGTCGCTATCT TTACGACCCGCTGGGCCGCAGGGTGGCAAAACGGGTATGGCGGCGTGAACGGGACCTGACGGGCTGGATGTCGCTGTCAC GGAAACCGCAAGTGACCTGGTACGGCTGGGACGGCGACCGCCTGACCACGATACAGAACGACAGAACCCGCATCCAGACG ATTTATCAGCCGGGGAGCTTCACGCCACTCATCAGGGTTGAAACCGCCACCGGTGAGCTGGCGAAAACGCAGCGCCGCAG  $\tt
CCTGGCGGATACCCTTCAGCAGTCCGGTGGCGAAGACGGTGCAGTGTGGTGTTCCCGCCGGTGCTGGTGCAGATGCTCGCGGTGCTGGTGCAGATGCTCGAGATGCTCGGTGCAGATGCTCGGTGCAGATGCTCGAGATGCTCGAGATGCTCGAGATGCTCGAGATGCTCGAGATGCTCGAGATGCTCAGATGCTCAGATGCTCAGATGCTCAGATGCTCAGATGCAGATGCTCAGATGCAGA$ GCGCAGATGCAAAGCCAGATGGACCCGGTATACACGCCGGCGCGCAAAAATTCACCTGTACCACTGCGACCATCGCGGCCT AGAACCCGCATCAGCTGCAGCAGCTTATCCGCCTGCCGGGGCAGCAGTATGATGAGGAGTCCGGCCTGTATTACAACCGC GTATCCGTTGAATCCGATCTCAAATATAGATCCATTAGGATTAGAACACTAAAATGCATTAAGCCACTGCATTCAATGG  $\tt GCGGAACTGGTGAAAGAGCGGTCCAGATATATGGGGGGAATCCGTTCTATCATCAATATCTTTGTGTCCCAGATGGTAAA$ GGGGACTATACTTGTGGTGGCCAAGACCAACGGGGAGAATCAAAAGGAGATGGTCTATGGGGGCCAGGTAAAGCAAGTAA TGATACAAAAGAAGCTGCTGGCCGTTGTGACCTCGTTGAAACCGATAATAGTTGTGTGGAGAACTGTTTAAAAGGGAAGT TTAAAGAGGTAAGGCCGCGTTATTCTGTATTGCCTGATATATTCACACCTATAAATTTAGGGCTATTTAAAAACTGCCAA GACTGGTCTAATGATTCTTTAGAAACATGTAAGATGAAGTGCTCCGGAAATAACATTGGACGTTTTATTAGATTTGTATT TTCCATGCATAGACTTTCACTATTAGACTCCACTCGTGATGTGAGCGAGTTAATTAGTCTCATGTCTTATGGAATGATGG TAATATGTTTTCCAACAGGCATAGTATTCTTTATTGCTCTAATATTTATAGGGACTGTATCAGACATTATTGGCGTAAGG ATTGATAGTAAGTATATTATGGCGATAATAATATGGCTTTATTTTCTGTCAGGAGGGTATATTCAATGGTTTGTATTAAG TAAGCGCATTATAAACAAATAAATTAAGTTAATTGCTCTTATTATTATATGTAACCTGGGCATTGATATCCCGTATGCCA CAGACCCGGCAGGTAACCGCCTGCCCGACCCGGAGCTGCACCCGGACACCCTCAGCATGTGGCCGGATAACCGTATC GCCCGTGACGCGCACTATCTTTACCGGTATGACCGTCACGGCAGGCTGACGGAGAAAACCGACCTCATCCCGGAAGGGGT TATCCGCACGGATGATGAGCGCACCCACCGGTACCATTACGACAGTCAGCACCGGCTGCTGCACTACACGCGGACACAAT   ${\tt CGGGACCTGACGGGCTGGATGTCGCTGTCACGGAAACCGCAAGTGACCTGGTACGGCTGGGACGGCGACCGCCTGACCAC}$ GATACAGAACGACAGAACCCGCATCCAGACGATTTATCAGCCGGGGAGCTTCACGCCACTCATCAGGGTTGAAACCGCCA  ${\tt CCGGTGAGCTGGCGAAAACGCAGCCTGGCGGATACCCTTCAGCAGTCCGGCGGCGAAGACGGTGGCAGTGTG}$ TCCACCTGTACCACTGCGACCATCGCGGCCTGCCGCTGGCGCTTGTCAGCACGGAAGGGGCAACAGAATGGTGCGCAGAA TACGATGAATGGGGCAACCTGCTGAATGAAGAGAACCCGCATCAGCTGCAGCAGCTTATCCGCCTGCCGGGGCAGCAGTA TGATGAGGAGTCCGGCCTGTATTACAACCGCCACCGCTATTATGACCCGCTGCAGGGGAGGTATATCACTCAGGATCCGA TTGGGCTGAAGGGGGGATGGAATTTTTATCAGTATCCGCTGAATCCGGTTCAGTATATAGATTCAATGGGACTGGCATCA AAATATGGACACTTAAATAATGGCGGATATGGAGCGAGACCCAACAACCGCCTACGCCCGATCCAAGTAAATTGCCGGA CATAGCGAAACAATTAAGACTGCCATATCCTATTGACCAGGCCAGTAGTGCCCATATGTTTTCAAAACATTCTTCAGAG CATTAAGCCCTTACGACTACACACTGTATTGCAGGAAGTGGGTAAAACCAAATCTGACTTGTACGCCACAGGATGATTCC CAGTATCCAGGGATGGATACAAAGACAGCAAGTGATTACCTGCCACAGACAAATTGGCCAACAACTCAATTACCACCAGG ATATACTTGTGCAGAACCCTATTTATTCCCAGACATTAATAAACCCGATGGGCCAGCAACAGCAGGGATAGATGATTTGG GTGAAATTTTAGCTAAGATGAAACAGAGAACATCGAGAGGAATAAGAAAATGAAAAGAGTTTTGTTCTTTTTGCTGATGA TATTTGTTAGTTTTGGTGTTATAGCTGATTGCGAAATACAAGCTAAAGATCATGATTGTTTTACTATTTTCGCTAAGGGT ACTATTTTTTCCGCGTTTCCTGTCTTAAATAAAAGCCATGTGGAGATGGTATCAGAATGAGGACATCGGTGAGTATTA TTGGCAAACAGAACTGGGTACATGTAAAAATAATAAATTCACACCAAGCGGGGCGAGACTCTTAATTCGCGTCGGGTCAC TACGCCTTAATGAAAATCATGCCATCAAAGGAACGTTGCAGGAGTTGATAAATACAGCAGAAAAAACGGCGTTTCTCGGC GATCGGTTTAGAAGTTATATAGAGCGGGTATCTATCAAAAAAAGGGCGGTGATCCAGTTCAGTTGTTGGCAGTCCTTGA TAATTCAATCATGGTAAAATATTTTAAAGATGAGAAACCAACTTATGCTCGAATGACAGCACATCTCCCGAACAAAAATG AGTCTTACGAATGTTTAATAAAGATACAGCATGAACTAATTCGTAGTGAAGAAAAAATCTCTTCCTGAGAAAACAA ATTAATCATTGTGAAAAATTATATAACTCATGGAATAGGTGTTTATTTTGCGTTCCATTTGCAGGGAAAGATCACGTAAC GCTACTTTTTTGTACTAAATAATTCGAATTTTAAGTTCAACAATTGAGATACTACTTATTGTCTAAAGCTGTTTTTCATA GCTTATACATGATCAAATACTCCTTACATAAATAAGGTGAACAAATGGAACTTAAAAAATTGATGGAACATATTTCTATT  ${\tt TGGTGCAGAAGGTTGGGAAGATATAGAGGATTTCGGGGAAACACATCTCGATTTTTTGAAGCAATATGGTGATTTTGAAA$  ${\tt ATGGTATTCCTGTTCACGATACCATTGCCAGAGTTGTATCCCAGGGAAAGATCACGTAACGCTACTTTTTTGTACTAAAT}$ AATTCGCATTTTATGTTTAAAAATTGAGATATTCCTTATTACCTAAAGCTGTTTTTCATAGCTTATACATGATCAAATAC TCCTTACATAAATAAGGTGAACAAATGGAACTTAAAAAATTGATGGAACATATTTCTATTATTCCCGATTACAGATAAGC ATATAGAGGATTTCGGGGAAACACATCTCGATTTCTTGAAGCAATATGGTGATTTTGAAAATGGTATTCCTGTTCACGAT ATCAAATGATAAAGACGTCATTGCAATTGATGGAAAAACGCTCCGGCACTCTTATGACAAGAGTCGCCGCAGGGGAGCGA TTCATGTCATTAGTGCGTTCTCAACAATGCACAGTCTGGTCATCGGGCAGATCAAGACGGATAAGAAATCCAATGAGATC TTGAGGAAAATTTCCGCTGAAAGAATTAAATAATCCAGAGCATGACAGTTACGCAATGAGTGAAAAGAGTCACGGCAGA GAAGAAATCCGTCTTCATATTGTTTGCGATGTCCCTGATGAACTTATTGATTTCACGTTTTGAATGGAAAGGACTGAAGAA ATTATGCGTGGCAGTCTCCTTTCGGTCAATAATAGCAGAACAAAAGAAGAGCCAGAAATGACGGTCAGATATTATATCA GTTCTGCTGATTTAACCGCAGAAAAGTTCGCCACAGCAATCCGAAACCACTGGCACGTGGAGAATAAGCTGCACTGGCGT  $\tt CTGGACGTGGTAATGAATGAAGACGACTGCAAAATAAGAAGAGGGAAACGCCGCAGAATTATTTTCAGGGATACGGCACAT$ CGCTATTAATATTTTAACGAATGATAAGGTATTCAAGGCAGGGTTAAGACGTAAGATGCGAAAAGCAGCCATGGATAGAA A CTATCTCGCGTCAGTCCTTGCGGGGGGGCTTTCGTAATCTTTCCCTGCTTTTTTGTACTAAATAATTCGCATTTTATGTTTAAAAATTGAGATATTCCTTATTACCTGAAGCTGTTTTTTATTGCTTATACATGATCAAATACTTCTTACATAATTA  $\tt CATAAATTATCGGATATTCTACTGTTGACTATTTGTGCCGTTATTTCTGGTGCAGAAGGCTGGGAAGATATAGAGGATTT$ TGGGGAAACACATCCCGATTTTTTGAAGCAATATGGTGATTTTGAAAATGGTATTCCTGTTCACGATACCATTGCCAGAG TTGTATCCTGTATCTGCCGAAATTTCATGAGAGCTTTATTAACTGGATGCTTGACTACCATTCTTCAGATGATAAA GACGTCATCGCAATTGATGGAAAAATACACCGGCATTCTTATGACAAGAGTCGCCGTAAGGGGAGCGATTCATGTCATTAG TGCGTTCTCAACAATGCACAGTCTGGTCATCGGACAGATCAAGACGGATAAGAAATCCAATGAGATCACAGCTATCCCTG AACTTCTTAACATGCTGGATATTAAAGGAAAAATCATCAAAACCGATGCGATGGGTTGCCAGAAAGATATTGCAGAGAAG TCCGCTGAAAGAATTAAATAATCCCAAGCATGACAGTTACGCAATTAGTGAAAAGAGTCACGGCAGAGAAAACCCCGTC TTCATATTGTTTGCGATGTCCCTGATGAGCTTATTGATTTCACGTTTGAATAGAAAGGGCAGCTATGGTTAGAAACTACC TGACGTCAGTCCTTGCGGGGAGCAGGCTTTCGTAAATTTGTCCTGCTACAACAGGATTAACTTCACAAATATCATTTCTC AACGTCTACACTTACTCCTGTAAACCGCTCAGGAGCAGTAATGAATCTACAACGATTTGATGACAGCACCCTAATCCGTA TCTTTGCCCTTCATGAGTTACATCGACTGAAAGAACATGGCTTAACGCGGGGGGCGCTTCTCGATTATCACAGCCGCTAT AAACTCGTCTTTCTGGCGCATTCTCAGCCGGAGTACCGCAAACTTGGCCCGTTCGTGGCTGATATTCACCAGTGGCAAAA TCTGGATGACTATTACAACCAGTACCGCCAACGCGTAGTTGTTTTTGCTTTCTCACCCCGCCAACCCGCGGATCACACCA AGTTATCGCCGTGGCGAGCAACCACTTCTTGCGCCGCTGATGCGTATCAAACACTATATGGCGCTTTATCCTGACGCCTG GCTTTCAGGGCAGCGTTATTTCGAACTTTGGCCGCGTGTGATTAACTTGCGCCATTCAGGAGTTTTATGACTACCCATCT GGTCTGGTTTCGCCAGGATTTACGTCTGCACGATAATCTCGCACTGGCTGCCGCCTGCCGCAATTCGTCTGCACGCGTGC TGGCGTTGTATATCGCTACACCACGCCAGTGGGCGACGCATAACATGTCGCCGCGTCAGGCTGAACTTATCAATGCTCAA  $\tt CTGAATGGGCTACAAATAGCGCTTGCGGAAAAAGGTATTCCTTTATTGTTCCGTGAAGTGGATGACTTTGTCGCCAGTGT$ CGAAATAGTTAAACAGGTGTGCGCGGAAAACAGCGTTACCCACCTGTTTTATAACTATCAGTATGAAGTGAATGAGCGGG GCGGTGATGACCGGTAATCACGAGATGTACAAAGTCTTTACGCCTTTTAAGAATGCCTGGCTGAAACGGCTGCGGGAAGG  $\tt CTCGTCAGTCTTTCGATACTGCGCATTTTCCGGTGGAAGAAAAAGCGGCGATTGCGCAATTACGCCAGTTTTGCCAGAAC$ GGTGCCGGAGAATATGAGCAACAACGAGATTTTCCGGCAGTGGAAGGCACCAGCCGTTTGTCGGCCAGCCTGGCAACGGG GGCTTAATGAGCTGATCTGGCGCGAGTTTTACCGTCACCTGATAACGTATCACCCCTCGTTGTGTAAACATCGTCCATTT GGGCGAGAATTTGATCATGAGGGCGAGTTTATCCGCCAGTGGCTACCGGAACTGCGCGATGTGCCAGGGAAAGTGGTGC ATGAGCCGTGGAAGTGGGCGCAGAAAGCAGGTGTGACGCTGGATTATCCGCAACCGATAGTCGAGCACAAAGAAGCGAGA GTACAAACGTTGGCAGCGTATGAGGCGGCGCGGAAGGGGAAATAACAGACGCGTCAGGCAATCGAGCCCAGATGCCGGAT GCGGCGTGAACGCCTTATCCAGCCTACAAATTTGTGCAAAATTCAATAAATTGCAGGAAATACGTAGGCCTGATAAGACGC GTCAAGCGTCGCATCAGGCATCGGTGCTGGCCTATTAAGACTCCAGCGCCAGCGCGCGGTTTCTGAATTTCAGCGCCCTGA TACAGCCAAATCATCAGTACCAGTCCTACACACGCCAGTGCGCCCCCAGGTAATTTGATCAAATACTTCAATATATGCATT ATGGCAACCGGGTCGATAAACAGTTCCGCAAAGCCCATCACCGCCAGGCCTAATACCATCAGTGGCAGAAGAGAGTGACC ATACATTGCGGACCAGCGGGCGCTTAAGGTCAGAATGCAGAATCCGGCGCTCATCAGGCCAAGGCCAAGAGCAAATTTCC GCTAATCGAGCTACCGCCCTGTTGTGCGAAGGCCCAGAACAACATACTGAAGAAGGTGAGCGTCACAATCAGCCCCAGCT  $\tt CCTTCCGCTGTTTCTGGTTTTCTGCGATAAATTTTTGCCAGTACACCCAGGCCAATAATAGTCGCGACAATTAAG$ GCGTATACCGACCACTCTTTCCAGAACAGTATGGTAATCAGTGCAGGCGTTGCCACCAGCAGAACCAGCAGCCATCCCCA GTTCGGCAGGAGAAAGTTTGTCGCACGCAGTACTTTTTTGTTAACGCCGCGGGTATGAGTGAAATGACGATTGCCACATA AGAAAATGACCAGACCCGCGATCATGCCAACCGCCGCCAGGCCAAAGCCCATCGCCCAGCTGTACTCTTCCTGGGCGTAA  GGTTGGCTCATACAGCTCGCCGAGCAGACAGCTTACGTTAGATTTAAACAGGCCATAGCCGCAGACGATAATCGCCAGGG  ${\tt ACCGCCATGCGATTGCCGAGAACTTTATCCGCCAAAAAGCCACCGAGGATTGGCGTGACATACACCAGCGAACAGTAGGC}$ GCTAAATAACTCGTAGGCGTGAGTATCGTTGTATTTTAGTTGATTGGTGAGATAGAGAATCAGCAGGGCACGCATGCCGT ATTCCACAATTGACGCCAACGTCACGTAATAGTTGCGCGGCGTGCTTGTGTTTCCTTAAAGTTAAAACTTTGATACAGAT CTGATTATTTATGCAATATGCTGTCTGATTGCATAAATATACATTAGCTGAAGCGTGATGATATAAACAATTTGCGTCTT TTGGCGTCGGGTTTGTTTCTTAATATGTCAAAAGATTGGCTATCGACGAACTGGCGAGGTAACGCTATGTTAACGGTGTA ATTAGTGATTACGCGCCGAATGGTTTGCAGGTGGAAGGCAAAGAGACGGTGCAAAAAATTGTTACCGGTGTCACCGCCAG GCCGTTGGTGCCGTGGGCGAACTGACCATGCCTGTGCCGGGACTGGAGCTGGCTTCCTGGATTGAAGCGCGTCTGGGAC
AAAATACCGATCTTGATGTGACCTTTATTGATATTCCTAATCCTGCATAACGAATAATCAGAGGGGATCGAAAGTGCAACG AGCGCGTTGTTATCTGATAGGTGAAACGGCGGTAGTGCTGGAACTGGAACCGCCGGTGACGCTGGCTAGCCAGAAACGGA  ${\tt TCTGGCGACTGGCGCAGCGTCTGGTGGATATGCCGAATGTGGTTGAAGCCATTCCCGGCATGAACAATATCACGGTGATT}$ TTGCGTAATCCTGAGTCGCTGGCGCTGGATGCCATAGAGCGTTTGCAACGCTGGTGGGAGGAGAGCGAGGCGCTGGAGCC GGAGTCTCGCTTTATTGAAATTCCGGTGGTTTACGGTGGTGCAGGCCGGACCGGATTTGGCGGTGGTCGCGCGCATTGCG GGTTGAGCGAAAAACAGGTTGTTGAATTGCACTCCTCCGTGGAATACGTGGTCTGGTTTTTAGGTTTTCAACCGGGCTTC  $\tt CCGTATCTCGGGAGTTTGCCGGAACAACTACACACGCCACGGCGCGCTGAACCGCGCTTACTCGTTCCGGCAGGTTCTGT$ GCCTGTTTGATCCGGCGCGTGACGAACCCATCTTATTACGTCCGGGAGACGCGTGCGCTTTGTACCGCAGAAGGAGGGA GTATGCTGAAGATTATTCGTGCGGGCATGTATACCACTGTGCAGGATGGCGGTCGTCACGGTTTTCGCCAGTCGGGTATC AGCCACTGCGGCGCACTGGATATGCCCGCGTTACGCATTGCTAACCTACTGGTGGGTAATGACGCCAATGCCCCCGCGCT  $\tt GGAGATCACGCTCGGTCAGTTAACTGTTGAGTTCGAAACTGATGGGTGGTTTGCTCTGACGGGTGCCGGTTGCGAAGCGC$ GGCTGGATGATAATGCCGTCTGGACCGGCTGGCGATTGCCGATGAAAGCAGGCCAGCGTTTAACGCTTAAACGCCCGCAG TGGAAGCGCAGGGCGTTAAACAGCTGCTGTGGGGCAACCGCATTCGCCGCCTTGCCGGGGCCGGAATATCATGAGTTCGAT CGCGCCTCGCAGGATGCATTCTGGCGTTCGCCCTGGCAGCTTAGCTCGCAAAGTAACCGCATGGGCTATCGCTTACAGGG GCAAATTTTAAAACGCACCACCGATCGCGAACTGTTATCTCACGGTTTGTTACCGGGCGTGGTGCAGGTGCCACATAACG GGCAGCCGATTGTGTTGATGAACGACGCACAGACCACCGGTGGTTACCCGCGTATTGCCTGTATCATTGAGGCTGATATG TACCATCTGGCGCAAATTCCGCTCGGTCAGCCGATTCATTTTGTCCAGTGTTCACTGGAAGAGGCACTAAAAGCACGGCA AGATCAGCAACGTTATTTTGAACAATTAGCGTGGCGGCTGCACAATGAAAATTGACCTGAACGCCGATCTGGGCGAAGGC TGCGCCAGCGACGCAGAGCTATTAACGCTGGTTTCCTCTGCCAATATTGCCTGTGGATTTCATGCAGGCGATGCGCAAAT CATGCAGGCTTGCGTGAAGCAATAAAAAATGGTGTCGCGATTGGCGCTCACCCGAGTTTTCCCGACAGGGAAAATT TTGGTCGCAGCGCCATGCAGCTGCCGCCAGAAACCGTTTACGCCCAGACGCTGTATCAAATTGGCGCGCTGGCAACGATT GCCCGTGCGCAAGGCGGCGTAATGCGTCATGTCAAACCGCACGGCATGTTGTACAACCAGGCGGCGAAAGAAGCACAACT GGCAGACGCCATCGCCAGAGCGGTATACGCTTGCGATCCAGCATTGATTCTCGTCGGGCTGGCGGGAAGCGAGCTGATTC GTGCAGGCAAGCAATATGGTCTGACAACGCGCGAGGAAGTGTTTGCCGATCGCGGTTATCAGGCTGACGGCTCGCTGGTG  $\tt CGTTCGCCCGCCGACTACGCTCTGCATTTGCCGAAAAGGGGGATTGTTGTCGCAGCATAACCCCGATTAATAAAGAATGAA$ AAAAGGATATCACCATGCCTGAAGGCCCGGAGATCCGCCGTGCAGCGGATAACCTGGAGGCGGCGATCAAAGGCAAACCA  $\tt CTAACTGATGTCTGGTTTGCCTTCCCGCAGTTAAAACCTTATCACATCACAACTTATCGGTCAACACGTTACCCATGTGGA$ GCGTGGTTGATACCGGCGAAGAGCCGCAGACCACGCGAGTATTGCGGGTAAAACTGCAAAACGGCTGACAAAACCATTCTG TGTGCTGGATCCGAATCTGACGCCGGAGGTGGTGAAAGAACGATTATTGTCGCCGCGCTTTCGTAACCGTCAGTTTGCTG GATTACTGCTCGATCAGGCGTTTCTGGCTGGCCTTGGCAATTATTTGCGGGTGGAGATCCTCTGGCAGGTTGGGTTGACT GGAAATCATAAAGCGAAAGATCTCAATGCGGCGCAACTGGATGCACTCGCACACGCGTTACTGGAGATTCCTCGATTTTC AACCGTGCGAACGTTGTGGCAGCATCATTGAGAAAACCACGCTGTCATCTCGCCCGTTTTACTGGTGCCCTGGCTGCCAG CACTAGGCCGACCGCTTCGGCGCATAGGTTGAAATAAACCGCGCAATGGCAGGCCCTGTCAGCAAAATACTGAACAGGCG TAGGGTTTGCATCGCCATAATGAGCCCCATATCGGCATTGCTCCCTGCGGCGATGACCGCCACGGTATCAAGCCCGCCGG GGCTGGTGGCGAGGTAGGCAGTCATAAAATCAATGTGCATAAACCGGGTCAGCCCCCACGCCATACCCGCACAAATAGCC AGCAGAGCAAAAATCGACAGCAGGATTTGCGGTAGCGGGCGTAGTGCCCGCAGTAAGATTTGTTTATCGAAACCAAGACC AATCCGCCAGCCAATTGCCATATACGCCATCGCCAGCAGCCATTCCGGTAGTTCGATGGTGATGAGCTGACCAGACTGGA GCGAGCAAAATAGTAAGCAGGAGATTAATGCTCACTGGCGGGAACCAGACGATATGCTGGTTAACCGCTTCAGCGTTATC GCCCAGCATCATGCGGGTGACCAGAACAGCGGCCCCCGCGACGAACAGCACTCGCAGATATTGCATAAACGCCACCAGGC GAATATCTGCGCCGTAATCTTGCGCCATAGCGACCATTGCCGCCGCGCGCCAGGAGAGAGCCCCAGGCACCGGTATTT GATCGGCCAGTTGACGGCCAGGGTGGTGAGAATCGAACCAGTGAGGTTTTGCGCAATCATGCAGCCAAGAATGGCCTGGG  ${\tt CGGCGAGAAAAGCAGAGCGGGGAAGTTGCAGAGTAATTCCGCGCATACTAAAGATGATCCCGGCGATCATCGGCCCAAGT}$ AATAGCGCCGCGGGAGATGTACCGCGAGGAAACCAATAGAAAGGAGAGTGATAGCACACATAACATTCCCCACTGCAA A CAGCAAT CAAGGAAAAGGGGAAAAT CAGCAATTTTCTGAAAGAGATGCCCTTTCCGGCGGCAAAGGGCATCATGGTAAATCAGTTATAGTTAATCTTAAAAAGCACCACTGTATCGAAGGGGCCAGCCTCGATGGGGGTGCCTGGAATGGACGAAAGTT GGTATAAAAGGAGGAACTGACTTTAAATCCGTCGGTGCATTGATCGTTTTTGGCTCTTTGGTCGTTTTAATACTGAACGTTT TTGACGCTGCAATCCAGCACGCGAATGTTTTCCAGACCAGTAATATGATATTTCAGGTTTTTGGGCAGTAGGGTCTTCGTT AACGCTACCGGCACCGTCAAATTGCACGACGATATAGTCGCTAAGCGTACTTTGATAATCATGCGGCGGCATTTCTCGTA TTTTGACGTATAACCGCATGCGAGCGAGAAAGGTACGCGACATATGAATATTAGCGGGGATCGCCCGAGCAAATTTTGTTC TGCCATCCCATCGCGATGATCTGCTCAGGGGTATAAATATCAATGTTCTTACTGTCGATACACTGGTTAGTGTCGATGCG ACTTTTTCCCAGACTGGCATCGTAATCGACACCGTTGTATGTCACGCCGAGTTGATAATAACGATCCTGCACCCCCGGAT AGGGGTTTACCCAGGCGTAGACATGCTCGCTTTCAAAGTTGCCGTTGGTATTGTTGTCACAAATAGACGGGAATTTTAATA TGCGCCACCAGATGTACCAAAATAGCAGTTCAGCGCCATTGCAGACTTCAACGGCAGAAATAACAGGCAGATGACGAGCA ATGCGCCGTAATCATCCATGTAACCGAGATAAAACTGGCTGCCGCTATAACTTCCGGTGTTTGTGTTGACCGTACTAAAA GGTGCAACCATCACGGTTTTGAAGCCTGGGAGAACGCCTTTTTCATTTCTCCCCAGATAGGCAATGGTCAGATAATACGC GTAATGCAGCCGGTCGCCAGAACAATTTAATACGACTTTGAATAGCGACCTGAAGTATCGCATGGTCGCTGCTTTTATCC GGAGCGGAGGAATTTCGCGCATATTGTAGAAAAATAGCGTTTCGCGATCGCCAGGTAATTGTGTGGTTGAGGCTTGTTT  $\tt CACAACCCGCACCTGCGATGTCGCTTTCGGTTCCAGACGTTGAATAGGGGGCAAAGCGACCAGAAGAGCATCGCTTTTCT$ TTGTCATTGGCGTTAAACACAATGCGTGTGCGATCGGGTTGCACCGCAGCATTGCAACCCAAGCTGATGGTTAACAACAT  ACCAGGCATGTCCTTCCTCGCCAACCATACCCACGCTAATGCCGCTGTCATCCTGGCGGATATCCGCACCGAGGGGAGGG TGCGGTGAAAGAACCGCTCCAGCTGCTGACGGAACTGTAATCACTGGCGGCATAGGTACCAGAAATATCCCACTCAC  $\tt CCCCAGCTATTACGTTCATCCAGCGTATCGTTCCACGACATGCGGTGTATGGTGCTGTGGCTACTGTTTTGCATGTCATA$ GCCAACCCGACCACCGTTACCGAAGGGGAGCGAAATCGACAGATAAATCTGGTTGTCGCGATCTTTATCTTCGTAGTGGG TCGTATTGAATGACGTCGAAATCGAGATATCTCTCCAGTCACCAATATCAACATTAAAACCTGCTGTGATGTTGGCGGTC GTGGAGGCGTCTGCATTCCACCAGGTTTGATGTAGCAGGTTGGCGTAAAGATTGAGGTTTAGTGGGGTAATCGGTTGGCC GAAAATGACGATCTGAGAAGCGATAAGCGGCGAGCGAAATCGTGCTGTTGGTGGCATCCACTTGTTTGCTGTAATTAAAA  ${\tt CGGTAGCTTAAGCCCCGCTCGTCCTGAGTATCAAAATGGCTACTGGCCCAGGTGACATCAAAGGACAGTGCGCCAAG}$ TGTTTGAGAGCATCCCCCAGGAAACTTCATTGCTAAAAAAGGTTTCATTTTCAGTTTGATGTGACATGGAAGGCCGTGGC TGACCCGCGGCCAATTTATAGCGAACCTGTCCCTGGCGAGTCAGGAAGGGCGTCGATGCTGCCGAAACCTGGAAATTGTT CACCCGACCATCTTCTCCGTCACTTTGACATCCAGCGTGCCCTGAACAGACTGATTGAGGTCATCAATAATAAACGGGC  $\tt CTGGCGGGACTTTTTTCTGGTAAATGACGCGGCCTGATTGACTGATCGTCACCGTGGCATTGGTCTGTGCAATACCGCTA$ ATTTGTGGGGCGTAGCCACGCAGCTCCCACGGTAACATTCGATCGTCACTCGCCAGTGCCGCCGGTATAAGAAAAACC ATCGAAAATATTGGAACTGAAATCGGTTTCGCCGAGGGTTAACTTAGAGCCTAATTGCGGTAATGGACGAAAAAGATAGG TGCGCGATATTCCGCCTGACTGGTCATGGTTATCTTCGCTATCGGTCTTATTAAGCTGGTAATCACTGCGTAAGCGCCAT  ${\tt CCAGCCAGGCTTGCGGAATACTAATATTCAGTTGCTGATTGGCTTGATCGAAATTGAAGAGCATTTCAGGTCGGGAACTG}$ AAATCAATACACCGATCTATCTGTGGCAAGGACTGACGGATATCTGGTTTTAAACCAAATTTATCGACCAGTGAATCATT CGCTAACAAAATATTCACCGGGAGCAATGACTCCTTTTTCCTTTAATAATGAAATATCAATGCGGTCGCGCATTGATTTA AGTTCAGCGTCTGTTCTGATGAGCTTGCATCCAGGTCAAGATCTGGCGCGGCTGAACCTAATACGATGTTACCGTCATTT TTGTCCATCAGTCGTACACCGACCCCAGTTGCTTCGCCTGCACTGGTGTTGCTCAACAAAGGCGTAGCACCAGTTGTCTT TCAAGCGAATGTCGACGGCCACTTTATTGCTATGATGCTCCCGGTTTATATGGGTTGTCGTGACTTGTCCAAGATCTATG TTTTTATCAATATCTTCTGGATGAATTTCACAAGGTGCTTCAATAACCTCCCCCTTAAAGTGAATTTCGCCAGAACCTTC AGTCCTTTAAGGATATAGAATAGGGGTATAGCTACGCCAGAATATCGTATTTGATTATTGCTAGTTTTTAGTTTTGCTTA AAAATATTGTTAGTTTATTAAATGCAAAACTAAATTATTGGTATCATGAATTTGTTGTATGATGAATAAAATATAGGGG GGTATAGATAGACGTCATTTTCATAGGGTTATAAATGCGACTACCATGAAGTTTTTAATTGAAAGTATTGGGTTGCTGAT  ${\tt AATTTGAGCTGTTCTATTCTTTTAAATATCTATATGGTCTGTTAATGGATTTTATTTTTACAATTTTTTTGTGTTTAGG}$ CATATAAAAATCAACCCGCCATATGAACGGCGGGTTAAAAATATTTACAACTTAGCAATCAACCATTAACGCTTGATATCG  $\tt CTTTTAAAGTCGCGTTTTTCATATCCTGTATACAGCTGACGCGGACGGGCAATCTTCATACCGTCACTGTGCATTTCGCT$  $\tt CCAGTGGGCGATCCAGCCAACGGTACGTGCCATTGCGAAAATGACGGTGAACATGGAAGACGGAATACCCATCGCTTTCA$ GGATGATACCAGAGTAGAAATCGACGTTCGGGTACAGTTTCTTCTCGATAAAGTACGGGTCGTTCAGCGCGATGTTTTCC GAACAAATTCCGGAATGTGTTTAACGGAGCTGATTTCTTCCAGCATTTTCAGCGCCGCTTCGTTAGCACCGCCGTGCGCA GGTCCCCACAGTGAAGCAATACCTGCTGCGATACAGGCAAACGGGTTCGCACCCGAAGAGCCAGCGGTACGCACGGTGGA GGTAGAGGCGTTCTGTTCATGGTCAGCGTGCAGGATCAGAATACGGTCCATAGCACGTTCCAGAATCGGATTAACTTCAT  ${\tt ACGGTTCGCACGGCGTGGAGAACATCATATTCAGGAAGTTACCGGCGTAGGAGAGATCGTTGCGCGGGTAAACAAATGGC}$ TGACCAATGGAATACTTGTAACACATCGCGGCCATGGTCGGCATTTTCGACAGCAGGCGGAACGCGGCAATTTCACGGTG GCGAGTCGCGACGGAAGCATGGAACAGACGGGTAATCTGCTCGTGGATCATGGTATGACGGGTCACCGTAGTTTTAAAT TCGTCATACTGTTCCTGAGTCGGTTTTTCACCATTCAGCAGGATGTAACAAACTTCCAGGTAGTTAGAATCGGTCGCCAG CTGATCGATCGGGAAACCGCGGTGCAGCAAAATACCTTCATCACCATCAATAAAAGTAATTTTAGATTCGCAGGATGCGG TTGAAGTGAAGCCTGGGTCAAAGGTGAACACACCTTTTGAACCGAGAGTACGGATATCAATAACATCTTGACCCAGCGTG  $\tt CCTTTCAGCACATCCAGTTCAACAGCTGTATCCCCGTTGAGGGTGAGTTTTGCTTTTGTATCAGCCATTTAAGGTCTCCT$ TAGCGCCTTATTGCGTAAGACTGCCGGAACTTAAATTTGCCTTCGCACATCAACCTGGCTTTACCCGTTTTTTATTTGGC  ${\tt TCGCCGCTCTGTGAAAGAGGGGAAAACCTGGGTACAGAGCTCTGGGCGCTTGCAGGTAAAGGATCCATTGATGACGAATA}$ CTTCCACACTGTTACATAAGTTAATCTTAGGTGAAATACCGACTTCATAACTTTTACGCATTATATGCTTTTCCTGGTAA TGTTTGTAACAACTTTGTTGAATGATTGTCAAATTAGATGATTAAAAATTAAAATGTTGTTATCGTGACCTGGATCA  $\mathtt{CTGTTCAGGATAAAACCCGACAAACTATATGTAGGTTAATTGTAATGATTTTTGTGAACAGCCTATACTGCCGCCAGGTCT$  $\tt CCGGAACACCCTGCAATCCCGAGCCACCCAGCGTTGTAACGTGTCGTTTTCGCATCTGGAAGCAGTGTTTTGCATGACGC$ GCAGTTATAGAAAGGACGCTGTCTGACCCGCAAGCAGACCGGAGGAAATCCCGACGTCTCCAGGTAACAGAAAGTT AACCTCTGTGCCCGTAGTCCCCAGGGAATAATAAGAACAGCATGTGGGCGTTATTCATGATAAGAAATGTGAAAAAAACAA A GACCTGTTAATCTGGACCTACAGACCATCCGGTTCCCCATCACGGCGATAGCGTCCATTCTCCATCGCGTTTCCGGTGTGATCACCTTTGTTGCAGTGGGCATCCTGCTGTGGCTTCTGGGTACCAGCCTCTCTTCCCCTGAAGGTTTCGAGCAAGCTT  $\tt
CCGCGATTATGGGCAGCTTCTTCGTCAAATTTATCATGTGGGGCATCCTTACCGCTCTGGCGTATCACGTCGTCGTAGGTTAGGGT$ ATTCGCCACATGATGATGTTTTTGGCTATCTGGAAGAACATTCGAAGCGGGTAAACGCTCCGCCAAAATCTCCTTTGT TATTACTGTCGTGCTTTCACTTCTCGCAGGAGTCCTCGTATGGTAAGCAACGCCTCCGCATTAGGACGCAATGGCGTACA TGATTTCATCCTCGTTCGCGCTACCGCTATCGTCCTGACGCTCTACATCATTTATATGGTCGGTTTTTTTCGCTACCAGTG  $\tt GCGAGCTGACATATGAAGTCTGGATCGGTTTCTTCGCCTCTGCGTTCACCAAAGTGTTCACCCTGCTGCTGCTGTTTTTCT$ ATCTTGATCCATGCCTGGATCGCCATGTGGCAGGTGTTGACCGACTACGTTAAACCGCTGGCTTTGCGCCTGATGCTGCA  $\tt CCTGTGCGCTGCTCTCAAAGTCTTCCCGACCCGTTCCCATACCGTTTCTGCGCAAGGCGGCATTACCGTTGCGCTGGGT$ AATACCCATGAAGATAACTGGGAATGGCATATGTACGACACCGTGAAAGGGTCGGACTATATCGGTGACCAGGACGCGAT TGAATATATGTGTAAAACCGGGCCGGAAGCGATTCTGGAACTCGAACACATGGGCCTGCCGTTCTCGCGTCTCGATGATG GACCGTACCGGTCACGCACTGTTGCACACGCTTTATCAGCAGAACCTGAAAAACCACCACCACCATTTTCTCCGAGTGGTA TGCGCTGGATCTGGTGAAAAACCAGGATGGCGCGGTGGTGGTTGTACCGCACTGTGCATCGAAACCGGTGAAGTGGTTT ATTTCAAAGCCCGCGCTACCGTGCTGGCGACTGGCGGAGCAGGGCGTATTTATCAGTCCACCACCAACGCCCACATTAAC TTATGGAGCGTTATGCGCCGAACGCCAAAGACCTGGCGGGCCGTGACGTTGCGCGTTCCATCATGATCGAAATCCGT GAAGGTCGCGGCTGTGATGGTCCGTGGGGGCCACACGCGAAACTGAAACTCGATCACCTGGGTAAAGAAGTTCTCGAATC GCTGGACCTGGTGGTCTTTGGTCGCGCGGCAGGTCTGCATCTGCAAGAGTCTATCGCCGAGCAGGGCCGCACTGCGCGATG ATCCGTAAAGCGCTGCAAGAATGTATGCAGCATAACTTCTCGGTCTTCCGTGAAGGTGATGCGATGGCGAAAGGGCTTGA GCAGTTGAAAGTGATCCGCGAGCGTCTGAAAAATGCCCGTCTGGATGACACTTCCAGCGAGTTCAACACCCAGCGCGTTG AGTGCCTGGAACTGGATAACCTGATGGAAACGGCGTATGCAACGGCTGTTTCTGCCAACTTCCGTACCGAAAGCCGTGGC GCGCATAGCCGCTTCCACTTCCCGGATCGTGATGATGAAAACTGGCTGTGCCACTCCCTGTATCTGCCAGAGTCGGAATC ACAGGAAAATGAGACTCGAGTTTTCAATTTATCGCTATAACCCGGATGTTGATGATGCTCCGCGTATGCAGGATTACACC CTGGAAGCGGATGAAGGTCGCGACATGATGCTGCTGGATGCGCTTATCCAGCTAAAAGAGAAAGATCCCAGCCTGTCGTT  $\tt CCGCCGCTCCTGCCGTGAAGGTGTGCGGTTCCGACGGTCTGAACATGAACGCCAAGAATGGTCTGGCCTGTATTACCC$ CGATTTCGGCACTCAACCAGCCGGGCAAGAAGATTGTGATTCGCCCGCTGCCAGGTTTACCGGTGATCCGCGATTTGGTG GTAGACATGGGACAATTCTATGCGCAATATGAGAAAATTAAGCCTTACCTGTTGAATAATGGACAAAATCCGCCAGCTCG  $\tt CGAGCATTTACAGATGCCAGAGCAGCGCGAAAAACTCGACGGGCTGTATGAATGTATTCTCTGCGCATGTTGTTCAACCT$ CGTAAACCGTAGGCCTGATAAGACGCGCAAGCGTCGCATCAGGCAACCAGTGCCGGATGCGGCGTGAACGCCTTATCCGG  $\tt CACATCACTGTGCGTGGTAGTATCCACGGCGAAGTAAGCATAAAAAAGATGCTTAAGGGATCACGATGCAGAACAGCGCT$ TTGAAAGCCTGGTTGGACTCTTCTTACCTCTCTGGCGCAAACCAGAGCTGGATAGAACAGCTCTATGAAGACTTCTTAAC ACTCTCAAACGCGTGAATATTTCCGCCGCCTGGCGAAAGACGCTTCACGTTACTCTTCAACGATCTCCGACCCTGACACC AATGTGAAGCAGGTTAAAGTCCTGCAGCTCATTAACGCATACCGCTTCCGTGGTCACCAGCATGCGAATCTCGATCCGCT TCAACGTCGGTTCATTTGCCAGCGGCAAAGAACCATGAAACTCGGCGAGCTGCTGGAAGCCTCAAGCAAACCTACTGC GGCCCGATTGGTGCCGAGTATATGCACATTACCAGCACCGAAGAAAAACGCTGGATCCAACAGCGTATCGAGTCTGGTCG CAAAATTCCCTGGCGCAAAACGCTTCTCGCTGGAAGGCGGTGACGCGTTAATCCCGATGCTTAAAGAGATGATCCGCCAC GCTGGCAACAGCGGCACCCGCGAAGTGGTTCTCGGGATGGCGCACCGTGGTCGTCTGAACGTGCTGGTGAACGTGCTGGG TAAAAAACCGCAAGACTTGTTCGACGAGTTCGCCGGTAAACATAAAGAACACCTCGGCACGGGTGACGTGAAATACCACA  $\tt TGGGCTTCTCGTCTGACTTCCAGACCGATGGCGGCCTGGTGCACCTGGCGCTTTAACCCGTCTCACCTTGAGATT$ GTAAGCCCGGTAGTTATCGGTTCTGTTCGTGCCCGTCTGGACAGACTTGATGAGCCGAGCAGCAACAAAGTGCTGCCAAT  ${\tt CCGTACTGTACTGATATCGGTAAGATGGTTCAGGCCCCGATTTTCCACGTTAACGCGGACGATCCGGAAGCCGTTGCCTT}$ TGTGACCCGTCTGGCGCTCGATTTCCGTAACACCTTTAAACGTGATGTCTTCATCGACCTGGTGTGCTACCGCCGTCACG GCCACAACGAAGCCGACCGAGCCGAGCCCAGCCGCTGATGTATCAGAAAATCAAAAAACATCCGACACCGCGCAAA ATCTACGCTGACAAGCTGGAGCAGGAAAAAGTGGCGACGCTGGAAGATGCCACCGAGATGGTTAACCTGTACCGCGATGC GCTGGATGCTGGCGATTGCGTAGTGGCAGAGTGGCGTCCGATGAACATGCACTCTTTCACCTGGTCGCCGTACCTCAACC GAAGCAGTTGAAATGCAGTCTCGCGTTGCCAAGATTTATGGCGATCGCCAGGCGATGGCTGCCGGTGAGAAACTGTTCGA GTCGCGGTACCTTCTCCACCGCCACGCGGTGATCCACAACCAGTCTAACGGTTCCACTTACACGCCGCTGCAACATATC GGGCCGGAGCACTCCTCCGCGCGTCTGGAACGTTATCTGCAACTTTGTGCTGAGCAAAACATGCAGGTTTGCGTACCGTC TACCCCGGCACAGGTTTACCACATGCTGCGTCGTCAGGCGCTGCGCGGGATGCGTCGTCCGCTGGTCGTCGTCGCCGA TCGTAAGAACAATCAACACGATGTCGCCATTGTGCGTATCGAGCAACTCTACCCGTTCCCGCATAAAGCGATGCAGGAAG TGTTGCAGCAGTTTGCTCACGTCAAGGATTTTGTCTGGTGCCAGGAAGAGCCGCTCAACCAGGGCGCATGGTACTGCAGC AATGAGTAGCGTAGATATTCTGGTCCCTGACCTGCCTGAATCCGTAGCCGATGCCACCGTCGCAACCTGGCATAAAAAAC  $\tt GACGGCATTCTGGATGCGGTTCTGGAAGATGAAGGTACAACGGTAACGTCTCGTCAGATCCTTGGTCGCCTGCGTGAAGGTACGTCTCGTCAGATCCTTGGTCGCCTGCGTGAAGGTACGTCTCGTCAGATCCTTGGTCGCCTGCGTGAAGGTACGTCTCGTCAGATCCTTGGTCGCCTGCGTGAAGGTACGTCTCGTCAGATCCTTGGTCGCCTGCGTGAAGGTACGTCTCGTCAGATCCTTGGTCGCCTGCGTGAAGGTACGTCTCGTCAGATCCTTGGTCGCCTGCGTGAAGGTACAGTCTCTGGTCAGATCCTTGGTCGCCTGCGTGAAGGGTACAGTCTCTGGTCAGATCCTTGGTCGCCTGCGTGAAGGGTACGTCTCGTCAGATCCTTGGTCGCCTGCGTGAAGGGTACAGTCTCTGGTCAGATCCTTGGTCGCCTGCGTGAAGGGTACAGTCTCTGGTCAGATCCTTGGTCGCCTGCGTGAAGGGTACAGTCTCTGGTCAGATCCTTGGTCGCCTGCGTGAAGGGTACAGTCTCTGGTCAGATCCTTGGTCAGATCCTTGGTCAGATCCTTGGTCAGATCCTTGGTCAGATCAG$ CAACAGCGCCGGTAAAGAAACCAGCGCCAAATCTGAAGAGAAAGCGTCCACTCCGGCGCAACGCCAGCAGGCGTCTCTGG GGCACCGGTGTGGGTCGTCTGACTCGTGAAGATGTGGAAAAACATCTGGCGAAAGCCCCGGCGAAAGAGTCTGCTCC GGCAGCGGCTGCTCCGGCGGCGCAACCGGCTCTGGCTGCACGTAGTGAAAAACGTGTCCCGATGACTCGCCTGCGTAAGC GTGTGGCAGAGCGTCTGCTGGAAGCGAAAAACTCCACCGCCATGCTGACCACGTTCAACGAAGTCAACATGAAGCCGATT AGCGGTGGTTGAAGCCCTGAAACGTTACCCGGAAGTGAACGCTTCTATCGACGGCGATGACGTGGTTTACCACAACTATTGACATCGAGAAGAAAATCAAAGAGCTGGCAGTCAAAGGCCGTGACGGCAAGCTGACCGTTGAAGATCTGACCGGTGGTAA  $\tt CTTCACCATCACCAACGGTGTGTTTCGGTTCCCTGATGTCTACGCCGATCATCAACCCGCCGCAGAGCGCAATTCTGG$ GTATGCACGCTATCAAAGATCGTCCGATGGCGGTGAATGGTCAGGTTGAGATCCTGCCGATGATGTACCTGGCGCTGTCC TACGATCACCGTCTGATCGATGGTCGCGAATCCGTGGGCTTCCTGGTAACGATCAAAGAGTTGCTGGAAGATCCGACGCG TCTGCTGCTGGACGTGTAGTAGTTTAAGTTTCACCTGCACTGTAGACCGGATAAGGCATTATCGCCTTCTCCGGCAATTG AAGCCTGATGCGACGCTGACGCGTCTTATCAGGCCTACGGGACCACCAATGTAGGTCGGATAAGGCGCAAGCGCCGCATC  ${\tt CGACAAGCGATGCCTGATGTGACGTTTAACGTGTCTTATCAGGCCTACGGGTGACCGACAATGCCCGGAAGCGATACGAA}$ ATATTCGGTCTACGGTTTAAAAGATAACGATTACTGAAGGATGGACACACATGAACTTACATGAATATCAGGCAAAA CAACTTTTTGCCCGCTATGGCTTACCAGCACCGGTGGGTTATGCCTGTACTACTCCGCGCGAAGCAGAAGAAGCCGCTTC GGCCAACCGGTTAACCAGATTCTGGTTGAAGCAGCGACCGATATCGCTAAAGAGCTGTATCTCGGTGCCGTTGTTGACCG TAGTTCCCGTCGTGTGGTCTTTATGGCCTCCACCGAAGGCGGCGTGGAAATCGAAAAAGTGGCGGAAGAAACTCCGCACC TGATCCATAAAGTTGCGCTTGATCCGCTGACTGGCCCGATGCCGTATCAGGGACGCGAGCTGGCGTTCAAACTGGGTCTG GAAGGTAAACTGGTTCAGCAGTTCACCAAAATCTTCATGGGCCTGGCGACCATTTTCCTGGAGCGCGACCTGGCGTTGAT TGTTCCGCCAGCCTGATCTGCGCGAAATGCGTGACCAGTCGCAGGAAGATCCGCGTGAAGCACAGGCTGCACAGTGGGAA TAAACTGCACGGCGGAACCGGCTAACTTCCTTGACGTTGGCGGCGGCGCAACCAAAGAACGTGTAACCGAAGCGTTCA GACGGTATCATCGGCGCGGTAGCAGAAGTGGGTGTTAACGTACCGGTCGTGGTACGTCTGGAAGGTAACAACGCCGAACT CGGCGCGAAGAACTGGCTGACAGCGGCCTGAATATTATTGCAGCAAAAGGTCTGACGGATGCAGCTCAGCAGGTTGTTG  ${\tt
CCGCAGTGGAGGGGAAATAATGTCCATTTTAATCGATAAAAACACCAAGGTTATCTGCCAGGGCTTTACCGGTAGCCAGGCCAGGGCCAGGGCTTACCGGTAGCCAGGCCAGGGCTTATCTGCCAGGGCTTTACCGGTAGCCAGGCCAGGCCAGGGCTTATCTGCCAGGGCTTTACCGGTAGCCAGGCCAGGCCAGGGCTTATCTGCCAGGGCTTTACCGGTAGCCAGGCAGGCAGGCCAGGCCAGGCCAGGCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGG$ GGACTTTCCACTCAGAACAGGCCATTGCATACGGCACTAAAATGGTTGGCGGCGTAACCCCAGGTAAAGGCGGCACCACC AGCACCGTTCTGCAAAGACTCCATTCTGGAAGCCATCGACGCAGGCATCAAACTGATTATCACCATCACTGAAGGCATCC ATCACTCCGGGTGAATGCAAAATCGGTATCCAGCCTGGTCACATTCACAAACCGGGTAAAGTGGGTATCGTTTCCCGTTC GGTGAGATCGGCGGTAGCGCTGAAGAAGAAGCAGCTGCGTACATCAAAGAGCACGTTACCAAGCCAGTTGTGGGTTACAT CGCTGGTGTGACTGCGCCGAAAGGCAAACGTATGGGCCACGCGGGTGCCATCATTGCCGGTGGGAAAGGGACTGCGGATG AGAAATTCGCTGCTCTGGAAGCCGCAGGCGTGAAAACCGTTCGCAGCCTGGCGGATATCGGTGAAGCACTGAAAACTGTT CTGAAATAAATATCTGTAATAAGAAATAGCCCTCGCCGCTTCCCTCTACAGGAATGGCGAAGGGCTGTCGGTTTCGACAT GGTTGGCCATCGTATGATGGCCTTTTTTGTGCTTATCGCGATGATTTTCGCTGCGCTATCAGGGTAAATTTATAGTCATC GGTATTAAAAGCGTTGCGGCTATATTCAAACACCCGACCATCAACTAAATATCCACGCGATACTTTTTCAAGAATCGGCT ACCATTTTCTTCACTTCTTCGATAAAGTGATATTTCGAATTTTCCATGACCTGCCAGGTGAGATCCGGGAACAACGCAAG GGGTGATTTGTAGCTGTTGCTGAAGAAAATCGTCAGCCGGAATCACTTCGAATATCAGAACTTCACTGTGTGTATCGACG TGACGGTCCGACAGTTTTTCATCAAAACTGGTTAACTGAAAAATATCGTAATTGACCCGCTCTTCTTTGACGTAAGTCCC GCTGCCCTGAATGCTTTCGAGGATCTGCTGCTCGACTAGCTGGCGCAAAGCCTGACGCACCGTAACCCGGCTGACGCCAA ACTCTGTTTGTAGCGCTGATTCAGTGGGTAACGCATCGCCAGGTTTAAGCTCGCCACGCGCAATTTGTTCACGAATGCGA TCGGCAATCTGCCGGTATAAGGGCTTGTGTCCCATTTTTAGTATCTCATTAATACGAATTTAACCATTATGCCCGATAAA TTCATCCTGTAAATACAAATACAATACAAATACAAATACAATCAAGTGAAATTGATCACATAATGGTATTGTTTTATCG GGCACACTGGCGCGACTATAAAAACGATCAAGTGAGGATCATGATGAATCTGACGACTCTGACCCACCGCGATGCGTTGT GTCTGAATGCGCGCTTTACCAGCCGTGAAGAGGCCATCCACGCGTTGACTCAACGTCTTGCTGCTCTGGGGAAAATTTCC GCATGCCAAAACTGCTGCGGTAAAAGAAGCGGCGTTTGCGGTCGCCACACTCAGCGAGCCGCTTCAGTGGGAAGGCGTTG ATGGCCCGGAAGCAGTTGATTTAGTGGTGCTGCTGCGATTCCCCCCAATGAAGCGGGTACTACGCATATGCAACTGCTG GGCGCTGGATGACAAGGGAGGCACCTTCTTCTCCCTCTTTTTCCAACGCGCCAACTATCGTCTGCGTAACGGCCTGTC  ${\tt CGGCGGGTATTGCTCACACCTATATGGCTGCGGAATATCTGGAAAAAGCCGGACGCAAACTCGGCGTAAATGTTTACGTT}$ GAAAAACAAGGCGCTAACGGCATTGAAGGGCGTTTAACGGCGGATCAACTCAATAGTGCAACCGCCTGTATTTTTGCGGC TGAAGTCGCCATCAAGGAGAGTGAGCGTTTTAATGGCATTCCCGCGCTTTCAGTGCCTGTTGCCGAGCCGATTCGCCATG CAGAAGCGTTGATCCAACAAGCGCTTACCCTCAAGCGTAGCGATGAGACGCGTACCGTACAGCAAGATACGCAACCGGTG GGTGCTGGCGGTCGCGGTATTACTGTCGCAAATCTTCGGGCTACAAGATCTGTTTAATGAAGAAAACTCCTGGCTGTGGA TGTACCGCAAGCTGGGCGGCGGCTGCTCGGAATTTTGATGGTACCGGTGCTCGCGGCCTATACCGCCTATTCTCTGGCA GATAAACCGGCGTTAGCGCCAGGCTTTGCGGCTGGACTTGCCGCCAACATGATCGGCTCCGGGTTTCTCGGCGCGGTCGT TGGCGGATTGATAGCCGGTTACTTGATGCGCTGGGTGAAAAATCACTTGCGTCTTAGCAGTAAATTCAATGGATTCCTGA ATCAATAACTCGCTTACCGCCTGGACGGTCTGTCAGGAAGTAACGCGCTGTTGCTGGGTGCCATTCTCGGTTTTAT GTGTTCCTTTGACCTTGGAGGGCCAGTGAATAAAGCCGCTTATGCATTCTGCCTGGGCGCAATGGCGAACGGCGTTTACG GCCCGTATGCCATTTTCGCCTCCGTCAAAATGGTTTCGGCATTTACCGTAACCGCTTCCACGATGCTCGCACCGCGCCTG TTTAAAGAGTTTGAAATTGAGACCGGGAAATCCACCTGGCTGTTAGGGCTGGCAGGTATTACCGAAGGGGCGATCCCGAT GGCGATTGAAGATCCGCTGCGGGTTATTGGTTCGTTTGTGCTGGGCTCTATGGTAACGGGCGCTATTGTCGGTGCGATGA GCAATTGGCTGGTTTGGCGCGCATTGGTGGGGGCTCCAATCTCGACTGCAATTCTCCTGATGTGGCGGCGTCACGCGGT TAAGCATGCAACTATCTGACTGATGCCGTAATGCCATAAACAAAAAGGAAACGACGATGAAAGCAGTATCTCGCGTTCA CATCACCCCGCATATGCACTGGGATCGAGAGTGGTATTTCACCACCGAAGAGTCACGTATTCTGCTGGTCAATAATATGG AAGAGATCCTGTGCCGACTGGAACAGGACAACGAATACAAATATTACGTACTCGACGGCCAAACGGCGATCCTCGAAGAT TATTTCGCGGTGAAACCGGAAAACAAGACCGTGTGAAGAACCAGGTAGAAGCCGGCAAGTTGATTATCGGCCCCTGGTA TACCCAGACCGATACCACGATTGTTTCTGCGGAATCCATCGTCCGTAATCTGATGTACGGAATGCGTGACTGCCTCGCGT  ${\tt TTGGCGAGCCGATGAAAATAGGTTATTTACCAGATTCCTTTGGCATGTCCGGGCAACTGCCGCATATCTACAATGGATTT$ GGCATTACCCGCACCATGTTCTGGCGCGGATGTTCGGAGCGCCACGGTACTGATAAAACCGAGTTTTTGTGGCAAAGCAG TGACGGTAGCGAAGTGACGGCGCAGGTGCTGCCGCTGGGCTACGCCATCGGTAAGTACTTACCTGCCGACGAAAACGGAT TACGTAAACGCCTCGACAGTTATTTTGACGTGCTGGAAAAAGCGTCTGTAACCAAAGAGATTTTGCTGCCGAATGGGCAT GACCAGATGCCATTGCAGCAAAATATCTTCGAAGTGATGGATAAGCTACGTGAGATCTACCCTCAACGTAAGTTTGTGAT GAGCCGCTTTGAAGAGGTATTTGAGAAGATCGAAGCGCAGCGAGATAATCTGGCAACCCTGAAAGGGGAATTTATTGATG GCAAATATATGCGCGTGCATCGCACCATCGGTTCTACGCGTATGGATATCAAAATTGCCCACGCGCGTATTGAAAATAAG ATTGTTAATCTGCTGGAACCGCTGGCAACACTGGCCTGGACGTTTGGGTTTTGAATACCACCACGGCTTGCTGGAGAAAAT GTGGAAAGAGATCTTAAAAAAATCATGCCCACGACAGTATCGGCTGCTGCTGTAGTGACAAAGTTCATCGCGAAATCGTCG  ${\tt CCCGCTTCGAACTGGCTGAAGACATGGCGGATAATCTGATTCGTTTCTACATGCGCAAAATTGCCGACAACATGCCGCAG}$ AGCGACGCCGACAAACTCGTCCTGTTTAACCTGATGCCCTGGCCGCGTGAAGAAGTTATCAACACCACTGTGCGGCTGCG GCCTAATCGATCGCCAAATAGTTCATTACGGTAATTACGATCCCTTTATGGAGTTTGATATACAGATCAACCAGATTGTC GATACTGGAAAATGCTTTCTGGCAAATTGCGCTCAATGAGGATGGTTCTCTGCAACTGGTAGATAAAGACAGCGGTGTGC GCTATGACCGGGTATTGCAAATTGAAGAAAGCTCTGATGATGGTGATGATATGACTATTCACCCGCAAAAGAAGAGTGG GTAATTACCGCAGCGAACCGCAAACCGCAATGCGATATTATTCATGAAGCCTGGCAGAGCAGGGCTGTTATCCGCTATGA TTAGTCATAACAGCAGGCGTATTGATGTGGATATCAATCTTGATAACCAGGCTGACGATCATCGCCTTCGTGTCCTGGTC GAACAACTGGCAGCAAGAAGGCTGGAAAGAAGCGCCGGTTCCGGTATGGAATATGCTCAACTATGTTGCCTTACAGGAAG GGCGTAACGGCATGGCTGTCTTTAGCGAAGGGTTACGTGAATTTGAAGTCATCGGTGAAGAAGAAAACCTTTGCCATT AGTCCCGGACTCACAACTACGTGGTCTGCTTTCTTGTCGCCTAAGTTTATTGAGTTATACCGGTACGCCAACCGCCGCTG GTGTAGCTCAGCAGGCGCGAGCATGGCTGACTCCAGTACAGTGTTACAACAAAATCCCATGGGATGTGATGAAGCTCAAC AAAGCCGGATTCAACGTGCCGGAAAGTTATAGTTTGTTGAAAATGCCCCCAGTGGGATGCCTGATAAGCGCACTTAAGAA AGCTGAAGACCGACAAGAAGTGATTTTACGGCTGTTTAATCCGGCTGAATCAGCAACCTGTGATGCGACTGTTGCTTTCA GTCGCGAGGTGATTTCTTGCTCAGAAACGATGATGGATGAACACATTACCACCGAGGAAAATCAAGGTTCAAATCTATCG GGGCCTTTTTTACCCGGCCAGTCACGGACGTTCAGTTACCGGCTTGCCTGAATAGCAATCAAACCGAAGCCACATATGCG ATTCAATATATTGCAGAGATGATGTAGACACTGGCAAGCGTAGCGCATCAGGTAATTTTGCGTTTATCTTCACTCTCAAG GTTAATATTGGCGGGGTGGATTTATTGCCTTTATTAGTAATCCTGAAACTCTGCGTCGTATTAGCCAGTGACCAAAAAAAG AATTAAGGTCAACCGTGCTGTTTTTGCTCGTCTCTTTTTATCTTTAATTGCCAACCGAAACTAATTTCAGCCTTATAAC TCACACATTTTAAACATAAATGTCACTAAAGTTACCTTATTGAAACATGATTAACATAATTTGTAGGAATTGATATTTAT  ${\tt CAATGTATAAGTCTTGGAAATGGGCATCAAAAAGAGATAAATTGTTCTCGATCAAAATTGGCTGAAAGGCGGTAATTTAGC}$ TATAAATTGATCACCGTCGAAAAATGCAAATTTGCTTCAACAAAAACCTGTTTATTGTAAGGATTTTGCGGCGTAATATA ATGAGCAAGGAGTCATGATGTTAGATATAGTCGAACTGTCGCGCTTACAGTTTGCCTTGACCGCGATGTACCACTTCCTT TTTGTGCCACTGACGCTCGGTATGGCGTTCCTGCTGGCCATTATGGAAACGGTCTACGTCCTCTCCGGCAAACAGATTTA TAAAGATATGACCAAGTTCTGGGGCAAGTTGTTTGGTATCAACTTCGCTCTGGGTGTGGCTACCGGTCTGACCATGGAGT TCCAGTTCGGGACTAACTGGTCTTACTATTCCCACTATGTAGGGGATATCTTCGGTGCGCCGCTGGCAATCGAAGGTCTG ATGGCCTTCTTCCTCGAATCCACCTTTGTAGGTCTGTTCTTCTTCTGGGTTGGGATCGTCTGGGTAAAGTTCAGCATATGTG TGTCACCTGGCTGGTGGCGCTCGGTTCAAACCTGTCCGCACTGTGGATTCTGGTTGCGAACGGCTGGATGCAAAACCCAA TCGCGTCCGATTTCAACTTTGAAACTATGCGTATGGAGATGGTGAGCTTCTCCGAGCTGGTGCTTAACCCGGTTGCTCAG  ${\tt GTGAAATTCGTTCACACTGTAGCGTCTGGTTATGTGACTGGCGCGATGTTCATCCTCGGTATCAGCGCATGGTATATGCT}$ GAAAGGTCGTGACTTCGCCTAAACGCTCCTTTGCTATCGCTGCCAGCTTCGGTATGGCTGCTGTTCTGTCTTTA TTGTTCTGGGTGATGAATCCGGCTACGAAATGGGCGACGTGCAGAAAACCAAACTGGCTGCTATTGAAGCCGAGTGGGAA  ${\tt ACGCAACCTGCTGCTGCTTTACTCTGTTCGGCATTCCTGATCAGGAAGAGGAGAGACAAATTTGCGATTCAGAT}$ CCCTTACGCACTGGCATCATTGCAACGCGTTCCGTGGATACCCCGGTTATCGGCCTGAAAGAGCTGATGGTGCAGCATG AAGAACGCATTCGTAACGGGATGAAGGCGTACTCTCTGCTCGAACAACTGCGTTCTGGTTCTACCGACCAGGCGGTTCGT GACCAGTTCAATAGCATGAAGAAGACCTCGGTTACGGTCTGCTGCTGAAACGCTATACGCCAAACGTGGCTGATGCGAC TGAAGCGCAGATTCAACAGGCAACCAAAGACTCCATCCCGCGTGTAGCGCCGCTGTACTTTGCGTTCCGTATCATGGTGG  TGGTGCTGATTTGCGGCCTGTATACCCTGTTCCTGGTGGCAGAATTGTTCTTAATGTTCAAGTTTGCACGCCTCGGCCCA AGCAGCCTGAAAACCGGTCGCTATCACTTTGAGCAGTCTTCCACGACTACTCAGCCGGCACGCTAAGACAGGAGTCGTCA GTTTCGACATGGGGGTGGCATGCTCACCCGTTTCCTCGGTCGTAACGACACCGAGCGTCGAATTATGATTAACTCCATT GCTCCAAGATTGAAGAAACCCGCTGGCGTAACATGTGGGACTGGGGCATCTTCATTGGTAGCTTCGTTCCGCCGCTGGTA ATTGGTGTAGCGTTCGGTAACCTGTTGCAGGGCGTACCGTTCAACGTTGATGAATATCTGCGTCTGTACTACACCGGTAA ATCTGCAAATGCGTACCGTGGGCGAACTGCACCTGCGTACCCGTGCAACGGCTCAGGTGGCTGCGCTGGTGACACTGGTC TGTTTCGCACTGGCTGTGTTGTGGTTATGTCGTTATGTCGTGAAATCGACAATGGACCATTACGCAGC CTATTCCGGCACTGGGTGTGGTTCTGCCGCTGCTGACCATCCTGACTGCACGTATGGATAAAGCCGCGTGGGCGTTTGTG TTCTCCTCCCTGACGCTGCCTCCATCATCCTGACAGCCGGTATCGCAATGTTCCCGTTTGTGATGCCGTCCAGCACCAT TGGTACCGATCATTCTGCTCTACACCGCCTGGTGTTACTGGAAAATGTTCGGTCGTATCACCAAAGAAGATATTGAACGT TTTGGGGTAATCACCGCGCTTGGCGCTTGAACACGTCGAATCAGGCAAAGCCGGTCAAGAAGACATCTGATGAGTAAGATT ATCGCGACTTTGTATGCGGTAATGGACAAGCGCCCCCTGCGGGCGCTTTCCTTCGTGATGGCGCTTCTGTTAGCAGGATG GATATTGTTCTCATTGTCGGGCTGATTTTCTTCTTCTTTTAAATCAGAATTCTCTTTAAAAAAATTATGGGCCGCTCCAGG
TCTAACTTTTGTTGCATTACCGGGATGTAAAGTGAATACAACGCTGTTTCGATGGCCGGTTCGCGTCTACTATGAAGATA  $\tt CACTTCAGTCAGCAGGCGCTGATGGCTGAACGCGTTGCCTTTGTGGTACGTAAAATGACGGTGGAATATTACGCACCTGC$ GCGGCTCGACGATATGCTCGAAATACAGACTGAAATAACATCAATGCGTGGCACCTCTTTGGTTTTCACGCAACGTATTG TCAACGCCGAGAATACTTTGCTGAATGAAGCAGAGGTTCTGGTTGTTTGCGTTGACCCACTCAAAATGAAGCCTCGTGCG GTTAAACTTATCATGTTGATTTGATTGGTTTTTCAATCGCATCTTGGGCCATTATTATCCAGCGGACCCGTATTCTTAA AATAGCCATGCGCCGGAAGCCGTAGTGGAAGGGGCGTCGCGTGCTATGCGTATCTCCATGAACCGTGAACTTGAAAATCT GGAAACGCACATTCCGTTCCTCGGTACGGTTGGCTCCATCAGCCCGTATATTGGTCTGTTTGGTACGGTCTGGGGGGATCA TGCACGCCTTTATCGCCCTCGGGGCGGTAAAACAAGCAACACTGCAAATGGTTGCGCCCGGTATCGCAGAAGCGTTGATT GGTAAGCCATGGCCAGAGCGCGTGGACGACGTCGTCGCGATCTCAAGTCCGAAATCAACATTGTACCGTTGCTGGACGTA TGAATCACAGGCGGTGAGCAGTAACGATAATCCGCCAGTGATTGTTGAAGTGTCTGGTATTGGTCAGTACACCGTGGTGG TTGAGAAAGATCGCCTGGAGCGTTTACCACCAGAGCAGGTGGTGGCGGAAGTGTCCAGCCGTTTCAAGGCCAACCCGAAA ACGGTCTTTCTGATCGGTGGCGCAAAAGATGTGCCTTACGATGAAATAATTAAAGCACTGAACTTGTTACATAGTGCGGG GTTCGTCCATCGACGCTGTCATGGTTGATTCAGGTGCGGTAGTTGAGCAGTACAAACGCATGCAAAGCCAGGAATCAAGC GCGAAGCGTTCTGATGAACAGCGCAAGATGAAGGAACAGCAGGCTGCTGAAGAACTGCGTGAGAAACAAGCGGCTGAACA GGAACGCCTGAAGCAACTTGAGAAAGAGCGGTTAGCGGCTCAGGAGCAGAAAAAGCAGGCTGAAGAAGCCGCAAAACAGG  ${\tt CCGAGTTAAAGCAGAAGCTGAAGAGGCGGCAGCGAAAGCGGCGCAGATGCTAAAGCGAAGGCCGAAGCAGATGCT}$ AAAGCTGCGGAAGAAGCAGCGAAGAAAGCGGCTGCAGACGCAAAGAAAAAAGCAGAAGCAGAAGCCGCCAAAGCCGCAGC CGAAGCGCAGAAAAAAGCCGAGGCAGCCGCTGCGGCACTGAAGAAGAAGCGGAAGCGGCAGAAGCAGCTGCAGCTGAAG CAAGAAAGAAAGCGGCAACTGAAGCTGCTGAAAAAGCCAAAGCAGAAGCTGAGAAAAGCGGCTGCTGAAAAAGGCTGCA GCTGATAAGAAAGCGGCAGCAGAAAAGCTGCAGCCGACAAAAAAGCCAGCAGAAAAAAGCGGCTGCTGAAAAAGCCAGCAGC TGATAAGAAAGCAGCGGCAGAAAAAGCCGCCGCAGACAAAAAAGCGGCAGCGAAAAGCTGCAGCTGAAAAAGCCGCTG CAGCAAAAGCGGCCGCAGAGGCAGATGATATTTTCGGTGAGCTAAGCTCTGGTAAGAATGCACCGAAAACGGGGGGGAGGG GCGAAAGGGAACAATGCTTCGCCTGCCGGGAGTGGTAATACTAAAAACAATGGCGCATCAGGGGCCGATATCAATAACTA TGCCGGGCAGATTAAATCTGCTATCGAAAGTAAGTTCTATGACGCATCGTCCTATGCAGGCAAAACCTGTACGCTGCGCA TAAAACTGGCACCCGATGGTATGTTACTGGATATCAAACCTGAAGGTGGCGATCCCGCACTTTGTCAGGCTGCGTTGGCA GCAGCTAAACTTGCGAAGATCCCGAAACCACCAAGCCAGGCAGTATATGAAGTGTTCAAAAACGCGCCATTGGACTTCAA  ${\tt ACCGTAATCGCGATGTTGACTGTTCGGACGGTCAACATCAGGCACCGGTTGCCACGGGGTTCTGGTAGTTTTGTGTATTT}$ TAGTTTGTTAACATTCTGCTAAATTATCGTGGGCCATCGGTCCAGATAAGGGAGATATGATGAAGCAGGCATTACGAGTA GCATTTGGTTTTCTCATACTGTGGGCATCAGTTCTGCATGCTGAAGTCCGCATTGTGATCGACAGCGGTGTAGATTCCGG TCGTCCTATTGGTGTTCCTTTCCAGTGGGCGGGCCCTGGTGCGGCACCTGAAGATATTGGCGGCATCGTTGCTGCTG  ${\tt ACTTGCGTAACAGCGGTAAATTTAATCCGTTAGATCGCGCTCGTCTGCCACAGCAGCCGGGTAGTGCGCAGGAAGTACAA}$  $\tt CCAGCTGCATGGTCCGCACTGGGCATTGACGCTGTAGTTGTCGGTCAGGTCACTCCGAATCCGGATGGTTCTTACAATGT$ TGCTTATCAACTTGTTGACACTGGCGGCGCACCGGGTACTGTACTTGCTCAGAACTCGTACAAAGTGAACAAGCAGTGGC TGCGTTATGCTGGTCATACCGCCAGTGATGAAGTGTTTGAAAAACTGACCGGCATTAAAGGTGCGTTCCGTACTCGTATT GCCTACGTTGTTCAGACCAACGGCGGTCAGTTCCCGTATGAACTGCGCGTATCTGACTATGACGGTTACAACCAGTTTGT CGTTCACCGTTCACCGCAGCCGCTGATGTCTCCGGCGTGGTCACCAGACGGTTCTAAACTGGCTTATGTGACCTTCGAAA GCGGTCGTTCCGCGCTGGTTATTCAGACGCTGGCAAATGGCGCTGTACGTCAGGTGGCTTCATTCCCGCGTCACAACGGT GCACCTGCATTCTCGCCAGACGGCAGCAACTGGCATTCGCCTTGTCGAAAACCGGTAGTCTGAACCTGTACGTAATGGA TTTGGCTTCTGGTCAGATCCGCCAGGTGACTGATGGTCGCAGTAACAATACCGAACCGACCTGGTTCCCGGATAGCCAGA ACCTGGCATTTACTTCTGACCAGGCCGGTCGTCCGCAGGTTTATAAAGTGAATATCAACGGCGGTGCGCCACAACGTATT  ${\tt ACCTGGGAAGGTTCGCAGAACCAGGATGCGGATGTCAGCAGCGACGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGCACGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGCACGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGCACGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGCACGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGTAGATGGTCAGCTCCAATGGTGGTAATGGTCAGCTCCAATGGTGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGTAATGGTCAGCTCCAATGGTGGTAATGGTCAGCTCCAATGGTGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGTGGTAGATGGTCAGCTCCAATGGTGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGTGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGTAGATGGTGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGTGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGTGAGATGTGAGATGGTAATGGTCAGCTCCAATGGTGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGTAAATTTATGGTAATGGTCAGCTCCAATGGTGGTAGATGGTGAGATGGTAATGAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGAATGGTAATGGTAATGGTAATGGTAATGGTAATGGTAATGA$ GCAGCAGCACATTGCCAAACAAGATCTGGCAACGGGAGGCGTACAAGTTCTGTCGTCCACGTTCCTGGATGAAACGCCAA GTCTGGCACCTAACGGCACTATGGTAATCTACAGCTCTTCTCAGGGGATGCGATCCGTGCAGATTTGGTTTCTACAGAT AATTGAATAGTAAAGGAATCATTGAAATGCAACTGAACAAGTGCTGAAAGGGCTGATGATTGCTCTGCCTGTTATGGCA ATTGCGGCATGTTCTTCCAACAGAACGCCAGCAATGACGCCAGCGAAGGCATGCTGGGTGCCGGCACTGGTATGGATGC GAACGGCGGCAACGGCAACATGTCTTCCGAAGAGCAGGCTCGTCTGCAAATGCAACAGCTGCAGCAGAACAACATCGTTT  $\tt CCGTCTTACAAAGTCACCGTAGAAGGTCACGCGGACGAACGTGGTACTCCGGGAATACAACATCTCCCTGGGTGAACGTCG$ TGCGAACGCCGTTAAGATGTACCTGCAGGGTAAAGGCGTTTCTGCAGACCAGATCTCCATCGTTTCTTACGGTAAAGAAA AACCTGCAGTACTGGGTCATGACGAAGCGGCATACTCCAAAAACCGTCGTGCGGTACTGGTTTACTAAGAGAATTGCATG TTTTAACCCAACTCCAGCAACACTTTCTGATAATCAATCCGATATTGATTCCCTGCGTGGTCAGATTCAGGAAAATCAG TATCAACTGAATCAGGTCGTGGAGCGGCAAAAGCAGATCCTGTTGCAGATCGACAGCCTCAGCAGCGGTGGTGCAGCGGC GCAATCAACCAGCGGCGATCAAAGCGGTGCGGCGGCATCAACGACGCCGACAGCTGATGCTGGTACTGCGAATGCTGGCG GCAATGGTGGCATTTCAGAATTTCATCAAAAATTACCCTGATTCAACTTACCTGCCAAACGCCAATTATTGGCTGGGTCA GTTAAACTACAACAAGGGTAAAAAAGATGATGCGGCGTACTATTTTGCTTCGGTAGTGAAAAACTATCCGAAGTCACCAA AGGCTGCAGATGCGATGTTTAAAGTCGGCGTCATCATGCAGGACAAAGGTGACACCGCAAAAGCCGAAAGCCGTATACCAG CGACCAGAAGTCGCATTATTTCTGGTCGTGTCGTGCGAATCATAAGCAGTTGAGTGATCTACATCGAAATTTTTGTTGCG  TAGCTCAGTTGGTAGAGCAGTTGACTTTTAATCAATTGGTCGCAGGTTCGAATCCTGCACGACCCACCAATCGCTAAGGT GGAAGCGGTAGTAAAACGTGAAGGATAACGTTGCATGAGCAACGGCCCGAAGGGCGAGACGAAGTCGAGTCATCCTGCAC GACCCACCACTAACATAGTTAGTTGTAGTATCCAGCGTAGTATCGGGTGATTAGCTCAGCTGGGAGAGCACCTCCCTTAC  ${\tt AAGGAGGGGTCGGCGGTTCGATCCCGTCATCACCCACCGGGTCGTTAGCTCAGTTGGTAGAGCAGTTGACTTTTAA}$ TCAATTGGTCGCAGGTTCGAATCCTGCACGACCCACCAGTTTTAACATCGAAGACAGATGTTAAGCGTGTAGGATAACGT TGCGTCAGCAACGGCCCGTAGGGCGAGCGAAGCGAGTCATCCTGCACGACCCACCACTAATGACGGTTGGGTTCGGTGGAA GTAGTTTGTAGTATCCAGCGCAGTATCGGGTGATTAGCTCAGCTGGGAGAGCACCTCCCTTACAAGGAGGGGGTCGGCGG  ${\tt TCGAATCCTGCACGACCCACCAGTTTTAACATCAAACTCAGATGTTAAGCGTGAAGGATAACGTTGCGCCAGCAACGGCC}$ GAGTCATCCTGCACGACCCACCATCCTGAATGATTAAGGCAGCATAATCCCGCAAGGGGTCGTTAGCTCAGTTGGTAGAG  ${\tt CAGTTGACTTTTAATCAATTGGTCGCAGGTTCGAATCCTGCACGACCCACCAATGTAAAAAAGCGCCCTAAAGGCGCTTT$ TTTGCTATCTGCGATACTCAAAGATTCGAACCTGCAGCAGGTTTGAGTTGAGCGCAGCGAAACAACGGAGCCGCTCGCGG GAATTAGGCGTAAAATGACGCATCCTGCACATTAGGCGTAATTCGAGTGACTTTTCCCCACCATTCGACTATCTTGTTTA GCATATAAAACAAATTACACCGATAACAGCGAATATTACGCTAATGTCGGTTTTAACGTTAAGCCTGTAAAACGAGATGG TAAGATGAGCGTAATGTTTGATCCAGACACGGCGATTTATCCTTTCCCCCCGAAGCCGACGCCGTTAAGCATTGATGAAA AAGCGTATTACCGCGAGAAGATAAAACGTCTGCTAAAAGAACGTAATGCGGTGATGGTTGCCCACTACTATACCGATCCC GAAATTCAACAACTGGCAGAAGAAACCGGTGGCTGTATTTCTGATTCTCTGGAAATGGCGCGCTTCGGTGCAAAGCATCC TGCCGACACTTCAGGCTGAATGTTCACTGGATCTCGGCTGCCCTGTTGAAGAATTTAACGCATTTTGCGATGCCCATCCC  $\tt AAAAACAGACGGGTGGAGACATTCTATGCTGGCAGGGTGCCTGTATTGTGCATGATGAATTTAAGACTCAGGCGTTAACC$ CGCTTGCAAGAAGAATACCCGGATGCTGCCATACTGGTGCATCCAGAATCACCACAAGCTATTGTCGATATGGCGGATGC GGTCGGTTCCACCAGTCAACTGATCGCTGCTGCGAAAACATTGCCACATCAGAGGCTTATTGTGGCAACCGATCGGGGTA TTTTCTACAAAATGCAGCAGGCGGTGCCAGATAAAGAGTTACTGGAAGCACCAACCGCAGGTGAGGGTGCAACCTGCCGC GTGGATAACGAATAATAAGGCGTAACGTTACGCTTTGGGGGAAAGATGGATTTTTTTAGTGTGCAGAATATCCTGGTACA  $\tt CAGCTGTATGCCAGCCTGCTATTACAGGTGTTTTTCTTTGCCGCGAATATTTACGGTTGGTATGCGTGGTCGCGACAAAC$  ${\tt CAGTCAGAACGAGGCGGAGTTGAAAATTCGCTGGTTGCCATTGCCGAAGGCACTCAGCTGGTTGGCGGTTTGCGTTGTTT}$  ${\tt CGATTGGTCTGATGACGGTATTTATCAATCCGGTGTTTTGCATTTTTTGACCCGCGTGGCAGTCATGATCATGCAAGCATTA}$ GGCAATGATTCTGATGACGCGTAAGTATGTGGAAAACTGGCTGTTGTGGGTGATTATTAACGTGATTAGCGTCGTTATTT ATCAACAGCGCACGTGAAAGAGGCTCACGCGCGCTGTCCCATTAATGGTGATGTGAATGGCCAGACACCCCTTCATT  ${\tt CAGGTGGCAGTCTGACAAGGTTGATATTCCATCTGAATGGTGGCGTGCTCAATCTGATAGTGATCCATCAGGT}$ AGTGTTGGATCTGATCCAACAAGGCATCGTGATCGTGGCGGGATCACCTGCACATGCAACGTCATCACCGGCTTCTCG ATCCAGCGATACCGGTGCACCTTCAAGTAATTCATTCACGCTATCTTTCAACAGTCGCCACGCGCTACGCAGAACCAGAA  TAACCAGAAAGAAAGTATATTTGCCAGCAACCCAGCCACGGCAATTGCCATCATCATGCCGCCCTCGACCGGACGCGCG TGCGGAAGCGTTCTATCGCCTCCCAGACAATCAAAATGGTAATTACCACGAGGGCTATGGCATTCACAAACGCCGCGAGC GTGGTCAGTCTTAGCCAACCGAAAGTGTGGCGAATGGTGGGAGGACGACGTGAAAATTGCACGGCGAGTAGGGCGAAAAG CTACCAGCATAAACCCGGCAGTCACGCCGAAAGCATACAACAAGCGACGAGCATTATTATCTTCTGGCAGGTGTGAGGAC GTGTGTGAGTGTGAGTGCGCCATGACGAGTCATCCCTTAATTATTCTCACTTAACTTTATGACATCATACTGCTTTTAGA  ${\tt AGTGAAAAATTAAAAGGGAGAGACTCCGCTCTCCCATTATTGGCTATTTTGCAGGGTTACTGCGTGGTACCGTCGGTTTT}$ GGTATCGACATCATTATTGATGCCATCACCGGTTTGTACCTTTTTATTGATATCCGGACAGCGACCATCTTTGCACATGG TGTTCTTGTGCTCTTCATCTTTGGTCATTCCGTCATTGTTCATTGAAGAACCATCCGAATGCAGCATTGTGCCGCCAGAA TGCGGCGTTTGCCTGGCCGTTATTAGTTTGCGCTCCGCTATCGGCAGCCAGTGCGGCACCGCTGGCAAGGCTTAGAGTGG  ${\tt
ACAGTGCATTTGCAGGTGAATATAAGGCATTGGTTTAAGATTTCAGCCAGGTTATGAAACGCAGCAGAGAATCTTGAAATTTTAAATTGAAATTGAAATTGAAATTGAAATTGAAATTGAAATTGAAATTGAAATTGAA$ AATTAACAAACAAAGGAGTTACAGTTAGAAATTGTAGGAGAGATCTCGTTTTTCGCGACAATCTGGCGTTTTTCTTGCTA ATTCCAGGATTAATCCGTTCATAGTGTAAAACCCCGTTTACACATTCTGACGGAAGATATAGATTGGAAGTATTGCATTC ACTAAGATAAGTATGGCAACACTGGAACAGACATGAATTATCAGAACGACGATTTACCGCATCAAAGAAATCAAAGAGTTA CTTCCTCCTGTCGCATTGCTGGAAAAATTCCCCGCTACTGAAAAATGCCGCGAATACGGTTGCCCATGCCCGAAAAGCGAT AAGAGTATGCCACTCGCTTGCTGGCGCTGCGTGAAGAGCTGAAAGATCGGAAATCGTAATGCGCGTCTATTTTGAA  ${\tt AAGCCGCGTACCACGGTGGGCTGGAAAGGGCTGATTAACGATCCGCATATGGATAATAGCTTCCAGATCAACGACGGTCT}$ GCGTATAGCCCGTAAATTGCTGCTTGATATTAACGACAGCGGTCTGCCAGCGGCAGGTGAGTTTCTCGATATGATCACCC TCAGGGCTTTCTTGTCCGGTCGGCTTCAAAAATGGCACCGACGGTACGATTAAAGTGGCTATCGATGCCATTAATGCCGC ATATCATTCTGCGCGGCGGTAAAGAGCCTAACTACAGCGCGAAGCACGTTGCTGAAGTGAAAGAAGGGCTGAACAAAGCA TGACGTTTGCCAGCAGATTGCCGGTGGCGAAAAGGCCATTATTGGCGTGATGGTGGAAAGCCATCTGGTGGAAGGCAATC AGAGCCTCGAGAGCCGGGGAGCCGCTGCCTACGGTAAGAGCATCACCGATGCCTGCATCGGCTGGGAAGATACCGATGCT CTGTTACGTCAACTGCCGAATGCAGTAAAAGCGCGTCGCGGGTAAGGTTTAATTGTCGGATGCGCCGTCAGAGTGGCCGTA TCCGATGAATCACCACAGGCCTGATAAGTCGCGCAGCGTCGCATCAGGCAATGTGCTCCATTGTTAGCAACAAAAAAGCC GACTCACTTGCAGTCGGCTTTCTCATTTTAAACGAATGACGTTTACTTCGCTTTACCCTGGTTTGCAACCGCCGCTGCTT ACGCCAGTCGGGATATTAAGCTCAAGAATCTCTTCTTCGCTCATGTTATCAAGATATTTCACCAGCGCACGTAAAGAGTT  ${\tt ACCGTGTGCAGCGATGATCACGCGCTCACCGCTCTTCATACGCGGCAGAATAGTTTCATTCCAGTAAGGGATCACGCGGTCACGGTCACGCGGTCACGG$  ${\tt CGCTCATCATCTTTAGTCAGTTCCGGCGGAGTCACTGCAAAACCACGACGCCACTGTTTCACCTGCTCGTCGCCATACTT}$ GCCATGCCTGATCCAGTTCGTCCAGCACATTCCACAGGGTATGGATAGCGCGTTTCAGCACAGAAGTGTAAGCAAAGTCA  $\tt CCAACCGGTGAAACGGTTTTCTTTGTTCCACTGACTTTCGCCATGACGAACCAGCACCAGCTTAGTTACAGCCATATACT$ TACTCCTCAAATCATCTTTTAATGATAATAATTCTCATTATATTGCCGCGACGAAGCAACAGCAATGCTTACGCATAACC  $A \texttt{TAGCGAAAATAGTGGCGCAGTGTAAGGTTGTTGTGAATATTGAGTTGCAAATATGTCGGTGTTTTGCTGGTGATTTGAAC$ AATATGAGATAAAGCCCTCATGACGAGGGCGTAACATTACTCAGCAATAAACTGATATTCCGTCAGGCTGGAATACTCTT AGCCCTTGCCAGTCGGCGTAAGGTTCGCTTCCCCGCGACGGTGTGCCGCCGAGGAAGTTGCCGGAGTAGAATTGCAGAGCCCTTGCCGGAGTAGAATTGCAGAGCCGCGAGGAAGTTGCCGGAGTAGAATTGCAGAGCCTTGCCGGAGTAGAATTGCAGAGCCGAGGAAGTTGCCGGAGTAGAATTGCAGAGCCGAGGAAGTTGCAGAGCAGAGAATTGCAGAGCAGAGAATTGCAGAGCAGAGAATTGCAGAGCAGAGAATTGCAGAGAATTGCAGAGCAGAGAATTGCAGAGAATTGCAGAGCAGAGAATTGCAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAGAATTGCAGAAGAATTGCAGAATTGCAGAGAATTGCAGAATTGAATTGCAGAATTGA ${\tt CGGAGCGGTGTGTAGACCTTCAGCTGCAATTTTTCATCTGCTGACCAGACATGCGCCGCCACTTTCTTGCCATCGCCTT}$ TGGCCTGTAACAAGAATGCGTGATCGTAACCTTTCACTTTGCGCTGATCGTCGTCGGCAAGAAACTCACTGGCGATGATT TTGGCGCTGCGGAAATCAAAAGACGTTCCGGCGACAGATTTCAGGCCGTCGTGCGGAATGCCGCCTTCATCAACCGGCAG ATATTCGTCCGCCAGAATCTGCAACTTGTGATTGCGCACGTCAGACTGCTCGCCGTCAAGATTGAAATAGACGTGATTAG TCATATTCACCGGGCAAGGTTTATCAACTGTGGCGCGATAAGTAATGGAGATACGGTTATCGTCGGTCAGACGATATTGC ACCGTCGCGCGAGATTACCCGGGAAGCCCTGATCACCATCATCTGAACTCAGGGCAAACAGCACCTGACGATCGTTCTG GTTCACAATCTGCCAGCGACGTTTGTCGAACCCTTCCGGCCCGCCGTGCAGCTGGTTAACGCCCTGACTTGGCGAAAGCG TCACGGTTTCACCGTCAAAGGTATAACGGCTATTGGCGATACGGTTGGCATAACGACCAATAGAGGCCCCCAGAAACGCG GCCTGATCCTGATAGCATTCCGGGCTGGCACAGCCGAGCAGCGCCTCGCGGACGCTGCCATCGGAAAGCGGAATACGGGC GGAAAGTAAAGTCGCACCCCAGTCCATCAGCGTGACTACCATCCCTGCGTTGTTACGCAAAGTTAACAGTCGGTACGGCT GACCATCGGGTGCCAGTGCGGGAGTTTCGTTCAGCACTGTCCTGCTCCTTGTGATGGTTTACAAACGTAAAAAGTCTCTT ATACAGCCGCCAAATCCGCCGCCGGTCATGCGTACGCCACCTTTGTCGCCAATCACAGCTTTGACGATTTCTACCAGAGT GTCAATTTGCGGCACGGTGATTTCGAAATCATCGCGCATAGAGGCATGAGACTCCGCCATCAACTCGCCCATACGTTTCA AGCGCGGAAATTAGCTGATCCATGATCCCGCAGTTACAGCCTACAAACTGGTTTTCTGCTTCCTGACCGTTAAGCGCGAT TTGTGCGCCGTCCAGCGGCAGATGATAAAGCTGCTGCAATACGGTTCCGACCGCGACTTCCAGTGAAGCGGAAGAACTTA  ${\tt ACCCGGCACCCTGCGGCACATTGCCGCTGATCACCATGTCCACGCCGCCGAAGCTGTTGTTACGCAGTTGCAGATGTTTC}$ ACCACGCCACGAACGTAGTTAGCCCATTGATAGTTTTCATGTGCGACAATGGGCGCATCGAGGGAAAACTCGTCGAGCTG CGCAGGGCAGAACCGAACCGTCGTTGTAGTCGGTGTTCACCAATCAAATTCACGCGGCCAGGCGCCTGAATGGTGTGA  ${\tt AAAATGGATATCGCTGACTGCCGCAAACGCTCTGCTGCCTGTTCTGCGGTCAGGTCTCGCTGGGTCTCTGCCAGCATTT}$ CATAACCAACCATAAATTTACGTACGGTGGCGGAGCGCAGCAGAGGCGGATAAAAGTGCGCGTGCAGCTGCCAGTGTTGA TTCTCTTCGCCATTAAATGGCGCGCGTGCCAGCCCATAGAGTAGGGGAAGGAGCACTGGAAGAGGTTGTCATAACGACT GGTCAGCTTTTTCAACGCCAGCCCAGATCGCTGCGCTGGGCGTCGGTCAAATCGGTGATCCGTAAAACGTGGGCTTTGG  $\tt GCAGCAGTAGCGTTTCGAACGGCCAGGCAGCCCAGTAAGGCACGGCTAACCAGTGTTCGGTTTCGACAACGGTACGG$ GTCTTCGCGCTCAGCTTCGTTAGGCAGGAAGCTATTTGCCCAAATCTGACCGTGCGGATGCGGGTTAGAGCAGCCCATCG ATTTCCGTCAATGCTGCAACGCTGAGCTCTGGCAGCGTTTTACTGTGATCCGGTGAAAAGCAGATCACCCGGCTGGTGCC
GCGCGCGCTCTGGCAACGCATCAGCGGATCGTGACTTTCTGGCGCATCTGGCGTGTCAGACATCAAAGCCGCAAAGTCAT TAGTGAAAACGTAAGTCCCGGTGTAATCGGGGTTTTTATCGCCTGTCACCCGCACATTACCTGCGCAGAGGAAGCAATCT GGATCGTGCGCAGGTAACACCTGTTTGGCTGGCGTTTCCTGCGCCCCCTGCCAGGGGCGCTTAGCGCGGTGCGGTGAAAC  $\tt CAGAATCCATTGCCCGGTGAGCGGGTTGTAGCGGCGATGTGGATGATCAACGGGATTAAATTGCGTCATGGTCGTTCCTT$  ${\tt CAGTTCAGTTCACGGTCGGCTTTGCTGGCGTCCGCCCAGTAGGCCGGAAGGTCGCCCTCGCGACGCGGTGCAAAATGATA}$ ATTAACCGGTTTGCCGCAGGCTTTGCTGAAGGCATTAACCACGTCCAGCACGCTGTTGCCTACGCCAGCGCCGAGGTTGT AGATGTGTACGCCTGGCTTGTTCGCCAGTTTTTCCATCGCCACGACGTGACCGTCCGCCAGATCCATTACGTGGATGTAA TCGCGTACGCCAGTACCATCTTCGGTCGGATAATCGTTACCAAAAATCGCCAGCGAGTCGCGACGGCCTACAGCAACCTG GGCGATGTATGGCATCAGGTTATTCGGAATGCCTTGCGGATCTTCGCCCATATCGCCCGACGGATGCGCCCAACCGGGT TGAAGTAGCGCAGCAGGGCAATGCTCCAGTCCGGCTGGGCTTTTTGCAGATCGGTGAGGATCTGTTCCACCATCAGCTTG GGCGGAGGAGCTAAAAATAAAGTTTTTGACGTTAGCGGCGCGCATGGCGCTAATCAGGCGCAGAGTGCCGTTGACATTGT TGTCGTAATATTCCAGCGGTTTTTGTACCGATTCGCCCACGGCTTTCAGCCCGGCGAAGTGGATCACGGTGTCGATAGCG TGATCGTGCAGGATCTCGGTCATCAACGCTTCGTTACGAATATCGCCTTCAACAAACGTTGGATGTTTGCCGCCTAAACG  $\tt CTCGATAACAGGCAGTACGCTGCGCTTACTGTTACAGAGGTTATCAAGAATGATGACATCATGACCGTTTTGCAGTAATT$ GCACACAGGTATGACTTCCAATGTAACCGCTACCACCGGTAACCAGAACTCTCATAATTCGCTCCATTAGGCTTATGGTA TGAAATAACCATAGCATAACAAAGATGCGAAAAGTGTGACATGGAATAAATTAGTGGAATCGTTTACACAAGAATTTAGC  ${\tt TTCATGCCTGCATGCGTCGAACCGTTGGCCGGAGAGGGTGCTAAGGCCGCCTCCGGCAAGGTCAGCACTACCGACTCAAT}$ TCAGCGTGGTGCGAAACAACAACAATTGCGTTTCACCTTCGCTAATCAGCACATCAACAAAACGGCGGATAAGCTGGCG ATTCAGCGGATCAAGCCCCTGTAGTGGTTCATCGAGAATAAGCAACGTCGGATGTTTCACCAGTGCGCGGACAATCAGCG ACGCACGGTAGTGCTGACCCGGTAATCCAGATGCAAACTACTGCTGACGTAACCGATATGCTTTTTGATATCCCAGATGG TTTCGCCGCTGCCGCGACGTCGTCCGAAAAGCGTCAAATCGTTGCTGTAACCTTGCGGATGATCGCCAGTAACCAGGCTT AATAACGTCGATTTTCCTGCACCATTTGGCCCGACAATTTGCCAGTGTTCGCCTGGATTCACCTGCCAGCTAAGGTTATT AAGAATGGGGCGATCGTTATAAGAAACCACGCCATTGTTCAGCACAATGCGCGGTTCGTTGGCGGGTAAGGCGTGACGTG AGCAGTTCCTCTTTAGCGCCAGTTTCCGCTAACGTGCAATCCGCCAGCACGCCAGCAAACTGGACAAACTCCGGGATCTC AGGCAACATCCAGGCCATCGAACGGCTCATCAAGAATCAACAAGTCAGGCTCCGACATCAGCGCCTGACACAGCAGGGTTGCAACGCGGTGCATCCTTTACTTCATCCTGAATGATCTCAGCCGTAGTGCGTCCGGTGTCATCTTCGCCAGGGCCGAGCA TATCGGTGTTATTCCGCTGCCATTCGTCGCTGACGAGTTTTTTGCAATTGCTCGAAGGAGAGACGAGTGATGTGGGAAAAC TGGCTTTGCCGTTCACCTTTCAAAAGCGGAAGTTCCCCCGCCAGCGGCCGGGCCAGGGCCGATTTCCCGCTTCCATTCGA TGCCTTGCAAAATTTGCAACGATGACATTTTATATCCCACTTTGTGCAGCGATTACTGACAGGGATACGTGTTTCATAAC AAATTGTCAACACGCTTAGCACAGCGTGGCGATAATCACGCTGTCGGCATTAAAGTAGGCCGTGACATTCTGTCCTTGCT GAAGAAGTCGCTTCATTTACCGGCACTGTGGCGCACAGTGTTTGCCCGTCGGGTAGCGCCATTAATACTTCGCACTGC TCTGCGCCGCGCTCAATATGACTAATAATACCCGGTAATTGGTTGTCAGCGTTTTTGCGCGACCGCCTCGTCCTGAGTAAT ACCTACCCACGCCCTTTTAGCAATATCAACACTTCTTTGCCTTCATCCAGCCCCAGACGCGCCCCTTTGTGCGGTAA ATGGTACCGAACCACTGGTTACGGGCGCTGGTTTGCAGTGAAAAACGTGAGATCGCGGCCAGCAGGCTGTTCAGCGGCAG GGCGTCATCGTCACTTAACACATCAAAGGCTTTTTGCTGGATTTGCGCCAGTAAGTCATAGAGCTGAATCAGTCGCTGAC  $\tt CATAGCGGGTCAGTACTGCGCCGCCGCCACCTTTACCGCCTGTTGCGCGCTCGACCAGAATATGCTCACTTAACTGATTC$ ATCTCGTTAATGGCATCCCAGGCGCTTTTATAGCTAATACCGGCATCTTTCGCTCCCTGGCTAATGGAACCGGAAAGCGC  ${\tt AATGTGTTTTAGTAGCGAAATGCGGCGCGGGTCGGCGAATAATTTTTGTTGGAGCTTAAGGGTGAGAAGGATTTCGGCCT}$ TTTTCTGTGCTTAGCGGTTAGAATAGTCTCATGACTATATCTGGAGTTGACCATGTTAGAGTTATTAAAAAGTCTGGTAT  $\tt TCGCCGTAATCATGGTACCTGTCGTGATGGCCATCATCCTGGGTCTGATTTACGGTCTTGGTGAAGTATTCAACATCTTT$ TCTGGTGTTGGTAAAAAAGACCAGCCCGGACAAAATCATTGATTCCCTGAATGCCCGCTTAGTCGGGCATTTTCTTTTTC TCAACTTCCTGCTTTTCCTGCCGATATTTTTTCTTATCTACCTCACAAAGGTTAGCAATAACTGCTGGGAAAATTCCGAG TTAGTCGTTATATTGTCGCCTACATAACGTTACATTAAGGGGTTACCAATGGCTCGTAAATGGTTGAACTTGTTTGCCGG GGCGGCACTCTCTTTCGCTGTTGCTGCCAATGCACTGGCAGATGAAGGGAAAATCACGGTGTTCGCCGCCGCATCACTGA  $\tt CTAACGCAATGCAGGACATTGCTACGCAGTTTAAAAAAGGAGAAAGGCGTGGATGTGGTTTCTTCTTTCGCTTCGTCATCT$ TGATAAAAAAGCGATCGATACAGCTACGCGTCAGACACTGCTCGGCAATAGCCTGGTCGTTGTAGCACCGAAAGCCAGCG TGCAGAAAGATTTCACCATCGACAGCAAAACCAACTGGACTTCACTGCTGAATGGCGGTCGCCTGGCGGTTGGCGATCCG GAACATGTTCCCGCTGGCATTTATGCAAAAGAAGCACTGCAAAAACTGGGCGCATGGGATACGCTCTCCCGAAACTGGC  ${\tt CAGTTGCCAGCAAAAGGGGTAAAAGTGGTTGCCACCTTCCCGGAAGATTCACATAAAAAAGTGGAATATCCGGTTGCTGTT}$  GGCTGTGCTGTTTAGCCTGCGTTTGGGATCTTTTTTGCCTGGTTACTGGTGCGTTGCACGTTTCCGGGCAAAGCTCTGC GAACACTGGGGGCCGGCGCTGCCGCTTTTCTTTACTATCACGTTACCGCTGACCTTACCGGGAATTATTGTTGGTACG GTACTGGCTTTTGCTCGTTCTCTCGGTGAGTTTGGTGCAACCATCACCTTTGTGTCGAACATTCCTGGTGAAACGCGAAC CATTCCTTCTGCCATGTATACCCTGATCCAGACCCCCGGCGGGGAAAGTGGAGCGGCGAGACTGTGCATTATTTCTATTG AACTGAATTTTTCCCAGACGTTGGGCAACCATTGCCTGACTATTAATGAAACGCTGCCCGCCAATGGCATCACTGCTATC TTTGGCGTCTCCGGTGCCGGAAAAACTTCGCTGATTAACGCCATCAGTGGACTGACGCCCCCCAAAAAGGGCGGATTGT  $\tt CCTCAATGGGCGGGTACTAAATGATGCCGAAAAAGGTATCTGCCTGACGCCGGAAAAGCGTCGCGTTGGCTATGTTTTTC$ AGGATGCGCGGCTGTTCCCGCATTACAAAGTGCGTGGCAATCTGCGCTACGGCATGTCGAAAAGTATGGTCGATCAGTTC GATAAGCTGGTGGCGCTTTTAGGCATTGAACCGTTGCTTGACCGTTTACCAGGCAGCCTGTCCGGAGGCGAAAAACAGCG  $\tt CGTGGCGATTGGTCGGGCTTTGCTGACAGCACCGGAATTGCTGTTGCTGGATGAACCGCTGGCGTCACTGGATATTCCGC$ GTAAACGCGAACTGTTGCCTTATCTGCAACGGCTGACACGGGAAATCAACATTCCGATGTTGTATGTCAGCCATTCGCTG GATGAGATCCTCCATCTGGCAGACAGACTGATGGTACTGGAAAACCGTCAGGTGAAAGCCTTTGGCGCGCTGGAGGAAGT GTGGGGCAGTAGCGTGATGAATCCGTGGCTGCCGAAAGAGCAACAAAGTAGCATTCTGAAAGTGACGGTGCTTGAGCATC ATCCGCATTACGCGATGACCGCGCTGGCGCTGGGCGATCAGCATTTGTGGGTCAATAAGCTGGACGACCGCTGCAAGCT GCGCTACGTATCCGCATTCAGGCTTCCGATGTTTCTCTGGTTTTACAACCGCCGCAGCAAACCAGCATTCGTAACGTATT CGCGTATCAGCCCGTGGGCCAGGGATGAACTGGCGATCAAACCTGGCCTGTGGCTGTACGCGCAAATTAAAAGTGTGTCG ATAACCGCCTGATTAAATCAGGTGGCTATAAATGAACTGGGCAATGCTGTCGGTGGTGTTATCACCAATCACAATGTTGG TTATCGCCGAATGCCACGACGTTTTCCATCGACCAACCTTGCGCCTCAACCCATTTCGTCAAACGTTTACCTTTGCTGTT GCCGCCGCGTGCAATATCAACCTGATCGTGCCAGGACCATTCACACTCCAGTCCCAGTTCATGTTCGACATGCTTACCAA GAAGCGACTTGTGTGAAAGTCGGACGCTGTTCCGGCGGCAGGGTTTGCGCCCAGTTAGATGTGCGAATGACATGCCCGGT ATAGCAGGTGTATCCAGCGCCAGCGCCTGATAAAAAGGATGAATAGCGACGTGATGGCGACCTGTGACGATGATTAATTG  ${\tt CCGATACCACTATCGGACAAAATTCTGCGTTTTAATTCAGCATTCACCGCCAAAAGCGACTAATTTTAGCTGTTACAGTC}$ AGTTGCTAAATGCAAAGGAGCATTCATGAAGCAAACAGTTTATATCGCCAGCCCTGAGAGCCAGCAAATTCACGTCTGGA ATCTGAATCATGAAGGCGCACTGACGCTGACACAGGTTGTCGATGTGCCGGGGCAGGTGCAGCCGATGGTGGTCAGCCCG GACAAACGTTATCTCTATGTTGGTGTTCGCCCTGAGTTTCGCGTCCTGGCGTATCGTATCGCCCCGGACGATGGCGCACT GACCTTTGCCGCAGAGTCTGCCGCGGGTAGTCCGACGCATATTTCCACCGATCACCAGGGGCAGTTTGTCTTTGTAG GTTCTTACAATGCGGGTAACGTGAGCGTAACGCGTCTGGAAGATGGCCTGCCAGTGGGCGTCGTCGATGTGGTCGAGGGG  $\tt CTGGACGGTTGCCATTCCGCCAATATCTCACCGGACAACCGTACGCTGTGGGTTCCGGCATTAAAGCAGGATCGCATTTG$ GTCATATGGTATTCCATCCAAACGAACAATATGCGTATTGCGTCAATGAGTTAAACAGCTCAGTGGATGTCTGGGAACTG AAAGATCCGCACGGTAATATCGAATGTGTCCAGACGCTGGATATGATGCCGGAAAACTTCTCCGACACCCGTTGGGCGGC TGATATCATATCACCCCGGATGGTCGCCATTTATACGCCTGCGACCGTACCGCCAGCCTGATTACCGTTTTCAGCGTTT GGCAAGTATCTGATTGCCGCCGGGCAAAAATCTCACCACATCTCGGTATACGAAATTGTTGGCGAGCAGGGGCTACTGCA AGTCTCTCCTGCGCCGGTGTATTAACCTATCTCCTGTAACGCGTGTCTCTGGCGTTCGACGATATTGGTCCACAAATTGT  ATTATTCCCAATGTTCGACGTATAACGGGTTCCACCAATGGGATACCAATAATCGAAGAATAGGGCGCATGAGGCATTGC CAGGCCAGGAAGCGCCGAAATCCCCAGTCCCGCCTCCACCAGTCCTAATGACGTCGAAAGATGACGCACTTCGTAAAACC AGTCCAGCTTCCAGGGCTTGTCGGCCAGCTGTTGTTCTATCAACAGTCGGTTGCCGCTGGAGGAGCGTACGCCAATCATT  $\tt CTCGTTGACCAGTGGGGTAAAATCAATGGATGAATTTGTGACGTTGTTCATGTTTATGCCAAAGTCTGATTCGTTACACA$ GCACCGATTCCATGCAATTATTCGTGCCTTGTTCCAGAATCCGCACTTTAATATTGGGATACAGCTCATTAAATTTACCG ATTGCCAGCGGTAAAAAATAAAATACTGCGGTCGGAATACACGCTAACGTCACCATACCACGATGATAAGCATTCATATC ACGAATATTAAAAAGCGTTTCATCGAATTTCTTTATTAATTCCCGCGCCCCCCGGGAGCAACCTTTTTCCTGCTTTTGTTA GGTTGCGTAATATTGAGTAATTTAGCGGCATTGTTAAACGAACTGGACTCTGCCAGTATGACAAATGCCTTCATACTTGA TAATTCATGCTTCATTATTACTCCGGAAAATGGAAGCGACGATTTTGGGTGGCCGTTAAAAATTTTAACTGCATTT AGCCAACTTAAATTAATGAAAAAATGTTATTAATCGTTGAGCTAAAGTCATTAGAGATGCTTTGCCCTTAATGTAACCAT ATCGCAATAAGTTATGTTTTTAAATTGAGGGCATTATTATGAAAAAAATACCCTGCGTGATGATGCGAGGTGGAACCTCG  ${\tt AGGGGCGCGTTCCTGTTAGCGGAACATTTACCCGAAGATCAAACGCAGCGCGATAAAATATTGATGGCAATTATGGGTTC}$ ATCCGCGTGCTGATGTCGATTATCTGTTTGCGCAGGTAATCGTTCATGAGCAACGTGTCGATACCACGCCTAACTGCGGC GAATTGACGGCGTACCGGGTACTGCCGCACCGGTTGCGCTCACTTTCCTGAATGCCGCTGGAACCAAAACCGGAAAAGTT  ${\tt TTCCCGACTGATAATCAGATTGATTATTTTGACGATGTCCCGGTGACCTGTATCGATATGGCGATGCCAGTCGTCATTAT$ TCCGGCTGAATATCTGGGAAAAACAGGTTATGAATTACCGGCGGAACTGGATGCCGACAAAGCATTATTAGCCCGCATTG  ${\tt AATCTATCCGTCTACAAGCGGGTAAAGCAATGGGCTTAGGTGATGTCAGTAATATGGTTATCCCTAAACCTGTGCTTATT}$ TGCTATTGCTATTTCCAGTAGTTGTGCATTGGAAGGCACCGTCACCCGACAAATCGTCCCTTCTGTAGGATACGGCAATA TCAATATTGAACACCCCAGTGGTGCGCTCGACGTTCATTTAAGTAATGAAGGTCAGGATGCCACGACGTTACGCGCATCT GTTATTCGGACGACCAGAAAAATATTTTCCGGTGAAGTTTATCTTCCCTGAAAAAATTCGTTGTCAGGATAAGGACAATC AATAAAGGACTTCTGTATGAGTCATACAGAAAGAACAGGATTTTAAATGAATAAGAAATCGTTATGGAAGCTAATTCTGA TATTAGCGATCCCATGTATTATTGGTTTTATGCCAGCTCCGGCAGGATTAAGCGAACTGGCGTGGGTGCTTTTTGGTATT TACCTGGCGGCCATTGTGGGGCTGGTTATCAAGCCTTTCCCGGAACCTGTCGTACTGTTAATTGCCGTTGCTGCCTCAAT GGTGGTGGTCGGTAACTTATCCGACGGTGCGTTTAAAACCACCGCCGTATTAAGCGGTTACTCTTCAGGTACCACCTGGC TGGTGTTCTCGGCGTTTACCTTAAGCGCCGCATTTGTGACCACCGGTTTAGGTAAACGTATTGCCTATCTGCTGATTGGT CGCGTCGTGTCGGACATTACCTGATGTCCATTTACATGGTCACCAAAACCACCAGCTATATGTTCTTTACCGCAATG GCGGGGAACATTCTGGCGCTGAAAATGATCAACGACATTCTGCACCTGCAAATTAGCTGGGGTGGATGGGCGCTGGCAGC  ${\tt CGGATTGCCGGGCATCATTATGCTGCTGGTCACCCCGCTGGTGATTTACACCATGTATCCACCAGAAATTAAGAAGGTGG}$ ATAACAAAACCATCGCTAAAGCGGGCCTTGCCGAACTAGGACCGATGAAAAATCCGCGAAAAAATGCTGCTCGGTGTCTTT GTGCTGGCGCTGCTGGGCTGGATTTTCAGTAAGTCTCTGGGGGTTGATGAATCCACCGTGGCAATCGTTGTTATGGCAAC CATGCTGCTGCTGGGTATCGTTACCTGGGAAGACGTGGTTAAAAATAAAGGCGGCTGGAATACCTTAATCTGGTACGGCG GTATTATCGGCTTAAGCTCCTTATTATCGAAAGTTAAAATTCTTCGAATGGTTAGCTGAAGTCTTTAAAAATAACCTGGCA TTTGATGGTCACGGTAACGTTGCTTTCTTCGTTATTATTTTCCTCAGCATTATCGTGCGTTATTTCTTCGCTTCCGGTAG TGCCTATATCGTTGCTATGTTACCGGTATTTGCCATGCTGGCGAACGTCTCCGGCGCACCGTTAATGTTAACCGCGCTGG TATAACGATATTAAATCCTGGTGGTTGGTCGGTGCGGTACTGACGATATTAACCTTCCTGGTGCATATCACCCTCGGCGT GTGGTGGTGGATATGCTGATCGGCTGGAACATGCTGTAAATATTCTCGTCATACTTCAAGTTGCATGTGCTGCGTCTGC  $\tt GTTCGCTCACCCCAGTCACTTACTTATGTAAGCTCCTGGGGATTCACTCGCTTGTCGCCTTCCTGCAACTCGAATTATTT$ AGAGTATATCCATTTATCTTTCTGCGCACTTCACGGTGCGCAGATATCTGGAGCATTTGATGATCAAGTTATCTGAA AAAGGCGTGTTTCTCGCCAGTAATAACGAAATAATTGCCGAAGAACATTTCACCGGCGAAATTAAAAAAGAAGAAGCCAA
AAAAGGCACTATTGCCTGGTCTATTCTCTCTCGCATAATACGTCCGGAAATATGGATAAACTTAAAATTAAGTTTGATT TATGTGCTGACCAACTGCCATAACTCACTCTGCGCCGTCGGCGGCACTATTAACGGTGATGACCATGTTTTTGGTTTATC GGTGAGTTGGTAAAACAGCTGCTTAATGACACCTGGGATATCGACTATCCGGGCGTGGTTGCGGTGCATCTGACCGGAAA ACCTGCGCCGTATGTGGGGCCACAGGATGTGGCGCTGCTATCATTGGCGCGCGTGTTCAAAAACGGTTACGTCAAAAACA AAGTCATGGAGTTCGTTGGACCGGGCGTTAGCGCGCTCTCTACCGATTTCCGTAACAGCGTTGACGTGATGACCACTGAA CTGCCAGCTTAACCCTCAACCGATGGCGTACTACGATGGCTGCATCAGCGTTGATTTAAGCGCCCATCAAACCAATGATTG CGCTGCCGTTCCACCCGAGCAACGTGTATGAAATCGACACACTGAACCAGAACCTGACCGACATTCTGCGTGAGATTGAA ATTGAGTCCGAACGCGTGGCGCACGGTAAAGCCAAACTCTCGCTGCTGGATAAAGTGGAAAATGGTCGCCTGAAAGTGCA GCAGGGGATTATCGCGGGCTGTTCTGGCGGTAACTACGAAAACGTCATCGCGGCGGCGAATGCACTGCGCGGTCAATCCT GTGGCAATGACACCTTCTCGCTGGCAGTTTACCCGTCATCACAGCCGGTGTTTATGGATCTCGCCAAAAAAGGTGTGGTA CAACGGTTTGAGTATTCGCCACACCACGCGTAACTTCCCGAACCGCGAAGGCTCTAAGCCAGCTAATGGGCAGATGTCAG TGCTGGGACAACGTGCCGGAGTACGCCTTCGATGTAACGCCGTATAAAAACCGTGTTTATCAGGGCTTTGTGAAAGGGGC AATCCGATTGGTCTGGCGGAGTTTACCCTGTCTCGCCGCGATCCCGGTTATGTTAGCAGAAGTAAAGCGACTGCTGAGCT GGAAAATCAGCGTCTGGCGGGGAATGTCAGCGAGCTGACAGAGGTGTTTTGCGCGCCATTAAGCAGATTGCTGGTCAGGAGC ATATTGATCCGCTGCAAACTGAAATTGGCAGCATGGTCTATGCGGTGAAACCAGGCGATGGTTCTGCGCGTGAACAGGCG  $\tt GCGAGCTGCCAGCGTGTGATTGGCGGTCTGGCGAATATTGCCGAGGAGTACGCGACTAAACGCTATCGTTCTAACGTCAT$  ${\tt AAGCGGCGCTGGATAATCCGGGTACGACGTTTAAAGGTTATGTGATCCATGAAGATGCGCCGGTAACGGAAATTACGCTC}$ TATATGGAAAGTCTGACTGCTGAAGAGCGCGAGATTATCAAGGCGGGTAGTTTGATTAACTTCAATAAAAACCGTCAGAT GTAAAAAGCGCCATGTGAATGTAGGTCGCATTCGGCACTTATTGTCGGATGCGATGCTTGCGCATCTTATCCGACCTACG TATCCGACCTACAAATCGCATCGAACCGTAGGCCGGATAAGGCGTTTACGCCGCATCCGGCAAATAGTTAATTGCTCTTA GATTGCGCTGTATTTCGTCGTTATCATCTACGCTGCCGGTATTACCCGCAAACGGACGATTAGAGATCACCGCATCGGCC  $\tt CAGCGAGCGGCCCAGTTGCGCCACACCATCACCGAAAGCATTGAAACCGCTGTTTACCGCGAGGAAACCGTAGTAAATGT$ TGGACAGCGTAGCCGGTGCAAACACATACGCTTCTTGCTGAGTACGTTGAGTTCACCACGCGGAATTCGGTGTTATCGAAC  $\tt CGTTTCCAGACGGTTCTGCACACCGCTGTTGGTGACAAAGAAGGTGTTCTGACGACCGAGAATGTTAACGTTGTTAATCT$ GTACCTGGTCACCATCAGTACGCAGTGCCACCGCCGGATGGTTACCTGCATCTACGCTATCGCCCAGCGTGTTTTCGATG GTCAGATTTTGCAGTTGCAGGCCATTGTTTTGTGACCAGAAGACCGCAGAGCAGAACACCGATACTGTCGCTGCGTTT GCTCTGGCAGCTATCGTACATATACCACGCTGGTTTACCTGGCATATATTTGCCGCGCGGGTTGACGTCGTGACGCCAGT  ${\tt CGGCAGGGCTCATGCCACCATCAAGGGGAAAGCCCAATCTTCACATCAATCGGTTTTTCACCTGTACCGTACAGAGTAATT}$  $\tt CTTGATAATTGCCGCATCTACCGCCGCCTGAATCGTGGTATGCGTTACACCTTGAGTGCCCGCCGGGCCGACAACAAAGT$ GGGCGGGTTGAGCTACAGGCGTCAGCGTCACGCCAAAAGCCAATGCCAGCGCCAGACGGGAAACTGAAAATGTGTTCA GTAAAAAGACAAAAAGTTGTTTTTAATACCTTTAAGTGATACCAGATGGCATTGCGCCATCTGGCAGAGTGATTAACTAA ACATCGCAGTAATCGAGGCGCTTGCCAGAGAGTGGAAATGAACGTTAAACCCGACCATCGCGCCGCTGGCACCTTCATCG ACATCAATACGTTCTATATCCAGCGCGTGAACGGTAAAAATGTAGCGATGAGTTTCGCCTTTCGGCGGTGCTGCGCCATC GTACCCGGTTTTACCAAAGTCGGTACGCGTCTGCAAAACGCCGTCTGGCATTGCTACCAGACCAGAGCCAAACCCTTGCG GTAATACGCGGGTATCAGCGGGTAAGTTAACAACTACCCAGTGCCACCAGCCGGAGCCGGTTGGCGCATCCGGGTCGTAG  ${\tt CATGCCGTTAAAGACATGACGATGCGGCAATTTATCGCCATCGCGCAGATCGTTACTGATGAGTTTCATGAACCCTCCTT}$ TCTTGTTTGCAGAAAGTGTAGCCAGAAACCCTCACGCGGACTTCTCGTTATTGGCAAAAAAATGTTTCATCCTGTACCGC GCGGTTAACCGCTGCGGTCAGACGCTGCAACTGTTGCGGGAGAATAATATAGGGCGGCATCAGGTAAATCAGTTTGCCAA AATATCCGCCACCTGTTGCTGCCAGTCGCCAGATTCGAGAATCGCCAGGCTGGCGTTTGCTGCCGCGCAGGCCAGCCGAT TGCCCATAAAAGTTGGCCCATGCATAAAGCAACCGGCTTCACCGTTACTGATGGTTTCTGCAACCTCGCGCGTGGTGAGT GTGGCGGAAAGGGTCATTGTGCCGCCGGTTAAGGCTTTACCGAGGCACAAAATGTCCGGCGCGATTTCTGCATGTTCACA GGCAAACAGTTTCCCGGTACGACCAAATCCAGTGGCGATCTCGTCGGCAATCAGCAAGATACCTTCGCGATCGCATATTT TGCGGATTCGTTTTAACCATTCCGGATGGTACATGCGCATCCCGCCTGCGCCCTGGACAATCGGCTCAATGATCACCGCC ACATCGCGCCAAAGGTATCGCCATGATAACCATTGCGGAAGGTCAGAAAACGCTGGCGCGCTTCGCCTTTGGCTTGCCAG TACTGCAACGCCATTTTCATCGCCACTTCCACCGCTACGGAACCGGAGTCCGCGAGAAAAACGCACTCCAGCGGTTGCGG ACCAGGCGTCTGCCGTCAGACAAATCAGCTCGCAACCTTCGGCGCTCACCACCGGATAAACCGGCAGAGGGGAGGTCAT GGATGTGTATGGGTGCCAGATATGGCGTTGGTCAAAGGCAAGATCGTCCGTTGTCATAATCGACTTGTAAACCAAATTGA AAAGATTTAGGTTTACAAGTCTACACCGAATTAACAACAAAAAACACGTTTTGGAGAAGCCCCATGGCTCACCGCCCACG  $\tt CTGGACATTGTCGCAAGTCACAGAATTATTTGAAAAACCGTTGCTGGATCTGCTGTTTGAAGCGCAGCAGGTGCATCGCC$ AGCATTTCGATCCTCGTCAGGTGCAGGTCAGCACGTTGCTGTCGATTAAGACCGGAGCTTGTCCGGAAGATTGCAAATAC TGCCCGCAAAGCTCGCGCTACAAAACCGGGCTGGAAGCCGAGCGGTTGATGGAAGTTGAACAGGTGCTGGAGTCGGCGCG TGGAACAAATGGTGCAGGGGGTAAAAGCGATGGGGCTGGAGGCGTGTATGACGCTGGGCACGTTGAGTGAATCTCAGGCG  $\tt CACACGCACTTATCAGGAACGCCTCGATACGCTGGAAAAAGTGCGCGATGCCGGGATCAAAGTCTGTTCTGGCGGCATTG$ TGGGCTTAGGCGAAACGGTAAAAGATCGCGCCGGATTATTGCTGCAACTGGCAAACCTGCCGACGCCGCCGGAAAGCGTG AGGCGATGTGCTTTATGGCAGGCGCAAACTCGATTTTCTACGGTTGCAAACTGCTGACCACGCCGAATCCGGAAGAAGAT ACGTCTTGAACAGGCGCTGATGACCCCGGACACCGACGAATATTACAACGCGGCAGCATTATGAGCTGGCAGGAGAAAAT TGGTGGCGGATGATCGCCAGTATCTGAACTTTTCCAGTAACGATTATTTAGGTTTAAGCCATCATCCGCAAATTATCCGT GCCTGGCAGCAGGGGGGGGGAGCAATTTGGCATCGGTAGCGGCGGCTCCGGTCACGTCAGCGGTTATAGCGTGGTGCATCA GGCACTGGAAGAAGAGCTGGCCGAGTGGCTTGGCTATTCGCGGGCACTGCTGTTTATCTCTGGTTTCGCCGCTAATCAGG GGGGCAGCAAATGGTGGTGACAGAAGGCGTGTTCAGCATGGACGCCGTATAGTGCGCCACTGGCGGAAATCCAGCAGGTAA TGGCTGCAAAAGGTAAAACCAGAATTGCTGGTAGTGACTTTTGGCAAAGGATTTGGCGTCAGCGGGGCAGCGGTGCTTTG AGGCATTACGTGCGTCGCTGGCGGTCATTCGCAGTGATGAGGGTGATGCACGGCGCGAAAAACTGGCGGCACTCATTACG GGCTGGATGAGCCGCCACTGGCGGGAACGTCACGCGCAGGTGACGGCCTTAGATCTCTCGCCGCCAATGCTTGTTCAGGC ACGCCAGAAGGATGCCGCAGACCATTATCTGGCGGGAGATATCGAATCCCTGCCGTTAGCGACTGCGACGTTCGATCTTG GGCGTGGTCGCGTTTACCACGCTGGTGCAGGGATCGTTACCCGAACTGCATCAGGCGTGGCAGGCGGTGGACGAGCGTCC GCATGCTAATCGCTTTTTACCGCCAGATGAAATCGAACAGTCGCTGAACGGCGTGCATTATCAACATCATATTCAGCCCA TCACGCTGTGGTTTGATGATGCGCTCAGTGCCATGCGTTCGCTGAAAGGCATCGGTGCCACGCATCTTCATGAAGGGCGC GACCCGCGAATATTAACGCGTTCGCAGTTGCAGCGATTGCAACTGGCCTGGCCGCAACAGCAGCGGGGCGATATCCTCTGAC GTATCATCTTTTTTTGGGAGTGATTGCTCGTGAGTAAACGTTATTTTGTCACCGGGAACGGATACCGAAGTGGGGAAAACCT GTCGCCAGTTGTGCACTTTTACAAGCCGCAAAGGCAGCTACCGGACGGCAGGTTATAAACCGGTCGCCTCTGGCAG  ${\tt CAGTAAATCCTTACACCTTCGCAGAACCCACTTCGCCGCACATCATCAGCGCGCAAGAGGGCAGACCGATAGAATCATTG}$ GTAATGAGCGCCGGATTACGCGCGCTTGAACAACAGGCTGACTGGGTGTTAGTGGAAGGTGCTGGCGGCTGGTTTACGCC GCTTTCTGACACTTTCACTTTTGCAGATTGGGTAACACAGGAACAACTGCCGGTGATACTGGTAGTTGGTGTAAACTCG GTTACGCCTCCGGGAAAACGTCACGCTGAATATATGACCACGCTCACCCGCATGATTCCCGCGCCGCTGCTGGGAGAGAT  $\tt CCCCTGGCTTGCAGAAAATCCAGAAAATGCGGCAACCGGAAAGTACATAAACCTTGCCTTGTTGTAGCCATTCTGTATTT$ TGTGGATAACCATGTGTATTAGAGTTAGAAAACACGAGGCAAGCGAGAGAATACGCGGCTTGCACGCGAATTGGCGTTAA  ${\sf AGACGGCTCAAAGAAATATCTTTTATTTTTTAACTGGTTAGATAAATGCAATGGCAGTCACTGAACAGGCATCTCTTGCC}$ ATAAAACTGTCATCACTCATCTTGACAAATGTTAAAAAAGCCGTTGCTTTGGGGATAACCCGGTAAGGCCGGAGTTTTAT  $\tt CTCGCCACAGAGTAAATTTTGCTCATGATTGACAGCGGAGTTTACGCTGTATCAGAAATATTATGGTGATGAACTGTTTT$ GACTCATGAGTAAACCGTTCAAACTGAATTCCGCTTTTAAACCTTCTGGCGATCAGCCAGAGGCGATTCGACGTCTCGAA  ${\tt GAGGGGCTGGAAGATGGCCTGGCGCACCAGACGTTACTTGGCGTGACTGGCTCAGGGAAAACCTTCACCATTGCCAATGT}$ CATTGCTGACCTTCAGCGCCCAACCATGGTACTTGCGCCCAACAAAACGCTGGCGGCCCAGCTGTATGGCGAAATGAAAG AGTTCTTCCCGGAAAACGCGGTGGAATATTTCGTTTCCTACTACGACTACTATCAGCCGGAAGCCTATGTACCGAGTTCC GACACTTTCATTGAGAAAGATGCCTCGGTTAACGAACATATTGAGCAGATGCGTTTGTCCGCCACCAAAGCGATGCTGGA  $\tt GCGGCGTGATGTGGTGGCGTCTGTTTCCGCGATTTATGGTCTGGGCGATCCTGATTTATATCTCAAGATGATGC$ TCCATCTCACGGTCGGTATGATTATCGATCAGCGCGCGATTCTGCGCCGACTGGCGGAGCTGCAATACGCTCGTAATGAT  ${\tt TCGCGTGGAACTGTTTGACGAGGAAGTGGAACGATTGTCGTTATTTGACCCGCTGACCGGGCAGATTGTTTCCACTATTC}$ GAGCTGGCCGCCAGACGCAAAGTGCTGTTGGAAAACAACAACTGCTGGAAGAGCAGCGGCTGACCCAGCGTACCCAGTT TGATCTGGAGATGATGAACGAGCTGGGCTACTGTTCGGGGATTGAAAACTACTCGCGCTTCCTCTCCGGTCGTGGACCGG GTGAGCCACCGCCGACGCTGTTTGATTACCTGCCTGCCGATGGGCTGCTCGTCGATGAATCTCACGTCACCATTCCA GGATAACCGTCCGCTTAAGTTTGAAGAGTTCGAAGCATTAGCGCCGCAAACCATCTATGTTTCGGCGACGCCGGGTAATT  ${\tt ACGAGCTGGAAAAATCCGGCGGCGATGTGGTGGATCAGGTGGTGCGTCCAACCGGATTGCTTGACCCGATTATCGAAGTG}$ ATATCGACACCGTCGAACGTATGGAGATTATCCGCGACTTGCGTCTGGGTGAGTTCGACGTGCTGGTAGGGATCAACTTA   ${\tt ACGTTCGTTGATCCAGACCATTGGTCGTGCGCACGTAACGTTAACGGTAAAGCGATTCTCTACGGCGATAAGATCACCC}$ CATCAATGGCGAAAGCGATTGGCGAAACCGAACGTCGCCGTGAGAAACAGCAGAAGTACAACGAGGAACACGGAATTACG AAAATCGCGCCCGATTGTTGAGCCGGATAATGTGCCGATGGATATGTCGCCTAAAGCGTTGCAGCAGAAAATCCATGAGC TGGAAGGGTTGATGATGCAACACGCGCAGAATCTGGAGTTCGAAGAAGCGGCGCAAATTCGTGACCAGTTGCATCAGCTG CGTGAGCTGTTTATCGCGGCATCGTAACAGGATAGCGAAGAAGACTGATGACAAACGGAAAACAGCCTGATGCGCTACGC TTATCAGGCCTACATTTTCTCCGCAATATATTGAATTTGCGCGGTTTGTAGGCCGGATAAGGCGTTCACGCCGCATCCGG CATAAACAACGCGCACTTTGTCTTCAATAGGAAGCCGGAATTTTCCTTCGGATTTCCGTTAACCTAAAGCCTGTAACGCC TTTTCCAGCGCGTTATGTAACAACTGGCGGTCATGACGATACGGAATATCGCTGGCCTCCAGTACCTCCTGGATCACAAT TAATTGCCAGCTTCCAGCTTCAAATTAGCCGCAGGTAAACTCACCTCACGCCCCAGATTGCCGATATAAACCATC GGCGCTGGCGTGCGGCGTAATGCCTGGGCGATTTCCTTCAGCAGCAGAATTGGCATCAGGCTGGTATAAAAACTGCCAGG  $\tt CCCAATAATGATGAGATCCGCTTCATTGATAGCGTGAACCGCCTCACGCGTTGCGGGTACATTAGGCGTTAACAATAACT$ CTTGAATCGGCGTAGTTAACTGGTCGATATTGACCTCGCCGTAAACTTCATGCCCCTGATCGTCAATCGCCATCAGATCA  ${\tt ACAGGATGCTCTGACATTGGAATCAAATGCGTATCCACTTTCAGCAGATTACGAATTGATGGCTTCCAGAGGCCG}$  $\tt CCTTCTGAACGCCGAATACGCCCCGTCGAGCCACCATTATCGGTGGTGATGACGATACCCGTTAAACGAGAACCCAAAGA$ TGCGCATATAGTTTCCTGGAGTCAGATTATCCGCGCTACAGTAGCGCAAATTGCGGGGGAAACAGCAATTAACCTGCCAAT ATTGAGGATACAAACTATTTTCTTCTACCTCTAAAGGACGATGCACGCTATGCCTCCCTGATGATGTATATCAAAGTAAA ACCGCCATTTTCCCTTATTCTGTAGCGAAATAGCACGATCATGACGCTATATACATGATTACATAGCGAAAGTGTGGATG GTAAAAATCTCATTTACACGCTAGTATCGGCATAACCACTAAACACTCTAGCCTCTGCACCTGGGTCAACTGATACGGTG CTTTGGCCGTGACAATGCTCGTAAAGATTGCCACCAGGGCGAAGGAAATGACTTCGCCTCCCGTATCTGGAAAGGTG TACATGGCTTCACAACTGACTGATGCATTTGCGCGTAAGTTTTACTACTTGCGCCTGTCGATTACCGATGTGTGTAACTT TCGTTGCACCTACTGCCTGCCGGATGGCTACAAACCGAGCGGCGTCACCAATAAAGGCTTTCTTACCGTCGATGAAATTC GCCGGGTTACGCGCGCCTTCGCCAGACTGGGCACCGAAAAAGTGCGCCTGACAGGAGGAGAGCCGTCTTTACGCCGCGAC TTTACCGATATCATCGCCGCTGTGCGGGAAAACGACGCTATCCGCCAGATTGCGGTCACAACCAATGGTTACCGTCTGGA AAAGTCAATACCGTGCTGATGCGTGATGTTAATCATCACCAGCTCGACACCTTTCTGAACTGGATCCAGCATCGCCCTAT  $\tt
CCAGCTGCGTTTCATCGAACTGATGGAAACGGGCGAGGGCAGCGAGCTCTTCCGTAAGCATCACATCTCTGGTCAGGTTC$ TGCGTGACGAGCTACTGCGTCGCGGCTGGATCCACCAATTACGTCAACGCAGCGACGGTCCCGCGCAAGTCTTTTGCCAT  $\tt CCAGATTACGCCGGAGAGATTGGCCTTATCATGCCGTATGAAAAAGACTTCTGCGCCACTTGCAACCGCCTGCGCGTTTC$  $\tt CTCCATTGGTAAACTCCATCTGTGGTGAAGGCGGCGTTAACCTGCGCGATCTGCTGGAAGACGATACCCAGC$ AACAGGCGCTGGAAGCGCGTATTTCAGCGGCGCTGCGGAGAAGAACAGACCCATTTCCTGCATCAAAACAACACCGGT ATTACGCAAAACTTATCGTACATTGGCGGCTAAAACGTCAAAAGGAGAGATCAGATGAGTCAGGTAAGCACTGAATTTAT GCGTGGATCGCCAGCGACGATGTACAAGTGGTATTGATTACGGGTGGTACTGGCCTGACGGAAGGTGATCAGGCTCCCGA AGCATTGCTGCCGTTGTTCGACCGTGAAGTTGAAGGTTTTTGGTGAAGTGTTCCGGATGTTGTCGTTTTGAAGAGATTTGGCA GAAATAAGTATGTCGCAACTGACCCATATCAACGCCGCTGGCGAAGCGCACATGGTGGATGTCTCCGCCAAAGCGGAAAC AAGGCGACGTATTTGCCACTGCGCGTATTGCCGGTATTCAGGCGGCAAAACGCACCTGGGATCTGATCCCGCTCTGTCAT  ${\tt CCGCTGATGCTCAGCAAAGTTGAAGTCAATTTACAGGCCGAGCCGGAGCACAATCGGGTGCGTATAGAAACCTTATGCCG}$  GAAGCGGATGATTAAAGTTCTTTTTTCGCCCAGGTGCGCGAGTTGGTGGGAACAGATGCAACCGAAGTGGCTGCGGATT TCCCAACTGTTGAAGCGTTACGCCAGCACATGGCTGCGCAGAGCGATCGCTGGGCGCTGGCGCTGGAAGATGGCAAATTA AACCGGAGGTTAAGATGGCAGAAACCAAAATTGTTGTTGGTCCGCAGCCGTTCAGCGTAGGAGAAGAGTACCCGTGGCTG GCGGAGCGTGACGAAGACGGTGCGGTAGTCACCTTTACTGGTAAGGTGCGCAACCATAACCTGGGCGACAGCGTCAACGC ATTAACCCTCGAACACTATCCGGGGATGACTGAAAAAGCACTGGCAGAAATTGTTGATGAAGCGCGTAACCGCTGGCCGC TGGGGCGCGTCACTGTGATTCACCGCATCGGGGAATTATGGCCGGGCGATGAAATCGTTTTTTGTCGGTGTCACCAGTGCG GGATAAGGCACCGCTCCGCCAATTTCACCGCTCAGTACATACGTTTACGCTGCGTCGATGCACAGCCTCATCATTT TGCAGTATCCTTAAGATATTCCTTATATCTTCAGGAGATCGTCATGGACAGATTCCCACGTTCTGATTCAATCGTACAAC TGGTATGCGGCTAATTCCGCGGCCGTGATGGAGCTGTTGTTCACTAACCGTGTCTTTTTAATCGGTCTGATCATCGCGCA ATTAGCATTGGTTATTGTGTTATCAGCGATGATTCAAAAGCTGAGCGCGGGTGTAACGACGATGCTCTTTATGCTTTATTGCCGGGATGTTCGGCGCAATGAGCCTGTACGGTTACACCACGAAGCGCGATTTAAGTGGCTTTGGCAATATGCTGTTTAT GGCGTTAATCGGCATTGTGCTGGCATCGCTGGTCAACTTCTGGTTGAAAAGCGAAGCATTGATGTGGGCAGTTACCTACA  ${\tt TCGGCGTGATTGTCGGATTGACGGCGTATGACACGCAGAAACTGAAAAATATGGGTGAGCAGATTGATACCCGC}$ GACACGTCGAACCTGCGCAAATATTCCATTCTTGGCGCGTTAACCTTGTATCTGGACTTCATCAACCTGTTCCTGATGTT AAAACGACACTTAACAAGTACCAGGTATAAAATATGCCTTATGGACGAGCGGAAGCGTTTTCTGTATCCATAAATGCAAA ATACTCGCAAAACAGCAATAAATTAGATTTTCAGCACGAGGCCAGGATATTAAACGGTATATGGCTCATTACCGCTTTAG GTTTGGTGGCAACCGCAGGACTAGCCTGGGGAGCTAAGTATATCGAAATTACGGCAACCAAATATGATTCACCACCAATG  $\tt CGTAATATCTGTTTTACTCTCTTTGGTGGCGATTGTCGTTGCAAGTTTAGTTCCTGTATATGCCATTATCATCGTGT$  ${\tt TCAGCACTGCGGGCGGATGTTTTTAATCAGTATGCTGGCCGGTTTATTATTTAATGTTGATCCTGGTTCTCACCGTTTT}$ ATCATTATGATGACGTTGACAGGGTTGGCCCTGGTAATCATCGTGAATGCGGCATTAATGAGTGAACGGCCCATTTGGAT AATAAGTTGCTTAATGATTGTGTTATGGTCAGGCATTATCTCGCATGGACGAAATAAGCTCCTTGAATTGGCGGGGAAAT GCCATAGTGAAGAGTTGTGGAGTCCGGTTCGTTGCGCTTTTACAGGTGCATTAACACTCTATTACTATTTTATCGGCTTC TTTGGGATACTTGCCGCGATAGCTATAACGCTTGTCTGGCAAAGGCATACGCGTTTTTTTCATTAGCCGTAAATGCACAT ACTAAAGAACTTAACTAAACTTCACATCGCCGCTTCATTTTTCGCCCGTAGCTTCTTCGCCTGGCTTTCCAGCAACAGGT AACAGATCAGCGCCAGCAGCAGTGGGATAAAGTAATACAGCACACGGTAAGCGAGTAGGGCGGCGATAATTGTACCTTTG GAGGTATGCTCCCCAGCCAGTAGTGCGATAAACACCGCTTCCAGCACACCGATCCCCGCCGGAATATGCACGATGACGCC AGCAATACTACTAACCAGTAACACGCCCAGTACAAAGAAATAGTTCACGCTTTGACCAAGTAACAGCCAGATAATCGCCC  $\tt CCATTACCATCCAGTTAACGCTGGAAATCAGCATCTGAGCGAGGGCGAATTTCCATGAAGGCAGCACCAGCTTTTGCCCT$ TTGATGGTCATATGGCGGTGCTTCGCGAAAAGCGCAAAACCACAAATAAACCGCGATAATCATCAGTAAGCCAATGCCGAG AATACGCAGCGTAGTTTGATCGACATACCAGTGATCCGGCAACTCCACCACGCCTGCGGTAAAGATAATCCCTGCCAGTA AAATGTAGCCCAGCCAGTTGGTGGTAATACTGAGCGAGAAAATCCGCGTAATAGTGCTACCGGGCAACCCCAGACGAGAG TACAAACGATAGCGCATACCAATGCCGCCGACCCAGGTACTGAGCGTCAGGTTGAAGGCGTAGCAGATAAACGACACCAG  $\tt CATCACCTGGCGCTTCGCCAGTTTGTGACCGCAGTAAAAGCGGGCGAGCAGGTCATAGCAGCCGTAAATCAGATAGCTGA$  $\tt CGACCACCAGCCGCACTAAGCAGCGCAACGCGATTGTAGTCGCGGATGACCTTCCAGACCTCTTCCCAGTCCACT$ TTTTTGGCGTAGACCACCAGCAACAATCACCGCGATAAAAAACAGCCAGGTGAGGATCTTCTTTGCTAAGCGCCAGCG ATAATGCCGTTCAGATTATCGCGCAGCGTCTGGTTAAAATGACGATCGTGGATGATGACATTTGCTTCGAGATTCAGTGA GGCGGCGGTACTCAAAAACCTGAACGCCGCCTTTAACCAGATAGTTATACAGCAAGCGCGCACCGACTCTGACAATCGGC ATATCCGGTTCGCCCTGAATGATCAGTTTGATCCGCACCCCGCGCCGTGCCGCTTTACGCAAGGCGTGTAAAAATCGATA CAATAAAGGCTATACGCGCGTCGATCACCACAATTTTGCGATGCATCCGGCGGAAACACATTGGTGCGCATACCAAAAAGG CGTCATCCTCAAACCAGATAAACGTTTCAAGAATGATGCGTTCTTGTGCCTCGCCAATCGCCTTAAACACCGCGGGATAA TATTGCTCGCCGTTTTCCAGCAACTGGATCTTATTGCCTTCGCGCCAGCTACATTTCATAAATGAATCTCCGCACTTAAA GGGGCATGATCAGAAAGGTGTCGCCATGTCCGCAGCGGCAACGCGGTTGGCGCGCTGGCGCTGGCATTTTTTGACGTAGAT GTCCGGCCTGCACTTTAACGGATGATTAGCTTTTTGCCGCCAGTCATTGAAATCACCCGCCACCAATACCGGTTCGCCG AAACATCGCGATTCTCATAATGTTCAATGGGATAACGCGACAGTACGGCGTTGCCGTGATGCCCTTCCGGGTATACGGCA TTGCGACCGTAGGCAAAATCGCTCCACATAGTGTCGGCGAGAAACTCGTAGTGCGAGGTATCGGGCCAGTTTTCCACATG GTTCCGGCAAAATGAAGCGTCGGTTAAACGCGGTAAAGCCTTTGTGAATATTGATGGTGAGCACCTTGAACGAAAATTGT TGTGTTTGATCGGGCATAATTTTCCTGTCTTTGCCTCTTATCTCATTGAAATAGTGTAGTCGGCGTCACAAAAAGGTGCG GCTGGATGAGTAAGACTCTGGTTCACGTCGGCGTGGGATTATGCGCACTGTATTGTGTCACGGTAGTGATGATGCTGGTG TTTCAGCGCCACCCGAGCAACGCTGGCGTGAGGTGGCAGACGTGCTGGAAGAGCTGACCACGACCTGGTATTTTGGCGC AGCGCTGATTGTGCTGTGGCTGTTGTCCCGCGTTCTGGAAAACAACTTTTTGCTGGCAATTGCAGGGCTGGCAATCCTTG GCTTGGTAATGTCCGTAAAGTGGCGAATAGGGTTAATCCACGTCAGGTTTTGCAGCCATACCGGCATGTTTTCCACCGGA GAAACGTAACCGGAAAGGAGAATGGCGGGCATCATAAAGACAACACGCCGATAAACGCCTGCTGTTGTTGAACAGAG TGATGAAATCAACAGACCGAATCCCACCAGCGATAAACCATAAATCACCATCGTAAAGTAGAACAGCGCCAGCGATCCGG GCTTTGCCGATGAAGATCTGCCAGGTGGTGAGCGGCGAAACCAGTAGCTGATCGAGCGTACCTTGTTCACGTTCGCGGGC GACGGAAAGTGAAGTGACGATCATTACGCCGATAGTGGTGATCATGGCGATCAGTGACGGCACCACAAACCATTTGTAGT TAATTTTTGACGATCTGTTGCAGGTAGTTGGCGCCAATTTGCGCACTGTTGGAGTTACGCCCGTCGAGGATCAACTGCAA  ${\tt AGGCGCGGTCTGGAAGGTATCCAGTTTGCGCGAGAAGTCAGCCGGGAAACGCACCAGTAGTAACGCCTTTTGTGTGTCGA}$ TGGTTGGGCGGATCTCCTGTGGGCTTTTCAGCAGCACATGAGTAAAGGCGCTGGCGGGGCAAAACGTTGGGTCAGC  ${\tt CAGGATCACCTGAATTAGCACGGGTAAAATCAGAATCGCGCGGGTTTGCGGTTCGCGCAGCAACGACTGCAACTCTTTGC}$ GGATTAACGTCCATAAGCGATGAAACATGCTCTTCTCCCTAATCCAGCCGACGTTTGGTTTTCAGCCACGTCAGGCCGAT AAACATCACCGCCGAAGCGATCAAAAACAGCACGTTTACCACCAGCACCACTGGAATATTCCCGGCGAGGAACAGGCTTT GCAGGGTGCTGACGAAATAACGAGCGGGAATAATGTACGTCACCGCGCGGGATCACCGCGGGCATACTGTCGATCTGAAAA ATAAAGCCGGAAAGCATAATCGACGGCAGAAAAGCGGCGTTCAGGGCGACCTGAGCGGCATTGAACTGGTTGCGGGTAAT  ${\tt CGTGGAAATCAGCAGCCCCATCCCCAGGGTACTGAGTAAAAACAGGCTGGAGATAAAAAACAGAATCAGCAGCGACCCGC}$ GATACGGCACGCCGAGAATAAACACTGACACCAGCATACACAGCAACATCGCCAGCATCCCGAGAAAGTAATAAGGGATC AGCTTACACAGCAGCAGTTCCGTGCGGGTAATCTCCGTAGAGAGCCAGAGCCTCCATGGTGCCGCGTTCCCATTCTCGCGC ATTTGCCAGATCTGCCAGATCCCTTCGACATACCCCTGTACAAAGTTAGCGGTATTCGGCTCACTGCCGTCGGTGATCAC  ${\tt CTGAATCGGTGCGGTTGGCGCGCTCCATCTGTTCCGCAAAATCCACCGGAATAACCACCAGACCGCGAATTTTCC}$ GTGAAATCCAGCGCCGCTTCGCTACGCTGTTCCAGTAAAATCCCGACCCGCAGCTTGCTGGAGTCGAGGTTAATGCCGTA  ${\tt CGGTTCGTCGAGAAACAGAATGTCCGGTTCATGCATCAGCGAACAGGCCAGCGCCAGCCGCTGTTTAAAACCTAATGGCA}$ GTTCATCGGTGGCGTGGGAGGCGATACTTTTCAGGCCGAACGCCTCGCTCATGCGGGAGATTTTTTCGTTCTGCGCCCGA  ${\tt CCGCGTAAGCCATACACCACAGAGAAAAAGCGTAAATTCTGTTCGACCGTCAGGTTACCGTAGAGCGAAAATTTTTGCGC}$  $\tt CGTTTAACGGCAAAGTTGACGTGATCGGTGGCGGCAAAATCCCCAAATTTCTTGGTCAGTTCTTTCGCTTCGATCACCGT$  $\tt CTCGCCGGGTGTGCCTTCTACCGTATGTAATATTGCGCCCAGCGGCGATTCCGAGGTTCCGGCACCGCCCAGCAAATCAA$ TAAACGCATCTTCAAAACGCGGCGTAGTTTCGTTGATGTTGATTTCCGGCATCCCGTCGGCATGGCGAATATCGTCTGGT TTGCAACAGTTTGCGGTTGCCCTCGTGTGGACTGGTCATCAGAAAGCTGCGTCCGGCCATGGTTTGTGTCAGGGCTTTTG GTTCTCCCTGATACAGCAACTCGCCTTCGTTCATCAGTAACACGTCACGGCACTGCTCGGCTTCGTCGAGATACGAGGTA  ${\tt CTCCAGAGGGATTAACATCCCTTCGCCCGCCAGCTCATGCACCATCTGCCACAGTTCGCGCCGTGAGATAGGGTCAACGCC}$ GACGCCGGGTTCATCGAGCAGCAACACTTTCGGTTCGCCCACCAGGGTACAGGCCAGACCGAGTTTTTGTTTCATCCCAC  ${\tt CGGAGAGCTTGCCCGCCAGGCGTCCGGTAAACGGCCCAAGAGACGTAAACTCCAGCAGGCGAGCAAAAGTTTGCTTACGT}$ GCCTCGCCGGTGACGCTGCGCAAATCCGCGTACAGATTGAGGTTCTCCATCACCGTGAGATCTTCATACAGACCAAATTT  $\tt CTGCGGCATATAACCGAGCACGGCGTGCAGCGCCGTCGTTTTTGATCGGATCAAAGCCAATCACCGTGGCACTGCCGC$ TGTCGGGTTTCAGTAATCCCGCCAACATCCGCATCAGCGTGGTTTTACCTGCACCGTCCGGCCCCACCAACCCCGTCACA TAACCGGCGTGAATGGTACAATCGAGCGGCGCGCGGCGGCTTGTCCATGCCCGGAAAGCGTTTTTCCAGGCCGTTCAG GCGTCGGTCACCACACTACGCAGGCGATAGACGAGGTCGGTACGCAGATCCGGCGTTTCGACGGTTTTCGGGGTAAATTC AGCAGTCGGCGAAACGAAACCAATCTGCCCGTGATACGGCTTGTCCGGGCGACCATCGGTATAAAGCAGCACTTTGCGCC  ${\tt
CCGGCTGGGCCTGGTCAAGATTACGTTCATCAACATAAGCGCGCACCCACACCGGACGCGTTAGTGAAACGGTAAACACCC}$  $\tt CACGGTTACCGGAACGGTACTGACGCAATTTATCCTGTGCTGATTTCAGCGTTGCCTGCGCCTGGTCGCGCGAGGAGGAGCGG$ GCATTTTCCAGGTCATTTGCCGAAATAGTGCGGCTTTTCCACAACCCTTGCTGGCGGTTATAGAAGTTCTGCGCATAGTC  $A {\sf TAGGCGGCTTGCGCCTGTTTCACCGCTGCGGCGGCCTGAGCGATTTCTTCATTGCGATACCCGGCAAGCATCAGGTCAT}$ ACCTGGCCCGCTTTGATAGCATCACCTTCGTCCACCGCCAGCGATTCAACGCGCCCCCCAACACGGAAACTAAGATTTAC AACAGAATTGTTTCTTTGCCAAGACGGAACGCCAGAATCTCACCAATCAACGCATGGGTATGAAGGATCATGCGGGTGTC GGTGGTAGGCTGCCGTGGGAGAGCTGCTCACGGGAGATAAACTTGCTGAGGTTGACGGTGTCATCCTGGGTGAGCAGC TTAATCATGTTCCTGCAGGCGCGAAGGATCAGTTCACGGATGGCAGCCCGATCAGGCTGTGGTTGCGCGAACAAGCGTTC GGCTTCCTCGGCATGCGGACGGACTGCTCGCCAATAAAATCGGCAATCCACTGGGCGCGAGGCGAGGTACAAATCTTCTT  ${\tt TCGAACCGAAGTAGTAGGTGATGGCAGCGATATTCTGCCCGGCCTGGGCGGCTATCTCGCGAGTGGTGGCGTTCATTCATTCCATTCCATTCATTCATTCATTCATTCATTCCATTCA$ TATTCACCAAACTGCGCCAGTGCGGCAGCAATCAGCTGTTTTTTCGCCTGTTCACCCTTGATTGTCATGGCAGGATTATT TTAGCAACGCCAGTCACAGGGATAATTTATGCGCTGCGTCACAAAAACTGCTACACTCCGCTCCCTCATGACATTGTGGT TTTTGTCATTTTCCTTTTCAGTATCTCCCTGAAAACTACACCGGTAACGGTCGGGGCGGTTCGGAGTAGTTATGTCTTTCGGCGATCCCTGCGGTGCTGGAAGGCCGCGACCTGATGGCTAGCGCCCAGACCGGCAAAACAGCGGGCTTTACGC TGCCGCTGTTGCAACACCTGATCACTCGCCAGCCGCACGCCAAAGGGCGTCGTCCGGTACGTGCGCTCATTCTTACCCCG TGGTGGTGTGAGTATTAACCCGCAGATGATGAAACTGCGTGGCGGCGTTGATGTGCTGGTGGCAACCCCGGGACGTTTGC TGGACCTGGAACATCAGAATGCAGTGAAGCTGGATCAGGTTGAAATCCTCGTCCTCGATGAAGCTGACCGCATGCTCGAC ATGGGCTTTATCCACGATATCCGTCGCGTGTTAACAAAACTACCTGCGAAGCGCCAGAACCTGTTATTCTCCGCGACCTT CTCTGACGATATTAAAGCCCTGGCGGAAAAACTGTTGCACAACCCGCTGGAAATCGAAGTGGCACGCCGCAATACCGCGT  $\tt CTGATCAGGTGACCCAGCACGTTCACTTTGTCGATAAGAAACGCAAACGCGAATTGCTGTCGCACATGATTGGGAAAGGG$ AACTGGCAGCAGGTGCTGGTGTTTACCCGTACCAAACACGGCGCCTAACCATCTGGCTGAACAGCTCAATAAAGATGGCAT GTGTACTGGTGGCAACTGACATCGCTGCGCGCGCGTGGATATTGAAGAGCTGCCGCACGTCGTCAACTATGAACTGCCA AACGTACCTGAAGATTATGTCCACCGTATCGGGCGTACCGGTCGTGCGGCTGCTACCGGTGAAGCGTTGTCGCTGGTGTG TGTTGATGAACACAAACTGCTGCGTGATATCGAAAAACTGCTGAAAAAAGAGATCCCGCGCATTGCGATTCCGGGCTATG AGCCGGACCCGTCAATCAAAGCCGAACCGATCCAGAACGGTCGCCAGCAACGTGGCGGCGGCGGTCGTGGGCAAGGTGGTGGTCGCGGTCAACACCACCACCGCCGTGGGGAAGGTGGCGCAAAATCTGCAAGCGCGAAACCTGCAGAAAAACCGTCTCG  ${\tt CCGCCTCGGCGATGCCAAACCGGCGAACAACAACGTCGCCGCCGTCCGCGTAAACCTGCCGCTGCGCAGTAATCTT}$ TTATGCCGGGCTATGCCCGGCATCAGGCTGATGAACAAACGCAAAACTGCCTGATGCGCTACGCTTATCAGGCCTACGTG AACTCTGCAATATTGAATTTGCATGCTTTTGTAGGCCGGATAAGGCGTTTACGCCGCATCCGGCATTTCACAACAAGC ACTTGTCAGCAATTTGAGAACACGGGAAAAAATTTATCTGTTTTTACCGCCCATAAGCCACCGAGACGTTACTTCTCTATA GCCAATTGTTCGCGCAACTCCATTAAAAGGTAGCCCAGTCGATTCTTGCCCTTACCATGACCACCGTCTCCCCAGTAAGC TAGCGCGAAGTGCTTTTCGCATCACCTGTTCTTTGACCGACTCCCAGTTTTTACGCAGAGGCTTAGAACGATCGCGCCCC ATGCGTGCGGCGACCATAGGGGAAGAACCCGACGGATCTCTTCGCGGTATTTTTCATCAAGGAATTTTTTGTGCCTGAAA ATAGTGTTCTGAGGTAGGCCAGGTTTTCCCGTCAACCTTGATGGGCCAGGCGGCAAAGTTAGAAAAATCACCGTAGTCAT  ${\tt CGCTGGTGCTGTAGAAATTTATGATGGTGTCTTGCATGACGTGTTTGGATCCTTTGTGCTCGAACGGGCATTAAACCGCAT}$ TATGTTGGTGGTTATTGCGAGCCGCTTTCCAGAAACAGAAAAACCATTACCCCTGAAAACCGAAAAATGCCACAATATTG GCTGTTTATACAGTATTTCAGGTTTTCTCATGGCATTAACCGCCGCGCTTAAAGCGCAAATTGCCGCCTGGTATAAGGCG CTTCAGGAACAGATCCCCGACTTTATTCCCCGTGCGCCGCAGCGGCAGATGATTGCGGACGTCGCCAAAACGCTGGCCGG TTGCCCGCGAAGAGCAAAAAACGCTGGTGGTGAGTACCGCCAACGTGGCATTGCAGGATCAGATTTACAGCAAAGATTTA  $\tt CCGCTGCTGAAAAAGATCATTCCCGATCTTAAATTCACTGCCGCTTTTGGGCGTGGGCGCTACGTTTGTCCGCGTAATCT$ AAGAGCAAAAACGTTGTGCGAAGCTGAAGGGCGATCTCGATACTTATAAATGGGATGGTCTGCGCGATCATACTGATATC GCTATAGATGACGATCTCTGGCGTCGTTTAAGTACCGACAAAGCCAGCTGCCTCAACCGCAATTGTTACTACTATCGTGA TGGAAAGCGAAGCGGTATTGCCTGACCCGAAAAATTTACTGCTGGTGCTGGACGAAGGCCATCACCTGCCGGATGTGGCG  $\tt CGGGATGCGCTTGAGATGAGCGCCGAAATCACCGCGCCGTGGTATCGGCTACAGCTGGACTTGTTCACGAAACTGGTCGC$ TACCTGCATGGAGCAGTTTCGCCCGAAGACCATCCCACCGCTGGCGATCCCTGAACGTTTGAATGCGCATTGTGAAGAGT ATGGGCGAACTGCCAGATGAAGTGCTGGAGATCTGCCAGCGGCTGGCAAAACTCACCGAGATGCTGCGTGGCCTGGCGGA GTTATTTCTTAACGATTTAAGTGAGAAAACCGGCAGCCATGACATTGTACGTCTGCATCGGTTGATTTTGCAGATGAACC  AAATGGGCGACGCGGAAGAGCGCGAAGGGCACCTCTGGTTTCACTGCGTGGGAATACGTGTCAGCGATCAGCT GGAAAGGCTGCTGTGGCGCAGTATTCCGCACATTATTGTCACCTCCGCAACCTTGCGTTCGCTGAACAGTTTTTCGCGTT TGCAGGAGATGAGTGGTCTGAAAGAGAAAGCGGGCGACCGTTTTGTGGCGCTGGATTCCCCCTTTAACCACTGCGAACAG GGCAAAATTGTTATTCCCCGGATGCGCGTTGAGCCTTCCATCGACAACGAAGAGCAGCATATTGCCGAAATGGCGGCCTT TTTCCGTAAGCAGGTGGAGAGCAAAAAACATCTCGGTATGTTGGTACTGTTTGCCAGCGGACGGGCGATGCAGCGCTTTC TCGACTATGTGACGGATTTACGTCTGATGTTGCTGGTTCAGGGCGATCAGCCGCGTTACCGTTTAGTTGAACTGCACCGC  ${\tt AAACGCGTCGCCAACGGTGAGCGCAGCGTGCTGGTGGGCTTACAGTCATTTGCCGAAGGGCTTGATTTGAAAGGTGATCT}$ GCTCAGCCAGGTGCATATCCACAAAATCGCTTTTCCGCCCATCGACAGCCCGGTGGTGATCACCGAAGGGGAATGGCTGA ATTCGAAGCCACGGTTGCTGGGGCGAAGTGGTTATCTACGACAAACGCTTGCTGACCAAAAATTATGGCAAGCGACTACT TGACCTTGAGTTGGGCGGCGTATTGATTGCGCTGCGTATCAAAGGAGAAGGGGAAGCAGAGATGCTCGGCTTTTACGAAG CGTAAACAGGCCAACCTGACGCCGTTGTTGGCGATTCTCCTGCACAAACTCGGTTTTCCTGTGGTGGTTCACGGGGTTAG AGGCGAAGCTCGACGACATCAACCGGTGTTTATGCCAGTCGCGCGCTTTTTGCCCGCCGCTGGAAAAACAACTGGCGATG CGCTGGCGGATGGGCGTAACAGTGCACATACCCTGGCGAAACTGGCGACGCCATTTGCCGAAGGTGAGGCGCTGCG TGCATGGTACTGAAGGTGAAGTGTATGCTAATCCGCAGCGCTGCCCGCAGATCAATCTCATTGACCGTGAAGGGATGCGG GTGCTGTATGAAAAACAGGACACTGCTGGTAGCGAGTTACTGCCACAAGCAAAAGATCCGGAAACCACGGCGCAGTGGAT TGAGCGTTGCCTTGCTGGCAGCGAACCGATTCCCGAATCGCTGAAAATCCAGATGGCTTGCTGCTGCTGGTTGCTACGGGTTG AAGCGGCAACTATCAGCGACGGCCTGGCGCGCGTTAATCAGGCATTTTAATTCTTTTCTCAGCCGGATGAGCCATGTCAT  $\tt CCGGCTTTTACCCCACCGCAATATGAAATTCCTGCATCTTTATTGACCTTCCCACGCCCGGCGTGCAGCATAAAAATACA$ GGCTGTATTTCGTCAGATGGGTAGCGAGGAACAAGAAGCGAAATTAGTTGCCGATCATTTAATCGCGGCAAACCTGGCAG GGCATGATTCACATGGTATTGGCATGATCCCAAGCTATGTACGCTCCTGGAGTCAGGGGCACCTGCAAATTAACCATCAT GCCAAAACCGTTAAAGAGGCGGGGGGGGGGCGGTCACGCTCGATGGCGATCGCGCATTTGGTCAGGTCGCGGCACATGAAGC GATGGCGCTGGGGATTGAGAAAGCGCATCAGCACGGTATTGCCGCCGTGGCGCTACATAACTCGCATCATATCGGCCGTA GTTGCTTGATTACGCCACCAGCGCCATTGCATTTGGCAAAACCCGCGTCGCCTGGCATAAAGGCGTCCCCGTGCCGCCAG GTTGCCTGATTGACGTTAACGGCGTGCCGACGACCAATCCGGCGGTAATGCAGGAGTCGCCGTTGGGTTCGCTGTTGACC TTTGCCGAACATAAAGGCTACGCCCTTGCAGCGATGTGTGAAATTCTTGGCGGGGGCGCTTTCCGGCGGTAAAACGACGCA TCAGGAAACGTTACAAACCAGTCCCGATGCCATTCTTAACTGCATGACCACTATCATCATCAACCCGGAACTCTTCGGCG CGCCGGATTGTAACGCGCAGACCGAAGCCTTTGCCGAGTGGGTGAAAGCCTCGCCGCATGATGATGATAAGCCGATTTTG CATTTGTGATGCAGCGCGGCAGATTGGTATGCCGGAAGAGACGTTGCAGGCTTTCTGTCAGCAGTTAGCCAGCTAAAAAA AAGCCCGTCCAGTGGCGGACGGCCAAACAAGGGTAACATAGGATCAATGAGGGTTAGAGCATATGCGTCTGTCGGCAAAC AGACAGGGAAATACTTGTGCTGGACGTAGCGTAAACGCCTGATCCGTCCAACGGTTCGGATTTTGTAGGCCTGATAAGAC ATGCCGTTACCGGTTCCGCCGCGAACACGCCAAATGACAGAGTTGAAAGAGCCATAGCAGCAACAACAGTATTGATAGTT TTCATAATTAATCTCTCGCAGGTGATTTTTGTATAAGTGACGTTGTTTCGTCGATGTGATGAGTATCACGTTTTTTTACG TTGTACTTATGAACTTGTTTTATACCGCGTGGCAGTCACAGCAGCGTTAAAGGCACGGAATGACACGCAAAATACAAATT ATACTCGCTATGCATCTCGCCAGTTGTAGTTAACGTAACTGGCTGTCTTTCGAACCTCTGCGATTATATCCTGTATAAGC TGGTTTTTGTAAATCTTTCTCCTGCTGACAATGAATACATAAGCGCACGCCAGGAATGGCTTCCCGACGGGCCTGCGGGA TGGGGGCACCGCACTCTTCACATTCATCCAGGCTTTCGCCGCGCGGAATTTCACCCCGAGCGCGGGCAATCGCATCTTCA ATTGTACTGTTGATCTGTTGACGGCGTCATCGTTAGCCCAACCGGATGCCATATCGACCTCCCCATATCAATACTT GTACAGTTAAGTGTAGCTAATCCAGGGACGAACTCGGGCAGTTCAAGCATCAGATCTCCGACCATTCCCGCAGCAGATTA TGATAAAGATTAAGCAGCGACAGGATCTCTTCACTTTCGCCGTAGCGGCTTTTCAGCGACTGAATATTGTTGTCCAGTTC AAACAGCATGGCGCGCTTTTTATCATCGCGGATCATCGACTGGATCCACATAAATGATGCCACTCGTACGCCGCGGGTTA GTGTCATTAACGACCAGTTCGCCGCCGTCGTAGCTTTGTGGATCGCTTAAAAACAGCGTGGCAGAAAGGTCAGTACGCAT  $\tt CCAGCCGTTTTGTGGATGGCTGCGTACTGCGCCATCCACATGGAAACCATAGGTTTCATTGTTCTGATAGCGATTAAACA$ GCGGCGTGGAAAGGGTACGCGGCAAGGCCGCGCAAAGAATAAAGCATGTTGGTTAACCGCGTTCAGCACCTCATTTTGC TCCATCCACCCATTCGGCTTGTTCCAGTTGTTCGCGAAAACGAGCGACGTCCTGTGGCGATAACACGCCGGGAATGTGGT ACATCATACAATTTCTCCAAAAAGTGGGGCCTGCGCCCCACATCTGAATCAGAAATGCATATTGGCTGTGAGCAAGAAGG TTTAGCTGGAAGTCGAGATTGCGATTAACTCGATACCCCAGTTTGGCATCGGCGACCCAGTAACCTTCGGTAAACGCTGG CGTTCCCACCGCGCCGTCTGAACCTTTATGCATACTGCCGATATAGCGTGCGCCCCGCGCCAACAGAGATATCGTCGGTTG  $\tt CCTGATATTGGCTCCATAAGGTGAAGGCGTGCTCCGGGGTATACGGCAGCGATGAGGAACCATCCTGGGCAACATCTTTG$  ${\tt CCGTTTTTGATGGTTGCTTTTTGCTGGGTATAGCCGCCAATCACCTGCCACGCGGGAGTGATATTCCCGGCCACGGATAT}$  $\tt CTCATAGCCTTCGACGCGTTTCTTACCGTATTGCGAGTAGGTTCCGTCATCATTTTGCTCAACTTCATTTTCGATATCAG$ TGCGGAACAGCGCGGCGGTGAGCAACAGACGTTTATCCAGAACCTGCCATTTGGTGCCAATCTCGCTGGTGTTGGCTTTT
TGCGGTTTAAAATCGGTGCGGTTGGCACTGTTACCGCTGCCAGACTGCGCAAGGGCGAAGTTGTTGCCGCCCGGAGGCTG  ${\tt CTGGGAAACGGCATAGTTAATATAGACATTGCCGTTTTCCGTCAGGTGATACAGCGCCCCGGCTTTCCAGTTCATCAGAT}$ TGCCCGACTTGGCGGTGTCGACGGTGGTGACCGGAGAACCTTTTGCCACACCAGTTGGGCAGGTGATGGCACCGCGTCCG GGTGATTTGCAGCGTATCAAAGGCGTAAATTGCGAAGGTATCCGTCTGACCATTGGCGTTTGCGCCGTTGCGCGTCAGGC GTTTCACGGGTAAATTCCACGCCGGTACTGACATCATGACCGATAGAACCGGTATAGAACGTCGAGGTCAGGTTGGTCTG GAGTAATATTCGACGCCCCGCCCATAATCGCCGTCATCAGGTAATCCTGCTTTACGCGCGACCAACGGGTAGTATTGCGA ATGGTGGTGTTATCGTTGATGTCGTGCTCAAAACGCATGGTGGCGGTGTCGGTGGTCGAATCGTCGTAATCGGAATCCGTGCCGTAAAAGTTATGAGTATCAACTTTTCCGGAATGATTCAGGGCCGCCGTTCCCGCAGATGGGGCAGAATAGCCCGGCA AACCGATGGTCGGAATGCCGCCGTCTGGCGTGTTGTGCTGGGTGACATGCAGATAATTAAGATACAAACGATTCGCTGTA GCCCATTACATTCAGGCGCACCGCGGTGGTATCACCAATGACCTGATTGACGTCCAGCGTGCCGCGGCGGAACCAGGCGC GATATCGCGAATGCCATCAATATAAATACTGTTAGAGGTATCGGCACCACGCATATAAATGGCGTCGCCAGTGGTGGAGT TTAATCACTTGTTCAGAAATTACCGTCATCGTGCGGGTAGTATCCGCTACCGGACGCGAGAATTTCGGATCGGCAGATTG TTGTGGCGCATAAAGCGAAGGCGTTGATGCTTCGACAACCAGCGTGTCATCCGCGTTAGTTTGCCCTTCGGCGGCGAGTG TTGTTTTCCATTTTGCAGGTGACTTTTTCTTATATGTTGAAATTTTCACTGCCACGAGAAAGCCTCTCTGCGGATGCGAT GCCACTGTTAATCCCGTGATAGTGCTCGTGAAAGTGATAATAATTTTGATAAGCATTATCACTTGGAGCGATTTTCTATC ACCCATTGCGCGAAAAAGAAATACATTTATTTACATTGAGTTCATATTTGATGTTTTTTGATTACAAAACAGACGAAAAC TGCATCCAGAGGCGAATGCAGTTACGTTGGTGGGGGTTATTTGTAGATGGTTGCAGTACCGAACATCTGGTCATTTCCGCC TGCGGAATTAATGACATAACCTTTCGCGCCTTGTTCGCGCGCTTTTTCTGCCAGTTTATCCTCCAGATCGCTTAGGTTTG  GTGAGAGAGATTCCGCTCAGGACGGTGGCAATCAGTAGTGTGAGGCACTTTTTCATAATGACATCCTCATAAATACAACG GGTAGTGCCTGATAAGTGTAGGTCGCCTGCGCGATGCAAATGACGCAAAAAATTGACAGAGATGTGCTTATTTTTTGAAC GATATATTTTTACAAAATAAGACAAATCAATGACATGCATAATGCTGATTTTTATGATGAATTGCCATAAACCATAGCCA TGTTAAGGTTTTGGGGAATGATAAACGCAGCCAGATATTTACCCTGTCGCGTTATGCGGGGTATCTTACGCCGCTGCTTAA AGGAGAATGCTATGTCCGCCCAGAAACCGGGGTTGCATCCGCGCAACCGTCATCACAGCCGCTACGATCTCGCCACGCTT TGTCAGGTCAATCCTGAACTCAGGCAATTCCTCACGCTTACACCCGCGGGGAGCAAAGCGTAGACTTTGCCAATCCGCT GGCGGTGAAGGCGCTCAATAAGGCGTTGCTGGCCCATTTTTACGCCGTAGCGAACTGGGATATCCCCGACGGTTTTCTCT TACCGGTAGTGAAACCAGCAGCCAGGCGTTAAGCAGTGCGCAGGCGATTATCAGTTCTAATCCGGGGCTTAACCGCGCCA TTCGTCTGCGTCGGCAAAAAGAGAGTGGGGCGATTTTTAACGGCATCATCCATAAAAACGAGCAATACGACGCGACCTTG TGTAACCCGCCATTCCACGATTCCGCCGCTGCGGCACGGCAGGTAGTGAGCGTAAACGCCGTAACCTGGGGCTGAACAA AGACGATGCACTGAACTTTGGCGGCCAGCAACAGGAGTTGTGGTGTGAAGGCGGTGAAGTCACCTTTATCAAAAAGATGA TTGAAGAGAGCAAAGGCTTCGCGAAGCAGGTGATGTGGTTTACATCACTGGTATCTCGTGGTGAAAACTTACCGCCGTTG TATCGTGCCCTGACGGCCGTGGGCGCGGTGAAGGTGGTTAAAAAAAGGGTGGCCCAGGGGCAAAAGCAGAGTCGCTTTAT TGCCTGGACCTTTATGAACGACGAGCGCCGCCGCTTTTGTCAATCGCCAGCGTTAAAGCGTTGGTTCCCCCGGCGGTA TGTTTTTCACCTGGCTGTCGAGGGCAAAGCGTACCGTCCACTGTTTGAGTGGCAGCGTGGTGAACGAAACACGCAGTGT TTAATTCCGCTACCGCATCTTTCAGTGCCTGATTGGCTTTATCAGCATCTTCATGGCGATCAACATCATAATTTGCCACC  ${\tt ACCGAACCAATGCCGCGGACAAAGTTAGCAAAGGTGGTTATCGAAGACCACGGAATGATGTGATACGCCCCGGTATCCTG}$ TCGTACGCCCACGGAGCGAATCGACATCCGTTCCACTGTGCCGGTCAACGGCCCGATAGTCACCAAATCTCCAGTGTTCA TGCCGTTTTCAAACTGAATAAATACCCCGGTGATAATATCTTTCACCAGCGTTTTGCGAACCAAACGAGATAGCCAGACCT AATGCCCCGGCACCTGCCAGCAATGGCGCGATATTGACGCCGATTTCCGACAACACAATCATGATGGTGATGGTACTGAT AGGATATCTACGGTTTTCTGCCCCGCGCCGTTTTGCAGCCAGTTCCAGAAATCGAACAATCCCCATGCGCTCAACAGCAA GCGATACCAATAATCGCCAGGCTGCGCACCGTTGCACCCATCATAAATTTCAGGCTGTTGCCCGGATCGAACAACGAAAA GTCATGCACAGCATAATGATGACGTTCGCCAGCGCACCTATCTGTACATTCACCTGATTAGAGATAATCGGCACGGCCAC AATCAGGCCATAACCTATCAAACTGCTTAACCAGCTCAGGCGACGACTCCAGTAACGGGCGCTCTCGTCCTGAATCGTGA ACGGGCGCAGCTCCGCCACGTTTGGGCAAAAAATCAGGCGTAGTACGGCTTTGAAAAATTCAATGAGGGCAAAGGCGTTG CAGGGCCAGTAACAGCAGGTCGATAATAAACGCCCCGATAATCATCGCCGGAAGCTGCAACCAGTTGCTGCGCTCACGAT AATACCGCTAACATTGAAAAATGGGTCAGCGCATTGCTGAAGGTTTGTGGATTAAACGGCTTATGCGGGGAGCCGGTGAT ATTGCGATAAAGTTGCCCGAAGCGGCGGAAAGGGCTTCACCATAATGGCGGCTGACTTCGGTGACCTTTTGCAGCACGG TTTGCTCTTCGACCAGCGTCGGCGCACTATTTTTGGTACCGGTTCAGCAGGGGGGCGTAGCGGCAACGGTGCGCAACTGG CGCCCAGCAGGCAGAAGAGAGATGAACAGGATCCACCGCATGACTCCTCCAGTGAGAAAATAGAGCAAAAAGATAAGTATA GATGCTGGAGGAGGGGCGATTTTAAATGAGAGGAATCTGGTGTGCCTCCCTTTCGGGTGAAAGGGAGGAAGGGATATTAA  $\tt GCAGGTTGCTGACAACGTGCGGGCTTTTTTGCCGGATGCGGCGTGAACGCCTTATCCGTCCTACAAGTTCATGCAATTTT$ AATAAGTTGCCAGATATCCTGTAGGCCTGATAAGCGTAGCGCATCAGGCAATGTGTCTTATTAAGAGACGTGCTGCAAAA ATTCCTGCAAGCGCTGGCTCGGCGGGTTCTTGATCAACACCTGCGGATTGCCATCTTCCGCAATCCGGCCTTTGTCGATA ATCCTGCATAACCTTCAGCACTTCATGGCGCAGTTCCGGGTCAAGAGCGGAAGTCGGTTCATCAAACAGCATCATTTTCG GCTTCACCGCCAGCGCGGGCAATCGCCACACGCTGCTGTTGACCACCAGAAAGTTCGGAAGGGTAGTGATGTGCACGT GCCAAACATGACGTTTTCCAGCGCTGTCAGATGCGGGAAGAGGTAAAACTGCTGGAACACCATACCTGCTTCCTGGCGAA TCAGGCGCTCGTCAACTTTCGGATCGTTAACCTTCAGGCCATCGACAATCAGATCGCCGGAGGTGATTTCTTCCAGTTTG TTGATGCAGCGCAGCAGGGTCGATTTACCGGAACCGGACGGCCCGATAATCACCACGACTTCGCCCTGGGCAATGTTCAA  ${\tt ATCGATATTGTGCAGCACCTGGGTTGGCCCAAAGTGCTTGGAGACGTTTTTAAATTCAATCACAGGATTTTCATCCTTCT}$ TTCCAGACGACGCAGAATAAAGCTCAGCACCAGGGTAATAATCAGATAGAACACCGCCACGGCGCTCCAGATCTCAAGGG CGCGGAAGTTACCGGCAATAATTTCTTGCCCCTGACGGTCAGTTCCGCCACGCCGATCACAATAAACAGCGAGGTGTCT TTAATGCTGATGATCCACTGGTTACCCAGCGGCGGCAGCATACGACGCAGTGCCAGCGGTAAAATGACGTAGCGAATGGT TTCCCAACGTGAAAGACCGAGCGCCAGTCCTGCTTCACGAAAACCTTTGTGGATAGACAGCACCGCACCACGCGTGATTT ATCGGCAGGGCGAAATAAATAAACATCACCTGGACGACGATAGGTGTGCCGCGGATCACTTCAATAAAGACCAGCGCGAC GTGGTTGGCTATCCAACCTCCGAAGGTGCGTGCAAAACCTGCCAGCAATCCGATTACCAGACCGCCTGCCAGACCGAGGA  ${\tt CCGAAATCCACAGGGTCATTTTGGCACCTTCAATCAGAAGCGGAATGGCAGGCCAGATGGCACTCCAGTCAAACTGCATA}$ ATTTTTTGTAGATTTCGTTGTAAGTTCCGTTCTCGCGCAGGGTTTTCAACGCGCCCGTTGACTTTGTCACGCAGCTCGTCG TTTGATGAAGTACAGAATGTTTGGCGTATCGTGCAGAACGGCGTCTGCGCGCGGTTGGTGCCCAGTTCCATATAGGCGTTAT  ${\tt GCAACCACTTTCCCGTCGAGATCTTTCACGCTTTTCACATCGTTATTGTTAGCTTTCACCATCACTAACAGGCCGCTTTT}$ GTAGTAGCCGTCAGAGAAATCGATCGCTTTTTTACGCTCGTCGGTGATGGTAATGCCCGCCAGCGCCAGATCGACGTTTT TGGTTTGCAGTGCCGGAATGATCCCACTGAAATCCATCGGCTTCAGTTCGTAATCCAGCTTCAGCTCTTTAGCGATGGCA GCCCACAGATCAACGTCAAAGCCCACATATTTATCGCCCTGTTTAAATTCAAACGGAACGAAGGCGGTATCCGTCGCGAC AACTAATTTTTTATCCGCGGCATGAGAAGAAACCGCAAAAGCCAGGGTCAGTGCAGCCAGTGAAACTTTTAATACAGACT TCATAGCATTTCCTTTTTCTATCCACGGGACGATCCCCTGCGTGACATTCACATATATGAAAAAATCGTGCCAGTTTTG CAACTCCTTGATTTTTCGAGATGCGGCAAAAACGTGATGCACGATTTATAGGGCAATACCCTGAAGATGCACCATTCTGG  $\tt CGTTGAGGTGGGCTGCAAAACAAACGGCCTCCTGTCAGGAAGCCGCTTTTATCGGGTACTAAAGTTCTGCACCATCAGC$ GATGGATTTATTCGATGTTAGACTCGATAAACCACAGGAATTTATCCAGGTCGCGAGACGCGGGGGTCAGGATATCTGCG GTGTCGTCATCTTTCGCTTCGCCAATCGCTTTGCGTACGTCATTAGCGACGATTGCGTAACGGTCAGCCAGTTCTTTCAG GTGATCCTGAACGTTGTGGATGTCCAGCGGGTAACTTTTCAGCGGGGTTTTGCTGTTGATAACTTGAGTGGTCCCCAGAG  ${\tt AACCTGGCGATTCAGCAACTCTACTGTTGCTTTTTTCTCGCTGTCGGAGACATCGTTGCGGGGTATAAAGCAGATTGGTCG}$ CTTTTGATTTAACTAATTTAGCGGTACTCATAATTTCATATCCTCTTGATGTTATGTCCCAGTAATTAACGAGATTAAGT ATAGCACCGGCTATGTGTTCCGCTATTCTGGCTGTTCCTATCACACTAATAGTGGTAACAAGCGTGAAAAACAAAACTAA TTTTGCATAATTCGATATATAAAGACGGTGTAGAGGAAAAGTAGCGAGAAATTCTGCATGGTTATGCATAACCATGCAGA AATGTAAATTTAATGTCTAATTCTTTTATTTTGCTCTCTTTTGCGTACTGTCAGCGTAGACCCCATTGAAGCGGCGA GGTTCCATGCTCATCAGCGTACCAAATGTCCGTGTTGGCAAACGGGTGAGGGCAATCATTTCCAGCGAATAAGGCAGAGC GGTCGAGAGAATAGCGACAGCCAGACCCAATGGAATAACCGACCAGTGCCAGAGTGCTTCACCAGCCTGAAGCGCTCCAA CTTAAAATGTAAATAGCCCAACAAGCCCCGGCCCCCAGTGCCAGCGCACAGCCGGTTAAATCGACATGGGAAACGTCTTG

 $\tt CCCCAGCGGTAGCAGGACCACAGACCAAGAACCGCCAGCACAACCCAGACGAAATCTACCGGGCGACGAGAAGAGAACA$ TAATTCATCCCACCCAGCGAAACGCCGTAAAACAACAGCGGTAACCGTTGCTCTTTGGCAAAGCGCAGTCGCCATGGCTT AAAGAACGCGATGAGGATCAGCGTTCCTAATGCCAGACGCAGCGCAGTGACACCCGGTGCGCCCACCAGAGGAAAAAGTG ACTTAGCTAACGAGGCTCCACCCTGAATAGACGCCATGGCAACGAGCAATATGACTATTGGTAACCAGACCGGCATTTTA CGTAATGAACCAGGCATCCTTTCTCCCACAAATATCTAGACTTAAGTAAAGCGTGGAGTGTACTGGATATACCCAATGCT GGTTGAGCATTTGTTGAAAAAATTTTCCCCCGTTTTGACTAAAATGCGCCAGGATTGATGGAATCATTAGTCTGGTGATT AGGAATAATCTGGATGAATGACAGGGAAAACATGCGTAATACTTACGCAGTTCTCTGAAAAAGTGATTTAAATTTAGATG GATAGCGGTGTATGGAAACGTTCTGTTACATGAAATGGCCCGTTAGACATCACAAATCGCGAAGAGTTTCCCATTAATTT TTGATATATTTAAAACTTAGGACTTATTTGAATCACATTTGAGGTGGTTATGAAAAAATTGCATGTCTTTCAGCACTGG  $\tt CAGGGCCAAATGAACAAAATGGGCGGTTTCAACCTGAAATACCGCTATGAAGAAGACAACAGCCCGCTGGGTGTGATCGG$ TTCTTTCACTTACACCGAGAAAAGCCGTACTGCAAGCTCTGGTGACTACAACAAAAACCAGTACTACGGCATCACTGCTG GTCCGGCTTACCGCATTAACGACTGGGCAAGCATCTACGGTGTAGTGGGTGTGGGTTATGGTAAATTCCAGACCACTGAA TACCCGACCTACAAACACGACACCAGCGACTACGGTTCTCCTACGGTGCGGGTCTGCAGTTCAACCCGATGGAAAACGT TGCTCTGGACTTCTCTTACGAGCAGAGCCGTATTCGTAGCGTTGACGTAGGCACCTGGATTGCCGGTGTTGGTTACCGCT TCTAATCACTTTGGTGATATAAAAAATCCGCCTCTCGGGGCGGATTTTTGTTTTTAAGGTTTCGGGTCGAAAATATCGGT TCCGAGATGGTTGTAATCCACCTTCTGTAACTGGAAGTTGGTGATGTATATCGGCCCGGCTTTCTTCTCAGATATAAACG GGTATTTGATGTTAATTTCCTTCGCTTTAATCCCCGTCCACTGGGAGAAAAAGCCTAAGAAGTCATTGGCTGAGCGGCGG GCTTTAATCACACGATGCGCTTTATCGTCGCTGGAAATGACCATAAAAGGCACCTGGAAATTTTGCTGATATTTATCATC ATGGGCAAGGTATTGCACGTCTTTACCGCGCTCTTTAAAGGCCAGACCGTGGTCAGAAAAGTAAACCAGCGAGAAGCTGC TGCCGCTGTTGCGTAACTGATCGTACAGCTTGCGCAGTAAATCGTCCGTTTGCGTCATGGTATAGAGATAGCACGACGTT TCTTTCGATTGCACAAAGGTTTCGTATTTTCCTTGTGTCCTGTCGCAGGCCTGCGGATGTGAGCCCATCAGATGTAGAAC  ${\tt AATCAGCTGCGGTTGCGAGTGCTCTTGCGCCAGCACTTGAGCGGTCATATCCAGTAACGCTTCGTCTTTGGTGTTTTTAT}$ CTGCTTCAAAATTACCTTCTTTCAGGAAGTACACTTCATCTGCTCGTTTTGGCGATGCTGGCGATAGCGGTATCGTATTCG TGGTTTGCCATCGACAACGCGATTGAGCCTTAAGCCAAGCGATTTCTGCGTGGAGCCACTGGCGGCAATGTAGTCAGCAA ATATCAAACCGTTAACGCTGCTGGCAAACGGGGTATTGTCCCAGTGACCGCCAAAGGCACCGAGGGCATCGCGACGCGCG TTTTGCCATCCGTTCTTCAATCACCTCGTTATTATTGACGATGACATCCTTAGCAAAACGAAATACCGGATAGC CAGTATCTTTCAGTTTAAATACGCCACCCCAGGCCAGGTTTTGCACGGGAGCAACAAAAATGTCGCCACACTGAATACC AGACACAGGCTGTCGAAGGTATTCCAGCGCGCTTTTTCATTCTCTTTTTTTCGCCTGATTGCTATTACGCCGAGCGCAAA ATGCCAGCAATGTATTGAAATTAGGCGCGCCGTAGGCCTGAGCAAAAGGGAAATAACAAGCCGCCACCAGCGAACTGACA  ${\tt CCGACCAGAACTTTTTGTACGCGAGGCAATGTTCGCCATAGCAAAAGCAAAATAGCCGTAAACGCAGCGGTGTAGAGCAA}$ TACGGGTAACAAGCGATTCTTTGAGGGTTAAATTCATATGCCACTATCGTAACAAACGCCATGTGCTTACCCTGGCGTCA  ${\tt AGGGTCAATACCTGCAAGAGTGCGTGAAGAGTGGAAAGGGGTCCGCATCCGCGAGCCGCAATATACGCCAGGGCTGCAAGA}$ AGATAGAGCGAGCCGCCTTCAGGTCAACTACTGACGAACAAATCTTTTGCGAAGGGGATTGCAAATCCGACAAAAAGTG GGGTTTTTCAGACCAAAACGCGTTATGCCTGCATGAAAGCAGGAGTGAAGCGGCGTACCGCGACGCCGCTATTTATCGGA AGGTTTATCTTGCTGCGGTTTGTTGACCATATCGCACAACATAGAGAGCAGCATTAACCGTACTTTAAAGGGAGAAT GACTAAACACGCGCATACACCTCTTGAACTCATTCATAAGACCTCCTGACTTGCTAATCCCGTCGATCCTTGAGGGATGA TTGCATTACATACAGATATAGCACAGGCTATATTATATAGCTATTGCTAAAACGTTAATTTTTTTGTACCTTCGCAACTCT GGTTTACAATGTGCGCACGAAATGAGAACGCTATGTATGCGTCACCATAATGAGGAAGCACAATGAGTCGTCGCGCAGGT TGGCTGCTCGTCTGGGAGTTTCGCAACCGACGGTGGCTAAAATGCTTAAGCGGCTGGCAACCATGGGGCTGATTGAAATG 

AAATTTCTTGTTGGTGTTGGGCGTCAGTCCGGAAATCGCCCGTCGCGACGCGGAAGGCATGGAGCACCATGTTAGTGAAG ATCGTTTTTTCAGTTATTAATTCTTGTTGGTATCGGATTAAGCTTTTTCGTGCCCTTTGCACCGAAATCCTGGCCTGCT GCTATCGACTGGCACACCATCATCACCTTAAGCGGCCTGATGCTGCTGACCAAAGGTGTGGAGTTAAGCGGTTATTTTGA TGTGCTGGGGCGCAAAATGGTGCGCCGCTTTGCTACGGAGCGTCGGCTGGCGATGTTTATGGTGCTGGCGGCGCGCTGC TTTCTACCTTTCTGACCAACGATGTCGCGCTGTTTATTGTTGTTCCGCTGACTATCACGCTAAAAAGACTGTGTGAGATC  $\tt CCGGTTAATCGCCTGATTATTTTTGAGGCGCTGGCAGTCAACGCTGGTTCGCTACTGACGCCAATTGGCAACCCGCAAAA$ TGACGCTCCTGCTCCTGTGCTGTTTTTTCCCTGGAAAGGCGATGCAATACCATACGGGGGTGCAAACACCGGAGTGG AAACCGCGGCTGGTGTGGGGTTGTCTGGGGCTGTATATCGTCTTTCTGACGGCGCTGGAGTTCAAACAAGAGCTGTGGGG TTATGGCGATGTTTATCGACGTCCATTTACTGACCCAGCTTCCAGCGTTGCAAGGCGTGTTGGGTAACGTGAGTCATCTA TCTGAACCCGGGTTATGGTTAACGCCAATCGGTTTATCGCAGGTGATCAGTAACGTGCCGAGTACCATATTGTTGCTGAA  $\tt CTATGTGCCGCCGTCTTTATTACTGGTATGGGCGGTAAACGTAGGTGGCTTTGGGTTATTACCCGGATCGCTGGCAAATT$ TGATTGCGCTACGTATGGCGAACGATCGCCGCATCTGGTGGCGTTTCCATCTCTATTCAATACCGATGCTGTTGTGGGCG GCGTTGGTGGGATATGTTTTGTTAGTTATACTCCCGGCCAACTAGGGTCTGGCAAATAAAAAAGGCGGATTATGAGTCCG  $\tt CCTTTTGCTTTAAGTTTTGAAGATTAATTCAGACGAACCGGCATCCCGGAGCGGTTTTTAATCGCTTCATCAAGAACAAC$  $\tt CTGGTCAACATCTGGCTGACCGGTCACTGTCTGCACGCTCTTCGTCAGGGTAATTGGCACAATTTCCTGACCTTCAAACT$ GGGCTTCGGTGGTAGACAGCGGGTTATGGACTTCAATATAACGGCTGCCGTCTGGCTCGGTGGTCGCTTTTACCGGCTCA ATGACTTACACGCAGGCCGATACCGAAGTTGGCGTTGGTGCCATGGATACCAGGCGACCGATATAGAGTGCATACA GCCCCATCGGGTTATCCGGACCTGCCGGAACGACAGCCGGAAGCGGTTCGCCCGCAGCGCGGTACTCTGCGTGCATTTTG  ${\tt GCGGTCGGCGTCCAGGTCGGGCCTGCTTTTTTACGCTCAACTTTGGTGGTCCAGTTGATAGGCGTATCTTTGCCTAACTG}$ ACCAATGCCGATCGGCACCACTAACGGTGTTGGTCCCTTTCGGATAGTAATAAAGACGCATCTCAGCACTGTTAATGA CGATGCCTTCATGAACGGTATCCGGCAGGATCAGCTGCTGCGGAATGTTCAGTACAGTACCGCCTTTCGGCAGGAAGGTA  ${\tt TCCACACCCGGGTTCGCTTCCATCATATTGGAAAGCCCCATCTGGTACTCGGCGGCAAAATACTCCAGCGGCTGAGTGTT}$ ACCTTCAGGAATGGTGATCACCTGATTCTGACCAACCAGGCGACTCCCGTCGGTTGGCAGAGGATAAGTTACCGCAGAGG CGGTACTGCAAAAGCCGACAACAGCGAAGGCCGCTGCGAATAATGTTTTCAATTTCATATTCATGTTAAGCGAGATTTTG TGCCTGGCAGGCCATTGGGTTGAGAATATTAGAGTATTGGAAGCGCATTATAAGTTCATTCCAGCTCACAGTGAAATCAG ATGTGTACGAAATCACATTTTTTGCCTTTGGCTTGAGTGTAGACCTTAAGCGAGGAGCAGGATCTTCTTTCAGACTTATG GCATAATGCGCGGTTTGTCATATCTCTTTTCAGGATACGCCTGTGTTAGTTTCCAGTAACGTCACCATGCAGTTCGGCAG TAAGCCGTTGTTTGAAAACATTTCCGTCAAATTTGGCGGCGGCAACCGTTACGGCCTGATTGGCGCGAACGGTAGTGGTA GGTAAACTGCGTCAGGATCAGTTTGCCTTTGAAGAGTTCACTGTGCTGGATACGGTGATCATGGGGCCATAAAGAGTTGTG GGAAGTGAAGCAGGAGCGCGCTCTATGCTTTGCCGGAAATGAGTGAAGAAGACGGCTATAAAGTGGCCGATCTGG AAGTTAAATACGGCGAAATGGACGGTTACTCTGCGGAAGCTCGCGCCGGTGAACTGTTGCTTGGCGTGGGAATTCCAGTG AGCGTGACAGCACCATGATCATCTCGCACGACCGTCACTTCCTTAACATGGTCTGTACCCACATGGCGGATCTGGAT TACGGCGAGCTGCGCGTTTATCCGGGTAACTACGATGAGTACATGACGGCGGCGACCCAGGCGCGTGAACGTCTGCTGGC CGATAACGCCAAGAAGAAGCGCAGATTGCTGAGTTGCAATCTTTCGTTAGCCGCTTTAGCGCCAACGCCTCGAAATCTC GCCAGGCAACTTCGCGCGCGCGCCAGATTGATAAAATCAAACTGGAAGAGTGAAAGCCTCCAGCCGTCAGAACCCGTTC ATCCGTTTTGAACAGGATAAGAAACTGTTCCGTAACGCGCTGGAAGTGGAAGGTCTGACCAAAGGGTTTGATAACGGTCC GCTGTTTAAAAATCTCAACCTGCTGCTGGAAGTGGGTGAAAAACTGGCGGTACTGGGTACCAACGGCGTCGGTAAATCAA TATGCTCAGGACCACGAATATGAGTTTGAAAATGATCTGACCGTGTTCGAATGGATGAGCCAGTGGAAGCAGGAAGGCGA TGACGAGCAGCGGTACGCAGTATTCTCGGTCGTTTTGCTGTTCAGCCAGGACGACATCAAAAAGCCAGCTAAAGTGCTTT   ${\tt AACCACCTGGATATGGAATCCATTGAGTCGCTGAACATGGCACTGGAACTGTATCAGGGCACGCTGATCTTTGTTTCACA}$  $\tt CGACCGTGAGTTCGTAAGCTCCCTGGCGACCCGCATTCTGGAAATCACCCCGGAACGCGTGATCGACTTTAGCGGTAATT$  ${\tt ACGAAGATTACCTGCGTAGTAAAGGGATCGAGTAAGTGATTATCCGTCACCCCGATACTGTCGGGGTGACGGCGGCTGAT}$ GACAAATGCAAAATAGCCTGATGCGCTACGCTTATCAGGCCTACGCAGTACCTGCAATATATTGAATCTGCAGGACTTTG TAGGCCGGATAAGGCGTTAACGCCGCATCAGGCATTAACAAAGCGCATTTGTCAGCAATCTGAGTAACGTCGAATCGATT GGCAAGCGTAAAGCGTCCTTCCCAGTTTGTTTCATAGTCCTCGCGCGGGAAGTCGCCCGGCGATGCGCCTTTTTCCAGTG  ${\tt CGGCCTTCACCTTGTGCGCGTAGGCAAGATTTTTCTCGCACATCGGTGCCGCAGGAATGTACATCACGTTGCCCCAACCT}$ TGTTGATTTTCAACGGGGGCAACGGAATGGATGACGTCGCAGTGCCACCAGACGGAGTCTCCGGCTTCGAGTTTTGGAAT GCTGGTTAACGCCTCAATCAACAGTGGATGCCATTGCTCTGATACCGGCAATACTCTTCCGGGCGCTACGCCGCACAGTT CGTGTACTCTTCAACTTCCGTACGATGTGCCGCATGCCAGGGATCATATTGCGCCAGATTGCCATTAAAGACGTTGGCGA A AACGCGCTGATACGCTGGAAGCAGCCAGCGTTCCAGTGCCCCGGAGTCGGTATGCGCTCCAAGACCTTTGGAGGTCGTT $\tt CCGGGCGGACGGCGGATACGGTCAGGGTAGATGACGCTCACATCCGGGTTAAACCATTGCTTTCCATCACTTTCAAA$ TGTCCACAGACGATTGAGAAACGACTGCGCATTCGCCATTTCTTCACTCTGGCGGGCCTGCATTTGCGCCTGCGACCAGT AGATGGGGTAAATCTCGGGACGTGAAGCGCTGAGCGTCCCGAAGAAATTATCGCCGGGGCCTTTGTAGACCTCGTCAAAG  ${\tt CGGTTGCGGTCCAGATAGTCCAGCCTGATCCCAGCCTAGCGCTTGTTCGCGGGGGAAATGGCCTTTTATCACCGC}$ AGACGGCATCGCCCTGTGCTTTGAGTGCGTTGATTTCAGCCACTCGCGTGGCAATGTCATCGCTTAGCTGATTAAAGATC GCTGGTAAAAGTAGAAGCCATAACCACCTCTCATTAACTTTCATTCGAAACCATTCTGATTTGCATGTGACAATATAAGT TATAAATAAGTTAATGCAAGTTTAATGATTTGATGTGATGTACAGGATGTAAAAAAGAAGGGAAAACCGGAGCGCACGGCT  ${\tt CCGGTAGAGAGGTCAGCTGTTAAAAGGGGATGTGTTATCCAGCACCGCCTGAATCACATTCAGCGCGCCTTCATGATTAT}$ TATCATCGGTAGCGTAACGGGCGATTTGTTTAATGTTTTCCGCAGCATTGCCCATCGCAAAGGAATAACGCGCCATTTTC AGCATCTCCGCATCGTTACCGCTGTCGCCAATCGCTACCACATTTTGCGGTGACAGATCCCAGCGTTTCAGTAACCGCGA AATACCGTTTGCTTTATGTAGACCGGGAATAATCAGGTCGATAAAGCCAAAACCACTGGTAACGGGTTTCATAATGCCAT TCAATCTCCTGATAATCTTTTACAGGTTTCAGGCGATGGTAGTGTTTTGCCATCAGTGCGACAAATGCTTCGGGGGGCATT TTCGCTGACATATGCACTTTGCAGACCGCAGGCGACAAAATTGAGTTGCTTATCTTTTAGCAACTCGCCAATAACAATCC GCGATTCATGTCGGGTCAGTTCGCCGTGGAACACTGCTTGCCATGTTCGTAAACCAGTGCGCCGTTTTCCGCGACAAA GAGATCTCATCCTTTAGCTCAGGAAAGAATGAAATAAGCTGGTAATACTGATTACCGCTGGCAACAACGAACTTAATGCC TGTCTGTGACGATAACTTTTACGCTCATAGGTGTGCTCCTGGCTCGAAAATGAAACCGTAACAGTGTAATAACAATGTGA CGCAGAGCACAAATTATATTTCGAATGAAAGTAAGGATGAAATTGATGATGTGAATGATTTAGCCCGGCGACGACGCCGC  ${\tt CGGGCCGAGGAGATTACAGCATATGTTCAGTACGGGCGATGATATCGTCCTGAGCGTCTGGAGAGAGCGCGGTGAAGAAC}$ GCGGAATAGCCCGCGACACGCACTACCAGATCGCGATACTGATCGGGATGTTTTTTCGCATCCAGCAGCGTTTCGCGGGA AACGATGTTGTACTGAATATGCCAGCCTTTATGCACTTCAAAGAAGGTACGCAGCAGCATCATCAGTTTCTGCTTGTCAG ATTCGTTCTCCAGCGTTGCCGGATTCAGTTTCTGGTTGAGCAACACGCCGCCGAGAATCGCTGCCGTAGGCAGTTTACCC TTTACGCCCGTCCGGTGTTGCCATAGTCTGCGCGCCAAACGGTACGTTAGCGGAGATTGATGACGTACCCGCGTAATAGT TGCCGCCAACCGGACCACGACCGTAGCGCGGATTATGGTACTGTTTCAGTTCGTCGATATAGGTCTGATAAGCGCGAGCC AGCAGCGTATCGACAGTATCATCGTCGTTGCCGTACTTCGGCGCACCGTTAATCAGCCGCTGACGCAGCTGCTCGTGAGT ATACTTTTCGCTCGCTCAATACAGTCATCCACCAGCGCCGAGCAGAGAATATCGTGCACGTTCTCTTCCAGCATGGTGTC GACGACATATTCGATTTCGATTTGCGGGTGTAGTAACGGATTTGCGTATCCCACGCGTCCATCACTTCATCGAAGT TGTTGAAGTTACCTGCCGACAACGCTTTTCTTGTGGCAGGAACACTTTGCCGCTGGTGGCATCATGCCCGCCTTCCAGC GCCGCCAGCATCACGCGGCGAAGTTGATAAAGCTCATGCCGGTACAGCGATAGCCCCATTTGCCACCGACGGCGGTTTC TATACAACCAATCGCTGCGTAGTCATAAGCGTCCTGCGGTTCAATACCGAGTTTAATAAATTCCGGGATCACGATTTCGT  $\tt CGCGTCCATTGGTTGACCATCAACCAGATTTTGCCCGCCAATAGTGACGTTCTGATACAGCGGACTTCCCGCAGAGGCTT$  ${\tt CGATCCAGCGTCTGGTTGAGTTCAACGTCGCGGCGATAGTACTGGTTAGGAGGATACTGGTCCATACGACCAAACGATACTGA}$ GTGACCGTTAGATTCGATCTGCAAAATCAACTGGATGAAGTAACACAGTTGCAGCGCCTGCCAGAAAGTCTGCGGCGGCT GGTGGCCGATAAGATCGCAGTTTTCTGCCATCGCCAGCAGTTCATCGCGACGGCTTTCGCGGGGTTTCGGTCGCGGCCATT GCCAGCAGACCTTTTTGCTCATCGGTAAACATGCCGTAGCAGCGATCCTGTACGGTCTGACCGCCCACCACGGGCACAC TTCATGCAGAACGCGTTTGTTCTCTTCGCTCACCGCAAAGCCAGCACCGGGACGATCTGCCAGATCATCAATCTCTTTTT TTGTTGATACATCTCGGTATAGTGCTGCGCGCGCTCGGTACAGACTGGCGGTTTCACAATATGCACCAGCGCATTTTTGT  $\tt GCGCTTTAATGCGGTCGCTGAGCGTGTCCAGTTTCAGTGTGTCATGGTTGTTATCCTCGTAAGGTCGCGGTTAACCCTT$ TCTGGCAGGCATACTGCTGGGCAAAGTCGAGCAGTTCTGGCGCATCAAGCGGTTTTTCCGGGGCGTCATAGGGCAGATTA AGTAAGTGATATTTGTTGATGCCCAGCGTGTGGTAGGGCAGAAAATGAATTTCGCCAACGTGCAGCTCGTCGGCGGCAAA TGTTTTAAATCGGCAAGAACAGATCGATATAGGGCAGAGAGGGGCGATATATTTCCACGGCACATGCAGACAGGTTTC TACCGCAGTATGAATGCCTGCCTCGTGGCTGGCTTGCAGTAGCGCCATCGCCATTTCCGGCTGCATAAAGGGCTCACCAC  ${\tt CCGAAAGCGTTAAACCGCCGCCGCTGCGATCGTAAAACCGGTTTATCGCGCAGAACGGTCGTCATGATCTCCTCAACGCTT}$  $\tt TTCACTTCACCACACGGTTAATGCCTGTGTCGGACAGCAGTCGGTTAACGCCGTCAGATGCTCCGGGGTTAACTTTTC$ A CAGTCGTGCGTCATACAGCAGATCCTGCGTGCGGGCGCGGCTTTCCGGGTTCTGACACCAGCGGCAGCCCAGCGAACAG $\tt CCTTTAAGAAATACGACCGTGCGGATACCGGGGCCATCATGGGTCGAGTAGCGCTGAATATTGAAAATCATAGTTGCCTC$ TCTATTTCGTTCAAGCATTAAAATACTTTCGAATGAAAGTTAGATTGATGTGCGTCAACTGTTCAGAGAGTTTTCCCGTG ATAGTCTACATTCAGACAAAAAGTACATTTTGAGGATGGTTATGGAACTGTATCTGGATACTTCAGACGTTGTTGCGGTG TGTTGTGCTTCCGCAACTTCATGAAGCGATGGGCGGTCAGGGGCGTCTGTTTGCCCAGGTAATGGCTACCACTGCCGAAG GGATGGTTAATGACGCGCTTAAGCTGCGTTCTATTATTGCGGATATCGTGGTGAAAGTTCCGGTGACCGCCGAGGGGGCTG GCAGCTATTAAGATGTTAAAAGCGGAAGGGATTCCGACGCTGGGAACCGCGGTATATGGCGCACACAGGGCTGCTGTC GGCGCTGGCAGGTGCGGAATATGTTGCGCCTTACGTTAATCGTATTGATGCTCAGGGCGGTAGCGGCATTCAGACTGTGA  $\tt CTGGACTGCTTACTGGCAGGATGTGAATCAATTACTCTGCCACTGGATGTGGCACAACAGATGATTAGCTATCCGGCGGT$ TGATGCCGCTGTGGCGAAGTTTGAGCAGGACTGGCAGGAGCGTTTTGGCAGAACGTCGATTTAACCGGACGTTCTGCATC  $\tt CCCCGGATTACGCATCAGTTTCATTTCGCGAAACTGACAGGTCATCGCATCGTACATGACGATTTTCCCGCTGGCCGGTT$ TGCCATAACCTGCCAGCATTTTGATCGCTTCCATTGCCTGCAACGAACCAATTACGCCGATCAACGGTGCCATTACGCCT GCTTCCACGCAGGTTAATGCATTTTCACCAAACAACGGCTAAGGCAGCGATAGCACGGTTCACCGTCCTGATAAGTAAA GACGGTGATTTGACCTTCCATACGAATTGCCGCGCCGGAAACCAGCGGTACCTTCGCGGCAAAACAGCCTGCGTTCAGTT AGCAGTGCATTGACTGGCGTAATCGCGATATGTGGGTTGATCCGCGTCAGGGCGTCACGGGCGGATTCCACCTTCGGTTG  $\tt CCCGACCGTGGCATCACTGTGCAGTGTCTGGCGTTGCAGATTCGAGAGCGGAAACCGTGTCGAAGTCGAGCAGCGTCAGGT$ TACCGACACCGGCGCTTGCCAGATACTGCGAGGCTGCACAGCCGAGGCCGCCCAGGCCCACTATCAGCACGCGAGAATCT TTCAGCGCCTCCTGGCCGTCAAAATCAAAGCCGCGCAGAATGATTTGCCGGTTGTAGCGCAGCATCTCCTGATCGCTGAG TTCCGCCATTACAGGCCTCCGAACACGCGTTAAACGGTTCTACTTCCACCCATTCGCCCACTTCCACATTGCCGCGATC GCGTTCCAGCACGATAAAGCAGTTGCCGAGGCTAAAGGAGCTAAATATATGTGAACCCTGATGTCCGGTGGTCGTCACTT GTGCGTACGCGCTGGCGGCGGCGGCGCTGGCGGTGTTACCGCTTAGTTTTGCCAGCAAAGGCTGTACCAGTTGATA GAAGGTCAGCGTCGCTGAAACCGGGTTGCCCGGCAGGCCGCAGAACCAGCTATTGCTGAGTTTACCGAACGCGAACGGTT TACCTGGTTTAATCGCCAGCTTCCAGAAGGCGATCTCCCCCAGCTCTTCAAGAATCGTTTTGGTGTAATCCGCCTCACCC ACTGAAACACCGCCGGAACTGATCACCACATCCGCCTGGCTGTCGGCTTCAATAAATGCGGCGCGCAGGGCATGGGGATC GTCGCGGATAATCCCTAAGTTAATTACCTCGCATCCCAACTGTTCTAACATCAGGTGTACGGCGAGACGGTTGGTATCGT ATCACCGGAACTTCGGCAATCCCCAGTGAAGCAATTACTGGCAGCTCTGCGGTAGTCAGGCGAGTTCCCGCCGGGAAAAC TGTCCATTTGTTCAGTCTGCTCCTGCATCACCACCGCTTCGCAGCCTTCCGGCACCGGCGCACCGGTCATAATACGAATG AATATCGGCTAAACGCACCGCGTAGCCGTCCATTGCGGAGTTATCAAACCCCGGAACATCAAGCGGCGAAACGACATCGC
TCGCCAGAATACGACCAAAACACTGTACCAGTGGCAGCGTTTCCTGGGCGGTCAGTGGGGTGACGCGAGAAAGCATCTCA TTAAGCGCGGTGTCGAGCGACATCAATCCGGTGGTAAATTCCATGAAAACACTCCTGCGGAGGCAAAATCGAATTTGCCT ATTATGTCAGAAAAACGCCACAGACTGTATGCCACCTCGGGCGTAGCGCTGGGTCCTGCCTTTACATGCCATATCCATCT TTCTATATTCAAAAATTGAATGAGTAATTCATAAAAATTCTGATATTATAGCAAAAGTGGCGAACCACCCTTAATGGAC GAATACTATGGGCAAAGCAGTCATTGCAATTCATGGTGGCGCAGGTGCAATTAGCCGCGCGCAGATGAGTCTGCAACAGG AATTACGCTACATCGAGGCGTTGTCTGCCATTGTTGAAACCGGGCAGAAAATGCTGGAAGCGGGCGAAAGTGCGCTGGAT GTGGTGACGGAAGCGGTGCGTCTGCTGGAAGAGTGTCCACTGTTTAACGCCGGAATTGGCGCTGTCTTTACGCGTGATGA ATCCGGTTCTTGCCGCCCGGCTGGTGATGGAGCAAAGCCCGCATGTGATGATGATTGCCGAAGGGGCAGAAAATTTTGCG TTTGCTCGTGGCATGGAGCGCGTCTCGCCGGAGATTTTCTCCACGTCTTTGCGTTATGAACAACTACTGGCAGCGCGCAA GGAAGGGGCAACCGTCCTCGACCATAGCGGTGCGCCACTGGATGAAAAACAGAAAATGGGCACCGTGGGGGCCGTGGCGT TGGATTTAGACGGCAATTTGGCGGCAGCCACGTCCACAGGCGGAATGACCAATAAATTACCCGGACGAGTTGGCGATAGT TGGAAAAACTCCCTGCGCTTGCCGGTAGCGGTGGCTTAATCGCTATCGACCATGAAGGGAATGTCGCCCTACCGTTTAAC  ${\tt ACCGAAGGAATGTATCGCGCCTGGGGCTACGCAGCGGTATCGCCAACCACCGGTATCTACCGTGAAAAAGGGGACACCGT}$ TGCCACACAGTGATGAACTTGATGCCGGTAATGTGCTGGCGGTTGAAAATCTGAATATTGCCTTTATGCAGGACCAGCAG AAAATAGCTGCGGTCCGCAATCTCTTTTAGTCTGCAACGCGGTGAGACGCTGGCAATTGTTGGCGAATCCGGCTCCGG AGCGGCGCAGTCGCGAAGTGATTGAACTTAGCGAGCAGAACGCTGCACAAATGCGCCATGTTCGCGGTGCGGATATGGCG ATGATATTTCAGGAGCCGATGACATCGCTGAACCCGGTATTTACTGTGGGTGAACAGATTGCCGAATCAATTCGTCTGCA GCGGTGCTGATTGCCGATGAGCCAACCACCGCGCTGGATGTCACTATTCAGGCGCAGATCCTGCAATTAATCAAAGTATT TGATGTATCAGGGCGAGGCGGTGGAAACGGGTACCGTCGAACAGATTTTTCATGCACCGCAACATCCTTACACCCGTGCG  $\tt CCCGTTTCCCTTTGCGCAGCGGTTTGTTGAATCGCGTAACGCGGGAAGTGCATGCCGTTGAGAAAGTCAGTTTTGATCTC$ GGGATATTCAGTTTATTTTTCAGGACCCTTACGCTTCGCTGGACCCACGTCAGACCATCGGTGATTCGATTATCGAACCG   $\mathsf{TGAACATGCCTGGCGTTACCCGCATGAGTTTTCCGGCGGTCAGCGCCAGCGCCATCTGCATTGCTCGCGCGTTGGCATTGA$ ATCCAAAAGTGATCATTGCCGACGAAGCCGTTTCGGCGCTGGATGTTTCTATTCGCGGGCAGATTATCAACTTGTTGCTC GATCTCCAGCGTGATTTCGGCATTGCGTATCTGTTTATCTCCCACGATATGGCGGTGGTAGAGCGGATTAGTCATCGTGT  $\tt GTAAATTACTGGCGGCAGTTCCGGTCGCTGAACCGTCCCGACACGACGACGTGTACTGCTGTCGGACGATCTTCCC$ AGCAATATTCATCTGCGTGGCGAAGAGGTGGCAGCCGTCTCGTTGCAATGCGTCGGGCCGGGGCATTACGTCGCACAACC ACAATCAGAATACGCATTCATGCGTAGATAACATTCAGGCGGAGAATAAAATGGCAAGAGCTGTACACCGTAGTGGGTTA GTGGCGCTGGGCATTGCGACAGCGTTGATGGCATCTTGTGCATTCGCTGCCAAAGATGTGGTGGTGGCGGTAGGATCGAA TTTCACCACGCTCGATCCGTATGACGCAAATGACACGTTATCTCAGGCCGTAGCGAAATCGTTTTACCAGGGGCTGTTCG AGATTACCCTCAAACAGCCGTTCTCAGCGTTTATTAATATTCTTGCCCATCCGGCGACCGCGATGATTTCACCGGCAGCG  $\tt CTGGAAAAATATGGCAAGGAGATTGGTTTTTATCCGGTGGGAACCGGACCGTATGAACTGGATACCTGGAATCAGACCGA$ TTTTGTGAAGGTGAAAAATTCGCGGGTTACTGGCAGCCAGGATTGCCCAAACTGGACAGCATAACCTGGCGTCCGGTGG AAAGCCGTTCGATAACCCGAAGGTCCGTGAGGCGCTGAATTACGCCATTAACCGTCCGGCGCTGGTGAAAGTTGCCTTTG  $\tt CGGGCTATGCAACGCCAGCTACTGGTGTGGTACCGCCAAGTATCGCCTACGCGCAAAGTTATAAACCGTGGCCTTACGAT$ CAGCACCGCGCAGAAAGTGCTGCAATTTACCCAGCAGCAGTTAGCGCAGGTCGGGATTAAAGCCCAGGTGACTGCGATGG GCTTCAACCGGCGAAGCGGACTGGGCACTATCGCCGCTGTTTGCCTCGCAGAACTGGCCACCGACGCTGTTTAATACCGC GTTTTACAGCAATAAACAGGTGGATGACTTCCTGGCTCAGGCACTGAAAACTAATGATCCGGCGGAAAAGACCCGCTTAT ATAAGGCGGCGCAGGATATCATCTGGCAAGAATCGCCGTGGATCCCGCTGGTGGTAGAAAACTGGTGTCGGCACACAGT AAAAACCTGACCGGTTTTTGGATCATGCCAGACACCGGCTTCAGCTTTGAAGACGCGGATTTGCAATAAGCAACGCAGGG  ${\tt AGTGGAATGCTTAATTACGTTATCAAACGCTTACTGGGGTTGATTCCGACGCTGTTTATCGTCTCGGTGCTGTTTTTT}$ GTCAGCAGCTGGGGTTGGATCAGCCGCTGTATCACCAGTTCTGGCACTATATCAGCAATGCTGTGCAGGGGGATTTTGGC TATGGTCTGGGCGGTTATATTTGGTATGGCGGCGGGAATTATCGCCGCCGTCTGGCCGTAACCGTTGGCCGGATCGATTGA GTATGACCATTGCGGTGTCGGGGATCTCGTTTCCGGCATTTGCTCTGGGGATGCTTTTAATTCAGGTATTCTCCGTTGAA CGCCGTGATGGCGCGCTTTACCCGCGCGTCGTTTGTCGATGTTTTAAGCGAAGATTATATGCGTACCGCGAGGGCGAAAG GGGTGAGCGAAACCTGGGTTGTCCTCAAACACGGGCTACGTAACGCGATGATCCCGGTAGTGACCATGATGGGCTTACAG  $\tt TTTGGCTTTTTGCTCGGTGGTTCCATCGTTGTGGAGAAAGTTTTCAACTGGCCGGGACTTGGACGCTTACTCGTTGACTC$  $\tt CGTAGAAATGCGTGATTACCCGGTGATTCAGGCGGAAATTCTGCTTTTCTCGCTGGAATTTATTCTTATCAACTTAGTGG$ TGGATGTGCTTTACGCCGCCATTAACCCGGCTATCAGGTACAAGTAAGGATGCGACTATTTAACTGGCGACGTCAGGCGG  $\tt CGCCGAAAATTATTTTGATTATGACAATCTGAATAACGGACCTTCTTTGCAGCACTGGTTTGGCGTCGATTCACTGGGGC$ GTTTGCCTTCCCGGGTATTTTACTGGCGATCGCTGTTGTTGCGGTGTTGGGAAGCGGCATTGCTAACGTGATTATTGCAG TCGCCATTTTTTCCATCCCCGCGTTTGCCCGCCTGGTGCGCGCAACACGCTGGTGTTGAAACAGCAAACCTTTATTGAG GTTTTTCACCATGCGCATTGGTACCTCGATTATCTCTGCCGCCAGCCTCTCATTTCTCGGCCTCGGTGCGCAGCCGCCGA  $\tt CACCAGAGTGGGGAGCAATGCTCAATGAGGCTCGAGCGGATATGGTTATCGCGCCGCATGTCGCTGTTTTTCCGGCCCTG$  GCTATTTTTCTGACCGTACTGGCGTTCAATTTGTTGGGCGATGGTTTACGCGATGCGCTGGATCCGAAAATTAAAGGATA GTTACGTTTGAATATTGCTTGAAAGGGTAATCACCTCACAGGAAATTATTGCCCTAAGCAAGTGTTGTAACTTTCTGCTG ATTTTGTAGAATCGGGTAATTTGGTTAAAAAGCCGCAGCAAGGGACAATTTTTGCAGCGGCACAGCGTTCAGATAGTTAT GTCATTTATTGGTCTTTTTTCATCATTAACTATCAACTGGTATCGGAGCGCGCGGTAAAACGTGCCGATAGCCGCTTTG AACTTATTCAGAAAAACGTTGGCTATTTCTTTAAAGATATTGAACGTTCGGCCCTGACATTAAAGGACTCACTGTATTTA TTAAAAAATACAGAGGAGATTCAACGCGCCGTGATTCTTAAAATGGAAATGATGCCATTTTTAGACTCGGTGGGACTGGT ACTTGATGATAATAAATATTATCTTTTTTCGCGGAGGGCGAATGATAAAATCGTTGTTTATCATCAGGAACAAGTAAATG GACCGCTTGTCGACGACTCAGGGCGGGTTATTTTTGCCGATTTTAACCCATCGAAACGACCGTGGTCGGTGGCTTCAGAT GACTCTAACAACAGCTGGAATCCGGCATACAATTGCTTTGATCGTCCGGGTAAAAAATGTATCTCTTTTACGCTACACAT CAACGGCAAAGATCACGATTTGTTAGCGGTGGATAAAATTCATGTCGATTTAAACTGGCGATATCTGAACGAGTATCTTG AAACTGATTATTATAATAGCGAAGGTAATTATAATATTATTGATTCTGTCGATACTGAATATATCGAAAAAACATCAGC GGTGCCAAACACGCATTATTCGAAATCTATTTTTATCCTGGCGGTAATTTATTGAACGCATCAGATAAACTTTTTT GAAATGACAGAGCTGGTTAATACGCTGGCGTTTTTTGCCTGACTCAACGGATCAAATCGAGGCTCTGAAAATTCGTGAAGG TCTCACTGATCTCTTACGATCAGGAAAGTGGTTTTATTAAAAATATGGCGATTATTGAGTCTAACAATAATCAGTATCTG GCTGTGGGGATCATCAAACTGTGTGGTCTGGAAGCCGTGGAAGCGGTGTTTGGTGTTGATGAGCGCAATAAAATCGTCAG GAAATTGTGTCAGCGAATTGCCGAGAATATGCGCAATGCTGCGATATCGTGACATTCAATGCCGATCTCTATTTACTTC TGTGTCGGGAAAATGTACAGACATTTACCCGTAAAATAGCGATGGTAAACGATTTTGACAGCAGCTTTGGCTACCGCAAT GATTTCCAGTATCCGTGACCATATGTTCTCAGAGTTTATTTTCTGTGATGACGCGAAACTCAACGAAATAGAAGAGAATA TCTGGATTGCGCGTAATATTCGCCATGCAATGGAAATTGGCGAACTATTCCTCGTCTATCAACCGATCGTTGATATTAAC TACCATTGCTGAAGATATCGGGTTTATCAATGAGCTGGGTTATCAGATTATTAAAACGGCAATGGGTGAATTCAGACATT TTAGTCAGCGTGCGTCGCTGAAGGATGATTTCTTACTGCATATTAATGTTTCGCCCTGGCAGTTAAACGAACCACACTTT CATGAGCGTTTTACCACCATCATGAAAGAAAATGGCCTGAAGGCGAACAGCCTCTGTGTTGAGATCACTGAAACCGTGAT GCACCGGTTTGTCAAACCTGAAACGTTTTTATGAAATTAATCCAGACAGCATAAAGGTGGACTCGCAATTCACCGGCGAT ATTTTCGGTACTGCGGAAAAATTGTGCGCATTATTTTCGACCTGGCACGCTATAACCGGATCCCGGTGATTGCGGAAGG CGTAGAGAGCGAAGACGTTGCGCGCGAATTAATCAAATTAGGATGTTCAGGCTCAGGGGTATCTGTACCAGAAACCCA TGCCATTCTCCGCCTGGGATAAAAGTGGAAAATTAGTAAAAGAGTAGTTTACGTATGTCCAGAATCAATAAGTTCGTACT TACAGTCAGTCTGCTGATTTTTATCATGATTTCAGCAGTTGCCTGCGGGATCTACACTCAAATGGTAAAGGAACGGGTGT ATAGCCTGAAACAGTCCGTTATTGATACTGCTTTTGCGGTGGCAAATATTGCTGAATATCGGCGTAGCGTGGCAATTGAT TTATTTGTACGATGTCGGTCCTTATCTGATTTCCAGTGACGAATGTATTCAGGTAAAGGAGTTCGAGAAAAATTATTGTG  ${\tt CAGATATTATGCAGGTTGTGAAGTATCGACATGTCAAAAATACAGGGTTTATCTCTTTTGACGGTAAAACCTTCGTCTAT}$ TACCTCTATCCGGTAACTCACAATCGTAGTCTGATATTTTTTGCTTGGTCTGGAGCGTTTTTCTTTACTGTCAAAAATCGCT GGCGATGGACAGCGAGAACCTGATGTTCTCTCTATTTAAGAACGGTAAACCGGTGACCGGTGATGAATATAATGCTAAAA GATGTTTATTTGCGGGTTTGTACATTGATTATTTTCTTTGCCGCATTGGTGGCAGTGATATCGGGTGCCAGTTGCCTCTA GCAATGGCCAGAAAATCCTTTGACGAAGATTTAAAAGCGCTGCCGGAAAAAGGCGGTTATTTGTGCCTGTTTGACGTCGA TAAATTCAAAAACATTAACGACACCTTCGGTCATTTGCTGGGCGATGAAGTGTTGATGAAAGTGGTGAAAATCCTTAAAT GAAGAGTTGCTATCGATTCTAAAAGAAATCGTTCATTTCCAGGTGGGAAGCATTAATTTAAGTACCAGTATCGGTGTAGC ACATTCAAATGAATGTCCTACCGTCGAACGCTTGAAAATGCTGGCGGATGAGCGGCTGTATAAGAGTAAGAAAAACGGCA TACCCCACAAATCGTACTCATCGGCGTGCTCGACTTTCACACGCAGGATATCACCCGGCTTAACGTTGGTTTCACCATTG AGATAAACCGCGCCGTCGATTTCCGGTGCATCTGCCATGCTGCGACCAATCGCGCCTTCTTCGTCCACTTCGTCGATAAT AATAAAGGTTGAGCGTAGGGTCAGTTCCGGGCAGATTTCGCGCCCACTGTTTGATGCGCGCCAGTTGGCGATCTACAGAAC  $\tt CCGGACGCTTCATCAGTTTGAGAATGCGCGGGCTGCCGTGCTGCAACGGAATGTCCAGATACGGCAGGATTTTGCCTTCT$ GCCATCAGTGGGATGACGTCGTCCACATGCGGATAAGGGTAAACGTAGTGCAGACGTGTCCAGATCCCCAGTTTCGATAA CTGTTCGCACAGGCTGACCATGCTGGTTTTTACCGGCTCGCCGTTGTGGAAGCCAGTACGATGTTTAACATCAACGCCAT AGGCGGAAGTATCCTGCGAGATCACCAGAATCTCTTTAACGCCCGCATCTACCAGACGTTTCGCTTCACTTAACACTTCG  $\tt CCAATCGGACGCTCACCAGGTCGCCGCGCATAGACGGAATAATGCAGAAGGTGCAGCGGTGATTACAGCCTTCAGAAAT$ TTTCAGATAGGCATAATGACGCGGCGTCAGTTTCACACCTTGTTCTGGCACCAGGCTCAGGAATGGGTTGTGTTTCGGTT TTCCAGTGATTCTTGTACCGCGCTGTCAATAAAGCCGCAGGTGTTGACGATCACCATGTCCGCATCGTCATAGCTCGGTA  $\tt CCACGTCATAACCTTCAGTGCGGAGTTCGGTGAGAATACGCTCTGAATCAACAAGGTTTTTCGGACAGCCAAGGGAAACA$ AAGCCGATTTTCGGCTGGGGAGTTACTTTGCTCATAGCTTAAAAAATATTCAGTTACAGGAAAGGTCAGGGCAGGGATTC TACAGAGTTCTGGATAAAATTTGTATCGCAATCTCATTCGCTGGCGGAGGCGAAGGAAATGTAAATTTTGTTAATTCGGC GTGAAGAATTGATCCTGGACAGCATTTTGCTCAAAAAATAGCCATACTATTTAATTGCAACAAGGCTGGGAAGAGGAGGA TCGAAGTATGTTCGTTGACAGACAGCGAATCGATCTGCTGAACCGGTTGATCGACGCGCGTTGACCTCGCCGCATACG TGCAACTGAGGAAGGCAAAAGGATACATGTCCGTCAGCGAAAGCAATCATCTACGAGATAACTTTTTTAAACTGAATCGC GAACTGCACGATAAATCGCTGCGGTTGAATCTTCATCTGGATCAGGAAGAGTGGAGTGCTCTTCATCATGCTGAAGAAGC ATTAGCGACAGCCGCAGTATGTTTGATGAGTGGGCACCATGATTGCCCGACTGTTATTACCGTCAACGCCGATAAGCTTG AAAATTGTCTGATGAGCTTAACGCTGAGTATCCAGAGCCTGCAGAAGCACGCCATGCTTGAGAAGGCCTGAAAACTAAGG  $\tt GGGAGAAAGCGTCTCCCCCTTCATGTTTAAGTTTTTGTAAAAATGAATTTGTTATCTCCTCCACTGACTACGCTTTAAGC$ GGCTCCTGCAACGGTAAATGTCGAAGTACTGCAAGACAAACTCGACCATCCCTGGGCACTGCCTTTTTACCCGATAATC GTTCCGGACGTTTGGGCGCACGGGCAGGGCGCCTGCTGGACGTGGTTTTAGCGCCTGATTTTGCTCAGTCTCGCCGCAT  $\tt CTGGTTAAGTTATTCCGAAGTTGGCGATGATGGCAAAGCCGGAACTGCTGTGGGTTATGGCCGCTTAAGTGATGATCTCT$ TTCGACGGTAAAGGTTATCTTTTTATTGCTCTGGGCGAAAACAATCAGCGCCCGACGCGCAGGATCTGGATAAATTACA GGCCCGCGGGGTGGTGATGAAATTAATATCCCGCAAAAAGGCAAAAACTACGGCTGGCCGCTGGCAACCTGGGGAATCAA TGCAGATTTGGACGCGGTGTCCAGGTCAGGCCAACGTTAAACAAATTGTAGATGAACGGTGCGATAGCGATATCGCCCAC AACTGGCATCAATGGCGGCCTGATCGCGCTCTTCCGGTGGTGTTCTGACTAATCCCATCAGGATCCCGCGATGAGCATTA  $\tt CTGAGCGTCTGGTTTGCCCAGTCCATTCTTTTCCGCTTCCGCACGACGTGCCGGTGAGTCGATCCACAGGCGTTTTTG$ GCACCAGCCCGTTAGGGTTCATCGCCAGAAATCAGCATCGTGATTTATCCCAAACTCACGGCCCGCGAGAATTTGCTCA TAAGGTAGTTCCAGTTCTTCGAGCGTCAGCAATACTTTTTTTACGTTAGTTGAATTATTCCGACCCCACAGCGTAATCAT GGCAAAAAAATGACACCAGAAGCAGCGAAGCGGCAGGATATTGCATAAACTTTAAAAACTTTACCAACTTACGGTTTCTT ATTCGCGGCGGAACAACCGTTGAAGCGCCGAGCGTGGATGCGCGTGCATGGATTTAATGGATTACGCCAGCGGTAAAG
TGCTGGCAGAAGGCAATGCGGATGAGAAACTGGATCCCGCGAGCCTGACTAAAATCATGACCAGCTATGTGGTTGGGCAG  $\tt GCGTGGTTCATCGGTAATGTTCCTCAAACCGGGCGATCAGGTTTCGGTGGCAGACTTGAACAAAGGTGTGATTATCCAGT$  ${\tt CCGGTAATGACGCCTGTATTGCGCTGGCTGATTACGTTGCCGGGAGCCAGGAGTCATTTATTGGTCTGATGAATGGTTAT}$ GCCAAAAAACTGGGTCTGACCAACACTACCTTCCAGACGGTGCACGGCCTGGATGCGCCGGGGCAGTTCAGCACCGCGCG  $\tt CGATATGGCATTGCTGGGTAAAGCATTGATCCACGATGTGCCGGAAGAGTACGCCATTCATAAAGAGAAAGAGTTCACCT$ TCAACAAAATTCGTCAGCCTAACCGTAACCGTCTGCTGTGGAGCAGCAATCTGAATGTTGATGGCATGAAGACAGGAACC AACCGACCGTATCCGTTTTAATGAGTCTGAGAAATTATTGACCTGGGGTTTCCGCTTCTTTGAAACCGTGACGCCAATTA TCAGTGACCATACCGCGTGGGCAGCTGAAAAACCTGAAAGCGAGTTATACGTTAACGGAACCGCAGCTTACCGCACCGCT GAAAAAAGGTCAGGTTGTCGGGACCATTGATTTCCAGCTTAACGGTAAATCCATTGAGCAGCGTCCGCTGATCGTGATCG AAAATGTGGAAGAGGGCGGATTCTTTGGTCGGGTGTGGGATTTCGTGATGAAATTCCATCAGTGGTTCGGCAGCTGG TTCTCTTAATCTTCTGATAACCGGATGGCGCGAAACGTCATCCGGTTATACGTCATTAATACATCAACTTAATGCGCTGC GTCTGCGCGTACTTCACATACTCATCTTCCGGGCAACAATCGCTCACCACAATATCAAAGCGTTTCAGGTCACCCATGCG CGCCGGACGCACCTTGCCAAATTTACTGTGGTCGACAACCAGCACATGCTTTTGCGCCATCGACATGGCCCAGTGTTTTA  $\tt CGCGCGGCAATGGGGTTTCTCTTTCAGCGCCAGAAAGGTATTTAGCGAATAACAAACGGCGGTAAAAGGGATTTCATTAT$ CAATCGCTTCAATAATCCACGGCGTGGTGGTGCCACAGTCAAAAAAAGAGGGTCTGATCGGGTTCTACCAGCGTCGCAGCC  $\tt CGACGTGTTTCCATAATCCCTCTGAATAGTTATTGAAGCGAGCCGCTCAATACTACACTTTTTAGCAGAGATCAGTCACG$ CACCCAGCCTTTGCGGATCGGTAATGCAAAACAGACGCGATACCACGATTGCAGACGTTGATAGAGTTTATGCCCCATCG CTTGCCAGATAATCTGGGCACTAAGGCAGCCAATCATACCTGCCAGCAATCCACCGAGCATATCCAGCGGCCAGTGGACG CCAAGATAAACGCGCGACCAGGCAATGACGACGGCCAGCACCATTAAAAGTGAGCCGGACCACAGGCGATGCCAGCATAA AAATGCCAGTGCAAAGGTGAAAATCACCGTACCGTGCTTGGGAATGAGTCATCCGCCGCATGATGCAGGAAGTTAT AGCCGATATTTTCGACAAAGGGTCGGTCGTGCGGAAAAAGATGTCCCATCGTCCAGGACACAAACAGGCTGACCGCCAGC GCGATAGCGATTTTTATCACCAGTTGCCGTTGTGCTGTAAGCCCCCACAACCAAAGTACCACGGCCAGCAACGGCACCAC GGTAATCAAATCTTTAGCAATAAAAATCGCCAACGAGATCATCCACGGAGCCGAGTCTGGCGTCGCGTTAATAAGAGAGA ATAGAGAGAGTTCAAATTTTCCAGCATAACTTCCCGACGCAAAGTGATTAAAAGGGAGCCAATACAGGCAAGTCGTTGA CGGGCATAGGTTAAATAAAACTTAAAGAAAGCGTAGCTATACTCGTAATAATGTAAGAATGTGCTTAACCGTGGTTTCAG  ${\tt TCGATGACCGCGTATCTGGCGGGCGGGATGTTTTTACAATGGCTGCTGGGGCCGCTGTCGGATCGTATTGGTCGCCGTCC}$ GGTGATGCTGGCGGGAGTGGTGTGGTTTATCGTCACCTGTCTGGCAATATTGCTGGCGCAAAACATTGAACAATTCACCC TGTTGCGCTTCTTGCAGGGCATAAGCCTCTGTTTCATTGGCGCTGTGGGATACGCCGCAATTCAGGAATCCTTCGAAGAG GCGGTTTGTATCAAGATCACCGCGCTGATGGCGAACGTGGCGCTGATTGCTCCGCTACTTGGTCCGCTGGTGGGCGCGC  GAGCCATGCCTGAAACCGCCACGCGTATAGGCGAGAAACTGTCACTGAAAGAACTCGGTCGTGACTATAAGCTGGTGCTG GATTATCATCATTACCGGCGAGCAGTTGAGCAGCTATGAATATGGCTTGCTGCAAGTGCCTATTTTCGGGGCGTTAATTG ATTGGTCTATTGGTCGCTGCTGCGGCAACGGTTATCTCATCGCACGCGTATTTATGGATGACTGCCGGGTTAAGTATTTA TGCTTTCGGTATTGGTCTGGCGAATGCGGGACTGGTGCGATTAACCCTGTTTGCCAGCGATATGAGTAAAGGTACGGTTT  ${\tt AACGGACTGTTAATCTCTTCAACCTTGTCAACGGAATTTTGTGGCTGTCGCTGATGGTTATCTTTTTAAAAGATAAACA}$ GATGGGAAATTCTCACGAAGGGTAAAAAAATGCCTGACTGCTTTGTGCGATCAGGCATTCTCGAATTAATGGTGATGGTC GCCCAACAGTAGACAATTTTTCATAATCATTTCGCCTGAAATAATGCAGCGGGTTAATTTCCGCGAATTATGCAGCCTTC ATTCAGGCATTGTGTTGCCGGCCTGCCGGTTTTATTGGTCAAATGGCGCTTCGTGTTTAAGAACTTTATCGATCAC ATCCAGTACGCCTTCACGGTTATTGGAGCCTGCGCGGTATTTTGCCGCTGCGACGACGCCGCTACCGGCATTTTCCATTG  $\tt CAAAACTAAAGCCTGCCTGACGCAGCATCTCAATATCGTTACCGCCATCGCCAAAGACCACCACTTCGCTGTCGTCTATT$ GTGGACCGACACCATAATATCGCCGATGGCCTCATGTAATGCTTTTTGTACTTGTGGAATCAGTTCATCGGAAAGATTCA GGCCAAACTTAAAGAAGATATCCTCTAAGTTGTCAAAGTTATCGACGTATTCCAGACGGTGATAATACATTTCCGCCACC GTTTTCATGGCATCGTCATATTTTTTGAGTGTATAGGCACTATTTTTTCCGCAGGCAATAATTTCCACTTCCGGGCGCGCT  ${\tt CAGCAAATGTTCCACGACAGTAGCAAACGCATCCTTCGATAGCTCGCCATTAAAAACATCTTTGCCTTCGCTCACTACCC}$ AGCCGCCGTTTTCAGCCACAAAGGCAATTTCATTAGCAATTTCAGGGAAGAAGAGATCAACTGATAATATTGATTCCCG  $\tt CTGGCGACTACAAAGCGAATTCCTTGTGCTTTCATTTGCTGATACTGAGCCATAAACCGCTCACGGTTATAGGTTTTTTG$ GGTATCGGGTTTGGCGACGGCTTTCGCGACAATAGCCGCGAGAATAACCAGCGCCAGTACAACCAGCATTGCACTACGTA ATCCATAATGTTCGCCGAGATAGCCCAGCGGCGGCGGCCGACGAGAAGCCAGATAACCGGTCGTTGCTACCACACTG GAGTACAACAGACCCCAGCGACCCAGGCGCTATCGACAAAAATAATCAGCCCAATACCCAACGCCCCCATTAGTGCAC AAACCGGCATAAATCAGCGAGCCGGAAGTAGGGCTAAAACCGTGACCGTCAACCATTAATAAGGGTAACCAGTCGTTGGC AGAACCTTCGGCAAAGGCCATCGCCAGCACCACAACACCTATCAGCAGCAACTGGATATCGCGATAAAAAGGTACGCCTT TTTCGCCATGCTGGGTGCCATCGGCAGCATTTTTGCCCGTACCGTCAGGGATTGCCTGAATGGCGATATAAATAGGTGCG ATACCTACCAGCGCCCAATAAAATGTGCACCGTTGCCGGAACGCCAAAGGCCGTCAGTGCCATCCCGACACCTGCGCC TGCCAGCGTGCCCAGGCTATAAAAACCGTGCATCATCGGCAAAACCGTCTTATTCATTTCTCGCTCAACGGCAGCACCTT AGCCAGAGTGCCAGACTTAATATCATCATCCCGATCAATGCGCAGGACATCGTGACCAGGATGACATTACGTGTCCCAAA GCGTTTCACTAACCACGCCGAGCAGAATACCGCTCATCGAACCGATCGACAGACCAAAGAGAACACCGCCCATTTCAG CGATCGAGACAGAGAATATCGCGGATAGCAGGCGTACGGGTTGCCCAGGACGCCATTAACAGGCCTGGCAAAAAGAAG AACATAAACAGCGCCCAGGTTCGGCGTTTCAATGCATTACGTGAAGAATTTACGGTCATAGATCACGTCAAAATAAGAAG TCAGCAGTTTTACTGAGATCATGTCCCGGCAATATCAGGCATTTTTTTAGCGATGTTAGTGATGCTCCGGGCGCATGCCAG GCTATCACCGATATGATCTACAGCTCACAGGTTGCAACGCCGGATAACATGGAGCTGATGTACCAGCTCTACGCGCTGGC TAGCCGAAAACCGCTATTAAAAACCGTAATGCAAAACTGGATGCAGCGCAGTCAGCAAACGCTCGAACAATGGTTTGAAC GAGGAGATTTTGAGGATGGTTGAGAGGGTTGCAGGGTAGTAGATAAGTTTTAGATAACAAAAAACCCATCAACCTTGAAC  ${\tt CGAAATGGCGGGGTTGATGGGCTCCACAAAATGGGGACATCAAAGAAAAGCAGTGGCACTAATTAAGACTGATGCCCTGC}$  GGAAAAGTTCTGCGGTTGTGCAAAAAAATTTCATTTTCAGGGCAACTTCAGTTTTATCCTAATCCTGGCCATACCATGAC GATGATTGTCCCTGCCAGCGTCAGCAGGACGTTGGCGATTGCATAGGTGCCCGCATAGCCCAGCGCCGGGATGTTACTGC GAGCTGTATCACTGATGATCTCCATTGCCGGCGCGCAGGTACGTGCGCCCATCATTGCGCCGAACACCAGCGCGCGGTTC  ${\tt ACCGCCAATCGCGCCCAGGCCGTTATTAATACCGCTACCGGCGCTCAGACCCAACGCCTGCCATAAACACCATCAAGCCGA}$ ACTCTTTCACCATGCTTAATGCACCCTGCGGAATGTAACCGAAGGTCGGGTGGTTAGCACGCATAAAGCCCAGCATAATT  $\tt CCGGCGAATAACAACCCGGCAGCGTTCCCCATGCCGAAACTGAATGTGCTGAACTGGAAGGTGATCATCCCGATCATCAG$ CCCAATAACAAAGAAGGCGCAGAATGCCAGCAGGTCAGTGACCTGGCTGTGAATCGAGATAAAGCCGATGCGATCGGCGA TGGTTTTTACGCGGCGGCATCGCCGCTGACTTGTAAAACGTCACCTTTGTTAAGCACGACGTTGTCATCTATCGGCATC GTTATGGTTTTTAACGACCACTTCTTCAGTGACGATACGCATGTCGAGAAGGTCACGATCGAAAACTTCTTTACCGTTAC GGAAGCTGGGATCGAGTCGGGCATGGGCGTCGGGATAGCCTACCAACGCTATTTCATCGCCCATTTGTAGCACGGCATCA  $\tt CCGTCTGGATTTGCCAGAATCCCGTTACGTCGAATACGTTCAATGTAGCAGCCGGTTTGTCGATAAATACCCAGTTCACG$ TGGCATCAGTGTCCAGGCCACGTTCGCGGGCGATTTGCTGGGCGCTGGTCTGTAAGTCCTGATGCTGCAATTTCGGCAAG TAACGCGCACCAACAATCAAACTCACCAGACCGATTAAATAGGTTAAGGCATACCCGAGGCTCAGATTATCCAGTGCCAG TGAGAGCTGCCTGCTTTCCATGCCGGAATGACGCAGTGTATCGCCAGCACCGACCAGAACCGGTGTCGACGTCATAGAGC  ${\tt ACCATCACCAGTGCTAACATTAGGTAATTTTTCCCATCGCGAAAAAAATGGAAAAAAGTTCGGTCCGGCTTCGACCCC}$ GACGCAGAAAATAAACAGCATAAAGCCAAGATTAAGCGCATCGGTGTTAATGCTGAAATGTTGTTGGCCTAATAACAGCG ATACGACTAAAACGCCAATGGAATTACCCAGTTGGATCGAACCAAGTCGTAACTTTCCGAGACATAGCCCAAGCGCGAGG ACCACAAATAATAACAGAATGTAATTCCCATTTAACAATTCGGCGACGTTTATATTCACGGAGGCTAACTTCTTGTTTAC AAACGATAGTAAAGTAACAATATTTTACTAGTGTAATCACATTAGGTATCAACGGCTATATGAATTGCGTTGGCCTAT  ${\tt AGGAACGAGTGAAACATAAACACGTTGGGCGGGGGCAATCTGCTGTTTTGTCCTCTTCATTGTGGTGTGCCTTTTTCTG}$  $\tt GCGACGCACATGAAAGGCGCTTTTCGGGCTGCCGGGCATCCTGAAATCGGCTTGCTATTTTTCATTCTTCCTGGAGCAGT$ TTATGCGGCTGTTTTTTCACCGACGCGCTCATTCTGGCAAGAGCTGGCATGGTTACTAAGCGCGGTGTTCTGGTGTGCG GGGCTTGTCAGACGATCAGGCGTCCAGATTTTCTTTCACCCATGCAGCAAAATCGGTATAGCCGCCGATATGTTGCTGAT GCAACCCGAACGACCAAAAATAACGGTTTGCATTATTTCTCTCCTCATAGATTTATGCCTGTAATGATCACGCTAAAATG TATTCGCTGAAAGTAGGTTTAACCTGTTGCATTAATTGCTAAAAGCTATAACTGTTAAACACAATACAGTGAAAAGTTTT A GACTGAAGGCTCACTTTGCAGAGGGAAGCGTATGCGCGCGATCGGTAAATTGCCTAAAGGCGTGTTGATACTGGAATTT ${\tt AGTGCAGATTCTGATGATTTTTCTCGGTGTTTTGCTCATGCTTCCCGCTGCGGTGGTGTTATTCTTCAGGTGGCAAAAC}$ GTCTTGCCCCACAGCTGATGAACCGTCCACCGCAATATTCACGTTCAGAAAGAGAAAAAGATAATGACGCCAACCATTGA  ${\tt ACTTATTTGTGGCCATCGCTCATTCGCCATTTCACTGATGAACCCATTTCCGAAGCGCAGCGTGAGGCGATTATTAACA}$  $\tt GCGCCCGTGCGACGTCCAGTTCCAGTTTTTTGCAGTGCAGTAGCATTATTCGCATTACCGACAAAGCGTTACGTGAAGAA$  $\tt CTGGTGACGCTGACCGGGGGCAAAAACACTAGCGCAAGCGGCGGAGTTCTGGGTGTTCTGTGCCGACTTTAACCGCCACTTTAACCGCACTTTAACTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTAACTAACTTAACTAAA$ TTTACAGATCTGTCCGGATGCTCAGCTCGGCCTGGCGGAACAACTGTTGCTCGGTGTCGTTGATACGGCAATGATGGCGC AGAATGCATTAATCGCAGCGGAATCGCTGGGATTGGGCGGGGTATATATCGGCGGCCTGCGCAATAATATTGAAGCGGTG  ${\tt ACGAAACTGCTTAAATTACCGCAGCATGTTCTGCCGCTGTTTGGGCTTGCCTTGGCCTGCGGATAATCCGGATCT}$ TAAGCCGCGTTTACCGGCCTCCATTTTGGTGCATGAAAACAGCTATCAACCGCTGGATAAAGGCGCACTGGCGCAGTATG  ${\tt
ACGAGCAACTGGCGGAATATTACCTCACCCGTGGCAGCAATAATCGCCGGGGATACCTGGAGCGATCATATCCGCCGAACA}$ ATCATTAAAGAAAGCCGCCCATTTATTCTGGATTATTTGCACAAACAGGGTTGGGCGACGCGCTAAAACCGCCACGTCGA TGTATGATACGCGGGCTTTTGACCAGGTCTGACAGAGAGGTGCAGGGTGAAAATTGCCATATTGTCCCGGGATGGAACGC TCTATTCGTGTAAGCGGCTGCGTGAAGCCGCTATACAGCGCGGTCACCTGGTTGAAATTCTTGATCCGCTTTCTTGCTAC ATGAACATAAATCCTGCGGCGTCTTCTATTCACTACAAAGGCCGCAAGTTACCCCATTTTGACGCAGTGATCCCGCGTAT TGGCACCGCCATTACCTTTTATGGGACGGCGCACTGCGCCAGTTCGAGATGCTGGGGAGCTATCCGCTCAATGAGTCGG CGCATATTCTGGTGCAGGAATATATCAAAGAGGCGCAAGGGTGCGATATCCGCTGTCTGGTTGTTGGCGATGAAGTGGTC GCTGCGATTGAACGGCGGCGAAAGAGGGCGATTTTCGTTCCAATTTGCATCGTGGCGGCGCGCCAAGCGTCGCCAGTAT GCGGGTAAAATGATCCGCTGGATCGAACGCCACGCTACGACAGAATATTGCCTGAAAACGGGTGGTTAGTCGCAATCACA TTACTGATCATGGTTTTGCCTGCGCTTTTTGCGTAAGCTGTGCCGGTCTTTTTATCGAAAGAGGTTGTACAAAATTATGA  $\tt CATCGCTGGTCTGGTCTGGATACGCTGCGTCAATGGCTCGATGACCTGGGGATGAGTTTTTTTGAATGTGATAAC$ TGTCAGGCTCTGCATCTGCCCCATATGCAGAATTTCGACGGTGTCTTTGATGCCAAAATCGATCTGATCGATAACACGAT  $\tt CCTGTTTTCTGCCATGGCGGAAGTCCGACCTTCAGCCGTATTGCCGCTGGCGGCGGATTTATCTGCCATCAATGCCAGTT$ TGCCCATCAACTGCTGTTACCGACTGATGATGAAGGGCAAAACAACGTTACCGAAAACTATTTCCTCCACTGATAACTCC TCACTTCTCTTGTGTCGATTTGGCTTTATCACATAGAGCAAATATGCATAAAAAATTTGTTAAATACCGTTTTTTAATCCG AGCTATAGTCTCAAACCCTGGCTAAAGTTATTCTTGCGATGCTTTTATATAGCGAGCAGTGCTGGCCGGGAGAAAGTTCT CTTTTCTTACACCGCGCCGATAAAAAATATGCACGTTTATTGCATATCTTTCAGTGTGACAACTTTTGTTCGTTTGTTAA GTCTCTGTCGGCACGCTCGCGGCTGAACAAAAAACCCTCCACATTTATAACTGGTCTGATTATATCGCCCCGGACACGGT GGCCAATTTTGAAAAAGAACCGGTATTAAAGTCGTCTACGATGTTTTCGACTCTAACGAAGTACTGGAAGGCAAATTAA TGGCCGGGAGTACCGGCTTTGATCTGGTGGTTCCATCTGCCAGCTTTCTGGAGCGCCAGTTGACTGCGGGAGTTTTCCAG CAATAAATTTGCTATGCCCTATATGTGGGCGACGACCGGGATTGGCTATAACGTTGATAAAGTTAAAGCGGTGCTGGGCG AAAACGCGCCCGTCGATAGCTGGGACTTGATCCTCAAACCTGAAAATCTGGAAAAACTGAAAAGCTGCGGTGTCTCTTTC CTGGATGCGCCAGAAGAGTTTTTGCTACCGTGTTGAATTATCTCGGCAAAGATCCCAACAGCACTAAAGCGGATGATTA  $\tt CACCGGACCGGCAACAGATCTGCTGTTAAAGCTGCGCCCGAACATTCGTTATTTCCATTCATCTCAATACATTAACGACC$ AATGGCGTGAATGTCTCGTTCTCGATTCCAAAAGAAGGGGCGATGGCGTTCTTTGATGTATTCGCCATGCCTGCGGATGC CAAAAACAAAGACGAAGCCTATCAGTTCCTGAATTACCTGCTGCGCCCGGATGTAGTAGCGCATATTTCCGACCATGTGT TCTATGCCAACGCCAATAAAGCAGCCACGCCGCTGGTGAGTGCGGAAGTCCGTGAGAACCCAGGTATTTATCCGCCTGCG GATGTTCGTGCGAAGCTGTTCACTCTGAAAGTGCAGGATCCGAAAATCGACCGTGTGCGCACCCGCGCGTGGACCAAAGT GAAGAGCGGAAAATAATCCGCAGTCGTAGATGCCGGAGGGGCGCACCACACCCCGCCGCCATTCGCACCATTATGGTGCG CTTGCACACATTCAATGCCGGAGAGCAGCCGTGAATGACGCTATCCCTCGCCCGCAGGCGAAAACCCCGTAAGGCGCTGAC GCCGCTATTAGAAATCCGCAACCTGACCAAATCCTACGATGGTCAACATGCGGTGGATGATGTCAGCCTGACCATCTACA  ${\tt AAGGTGAAATCTTCGCGCTGCTGGGCCCATCCGGCTGTGGCAAGTCCACGCTGCTGCGTATGCTGGCAGGTTTCGAACAA}$  $\tt CCTTCTGCCGGACAGATAATGCTTGATGGCGTCGATTTGTCACAGGTTCCGCCTTACCTGCGCCCCATCAATATGATGTT$ TCAGTCTTACGCGCTGTTTCCGCATATGACCGTGGAACAGAACATCGCTTTTGGCCTGAAACAGGACAACTACCGAAAG  ${\tt CGGAAATTGCCAGCCGGGTCAATGAGATGCTCGGCCTGGTGCATATGCAGGAGTTCGCCAAACGCAAACCGCATCAGCTT}$ TCCGGTGGTCAGCGACACGTGTGGCCCTGGCCCGAAGCCTTGCGAAGCGCCCGAAACTATTACTGCTCGATGAGCCGAT GGGCGCGCTGGATAAAAAGCTGCGTGACAGGATGCAGCTTGAAGTGGTGGATATTCTGGAGCGCGTCGGTGTGACTTGTG TGATGGTCACCCACGATCAGGAAGAGGCGATGACCATGGCGGGGGCGCATCGCCATTATGAATCGTGGGAAATTTGTCCAG ATTGGCGAACCGGAAGAGATCTACGAGCATCCGACTACCCGCTATAGCGCCGAATTTATTGGCTCGGTAAACGTCTTTGA  ${\tt AATGGTTGTAACTTCGCGGTGGGGGAGGTGATACACATTGCCTATCTCGGCGATCTTTCGGTGTATCACGTTCGTCTGAACTGGTGTATCACGTTCTGAACTGGTGTATCACGTTCTGAACTGGTGTATCACGTTCTGAACTGTATCACGTTCTGAACTGAACTGTATCACGTTCTGAACTGAACTGTATCACGTTCTGAAC$ AAGTGGGCAGATGATTAGCGCCCAGCTACAAAACGCCCATCGTCATCGTAAAGGGTTACCGACCTGGGGCGACGAAGTGC GTTTGTGCTGGGAAGTGGACAGCTGTGTGGTGCTGACGGTTTAAGGAGCAAAGATGAGTACACTTGAACCTGCTGCCCAG TCGAAACCGCCGGGCGGATTTAAGCTGTGGTTGTCGCAGCTGCAAATGAAGCATGGGCGCAAACTGGTCATTGCGTTGCC TTCCACCTTATACCGAACTGATGGAGTGGGCTGACGGCCAACTGTCCATCACTCTTAATCTCGGTAATTTTCTGCAACTG  ${\tt ACCGACGATCCGCTCTATTTCGATGCTTATCTCCAGTCGCTACAGGTGGCTGCGATTTCGACATTTTGCTGTTTACTGAT}$  $\tt CGGCTATCCGCTGGCGTGGCGTGGCGCACAGTAAGCCTTCGACCCGTAATATTTTATTACTACTGGTGATCCTGCCGT$ TGGCTGGGGGTTATCGATCAACCGCTGACCATTCTGCATACCAATCTGGCCGTTTATATCGGCATTGTTTACGCTTACGT GCCGTTTATGGTACTGCCGATTTATACCGCGTTGATTCGTATTGATTATTCGCTGGTGGAAGCAGCGCTGGATCTCGGTG  $\tt CACGACCGCTGAAAACGTTCTTTACTGTGATCGTGCCGCTGACTAAAGGTGGGATTATTGCCGGATCGATGCTGGTTTT$ AGAGTTTTTCAATAACCGCGACTGGCCGGTGGCCTCGGCGGTAGCGATCATCATGTTGCTGCTGCTAATTGTGCCGATAA TTGTGATTTTGCTGCTGGGCTTTACCTTTCTCTACGCGCCAATGCTGATGCTGGTTATCTATTCGTTTAACAGCTCGAAG  $\tt CTGGTGACGGTGTGGCCGGCTGGTCAACGCGCTGGTATGGTGAGTTATTGCGCGATGACGCGATGATGAGTGCGGTTGG$ TTGGCAGGTTTCGCCGATCAAATGGCTTTGCCTTTATGATCACCGCGCCCGCTGGTAATGCCAGATGTCATCACCGGGCTTG GCATGTCACTTTTTGTACGGCTTATGTGGCGGTCGTTATTTCTTCAAGATTGCGGGAACTGGATCGCTCGATAGAAGAAG  $\tt CAGCGATGGATCTCGGTGCGACGCCGCTGAAAGTGTTTTTCGTCATTACGCTACCGATGATCATGCCCGCGATCATTTCT$ GGCTGGTTACTGGCTTTTACTTTGTCGCTTGATGATCTGGTGATCGCCAGCTTTGTTTCCGGGCCGGGAGCCACCACGTT TCGGAATTGTCGGATTTATCGCCTGGTATCTGATGGCTCGCGCAGAAAAACAGCGGATACGCGACATCCAGCGTGCAAGA ACGTTGGGATTTTTTAAGAAAACATCTTCATCTCATGCTCGCCTGAATGTGCCTGCGCTGGTGCAGGTGGCGGCGCTCGC  $\tt GCAGCGTACAAACCTGGAGTTTAACGCTGGTCTTTTTAAGCAGTCTGGTGCTGGTTTTCATTGAGATCTGGTGTGCGTTT$ TTCGCTGGGGTACGGTTATCCGGAGCTGTTCAGCATTCCCGGTGAATCAAAACGTGAAATCTTCCATAGCCTGATGCTGC AGAAGCTGCCGGATATGCTCATCCTGATGCTGCTGTTCCTTCGTCCACCAGTCGCCGGTTCTTCCAGTTGCAATAATGT GTATAATCGTCGCCCCTGATGATGTGAAGGTCAATGTATGCAGTGCGCACTTTACGACGCGGGTCGCTGTCGTTCCTGTC AGTGGATAATGCAGCCGATTCCAGAGCAACTCTCCGCTAAAACCGCCGATCTTAAAAATCTGCTCGCCGACTTTCCGGTT GAGGAATGGTGCGCCGGTGTCAGGCCCGGAACAAGGGTTTCGTAATAAAGCCAAAATGGTGGTGAGTGGTAGCGTTGA  $\tt CTGAAATACATTCTGCTGACTGAAAGCCAGAGTGATGGAGGCATGATGCTGCGCTTTGTACTGCGTTCTGATACCAAGCT$ GGCGCAACTGCGTAAGGCGCTGCCGTGGTTACACGAACAACTACCGCAGCTGAAAGTTATTACCGTCAATATTCAGCCGG TACATATGGCGATTATGGAAGGGGAGACGGAGATCTACCTGACCGAACAACAGGCACTGGCGGAGCGTTTTAATGACGTA GGTACGACAGCTGCCGGTTAAACATATGTGGGATCTGTTCTGCGGTGTGGGGGGGCTTTGGTTTACACTGCGCGACGCCTG  ${\tt GCCGCGCGCGCGCATTGGTAAACCGCTGTGTGATTATCTCTCAACGATGGCACCGCGTTTTATCATCTACTCCAGCTGTA}$   $\tt CATACCGCGCACTATGAAGTGCTGACGCTGCTGGTGAAGCAATAAAAAAGCCGCATGTGCGGCTTCAGATTGCTGACAAA$ GTGCGCGTTGTTTATGCCGGATGCGGCGTAAACGCCTTATCCGGCCTACAAAAGCGTGCAAATTCAATACATTGCATGGG  $\tt CCATGTAGGCCTGATAAGCGTAGCGCATCAGGCAATTTTACCTTTGTCATCAGTCTCAAGCCGCGGTTGCGGCTTTCTGAGCCATCAGTCTCAAGCCGCGGTTGCGGCTTTCTGAGCGCATCAGGCAGTTGTCAGAGCCGCGGTTGCGGCTTTCTGAGCCATCAGGCAATTTTACCTTTTGTCATCAGTCTCAAGCCGCGGTTGCGGCTTTCTGAGCCAGTCTCAGGCCAGGCTTGCGGCTTTCTGAGCCAGTCTCAGGCCAGTTGTCAGGCAATTTTACCTTTTGTCATCAGTCTCAAGCCGCGGTTGCGGGCTTTCTGAGCCAGTCTCAGGCCAGGTTGCGGGCTTTCTGAGCCAGTCTCAGGCCAGTTGTCAGGCCAGTTGTCAGGCCAGTTGTCAGGCCAGTTGTCAGGCCAGGCTTGCGGGCTTTCTGAGCCAGGCTTTCTGAGCAGGCCAGGTTGCAGGCCAGGCTTTCTGAGCCAGGCCAGGCTTGCAGGCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCAG$ ATCTTACTGTGGGAACCACTGGTCACTGATTTTTTGATAAGTACCGTCAGCTTTAATTGCTGCCAGCGCGTTATTCAGTT
GTAGCAACACCAAGTTGTGGATTGGTTTTCAGCCATTCGTTTACCACCGCTGTGTCACCAAATACCCCATCAATACGACC ATTTTTCAGATCGATAAAGGCATTCTGATAACTGTCATAAGAGACAGTTTTCACTTCCGGGTGCTGATCCTGAATATATT GATTACGGCGTCATATTTTCTGAATTTCAGGGACGGGATCAGGCTGTCGAACGCGTGATTAGTAAAAGTACATTCTGCCT GCATTTGTTTGCACAAGGCTTTTGCCAGATCGATATCAAAGCCGACAATCTCATTATTAGCACCTATAGATTCAAAGGGT GGATAGGTGGCTGAAACGCCAAAATTGATTTTCTCTGCGGCAGAAGCACCGAAAGTAAAGGAAGCAAGTAAAGCGGCAAG AACTAACTTTTTCATGATGGAACTCCCGTCTGTCAATCTTATGATTTTTTGGCCGTGTCTGCGGCATGGGATAACAATGCC GTCTTCATTATAAGAATTTATGCACTATGTAGGCCGGATAAGGCGTCCCCGCCGCATCCGGCACAGGCACCGTGCTGATG TCTGATGCGACGCTGGCGCGTCTTATCAGACCTACAAAACCCCCCGGCGAATGTACGCAGCCACATTAATTTCGCCGTTC GAATGCCAGCGCTTTGCGCTCGATCAGACGCATCATCAGCGTCAGCAGGCCGTTAACGACCAGGTAAATAATCCCTGCCG CACCGAACACCATTACATCGTAGGTGCGTCCGTACAACAACTGGCTGTATCCCATCACTTCCATCAGCGTAATGGTGTAT GCCAGAGAGGTACTTTTGAATACCAGCACCACTTCGTTGGAATAAGAAGAGAGGGGGGTTTAAAGGCATACGGCAGCAG CGTAAAACAGCTGCGTGGTATACGCCGCACTATTCAGCGACAACGCAATCAGCGCACATAACCACGGTTCTGACAACAAA TGCCACAGTGCCGGATACTCCTGCAAAGTCGGAAACTGGCCCGGCCCGTAATAAATCAGGAAGATCTGCACCAGCAGCGG  ${\tt CGTACCGGTAAACAGCGTGATATAACCCCGCACCAGCCACCAGCACCGGCGTTTTCAGCGTCAGGATGATGGTAAAAA}$  ${\tt AGGGTGATCACCAGGTAAATCGCCGCCGCCACAATGTACCAGGTAAATGGTTCCTGGGTACGAGTAGCGATGCTTTTTGT}$ TTGCAGCATTAAATCATTCACACTAATCAAACTGACCAGCGCGGTATCTTTCAGCAGCACCAGCCACTGGTTACCGAGGC GACTCCCACTGACCCACCGGCACCGCTTTCAACGCGCCCCGAAGCGTTTGCGAGGCATAGGCGGCATACAGCAGTGACAG AGCGATGACACCACAAAGGAACGGGCTAACGTCGAAGTTCTCAATGTCCATCTGCACTGGGATCTGCACGAACCCAAGAT TGATAGTGAAGCCATCCGAAAGCGTCAGCAGCAGCTGCGAGGAGCCAAAATAGATAAACAGCACCACCAGAATTTCTGGC AGGCCACGCAGAATGGTTACCAGCGCTGAACCTGCCCACGCGACAGGACGCCATTTTGCCGACTCCCATACCGCAAAGAA  $\tt CATCGCCAGCCCGACAATCAATGCACAAACGGCAAGGCCGACGGTCATCCCGGCGGCGCTTGCTAAAGGAAAAA$ GCAGTGTTGAGTTTCTGCTGCAGCTCAGTGTTGCCCTGACGTACCGCGATGCCGAGGCCAGTGCCGAAGTAATCTTTATC GGTCACTTTGTCGCCCACCGCCGCCAGTTTCGGGTTATCTTTCAGCCACTCAGTGACCACTGCGGTGTCACCGAAGACGC  ${\tt TCCATAATGAATTTCTGGTGTGTCCCGTTCTGTACGCCGACTTTTTTTGCCTTTCAGCTGATCAACACTGGTGTATTT}$ GCCTTGCTGACCCACAAACAGGGCAGAGTTGTCATAGTACGGGGTGGTAAACAGCACCTGCTTTTCACGCTCCGGAGTGA TATCCATGCCCGCCATCACGGCTTCTACGCGACGGAATTTCAGGCTTGGGATCAGGCTGTCAAACGCCTGGTTAGAGAAA GTGCAGGTTGCATCAATCTCTTTACACAGCGCTTGTGCCAGGTCGACGTCAAAACCAACGATCTGGTTGTTTGCATCAAT  $\tt CGATTCAAACGGAGGATAGGAGGCTTCGGTAGCAAAACGAATGGTTTCGGCAGCTGTGGCGGAAAGACTAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAAACCTGCAAGGATTCAAGAACCTAAAAACCTGCAAGGATTCAAGAACCTAAAAACCTGCAAGGATTCAAGAACTGAAAACCTGCAAGATTCAAGAACTGAAAACCTGCAAGATTCAAGAACTGAAAACCTGCAAGATTCAAGAATTCAAGAACCTAAAAACCTGCAAGATTCAAGAACTAAAAACCTGCAAGATTCAAGAATTCAATTCAATTCAAGAATTCAAGAATTCAAGAATTCAAGAATTCAAGAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATT$  $\tt CGCGCCACTTCAACTTCGTGGGTGACGATCACCTGGGTAATATTCGTTTCTGCCAGCTCACGAATGATGCTGACGATTTG$ TGCCGTAATTTCCGGGTCCAGTGCGGCGGTCGGTTCATCGAACAGCAGTACCTGCGGTTCCATCATCAACGCACGGGCAA AGTTTTTCTGCACGGGCCAGCGCCTGATCTTTACTCAACCCCAGTACACGGCAGGGCGCTTCAATCAGGTTTTGCTGCAC GGTCAGATGCGGCCACAGGTTGTATTGCTGAAACACCATGCCAACGTTACGACGCAAATCGCGAATCGCTTTGTCAGAGG GTGTTTTGGTGAAATCGAAATGGTTGCCTGCAATGTTGAGCGTACCGGAGCGCGCATCTCAAGCAGATTGAGTACACGC AGCAGCGAGCTTTTACCCGCGCCGCTGGGGCCAAGTAACACCAGCGTTTCGCCCTGTGGGCAATCCAGCGTGATATCGAA AGCTATTGAGGTCGAAGATAGTACCTTTGACAGAATAATTATGCAATATTTCTGCTTTAAAAGTTAAAAGCAAAGCGCAT TATTCAATAAACATAGCACAAAATAACGGGGGCGGTGGTCGGCGAGCATAAATGTCGGCATTCCTCACGAAATGCCGGAC AATTTACGGGGTTTATTGGTTGATCAAGGCGTTAGCGATTCTCGATGGACTGACGGAGCGTACCCGCCGTGGCATGAACG CTACCGCCTAAGTAACGCACATCGTCGATGACCCAACACTGGCCTTCCTGAATCATTAACACTTCATCCTGCCAACCCTG GTCACCCTGTTTGAGATCCACGCGCAATGGAATGTTACGGGCATCACGATTAGGGATAGTCGATGCACTGGCAACGTGGG  ${\tt CGCTATCTGGCAAGGTTGGTTCGACTGGAGAATGGATCGTTGGTCAGTAGTTCCCGGATGGTTATTATCCCGGGAGGCATCG}$ ATAAAATTGCTGGGCCACGTTATCCGGGCCTCCTTCAACGCAAGGACCACTGCGTGTGCCGTTATCTTTATAAGCTGGAG TGACTGTGGTGCAGGCACTGAGGAGCAGTGCGCAGGGGATAAGCATTGTCAATTTGCTGTAGCGCATAATGATTTCCTTA TAAGCGATCGCTCTGAAAGCGTTCTACGATAATAATGATATCCTTTCAATAATAGCGTATCAGTCTGATAATGCTTTTGA GATCGAAGGCTTAGCAAACAAGGAGATCGATCATGCAATTTTCTACAACCCCAACTCTGGAAGGCCAGACCATCGTTGAA TATTGCGGTGTGGCGGCGAAGCGATTTTAGGTGCCAATATTTTCCGTGATTTCTTTGCCGGTATCCGCGATATCGT TGGCGGACGTTCCGGTGCGTATGAAAAAGAACTGCGTAAAGCACGGGAGATCGCCTTTGAGGAATTAGGCTCCCAGGCGC GGGCGCTGGGGGCCGATGCCGTCGTCGGTATTGATATCGACTACGAAACGGTCGGGCAAAACGGCAGTATGCTGATGGTT TGTGCAGGCGAAAAAGGCATTGTCGAGAAAGAGGGATATCAGCTTGATACCCGACGCCAGGCGCAGGCGCGTATCCGCG CGCATTATCTGGTCCCTGCGGTACCACCGCGATACAACGGTAAACCGCGCATCTGGCAACTGGTGCCGGAACAAGAACTG TGGCTGGCAAAAATCGGCCGGAGTGAAATATTTTGCCCCGTTTGAACCGGCACAGATTCAGGCGCTTATTCCACTGGCGA AAGATATTATTGCCCGTTATCACATCAAGCCGGAAAACGTAGTGGCACATGCGGATATCGCACCGCAGCGCAAAGACGAT GAAGCGGATGCAGAAACTCAGGCGATTGCCGAAGCATTGCTGGAGAAATACGGGCAGGATTAGCGCGGCAGTTTTCCGTG GTCGCGTAGCCAGGCGGCAGTTTTCTCGATACCTTCATCCAGGGTGATGACCGGCTGATAACCTAACTCTTCCTGCGCAC GCGTAATATCCAGCGTAAAGTCAAAATTCAACTTGGAGACGCCGTAGTGGGTCAGCGGCGGCTCTTTTGCTGACTTGCGG  $\tt CCTAAACGCTCCATGCTGCGGCGATCATATCCAGCATCGGGTAGGGGACGGAACGAATACGACAGTCAATATTCAACTC$ GTCGATCAGCTTCTGCACGATGCTGCGCAGTGTGCGATGCTCGCCGTTGGTGATGTTGTACACACGCCCGGAAGGTAGCT TATCGCAGGCTTCCTGGCTTGCCAGCCACATTGCGTGCACGGCATTTTCATAGTAGGTCATATCGACCAGCGCACTGCCG AACGTTAGCCAGATCGAAAGCCTGTTGTGTCCCCCAGGGTGAGGTAAAGCTGGAGCAGTGCCACAGCGTATCAATGCCCG  $\tt CGAGCATCACTTTAGCTTGTGATGAAACCAGCTCGGTCAGATCCGCCGGAACAAACTCTGCGCCCATTTTTTCCAGCAAT$ TTGCCCATTGCCTCGTTGCGACCGGTCGCTCGCACGCTGATGCCTTTCTGGCATAAAAACTCTACCGCGTTTCGACCTAA GCCGCTGGTGGCGCCGGTAACCAGTACCTTCATATCAATCCACTGTTGTTGAGAAAATAACGTGCGCATTCTTCCGTGAT TTCCCCCATGATGCAATGGGAAACATGAAAGAATAACGCAGGTTTTGTCGATTAATCTGTGCTTTGTTCTGCCAGTCTGG CGATTTGTTTTGCCATTCCGCGAAAAATAAACAGATGCGCGGGGATCATCAATAACCAGTAAAAACAGCCCCGGCATACCG TGCGGATGCCAGAAAGCGCGGACATCGATAGTACGATAGTCGCCTTTATCTTCCAGGCTAAAACACAGTCGTCCCAGCCC  ${\tt CGGCGCTTTCATGCCAAATAACAACGTAAGTTGTTTTTCCGGTTCAACGACAATCACTTTCCAGCTATCCACCGCATCGC}$ CACAAAATATTGCCAAAGAAATAACGCTCTTTACCGCCGATTTGGTTCACTACCTGCCATAAAGCAGCAAGGCTGGCGGA CGTTTTAACGGTAAACCCCGCCTGTTTGGCAAAATAACCGTACTCCGGTCGCCAGCGGCAAAGGCCTGAGCGTCGTAGC  $\tt CCCAGTCGCTGGAGTTGACCAGTTTTTCCTCCTCTTTCAACGTGCTACCGTGCCGTCATCGAAAGCGATCAGCCGTTGT$ GGGATGAGTGCACGTAGCGCGGTATCATCCGCCAGCAGATCGTGTTTCAGCCCCTGAATCAACGCCCTGGCGGTGGTGGG TACCGCTCACCGCCATAAAATGTTCAAACTGTTGCTGATAACTGAGCACCTCTGGTCCGGCGCGTTCGAAGATGCGGTGT  $\tt CCAGCGGGAGGCGTTAAGACTGGCAGGTTGTAGACCATATCGCGCATGACTTCGAACGCCGCGGAACCTGCGCCAACGA$ TAATTCCGGCCCGCAGTTCGGTCACGGGTACATTCGCTTCACGCAGAATGTCCGCCGTAGCCTGACGAGCACGCAGATGA GACGTTGAGAGCCACCTGGCGCTCCTGAGCGATAAAATCGCCGCCTTCGCCCATGCTGTGCACCAGAAAATAGACCGTAT  ${\tt GCGGCGACTTCCGCCAGTTGTTCGCGCGAGACGTCAAGATGCGTCACCAGGCGGACAATCGGCGAGGCGTTAATCAGCAC}$ GTTTCTCGCTTTCATGTATTCGCCTAACGCGGCAGCATTTTCTTCCCCGACGCGAACAACAGCATATTGGTGTCCTGAC GCATCACATCCGCGCCTGCTTCACGCAGCTGCTCCGCCATCCAGGCAGCGTTGTCGTGGTCTTCCTGCAAGCGCGCAACG TTATTTTCAGGGCATATATCCCGGCGGCAGCCAGAATGCCGGACTGGCGCATCCCGCCACCTGTCATTTTCCGCCAGCG AATGGCACGTTTAATGTAATCACGATTACCGACGAGTAATGAACCGACTGGCGTCCCAAGACCTTTCGACAGGCAAATGG TGAACGAATCACAATATTGCGTGATCTCTTTCAGTTCGCAGCCGTAAGCCACCACGGCATTAAAGATGCGCGCACCGTCA ACATGCAGCGCCAGATTGCGCTCGCGGGTAAATTCCCATGCTTCTTTCAGGTATTCCCGCGGCAACACTTTGCCGTTGTG GGTGTTTTCCAGACTGAGTAATTTGGTGCGGGCGAAATGGATATCGTCGGGTTTGATTTTCATCGCCACTTTATCCAGCG GTAGCGTGCCGTCGGCAGCCGCGTCTATGGGTTGCGGTTGAATACTGCCCAGCACCGCCGCGCCACCGGCTTCAAACAGA GCCGGTAGGCAGAAAAATGGCGGCTTCTTTACCGGAAAGCTCTGCTGCGTAGTCCTGCAGAGCATTAACGGTAGGGTCGT GATCACTTCATCACCGCGTCGCTGATGATTGCGCGCAGCATATACAGGCTGAAACCTTTGGCCTGTTCGAGTTTGATCT GCGGTGGAATGGCTAACTCTTCTTTGGCGACCACCACACCCCACCACCCGGACCGTCGATGGAGAAGGCGCGTTGCAGG GCTTCATCAACTTCAGACGCTTTTTCTACACGGATACCCGTAATGCCGCACGCTTCGGCAATGCGGGCAAAGTTTGTGTC GTGTAGTTCGGTGCCGTCAGTCAAATAGCCACCAGCTTTCATCTCCATCGCCACAAAGCCCAGCACGCTGTTGTTAAAGA  $\tt ATGGCGACCACCTGACGTTCTGGCTCTGTCGCCTGCGCACCCAGCGCCTGCGGCATGGCGTTAGCCATCGAACCGTGGTT$ AAACGAACCTAACAGGCGACGCTTGCCGTTCATTTTTAGATAACGTGCCGCCCACACCGTTGGCGTACCAACGTCACAGG GCTAAATCGTCCAGCCCTTTGCGGGCGTCGCGGTAATCTTCCAGCGCTTTATCCAGAAACTTGCGATCGGCTTTTTCTTC CACCAATGGAAGCAATGCACGCAGAGTCGACTTGATATCGCCGACCAGTGCCATATCCACCTTGCTGAGCGCCGATGC TATGCGCCCCCGCGCAGCCGCTGCCACACATCAGGGCGATATTGCTGGAATAACGCAGCAGTTGCGCCAGTTTGCGTAAC  $\tt
CACGTCGCCTGGTAACACGACAACGCCAACGCCACGGTTAAGCACCGCTTTGCGCATGGCAATCGCCAGTACTTGTGGGAACGCCACTTTGTGGGAACGCCACTTTGTGGGAACGCCACTTTGTGGGAACGCCACTTTGTGGGAACGCCACTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACGCCACTTTTGTGGGAACTTGTGGCAACTTGTGGGAACTTGTGGGAACTTGTGGGAACTTGTGGGAACTTGTGGGAACTTGTGGGAACTTGTGGGAACTTGTGGGAACTTGTGGGAACTTGTGGGAACTTGTGGGAACTTGTGGAACTTGTGGAACTTGTGGAACTTGTGGAACTTGTGGAACTTGTGGAACTTGTGGAACTTGTGGAACTTGTGGAACTTGTGGAACTTGTGGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTGAACTTGTAACTTGTAACTTGTAACTTGTGAACTTGTAACTTGTAACTTGTAACTTGTAACTTGTAACTTGTAACTTGTAACTTGTAACTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTTAACTAACTTAACTAAA$  ${\tt CCGCTGCCAATTTCGCTGGAGGGAATATGAGCGGCAATCGCCAGTACCGGAACGTGATTGCGGTGGCAATCGAACAGGCC}$ GTTGATTAAGTGCAGGTTGCCGGGGCCGCACGATCCGGCGCAGACCGCCAGTTCTCCGCTAAGTTGTGCTTCAGCGCCAG  ${\tt CGGCAAAGGCCGCCACTTCTTCGTGGCGGGTGGACATCCACTCGATGGTGCCCATGCGATTAAGACTGTCACTAAGACCG}$ TTCAGAGAGTCGCCTGTGACTCCCCAGATGCGTTTCACCCCTGCCGATTCGAGTGTTTTTGGCGATATAAGCTGCAACCGT  AGAAAGGAGGCACTAACGGTTAAATAGCCCGATGAAAGGAATATCATCGGGCATAAGGCGATTATGCGAGAACCAAATCC  $\tt CCCTGCGGATGGCAGGCCAGTACGTAACCTTCAGCGATTTCGGCGTCAGCGTCATTGTGCTGCTCACCGT$  $\tt CTGGTCGCCGCTTCTGCTACTGGGGTGAAGAATTTCTCTTTAAAGAAACGCGTCACGCCGAGCGCTTTCACTTCCTGCTC$ TACCCAATCCATATACGGAGCCGGGCCGCAGGTCATCACGGTACGTGAAGCTAAGTCAGGTACACCTGCCAGCAGTTCGC GAGTGAGACGACCAGCGATAAAGCCTTCGGTAACGTTATTTTCTGCCACCAGCGTTACCGGATAGTTACGCCACTCATCG GCGAAAATAACATCCTGCGGCGTACGCACGTTGTAGATCACCCGCACATCGGCCTGTGGACGGTTCTTCGCAAGCCAGCG ATTCCCCCATCGCGTCCGAAAGCCAGAGATAATCACCGCGTTTTACATCGCGCGTCAGCCACTGGGAGCCGACACCGTCA TCAATCCGCCGCACGGTCAGGGTGATATATTCACTCACGCCTGGCGTGGAGGAAATGGTGTAAGCACGCAGCGTTTCCGC TGAGTTTCGCACGCTGACCAGTGCATATTGCCCGGCCGCATATGGGTAGTAATCGTGGCAAATCAGGGAAATCGTCCACA AGCAGGTCTGGTGTCAGGAAACCAGGTGCAGTCGGGCCGGTGACGATATTTTTCACGCCCAGAGAAAGCAGCGTCAGCAG AATGACGATCGCTTTCTGTTCAAACCAGGAGAGCACCAGCGACAGCGACAGCTTGACACCGCAGCCCAGTTTCTCTG GAAATCGGTGAAGTAGTGGCGCTCGCCGCGTGCGCCGTCACAGCCACCAAGCAGGAAGATATGACGCAGTTTTTCACGGC TCACCAGATCAATCAGCGTATCAGCAGCGCCAAGCAGCGTCTGGCGACCAAAACCCACGGTGATAAGGTGCGGAATTTCG  ${\tt CGATGGGGCCAGGGGAAACGAGCGAACTCCACTTGCTGATTCTGCCAGCCGCTGCCGTAGTTACCGACCAGATGCTTGAAT}$ TTACGCAGCTCCGGGTAGCCATGCGCAGGCAGCATTTCGCCGTGGGTGTAGACATTAACGCCCGTGCCTTCGGTCTGTTC TTGGCGTCGGGTGACCGTATTTACCGGTTTCGCCTGCATCCAGAATGCTCATCACCTTTGAAGTTCATCTGGCCGATTTCC ATTGAACACTCAAGAAGCGCGTTCATATCGGCAGGCCAGGTCCCCAGCCACGCCATGATTTTATGGTACTGGGCATAAAT ATCGTTGTCGTATTGACCGAGAACATGCGCGTGTTCCATATAGGCCGCCGCACCTTTCAGGCCATACAGGCACAGCAGAC GCAGGCCGAGAATGTTTTCGCCAATCGCCGCTTTATCTTTGTTAGGGGTAAATTCTGCTGCCTGACGTTGCAGCTCGCCG AGAAAAAGGCACGTGGCGCAAGCTGTCAACATCGTGGTTGATGATGCCGTATTCACGCGCTTTTACCGCCCAGGCAGAA AGCCCTTGCAGCGCCGCGATGAGTAAATCCTGAAGGTCAGAAGTTTCCGCCGTTTTACCACACACCTCCCTGCGCGTATGA GCAGCCGTTTCCTGCCGGAGTACGGATAGTTTGTTCACATTGCACACAAAACATGATCACACCTTTTAAAGTTATATTTA GCAATTTTGGCGGCAGGGATCTACCGCCAGAGAGAGGTATTACGCAGAGAAAAAGGCGATGAGGATCGGCACTAACAGGCTA AGAATAAAACCGTGAACAATTGCCGCCGGGACCATATCCAGCCCGCCAGTACGTTGAAGAACGGGCAGGGTGAAATCCAT TGATGTGGCACCGCATAAGCCCAGTGCAGTAGAGCGGCTGCGGCGAATCAGCCCAGGGATCAACATAATAGCAATCAGTT CACGGGCCAGATCATTAAAAAACGCCGCGCTCCCGATTACCGGACCAAAAGATTCGGTCAATAAAATACCGGAAAGAGAA TAATGAACTGACAACCACCACCACGGCGACAATCATTCCCCGGCGATTAAGGACAATCTGCTTTAAGGTCATGCCATTAT TGCGCAACTGAATACCAACGAGGAAAAGTAGCAAAATTAACGTGTATTCACTGGCTTCGGTCGCGTGTTGTAAGAAAGCC AGTCCACTTAGACCAATGGCAAAACCAATCACTACTACGCCGCACAGTTTTAGCGACTCCAGCGCCATCGCAATACGCGA CGGGAGTTTTTCTTGCTGATGGTGGTTGCGCCACGGCAGGCCTCCAGCCACATCAGGGCGGCAATATTACACAGTA AAATAACGGTAATACTGACGGCAGAATAATGCAGAATCGCCAACAGGTTACTGGCGAGGTTATCGAGAAACGCCAGACTG ATACCCATAAAAAAGGGAATAAGGTAAACCATCCAGCTTAATAGCTGATTAATAACTTTTAACGCAGCTTGTTGGCGAAG GAAGTCGAAATGCGCGATGACACTACTGAAAGCGGAAGGACGACTAAAGTTGCAATTAAAAGGAAATGTTATGCATAA GGAGCAGTAGAGTATTCGTTTTCATTTAAAGATATTCTTGCGCTTTAATTACAAACTGCACCGATGTTGGTGGCGTCAAA GGGGCGGCGGCGATTGGCCGCCCCTGCGCGCTCCTTGCGCCAGTGGCAATATGTTGCTTAGCTCATGAAAGGAGCGCAA CTTTTCCAGCAGGGTCCGGTAAATCAGACCACCGATAATGCCGCCGACAATTGGCACCACCCAGAAGAACCACAGTTGTT CTAATGCCCAGCCGCCTGGAAGATAGCAACCGCGGTGCTGCGCGCGGGTTAACAGAAGTGTTAGTCACCGGAATACTA ATTAAGTGAATCAGGGTTAAGGCCAGACCAATAGCGATCGGCGCAAAACCTGCCGGCGCAATTTGTCGGTTGCGCCGTG GATCACCAACAGGAAACCTGCACTCAATACCAGTTCAACTACCAGCGCGGGAAAGCATGGAATAACCGCCTGGTGAATGCT CGCCATAACCGTTAGAAGCAAAACCGCTGGCTGCCGCGTCAAAACCCGTTTTACCACTGGCAATTAAATACAGCAGCGCC GCTGCAACAATACCGCCGACAACCTGGGCAATTACGTAGCCAACGACTTCTTTTGCCGGAAAACGTCCGCCAGCCCATAA ACCAATAGTGACCGCCGGGTTAAAATGACCACCAGAAATATGACCAACAGCAAAGGCCATCGTCAGAACGGTCAGACCGA ACGCCAACGCCACGCCGGCAAAACCAATGCCTAATTCCGGGAAGCCTGCGGCCAGTACAGCACTACCACAGCCACCAAAA ACAAGCCAGAAAGTACCAAAACATTCAGCTGCTAATTTTCTGAACATATCCACCACAATTAAAAATTGACCCTGTGAAAA ATATGGTCGTTTTATAGGGTCGTCGTAAAAAAGTGACGACGGAAATAATGCGCGGGCTATTTTAAAAACGAAGGCGAGTCA TTCACCAGATAAATCAGTAAATTTGATTTAGGGCAACAGCGGGTTGCCCCATATAGTCATTTGTCTGATTGACAG TGTAGTGCACGCAAAAGATTTAATCCTTTAGGCGTAATAAAAAATAATTTATCATGCTAATTATTTGATTTTGTTGTTTTT TGCAGACTTATCAGCAAGAGGGAGTATAACGCGATTATTCGCTCATTTTTCAGACATTTGCCATGCTTAAATGTGATGTC ATCACGTATTAGCAAGGCCTTTCCCGTTATACTGCCAGCGTAAAGGATAAGTCACATATTTCTGGAGGGGATATGATTCT TGAGCGCGTTGAAATTGTGGGTTTTCGCGGTATCAACCGTTTGTCGTTGATGCTGGAACAAAACAACGTCCTGATTGGGG AGAACGCGTGGGGTAAATCCAGCTTGCTGGACGCCTTAACTCTGCTGCTATCGCCAGAATCAGATCTCTACCATTTTGAG GCTGCCAGGCCGACATCGGGTTCGCCGTTATCGGCCGCTGGAAGCGTGCTGGACGCCATGCACCGATGGCTATCACCGTA TTTTTTATCGTCTGGAAGGGGAGAGTGCGGAAGACGGCAGCGTGATGACACTGCGCAGTTTTCTCGATAAAGACGGACAT  ${\tt CCGATTGATGTCGAGGATATTAACGATCAGGCACGCCATCTGGTGCGTTTAATGCCGGTGCTGCGCTTGCGTGATGCCCG}$ TTTTATGCGCCGTATTCGTAACGGCACGGTGCCAAATGTCCCTAATGTGGAAGTCACCGCGCGCCAGCTCGATTTCCTCG  $\tt CCCGTGAGTTATCCTCACATCCGCAAAATCTCTCTGATGGGCAGATTCGTCAGGGACTTTCCGCAATGGTACAGCTGCTT$ GAGCATTATTTCTCTGAGCAGGGGGCCGGACAGGCCGATATCGTTTAATGCGGCGGCGAGCCAGCAATGAGCAACGAAG TTTGCACGCTGCTGGTTGCTGGTGGAAGGGGAAACCGGAAACCTGGGTTATCAATGAACTGGCGCGTCAGTGCGGACATCA TTTTGATGCCGAAGGGATCAAGGTCATTGAGTTTGCCCAGTCCGGGCTAAAGCCACTGGTTAAATTTGCCCGCCGAATGG GGATTGAATGCCATGTACTGGTCGATGGCGATGAAGCAGGGAAGAAATATGCCGCTACGGTACGCAGCCTGTTGAATAAC GATCGGGAAGCCGAACGAGAACATTTAACGGCGTTACCGGCGCTGGATATGGAACATTTTATGTATCGCCAGGGATTTTC  ${\tt CGATGTGTTCCACCGCATGGCGCAAATCCCGGAAAATGTACCGATGAATCTACGCAAAATTATCTCGAAAGCGATCCATC}$ GCTCTTCCAAACCCGATCTTGCCATTGAAGTGGCAATGGAGGCAGGACGTCGTGGTGTGGACTCCGTACCGACGCTGCTG AAAAAATGTTCTCACGCGTGCTGTGGCTGCGCGCGCGCGGATTAACCGCGAAACATCGTGGCCATTTGTGGCTG TCTGTGCTGGAAGGCGGTAATGGCGTTCAGCATCACATACGCCGCCAACCGATTCCCAGAAAGCGTTGTAATCAGCGTGG ATCTTGCCTTCTTTATCGCGATAACGCAGGCTGCGGTAAATATGCGTTTCATTGCTGACGGCAATAATCTGCTCTACCTG  $\tt CAAACGTTGGGCAAACAGACAGGCCGCTTCCATCACGAGGCGTTTGGGAAATAGCCCGTGGCAGGCTTTCGTCGCATTCT$ GGATTTCCTGATGTGGAATTTCCCATTTTGCGCCTTGCAGTCCGCCAATAAACATCGTTCTTTTCCCCTGATATTCACAC AGGGTAAACGTGATCTCTGCCAGAGGAATACCTTCGCTGTTGCGGAACAGGATTGTGCTGTCACCTTCTTTATCCATTGAGATCATCATGGTCAGCTCAAGCGTGAACTGCTCGCCGTTTTTGCCTTCCAGCTTCGCCAGTTGCAGCCCGGGGGTATTCA AATATAAGCTGAATTCTTCCGCCGACATACATTCGCGGAGTAACGCATAATGGTAACGTAACGCCTCCAGCAATTGCTTA AACTACGGCGATGCCAGAATTTACCCGGCCGACACTGTCCACGTGCCAGACTAAGAAAAGTGACAGGCTGCTGAGAGAT TCAGATGGCGTAAAGGTCCGTTCAGTTAGCTGCGACATATTCATGAAATCAATGGTTATACATGGCGTCGATTTCACCAT TGCGTATCTTAACCAAACATCAATAGTGTGATTACTAACGTAAATTTTAGGGTTTTGTTGATATTTCGTTGAAGTTAATG ACCCGGATTGGCATATGGAGTATTCAGAAAATTTATGAAAAAGCGGAAAACCGTGAAGAAGCGTTACGTTATTGCGCTGG TGATAGTCATCGCCGGACTGATTACGTTATGGAGAATTCTTAACGCACCCGTGCCGACTTATCAGACGCTGATTGTGCGC  ${\tt
CCCGGTGATTTACAGCAAAGCGTGCTGGCGAAAGCTGGACGCGCTGCGTAAGGTTGATGTGGGCGCGCAGGTGAGGTGAGG$  $\tt CGGTCAGTTGAAAACTCTGTCGGTGGCGATTGGCGATAAAGTAAAAAAAGACCAGCTTTTAGGGGTTATTGATCCTGAAC$ AGGCTGAAAACCAGATTAAGGAGGTCGAAGCAACGCTGATGGAGCTACGTGCGCAGCGGCAGCAGCGGAAGCGGAGCTG CGCGACGGAGATGGCTGTGAAACAGGCGCAAATTGGCACCATTGACGCGCAAATCAAGCGCAATCAGGCTTCTCTCGATA CGGCTAAAACCAATCTCGATTACACTCGCATCGTTGCCCCGATGGCCGGGGAAGTCACGCAAATCACCACTCTGCAAGGC TTCTGAAGCGGATGTAATCCACCTGAAGCCGGGGCAAAAAGCCTGGTTTACGGTGCTTGGCGATCCACTGACGCGCTACG  ${\tt AGGGGCAAATCAAGGATGTACTACCGACGCCGGAAAAGGTTAACGACGCTATTTTCTATTACGCCCGTTTTGAAGTCCCC}$ AACCCCAATGGTTTGCTGCGGCTGGATATGACTGCGCAAGTGCATATTCAGCTCACCGATGTGAAAAATGTGCTGACGAT GTGAAGTGACGATTGGCGCACGTAACGATACCGATGTTGAGATTGTCAAAGGGCTTGAAGCGGCGATGAAGTGGTGATT GGTGAGGCCAAACCAGGAGCTGCACAATGACGCCTTTGCTCGAATTAAAGGATATTCGTCGCAGCTATCCTGCCGGTGAT GAGCAGGTTGAGGTGCTGAAGGGCATCAGCCTCGATATTTATGCGGGTGAGATGGTCGCGATTGTTGGCGGCTTCGGGTTC CGGTAAATCGACCCTGATGAATATTCTCGGCTGTCTGGATAAGGCCACCAGCGGCACCTATCGCGTCGCCGGTCAGGATG  ${\tt TTGCCACGCTGGACGCCGATGCGCTGGCGCAACTGCGCCGCGAGCATTTCGGCTTTATTTTCCAGCGTTACCATTTGCTT}$ TCGCATTTAACCGCCGAGCAGAACGTTGAAGTACCCGCCGTCTATGCTGGTCTTGAGCGGAAACAGCGACTGCTTCGTGC  $\mathsf{TCTGGCGAAGAGGTGATGGCGATCCTGCATCAGCTGCGCGATCGTGGGCATACGGTGATTATCGTCACCCACGATCCGCATCCGCATCGCGATCCGCATCGGGCATACGGTGATTATCGTCACCCACGATCCGCATCCGCATCGCGATCCGCATCGGGCATACGGTGATTATCGTCACCCACGATCCGCATCGCGATCGGCGATCGGGCATACGGTGATTATCGTCACCCACGATCCGCATCGCGATCGGGCATACGGTGATTATCGTCACCCACGATCCGCATCGCGCATCGGGCATACGGTGATTATCGTCACCCACGATCCGCATCGCATCGCGCATCGGGCATACGGTGATTATCGTCACCCACGATCCGCATCGCGCATCGGGCATACGGTGATTATCGTCACCCACGATCCGCATCGCATCAGCAATCAGAATCAGCAATCAGCAATCAGAATCAGCAATCAGAATAATCAGAATCAGAATCAGAATCAGAATCAGAATCAGAATCAGAAATCAGAATAATCAGAATAAATCAGAAATCAGAATAAATCAGAAATCAGAAATCAGAAATCAGAAATCAAATCAGAAATCAGAAATCAAATCAGAAATCAGAAATCAAAATCAAATCAAATCAAATCAAATCAAATCAAATCAAATCAAATCAAATCAAATCAAA$ GGTCGCTGCTCAGGCCGAGCGGGTGATCGAAATTCGCGACGGCGAAATTGTGCGCAATCCTCCCGCCATTGAAAAAGTGA  ${\tt ACGATGGCATGGCGGCCTGGCAGCGAATAAAATGCGTACTTTACTGACCATGCTGGGGATTATTATCGGTATTGCGTCGTATTGCGTCTCGGTATTGCGTCTCGGTATTGCGTCTCGGTATTGCGTCGTATTGCGTCTCGGTATTGCGTCGGTATTGCGTCTCGGTATTGCGTCTCGGTATTGCGTCTCGGTATTGCGTCTCGGTATTGCGTCTCGGTATTGCGGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGGTATTGCTGGTATTGCGTATTGCGTATTGCGTATTGCTGATATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATTGCGGTATGGTATGGTATGGTATGGTATGGTATGGTATGGTATGGTATGGTATGGTATGGTATGGGTATGGTATGGTATGGTATGGTATGGTATGGTATGTATGGGTATGGTATGGTATG$ GGTGGTTTCCATTGTCGTGGTGGGTGACGCCCCAAACAATGGTGCTGGCGGATATTCGTTCTATTGGTACGAATACTA TTGATGTCTATCCCGGGAAAGATTTTGGCGATGACGATCCGCAATATCAGCAGGCGCTGAAGTACGACGACTTAATCGCC ATCCAAAAACACCGTGGGTCGCCTCAGCCACACCTGCCGTCTCGCAAAACCTGCGCCTGCGTTATAACAATGTTGATGT TGCTGCCAGTGCCAATGGCGTGAGCGGCGATTATTTTAATGTCTATGGCATGACCTTCAGTGAAGGAAACACCTTTAATC AGGAGCAGCTGAACGGTCGTGCGCAGGTCGTGGTTCTCGACAGTAATACTCGCCGCCAGCTTTTCCCCCATAAAGCAGAT GTGGTTGGCGAGGTGATTCTGGTCGGCAATATGCCCGCCAGAGTCATTGGTGTGGCGGAAGAAAAACAGTCGATGTTTGG TAGCAGTAAAGTGCTGCGTGTCTGGCTACCTTACAGCACGATGTCCGGGCGAGTTATGGGCCAGTCGTGGCTTAACTCCA TTACTGTCAGGGTGAAAGAAGGATTTGACAGCGCCGAGGCGGAACAGCAACTCACGCGTTTACTTTCACTGCGCCACGGA  ${\tt AAGAAGGATTTCTTTACCTGGAACATGGACGCGTCTTGAAAACTGTTGAAAAGACCACACGTACTTTACAACTGTTTCT}$ GACGCTGGTGGCGGTGATTTCGCTGGTGGTGGCGGTATTGGTGTAATGAATATTATGCTGGTGTCAGTGACCGAGCGGA GTTTGCCTGGTCGGTGGCGCTTGGGAATAACACTGTCACTGTTAATTGCTTTCACCTTGCAGCTTTTCTTACCCGGCTG GGGCTGGCATTTTGCCTTTAGGATGTACACAATGAGACAGAAGAGCTATGCGACTGCCGCTTCTACTTCGACGGGCACAA TCCATCTGAATGGTGGAATAATGAGCGAAAATATCTTCGCCGCCGCCTTCAGGGCAGATGAAACCAAACCCTTTGGCATT GTTGAACCACTTAACAGTACCCTTTTCCATGCTTCGACATCCTTCGCAAATCTTATACAAGTAAGATGGAATAAACCGGG GTCAGAGAGGGGGCTGTTCAAAACCTCGCCAACTCTAGAAATACAATTTAGAGAATTAGGGCGAGCCGTCAAGCATTTGA AAAGTTCGCGACGCCTAAAACCGCCATCTATGTATAAAGTGATATTAGTCAATGATTACACTCCGATGGAGTTTGT TATTGACGTGTTACAAAAATTCTTTTCTTATGATGTAGAACGTGCAACGCAATTGATGCTCGCTGTTCACTACCAGGGGA AGGCCATTTGCGGAGTCTTTACCGCCGAGGTTGCAGAAACCAAAGTGGCGATGGTGAACAAGTACGCGAGGGAGAATGAG GGAACTCAGTTTAAATATGGCTTTCGCCAGAGCGCGCGAGCACCGTCATGAGTTTATGACCGTCGAGCACTTGTTACTGG TGTACTGCAACGTGCGGTCTTCCATGTCCAGTCCTCCGGTCGCAATGAGGTTACCGGTGCAAACGTTCTGGTCGCTATCT TTAGCGAACAGGAGTCGCAGGCGGCATATCTGTTGCGTAAACATGAAGTCAGCCGTCTCGATGTGGTGAACTTTATCTCT GGAACGTATGGAGAATTTCACGACGAACCTGAATCAGCTTGCGCGCGTGGGCGGAATCGACCCACTGATTGGTCGTGAGA AGGAGCTGGAGCGTGCTATTCAGGTTCTCTGCCGTCGCCGTAAAAACCACCCGCTGCTGGTGGGGGAATCTGGTGTCGGTAAAACCGCGATTGCGGAAGGTCTTGCCTGGCGAATTGTTCAGGGCGATGTGCCGGAAGTGATGGCTGACTGTACGATTTA CTCTCTCGATATCGGTTCTCTGTTAGCGGGCACAAAATATCGCGGCGACTTTGAAAAACGTTTTAAAGCGTTGCTCAAGC AGCTGGAGCAGGACACTAACAGCATCCTGTTTATTGATGAGATCCACACCATTATCGGTGCGGGTGCAGCGTCTGGTGGT AAACTGTTCAAATCATCAATGGCCTGAAACCGAAGTATGAAGCGCACCACGACGTGCGTTATACCGCAAAAGCGGTGCGT GCGGCGGTAGAGCTGGCGGTGAAATACATTAACGATCGTCATCTGCCGGATAAAGCCATTGATGTTATCGACGAAGCGGG CGCTCGCGCACGCCTGATGCCGGTAAGCAAACGCAAGAAAACCGTTAATGTGGCGGATATTGAGTCCGTGGTGGCCCGTA TTGCACGCATTCCAGAGAGAGGTGTTTCTCAGAGTGATCGTGATACCCTGAAAAACCTCGGCGATCGCTTGAAAATGCTG GTCTTCGGTCAGGATAAAGCCATTGAGGCGCTGACTGAAGCCATTAAGATGGCGCGTGCAGGTTTAGGTCACGAACATAA GCATTGAGCTTCTGCGCTTTGATATGTCCGAGTATATGGAACGCCATACCGTCAGCCGTCTTATTGGTGCGCCTCCGGGA TACGTTGGTTTTGATCAGGGCGGTTTGCTGACTGATGCGGTCATCAAGCATCCACATGCGGTGCTGCTGCTGGACGAAAT
CGAGAAAGCGCACCCGGACGTGTTCAATATTCTGTTGCAGGTGATGGATAACGGTACGCTGACCGATAACAACGGACGCA AAGCAGACTTCCGTAACGTGGTGCTGGTGATGACCACCAACGCCGGGGTACGGGAAACTGAGCGCAAATCCATTGGTCTTATCCACCAGGATAACAGCACCGATGCGATGGAAGAGATCAAGAAGATCTTTACACCGGAATTCCGTAACCGTCTCGACAA GGCGCTCGTCCGATGGCGCGTGTCATCCAGGACAACCTGAAAAAACCGCTCGCCAACGAACTGCTGTTTGGTTCGCTGGT GGACGGCGGTCACCGTCGCGCTCGATAAAGAGAAAATGAGCTGACTTACGGATTCCAGAGTGCACAAAAGCACA  ${\tt AGGCGGAAGCAGCGCATTAATCTGATTGTTAGGTAGGTTGGTCAAGTCCGTAATCTCGAAAGAGGTTACGGACTTTTTGT}$ TTATGGGGTGGAGGAGGTTCAGACCCTTTTTTTAATGATGATGGTAAGTTGTTGATAATTAGTGCTGCGGGAAGGTAAGG ATAAAAAAGGGTGCTGCAGGAGAATGGGATGGTTTTGCTTTATTAACAACGGGCTAAACGTGTAGTATTTGAGTTCACTG CGAAAAAAAAGCTCGCACTTTCGTACGAGCTCTTCTTTAAATATGGCGGTGAGGGGGGGATTCGAACCCCCGATACGTTG  $\tt CCGTATACACACTTTCCAGGCGTGCTCCTTCAGCCACTCGGACACCTCACCAAATTGTTTTGCTACCAAACCTCATGGGT$ GGCAACGGGGCGCTACTATAGGGAGTTGGAGTAAAACGGTCAAGAAGAATTTTAATGATAATTATTGTTTGCTCATACTG AAAAAGGCCGGTTAAACCGACCTTTTACTCGTTCTTTCTCTTCGCCCATCAGGCGGTAAAACAATCAGCGACTACGGAAG A CAATGCGGCCTTTGCTCAGGTCGTACGGGGTCAGTTCAACAGTCACTTTGTCGCCCGTCAGGATGCGGATGTAGTTTTTGCGCATTTTACCGGAGATGTGTGCAGTAACCACGTGACCGTTTTCTAACTCTACGCGGAACATGGTATTAGGCAACGTTT  GCAAGATAATGCCGAAGTTCTGTAAATAAGTAAAGATTTGCGCGCTAAATCGCAACAACAGGTTCGGCACATTACTCCG AAAACACACGGCTAAGCCGCACCAAAAGCGCAACGTATAAGGGAGCGGTGAGATAAACGATGGGCGTTACCTGACGCGAA AAATTCCTTATCGGCAGCGGGTAATGAGCGTAACCAACTCTGCGACCGCAATTATAACACTCTGGGGAAAATGTGCCG AAAACATTCATTCTTGTGGTGAAAACAAGCATCGTGGTACCCAGAAATTATTCGGCAATCGTCCGAGGCGCATTTGATTG AGATAATTAAGGTAATCCCGGCGGGGAATTTCGCAGGCACCAAGCGATGCTGTGTGATCGTTAAGGACCTGGCAGTCGAT AAGCTTACCGCCATGACCGATAAATTCCTCACAGAATACCAGAAGCGCCGTTTTAGACGCATTTTCCATCCGGCTGAACA TGGACTCGCCACAAAATAGCGTTCCCTGGGCCACGCCGTACATACCGCCGACAAGCTCATCTTCACGCCAGACTTCAATG GAGTGGGCATGGCCGAGTTCGTGAAGGCGATGGTAGGCTTCGACCACGCCACGCGTGATCCAGGTTCCTTCTTCGCGATC GCTGGCACAGCCTTCAATGACCTGACCAAAAGCGTAATTCATCGTGACACGATAGGGCGAGCGTTTATGAAATCGCTTCA TACTACGGCTGATATGCAGTGATTCTGGCCATAGCACCGCGGGGGGTCGGGGGGCGACCACCAGAGGATGGGGTCGCCTGGA GAAAACCACGGAAAAATACCACGCTGGTAAGCCATTAACAGGCGCGCAGGGCTAAGATCGCCCCCAAGTGCCAGCAGGCC GTTAGGCTCACGTAATGCGCCTTCCGGGGAAGGGAAGGCTATTGAATGGCGAGAAAGCTGAACCAGGCGCATGACCGCAA AACTCCACGCAAGTCGGATCGTTCAATAATAGCTTACAAACCCTGCTTGAACTGGTAATAACGCCCCTGTCTGGCAAGCA GTTCTGCGTGAGTACCTTGCTCAATAATTTGCCCGTTGTCCATCACTATTATTTGTTGGAAACGAGAGAGTCCGCGAAGT TAAGCCTTCGGTAGGTTCATCCAGCAACACCAGTGGCGCATCATGTAACAGCGCACGGGCGATAGCCAGACGGCGCAGTT  $\tt CGACGCAAGATCTCCGACAGAGCCTCATCACTACTGCCAGGCGAGGCGAGTAAAAGATTATCACGCAGCGTGGCGCTAAA$ AGAATCGCTATATGTTCCCCGGCGTTTACCTGAAGAGAAATCCCTTTAAGTGCCTGTTGAGATTGCTCCGGATAAGTGAA  $\tt CTGAACATCCCGTAACGTCAGCGAAACGCGATCGGCAACACGAGTTTGGGTATCAGGAAAGGTGACCTCCGGTTTTTGAT$  ${\tt CCGTTAAGTCAGAGATACGTACGGCAGAGGCAATGACTTGCCCCAGATGCTGAAATGCACCCGTTACTGGTGCCAGTGCT}$ TCAAACGCGGCTAACGCGCAGAAGACAAACAGGGCAATTAACGCGCCGGGTTGAGCATTGCCGCCAACGCCGCCAGACGC CATCCACAGCATCAGGATCACCGCTAACGCGCCAATGAGCAGCATTATCGCTTGCGACAATGCGGTCAGTTCAGATTGAC  ${\tt TCAGCTTGCCCTTGCAGCCAGGCCGTCAGTTGTTGGCGATACTGTCCGCGAAGATGAGTCAGATTTTGCCCGGTGCTTTT}$ TCCCGCACGATAAAACAGCGGTGGCATCAGGAAAAGCGTCAGTAACATAATGCCGCCCAGCGTAAAGGCGAGGGTGAAAT  ${\tt CAAGGAAACTTAACCCGATTGTCACCACCATAATCACCACAAAAGCGCCCACCAGCGGGGAGATAACGCGCGGGGTAAAGA}$ TGATCGAGCGTATCAACATCCGCCACCACGCGATTGAGCAATTCGCCCTGACGATAGCGCGCCAGTCCGGCAGGGGAGAG GGGCAGCAATTTGCTGAAGGTGTAAATGCGCAGATGCTGCAACACGCGGAAAGTCGCGTCGTGACTTACCAGACGTTCAA AATAGCGCCCGGCAGTACGGGTGATTGCTGCGCCACGCCCGCAGCGGGTAGCATATAGTTGAAGCTGTACAGTCCG GCAACCCCGGCAACCGCTGAGGCCGAGAGGAACCAGCCGGAAAGTGTCAACAGACCGATACTGGCGAGCAGCGTCACAAT TGCCAGCACAATACCAAGACTTAACATCCATTTATGACGTTTATACAGTGCCAGATAGGGTAGCAAAGCGCGCATTTAAA TCTCCTCCTGACGATGGGCCAGTAATGTGGCGAATGGGCCACCACCACCTTAATTCCGCGTAACGTCCTTGCTCAATA  $\tt GCGCAGAGAGGCGCCATTCAGCGCCTCCATTACGCGCTGTTCACTGTGAGCATCAAGGCTGGCAGCGGGTTCATCCAACA$ GTAATAGCGAACAGGGATTTAGTAACGCACGGGCCACCGCCACGCGCTGCCCCCACGGAAAGGCCGGCAGCCTGC TTCTTGTTCGCTGGCATCAGGTCGCCCCAGTAGTACGTTATCCCGCAATGTTGCTGCCGGTAATTGTGGGTTTTTGCCCAA  $\tt CCCAGGAGAGATGTTTACGCCATGATTCTGGTGATAAATCGCGTAATTCTATCCCGTTGATTCGTAGCGATCCCTGATAT$ TGGCAAAGTAAAGTTCAGCGGTCCGGCCAGCGTTTTACCTTCCGGCGACGTGATAAACAGCTCCTCGGCCTCAATGGTCA GCTGCGCCAACAGCCTGGGCTTTAGCATGATAAAACGTACCGAGATCGCGTAATGGCTGGAAAAACTCTGGCGCAAGGAT  $\tt CAGGGCCAGAAAACCCGCAGCCAGCGTCACACCGGTATCGTAGTGACCAAAATCCAGCTCGCCGAGATAGGAAAAACCAA$ AGTAGACCGCCACCAGAGCAATTGACAGCGAGGTAAAAAATTCGAGAATGCCGGAGGATAAAAAACGCCAGCCGTAGCACT TCCATTGTCCGTTGGCGGAAATCTTCCGAAGCAGAACGAATACTTTCAATTTCAGCTTCACCACGACCAAAAATACGCAA TGTTTCCATGCCGCGCGGCGATCGAGGAAATGCCCACTTAAGCGAGCAAGAGCGAGAAAGTTACGTCGGTTAGCATCGG GAGGGGAAGATTGCCACCACAATCAGCAACGGCACCGACACTGCCAGCGCCATTTGCGGCAGATAGCGTGCATAGTAATC  ${\tt ATGCATATCGTCAATTTGCTCGAGTACCAGCGTCGCCCAGCTCCCCGCAGGTTTACCCTGAATCCACGCTGGCCCTGCTT}$  $\tt CAGACCACCCATGCGCGCAGTACAAAGGTCAGAACCAGTAACGTAAAGGGAAGCAGCAGGGCTTCACGGGGAATATTCTC$ CATAATCATATGTTGCAGAATTCGCGCCATGAACCAGGCCTGGGCAATGATCAATATGCCGCTCACAAAGCCCAGCAGAC GAGAAATATTCAGCCAACGTTGGGAGATGACGCTTTGCTGTTTTAACCAGCGGGTTAACTCTTTTTGACGAGATTTATTC ATTGCACGCTTAGCAGGTGAGTTATCAGAATTATTTGCAGAGCAATGTTACAACGGGGAAAAAATAAAGGCGACCCATAG TCGCATGGTGTCGCCTTCTTTACTTTTGTTACTGATTTGTAAAATTATTTTTGCGTCAGCTAAACCATCGAGGTAGCGTTC CGCATCAAGTGCTGCCATGCAGCCTGTACCGGCCGAAGTAATGGCCTGGCGATAAATGTGATCCATCACGTCGCCTGCGG  ${\tt CAAAGACGCCAGGAATGCTGGTCTGGGTGGCATTACCATGAATACCCGACTGTACTTTGATGTAGCCGTTTTCCAGTTCAGTTCAGTTCAG$ AGCTGCCCTTCGAAAATCGCAGTATTCGGGCTGTGACCGATAGCAACAACAGACCGGCAACGTCGAGTGACTCGATGTT ATCGCTGTTTTGCGTATCGCGCAGACGCCAGTGACACCCATTTGATCGCCGGTCACTTCTTCCAGCGTACGGTTGG TGTGCAGAATGATGTTGCCGTTCTCCACTTTATCCATCAGGCGCTTAATGAGGATTTTTTCCGCGCGGAAACCGTCACGG  ${\tt CGGTGAATCAGATGCACTTCCGAAGCGATGTTAGACAGATACAGCGCCTCTTCAACCGCGGTATTGCCGCCGCCGATGAC}$ CGCAACTTTCTGGTTGCGATAGAAGAAACCGTCGCAGGTTGCACAAGCAGAAACCCCACGGCCTTTAAAGGCTTCTTCAG  ${\tt AGGGCAGGCCGAGATAGCGTGCAGAAGCTCCGGTGGCAATAATCAGCGCGTCGCAAGTGTATTCGCCGTTATCGCCATTC}$ AGACGGAACGGACGGTTTTGCAGATCCACCTTGTTGATATGATCAAAAATGATCTCAGTTTCAAACTTGGTGGCATGTTC GCCGGGCCTGAACCCAGGATAAGCAGTTTACTGTGTTTTGGTCGTGCCCATGAGATCCCCATAGTTGTTGGCAGACAATGG GCAGGATTGTAGGGAATTTACAGACGTAAAAAAAGAGTATGACGATTTTGTTAACAATTTGTGCAATCGGCAGCATCGAT AAGCAGGTCAAATTCTCCCGTCATTATCACCTCTGCTACTTAAATTTCCCGCTTTATAAGCCGATTAAATGATGAATAAA CGCCCCTGTTAATGAATATCTGGCATGTTGTACTAAAAATCGATGTTTTGCTTTGACAATCCCCTGGTGTTTTTGCGAAAA TCTACGTATGGCGTGGACAGACGCCATTCGTGATGTCGATAGCTGCCACAAGGCAACGGTCTTCTCACCGTAGACCCAGG AGGAGTAGGGAAGGAATACAGAGAGACAATAATAATGGTAGATAGCAAGAAGCGCCCTGGCAAAGATCTCGACCGTATCG ATCGTAACATTCTTAATGAGTTGCAAAAGGATGGGCGTATTTCTAACGTCGAGCTTTCTAAACGTGTGGGACTTTCCCCA  $\mathsf{TCTGGATGCATCACTTCTGGTATTCGTTGAGATTACTCTGAATCGTGGCGCACCGGATGTGTTTGAACAATTCAATACCG$ CTGTACAAAAACTTGAAGAAATTCAGGAGTGTCATTTAGTATCCGGTGATTTCGACTACCTGTTGAAAACACGCGTGCCG TATGGAAGAGTCAAGCAGAGTAATCGTCTGGTTATTAAGACGCGCTAACACGGAACAGGTGCAAAATCGGCGTATTTTG ATTACACTCCTGTTAATCCATACAGCAACAGTACTGGGGTAACCTGGTACTGTTGTCCGTTTTAGCATCGGGCAGGAAAA GCCTGTAACCTGGAGAGCCTTTCTTGAGCCAGGAATACATTGAAGACAAAGAAGTCACATTGACAAAGTTAAGTAGCGGC TTCGGACCCCAGCTGGTCGCAAACGGCCTGGCATGAACCTATCCATAATTTAGGTGGGATGCCCGGTGCGTGGTTGGCAG ATACGCTGTTCTTTATTTTTGGCGTGATGGCTTACACCATTCCCGTCATTATTGTCGGCGGTTGTTGGTTTGCCTGGCGT GGTTGGTCATGGGTGACCATTGCTGAAAAACTCGGCGGCTGGATTTTAAACATTCTCACCTTCGCCAGTAATCGTACCCG TCGCGATGATACCTGGGTCGATGAAGATGAGTATGAAGACGACGACGAGGAGTATGAAGATGAAAATCACGGCAAACAGCATG AATCACGCCGTGCCCGTATTCTTCGCGGCGCGCGTAGCGCGTCGTAAACGGTTGGCGGAAAAATTCATTAATCCGATGGGG TGCCGACCCGGACGACGTCCTATTTTCGGGCAATCGTGCAACGCAGCCAGAATATGACGAATACGATCCATTATTAAACG GTGCGCCAATTACCGAACCTGTCGCTGTAGCAGCTGCTGCTACCACGGCGACACAAAGCTGGGCTGCGCCGGTTGAACCT GTGACTCAGACGCCGCCTGTTGCCTCTGTTGATGTTCCACCTGCGCAACCTACAGTAGCCTGGCAGCCTGTACCGGGTCC ACAAACGGGAGAGCCGGTTATTGCTCCTGCACCGGAAGGTTACCCACAGCAGTCACAATATGCGCAGCCTGCAGTGCAAT ATAATGAGCCGCTGCAACAACCAGTACAGCCGCAGCCGTATTATGCACCTGCAGCTGAACAACCTGCGCAACAGCCG GTCTACATACCAGACTGAGCAAACTTATCAGCAGCCGCTCAGGAGCCGTTGTACCAACAGCCGCAACCCGTTGAAC AGCAGCCTGTTGTGGAGCCTGAACCCGTTGTAGAAGAGACAAAACCCGCGCGCTCCGCCGCTTTACTACTTTGAAGAAGTT GAAGAAGCGAGCCCGTGAACGTGAACACTTGCGGCCTGGTATCAACCGATTCCAGAACCGGTTAAAGAACCAGAACC GATCAAATCTTCGCTGAAAGCACCTTCTGTTGCAGCAGTACCTCCAGTAGAAGCCGCTGCCGCTGTTTCCCCGCTGGCAT  $\tt CTGGCGTGAAAAAAGCGACACTGGCGACGGGGGCTGCCGCAACCGTTGCCGCGCCCAGTCTTCAGTCTGGCAAATAGCGGT$
GGACCGCGTCCTCAGGTCAAAGAGGGGATTGGTCCGCAGTTGCCACGACCGAAACGTATCCGCGTGCCAACTCGTCGTGA ACTGGCGTCTTACGGTATTAAGCTGCCCTCACAGCGTGCGGCGGAAGAAAAAGCCCCGTGAAGCCCAGCGCAATCAGTACG GGCTCGTCAGTTTGCGCAAACTCAACAACAACGTTATTCCGGCGAACAACCGGCTGGGGCGAATCCGTTCTCGCTGGATG ATTTTGAATTTTCGCCAATGAAAGCGTTGCTGGATGATGGTCCACACGAACCGTTGTTTACGCCAATTGTTGAACCTGTA CAGCAGCCGCAACAACCGGTTGCACCGCAGCAGCAATATCAGCAGCCGCAACAACCAGTTCCGCCGCAGCCGCAGTATCA GCAGCCACAACAGCCGGTTGCGCCGCAGCCACATATCAGCAGCCGCAACAACCGGTTGCGCCACAGCAGCAATATCAGC AGCCGCAACAACCGGTTGCGCCGCAGCAGCAGTATCAGCAGCCACAACAGCCAGTTGCGCCACAACCGCAGGATACCCTG GACACCGCCGCCGAGCGAAGTGGAGCCGGTAGATACCTTTGCGCTTGAACAAATGGCTCGCCTGGTGGAAGCGCGTCTGG  $\tt CTGATTTCCGTATTAAAGCCGATGTCGTCAATTACTCTCCGGGGCCGGTTATCACTCGCTTTGAATTGAACCTGGCACCGCTGGCACCGGGGCCGGTTATCACTCGCTTTGAATTGAACCTGGCACCGGGGCCGGTTATCACTCGCTTTGAATTGAACCTGGCACCGGGGCCGGTTATCACTCGCTTTGAATTGAACCTGGCACCGGGGCCGGTTATCACTCGCTTTGAATTGAACCTGGCACCGGGGCCGGTTATCACTCGCTTTGAATTGAACCTGGCACCGGTGATTACTCTCGGGGGCCGGTTATCACTCGCTTTTGAATTGAACCTGGCACCGGTGATTACTCTCGGGGGCCGGTTATCACTCGCTTTTGAATTGAACCTGGCACCGGTTATCACTCGGCTTTTGAATTGAACCTGGCACCGGTTATCACTCGCTTTTGAATTGAACCTGGCACCGGTTATCACTTGAACCTGGCACCGGTTATCACTTGAATTGAACCTGGCACCGGTTATCACTTGAATTGAACCTGGCACCGGTTATCACTTGAATTGAACCTGGCACCGGTTATCACTTCGAATTGAACCTGGCACCGGTTATCACTTGAATTGAACCTGGCACCGGTTATCACTTCGAATTGAACCTGGCACCGGTTATCACTTCGAATTGAACCTGGCACCGGTTATCACTTGAATTGAACCTGGCACCGGTTATCACTTGAATTGAACCTTGGCACCGGTTATCACTTCGAATTGAACCTGGCACCGGTTATCACTTGAATTGAACCTGGCACCGGTTATCACTTGAATTGAACCTGGCACCGGTTATCACTTCACTTGAATTGAACTTGAACTTGAATTGAACTTGAACTTGAATTGAACTTGAACTTGAATTGAACTTGAATTGAACTTGAATTGAACTTGAACTTGAATTGAACTTGAATTGAACTTGAACTTGAATTGAACTTGAATTGAACTTGAATTGAACTTGAATTGAATTGAACTTGAATTGAATTGAACTTGAAT$ AGTTATTCCTGGCAAACCCTATGTAGGTCTGGAGTTACCGAATAAAAAACGACAAACCGTTTATCTGCGCGAAGTTTTGG ATAACGCCAAATTCCGCGATAATCCGTCGCCATTAACCGTGGTGCTGGGTAAAGATATCGCCGGTGAGCCGGTGGTTGCC GATCTGGCGAAAATGCCGCACTTGTTGGTTGCGGGGACTACCGGTTCCGGTAAATCTGTCGGTGTAACGCGATGATCCT GAGCATGCTTTATAAAGCACAGCCAGAAGATGTGCGTTTCATCATGATCGACCCGAAAATGCTGGAGCTTTCGGTTTATG TCGCATGATGCGTCCGATTCCAGACCCGTACTGGAAGCCGGGTGACAGTATGGATGCCCAGCATCCGGTGCTGAAAAAAG CGTCTGGCGCAAAAAGCCCGTGCCGCGGGTATCCACCTCGTACTGGCAACTCAGCGTCCATCGGTTGATGTTATTACTGG TCTGATTAAAGCGAATATTCCGACCCGTATCGCCTTTACCGTATCCAGTAAGATTGACTCACGTACCATTCTTGATCAGG GCTTTTGTTCGCGATCAGGAAGTTCATGCCGTGGTGCAGGACTGGAAAGCGCGTGGTCGCCCACAGTATGTTGATGGCAT TGCAGTTTGTCACTGAAAAACGCAAAGCGTCAATTTCTGGCGTACAGCGTCAGTTCCGCATTGGTTATAACCGTGCAGCG  ${\tt CGTATTATCGAACAGATGGAAGCGCAGGGGATTGTCAGCGAACAGGGGCACAACGGTAATCGTGAAGTGCTGGCCCCACC}$ GCCGTTTGACTAACTAATGCATCGTATGCCGGATAAGGCGCGGTAGCGTCGCATCCGGCACTCTATCAACTGAAAATTCA GTATTTCTTCTTCCTCAAGCTGATTATTAGCCTGGAATAGAGAGTAGAGGGAACTCCCGATCGGGAGTGACGTAATTT GATGCCACCGGTAATACGCCGTTTATGCTGATTGCCCGCAACCAGTCCAGCGACTGGCAGCAGTACAATATCAAACAGAA TGGCGATGACTTTGTCCTGACGCCGAAAGCCAGCAATGGCAATCTGAAGCAGTTCACCATTAACGTGGGACGTGATGGCA CAATCCATCAGTTTAGCGCGGTGGAGCAGGACGATCAGCGCAGCAGTTATCAACTGAAATCCCAGCAAAATGGGGCTGTG  ATCTGTCGCTCGATTTTTCGGATAATACTTTTCAACCTCTGGCCGCGCGTATGCGCCCAGAAAATTTAGCACAGTATATC GGCCAGCAACATTTGCTGGCTGCGGGGAAGCCGTTGCCGCGCGCTATCGAAGCCGGGCATTTACATTCTATGATCCTCTG GGGGCCGCCGGGTACCGGCAAAACACTCTCGCTGAAGTGATTGCCCGCTATGCGAACGCTGATGTGGAACGTATTTCTG  $\tt CCGTCACCTCTGGCGTGAAAGAGATTCGCGAGGCGATCGAGCGCCCGGCAAAACCGCAATGCAGGTCGCCGCACTATT$ CTTTTTGTTGACGAAGTTCACCGTTTCAACAAAAGCCAGCAGGATGCATTTCTGCCACATATTGAAGACGGCACCATCAC TTTTATTGGCGCAACCACTGAAAACCCGTCGTTTGAGCTTAATTCGGCACTGCTTTCCCGTGCCCGTGTCTATCTGTTGA AATCCCTGAGTACAGAGGATATTGAGCAAGTACTAACTCAGGCGATGGAAGACAAAACCCGTGGCTATGGTGGTCAGGAT AATGATGGCGGATATGGCCGAAGTCGATGATAGCGGTAAGCGGGTCCTGAAGCCTGAATTACTGACCGAAATCGCCGGTG AACGTAGCGCCCGCTTTGATAACAAAGGCGATCGCTTTTACGATCTGATTTCCGCACTGCATAAGTCGGTACGTGGTAGC GCACCCGATGCGGCGCTGTACTGGTATGCGCGAATTATTACCGCTGGTGGCGATCCGTTATATGTCGCGCGTCGCTGTCT GGCGATTGCGTCTGAAGACGTCGGTAATGCCGATCCACGGGCGATGCAGGTGGCAATTGCGGCCTGGGATTGCTTTACTC GCGTTGGCCCGCGGAAGGTGAACGCCCATTGCTCAGGCGATTGTTTACCTGGCCTGCGCGCCAAAAAGCAACGCTGTC TACACTGCGTTTAAAGCCGCGCTGGCCGATGCTCGCGAACGCCCGGATTATGACGTGCCGGTTCATTTGCGTAATGCGCC GACGAAATTAATGAAGGAAATGGGCTACGGGCAGGAATATCGTTACGCTCATGATGAAGCAAACGCTTATGCTGCCGGTG AGGTTTACTTCCCGCCGGAAATAGCACAAACACGCTATTATTTCCCGACAAACAGGGGCCTTGAAGGCAAGATTGGCGAA  ${\tt AAGCTCGCCTGGCTGAACAGGATCAAAATAGCCCCATAAAACGCTACCGTTAATGTTATCGTTGCGGTAATGTTGT}$ TACTGTATCCCTGTGGTCGCAGGCTGTGGCCACATCTCCCATTTAATTCGATAAGCACAGGATAAGCATGCTCGATCCCA ATCTGCTGCGTAATGAGCCAGACGCAGTCGCTGAAAAACTGGCACGCCGGGGCTTTAAGCTGGATGAGATAAGCTGGGC  $\tt GCTCTTGAAGAGCGTCGTAAAGTATTGCAGGTCAAAACGGAAAACCTGCAAGCGGAGCGTAACTCCCGATCGAAATCCAT$ TGGCCAGGCGAAAGCGCGCGGGGAAGATATCGAGCCTTTACGTCTGGAAGTGAACAAACTGGGCGAAGAGCTGGATGCAG TGAAAGGGCAGATTGCTCGCATGCACCGCGCACTGTCGCAGTTTATGCTGGATCTGCATACCGAACAGCATGGCTACAGT GAGAACTATGTTCCGTACCTGGTTAACCAGGACACGCTGTACGGTACGGGTCAACTGCCGAAATTTGCTGGCGATCTGTT TGGTGCGCGGTGAAATCATCGATGAAGATGATCTGCCAATTAAGATGACCGCCCACACCCCATGCTTCCGTTCTGAAGCC GGTTCATATGGTCGTGACACCCGTGGTCTGATCCGTATGCACCAGTTCGACAAAGTTGAAATGGTGCAGATCGTGCGCCC AGAAGACTCAATGGCGGCGCTGGAAGAGATGACTGGTCATGCAGAAAAAGTCCTGCAGTTGCTGGGCCTGCCGTACCGTA AAATCATCCTTTGCACTGGCGACATGGGCTTTGGCGCTTGCAAAACTTACGACCTGGAAGTATGGATCCCGGCACAGAAC  ${\tt ACCTACCGTGAGATCTCTTCCTGCTCCAACGTTTGGGATTTCCAGGCACGTCGTATGCAGGCACGTTGCCGCAGCAAGTCTCTCTGCTGCAGCAACGTTTGCAGGCACGTCGTATGCAGGCACGTTGCCGCAGCAAGTCTCTCTGCTGCAGCAAGTCTCTATGCAGGCACGTTGCCGCAGCAAGTCTCTACAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCGCAGCAAGTCTATGCAGGCACGTTGCCAGCAAGTCTATGCAGGCACGTTGCCAGCAAGTCTATGCAGGCACGTTGCCAGCAAGTCTATGCAGGCACGTTGCCAGCAAGTCTATGCAGGCACGTTGCCAGCAAGTCTATGCAGGCACGTTGCCAGCAAGTCTATGCAGGCACGTTGCCAGCAAGTCTATGCAGGCACGTTGCCAGCAAGTTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAG$ GGACAAGAAACCCGTCTGGTTCATACCCTGAACGGTTCTGGTCTGGTCTGGTCGTACGCTGGTTGCAGTAATGGAAA ACTATCAGCAGGCTGATGGTCGTATTGAAGTACCAGAAGTTCTGCGTCCGTATATGAACGGACTGGAATATATTGGCTAA ACTTACACGTAATACTACTTTCGAGTGAAAATCTACCTATCTCTTTGATTTTCAAATTATTCGATGTATACAAGCCTATA GAAAACGAAAATCCCTGATGCGGTATTGGCTGCTGAGGTGAGTCGCCGTGGTTTGGTAAAAACGACAGCGATCGGCGGCC TGGCAATGGCCAGCAGCAGCATTAACATTACCTTTTAGTCGGATTGCGCACGCTGTCGATAGCGCCATTCCAACAAAATCA GACGAAAAGGTTATCTGGAGCGCCTGTACAGTTAACTGTGGTAGTCGCTGCCCGCTACGTATGCACGTCGTGGACGGTGA GTTCCATGCGTCGCCGTGTCTACAATCCGGACCGCCTGAAATATCCGATGAAACGAGTCGGGGCGCGCGGTGAAGGCAAA TTCGAGCGCATTAGCTGGGAAGAAGCCTACGACATCATCGCGACCAATATGCAGCGCCTGATCAAAGAGTACGGCAACGA GTCTATCTGACCTATGGCACCGGTACGCTGGGCGGCACCATGACCCGCTCCTGGCCGCCGGGAAATACCCTGGTCG TATACCTACGGCGGCTGGCAGATGCCAACACCCCGTCGGATATCGAAAACAGTAAGCTGGTAGTGCTGTTTGGTAATAA  ${\tt CCCTGGCGAAACGCGAATGAGTGGCGGTGGGGTGACTTACTATCTTGAACAGGCACGCCAGAAATCTAATGCCCGCATGA}$ TCATCATCGATCCGCGCTATACCGACACCGGTGCCGGGCGCGAAGATGAGTGGATCCCTATTCGTCCGGGAACAGATGCC GCACTGGTTAACGGTCTGGCGTACGTCATGATCACTGAAAACCTGGTGGATCAGGCATTCCTCGATAAATATTGCGTTGG CTACGATGAGAAAACCCTGCCAGCCAGTGCGCCGAAAAATGGCCACTATAAAGCTTATATTCTGGGTGAAGGGCCAGATG GCGTGGCTAAAACGCCGGAATGGGCCTCGCAAATCACTGGTGTTCCGGCAGACAAAATCATCAAATTGGCTCGTGAAATC GGTAGTACCAAACCGGCGTTTATCAGCCAGGGATGGGGCCCGCAGCGTCACGCTAACGGTGAAATCGCAACCCGTGCTAT  $\tt CTCGATGCTGGCGATTCTGACCGGTAACGTTGGTATTAACGGAGGCAACAGCGGCGCGCGTGAAGGTTCATACAGCTTAC$  $\tt CGTTTGTCCGTATGCCGACCTTGGAAAACCCGATCCAGACCAGCATTTCGATGTTTATGTGGACCGATGCCATTGAACGT$ GGCCCGGAAATGACGGCGCTGCTGATGGTGTACGCGGGAAAGATAAGCTGGATGTGCCGATCAAAATGATCTGGAACTA TGCCGGTAACTGCCTGATTAACCAGCATTCTGAAATCAACCGTACCCATGAAATCCTTCAGGATGATAAGAAGTGCGAGC TGATTGTGGTTATCGACTGCCACATGACCTCATCGGCGAAATATGCTGACATCCTGCTGCCTGACTGCACCGCTTCCGAA CAGATGGACTTTGCGCTGGATGCATCCTGCGGGAATATGTCTTACGTGATTTTCAACGATCAGGTGATTAAACCGCGCTT TGAATGTAAGACCATCTATGAAATGACCAGCGAACTGGCAAAACGTCTTGGCGTTGAGCAACAGTTTACTGAAGGCCGTA  $\tt
CCCAGGAAGAGTGGATGCGGCATCTGTATGCCCAGTCGCGGGAAGCGATTCCTGAACTGCCAACGTTTGAAGAGTTCCGC$  ${\tt AAGCAGGGGATCTTTAAAAAGCGCGACCCACAAGGGCATCACGTTGCTTATAAAGCCTTCCGTGAAGATCCGCAGGCAAA}$  $\tt CTGCAGCTTACAGGTTTCCACTATAAATCTCGCGTTCACTCAACTTACGGCAACGTTGATGTGCTGAAAGCGGCTTGCCG$ TCAGGAAATGTGGATCAACCCGCTTGATGCCCAAAAACGCGGTATCCACAACGGCGATAAAGTCAGGATCTTTAACGATC GTGGTGAGGTTCATATTGAGGCGAAAGTGACGCCACGAATGATGCCGGGTGTGGTCGCACTGGGTGAAGGTGCCTGGTAT  ${\tt GAATCCGTCACATACAAACCTTGTTCAGGTTGAAAAGGTGTAAGGAGTAACCGATGACAACCCAGTATGGATTTTTTATT}$ GATTCCAGCCGTTGCACCGGTTGCAAAACCTGCGAGCTGGCCTGTAAAGACTACAAAGATTTGACGCCAGAAGTCAGCTT  $\tt CCGCCGCATTTATGAATATGCTGGCGGCGACTGGCAGGAAGATAACGGTGTCTGGCACCAGAACGTGTTTGCCTACTATC$ TGTCGATTTCATGTAACCACTGCGAAGATCCGGCTTGTACTAAAGTCTGCCCGAGCGGTGCGATGCATAAACGTGAAGAT GGTTTTGTTGTGGTCGATGAAGATGTGTGCATTGGCTGCCGCTACTGCCATATGGCTTGCCCGTATGGCGCACCGCAATA TAACGAAACGAAAGGCCATATGACCAAATGCGATGGTTGTTATGACCGTGTTGCGGAGGGTAAAAAGCCGATCTGTTGTTG  ${\tt CCGTTGCCGCGAGCTCACTTTACCAAACCGAATATTGTGATCAAACCCAATGCCAATAGCCGCCCGACCGGGGATACCAC}$ GGGCAATGTGTAGCAGGTGGTTTTATCGTTCTGGCTTTTGGCGCTGCTCAAAGGCGACCTGCGAGCAGAAGCCCAGCAGCG TGTTATCGCCTGCATGTTTGGTTTATGGGTGCTGATGGGCATTGGCTTTATCGCCTCTATGCTCCATCTTGGTTCACCAA GTAGGCGGCATCGGCTGGTTGCTGGCAATGCTGAAAAAGCTGTCACCGGCATTGCGTACGCTGTGGCTGATAGTGACGAT GGTTCTTGGCGTCATCTTTGTCTGGATGATGGTGCGTGTGTATAACAGCATTGATACCGTTCCGACCTGGTACAGCATCT GGATCGTGCTTTTGGCCGTTGCCCTGTGCTTGTGGATTGCACCACAGCTAAAAGGTTATCAGCCTGCGGTTCCGCTACTT GGCCGTCGCAAGCTAATCATAACAACCGGGGTTTCGGCCCCGGTTCTCTTTTATTTCTGCTTCGTTAACGTGTCATAACT GGTCATCAAATTACGATAATCAGGAATGTGGTTAGAGAACAACGTCGCCAGTCCTTCAATATCATTACGCCAGTCGCGAT GCAGCTCGCACGCCACGCCGAACCATGTCATCAATTGCGCACCAGCTTGCGACAAGCGATCCCATGCCGAATGCCGGGTA ATTTCATTAAAGGTCCCTGACGCGTCAGTCACGACAAAGACGTCAAACCCTTCTTCAATGGCTGAAAGCGCCGGGAATGC CACGCAAACTTCGGTTACCACACCGGCAATAATTAACTGTTTTTTACCTGTCGCTTTGACAGCTTTTACAAAATCTTCGT TATCCCAGGCGTTAATATTTCCCGGGCGAGCAATGTAAGGTGTATCGGGGAATTGTGCTTTCAGTTCTGGAACTAATGGG GTTATTTTTAAACTTATCGGGTTCGATATCCCGTACAAGGGAAAGTAAACCAGCCTGGTGATCAACAAGCAAAACGGCAG AGACGCGATGCATTGCTCTGAAAGCATAGACGGGAAATATGAGTTTGCTGTGACCATGAAATTTTTCGACTGAACGAAGC TATAAATCGATAATACCGCCGCTGGGATATCGCGTATTTTCACCCATTGACAATGTTTTTTGGCGGTGGCATGATGCGCAT GAAATTTGAACTTCCTCACGGTTTTAATTCATGTCCACGTATACCCAGCCTGTCATGCTTTTGCTGTCTGGCCTGCTTTT GTTGACTCTGGCGATTGCGGTGTTAAATACACTCGTGCCGCTTTGGCTCGCCCAGGAACACATGTCCACATGGCAGGTAG  ${\tt GCGTTGTCAGCTCATCTATTTTACCGGCAACCTTGTCGGTACATTGCTGACAGGGTATGTCATTAAGCGCATTGGCTTT}$ GTTGGCTTGGCGTTTTTGTCGCGGGCGTCGGCTGTGCCATGATTTGGGTGGTTGTTGAGAGCGCGCTGATGTGCAGTGGGA  ${\tt CGTCACGTAACCGTGGGCGTTTGCTTGCTGCGTATATGATGGTTTATTACGTGGGAACGTTTTTTAGGCCAGTTACTGGTC}$ AGCAAAGTTTCAACCGAGCTGATGTCCGTATTGCCGTGGGTTACAGGTTTGACGTTGGCAGGGATCTTACCGCTGTTGTT TACGCGTGTGCTGAATCAGCAGGCTGAAAACCATGATTCGACGTCAATTACGTCAATGCTAAAACTCCGTCAGGCGCGGC TTGGCGTGAATGGCTGCATTATCTCAGGAATCGTTCTGGGATCTCTATATGGCCTGATGCCGCTGTACCTCAATCACAAA TCTGGCGGATAAGTTTGGTCGACTGCTGTTTGCGTGTTCAGGTCTTTTGTCGTCATTCTCGGCAGTATCGCGATGCTTA GCCAGGCGGCGATGGCCCCAGCGTTATTCATCCTCGGTGCCGCTGGCTTTACGCTATATCCGGTGGCGATGGCATGGGCT TGCGAGAAAGTTGAACATCATCAACTGGTGGCGATGAACCAGGCCTTACTGTTGAGCTATACTGTGGGAAGTCTGCTTGG  ${\tt CCCGTCATTTACCGCTATGCTAATGCAGAATTTCTCCGATAATTTATTGTTTATCATGATCGCCAGCGTATCGTTTATCT}$ ATTTGCTGATGCTGCTGCGCAACGCCGGTCATACGCCGAAACCCGTTGCTCACGTGTAAATGAATTCAAGCAGAGTGTGA ACTTACTGTTTCACACTCTGCTTTTTTGTTTCTATCTGACTTGCTTTATTCCAAATTTTATTCGTTTAAAAAATAAAA TGTGCAGCAGGTTATAATTTTGCATTTCGCTATTTCCGCACTTCTTATTTGCCGCGCATAATCCCTCGTTTTACCGATGC  $\tt CCCTTTAATTTTGGCGAAGGATTTGTCTATGGCTGGGAATGTTCAGGAAAAACAGTTGCGATGGTACAACATTGCGCTGA$ TGTCTTTTATCACTGTCTGGGGTTTTTGGCAACGTTGTTAATAACTATGCCAACCAGGGGCTGGTGGTTGTTTTTTCATGG GTGTTTATCTTTGCACTCTATTTCACACCTTATGCGCTAATTGTTGGTCAGTTAGGCTCGACCTTCAAAGATGGGAAGGG TTCCCTATCTGGCACAAAAACCCCAGGCAATTCTGATTGCGCTCGGTTGGGCGATGAAAGGCGACGGTTCGCTAATCAAA GAATATTCAGTCGTAGCGTTACAGGGGTTAACGCTGGTGCTGTTTATCTTCTTTATGTGGGTTGCTTCACGCGGTATGAA CGCCTGCAATTACTGAAGTGCATATTGCGACCACAAACATTACCTGGGAAACGTTCATTCCTCATATCGACTTTACCTAC  ${\tt ATTACCACTATTTCAATGCTGGTTTTCGCGGTTGGCGGAGCAGAGATTTCTCCTTACGTTAATCAAACGCGCAACCC}$ GGATGATGTTTGATTCGCGTAATATCCCGGATGACTTAATGACCAACGGTCAGTATTACGCCTTTCAGAAGCTGGGCGAG TATTACAACATGGGTAATACTTTAATGGTGATTTACGCCATTGCGAATACCCTGGGACAAGTAGCGGCGCTGGTATTCTC ATTTATTGCAGTCGTTCGCTTGGCGCAGAAATATAAACCAGAATATGTCTTTATTCGTAATAAGCCTCTGGCAATGACCG TCGGGATTTGGTGTTTTGCCTTTACCGCCTTTGCCTGTTTGACGGGGATCTTCCCGAAAATGGAAGCCTTCACTGCAGAG TGGACCTTCCAGTTGGCGCTGAATGTTGCAACGCCGTTTGTGCTGGTAGGACTGATATTCCCGCTGCTGGCGCG TAAAGCGAATAGTAAATAATTATTGTGGTCGGTGACGCTGACTCTGGCAGATCTGACCCGTTTTTACATAATCGAGAAAT GCGCGCAAGCCGCAGGACATATACTGGCGGTTTGGATAATAGATCTGGAAGCCTGGACGCTCTGTGCTCCAGTCTTCCAG TACACATTCTAAACGACCAGTATCAAGGTACTCCTTGATCTGTTCATAGAGCAGATACCCGATACCAGCACCCATCAAAA CGGCCTCCAGTTCAGCATCAACATCCAGAATGATATTTCCTGCGACAGCAATTTCCAGCTCCTTTGCAAATTGCCAG TGGAAAGGTTTGCCGCTGGGATAACGAAAAACACACATTGATGATTAAGCAGATCATGAGGATGGCGGGGTTTGCCATA TCTTGCAAAGTACTCTGGCGTTGCTGCTACACATAATTTCACTGGCGGGCCGATCGCCACGCTGATCATATCTTTTTCGA TTAATATCAGGATATTCACGTGTGAAACCAACCAGTAAAGACATTAAAAATATACGTGCAGCTACCCGGGCGGCATTGAT TTTGAGCGTTCCTGTCGGTGTCAGACGAAAATCATTCATCTCATCTAACATGATCTGAATTTCGTCGAAAGCTGGGCGCA ATCGTTCATAGAGATTAGAACCCGCTTCCGTTAACGATACGCTTCGGGTTGTCCGATTGAATAAGCGAATTTTAAGACGT TGTTCCAGTGTTTTAATACTATGGCTAATGGCGGACGAGGATAAGCCTAACTCATCGCCCGCTGCACGAAAGCTTTGATT ACGGGCCACGGCAAAGAAGTGGCAAAGTCAGACATATTCATCCGCATTAGTGAAAATCCTTCATTAACTCATCCTGAAT CATCACGTTTACAGGATTATGCCGCCTGCGTAAAGTGCGCTCCAGAACTTAACGTGGAGGTAAAATTATGCAGTCTGAAC GTATTTATTTGGTATGGGCCCATCCTCGTCATGATTCATTGACCGCACATATTGCTGATGCGATCCATCAGCGGGCAATG GAGCGGAAAATACAGGTGACGGAACTCGATTTATATCGGCGTAATTTCAACCCAGTGATGACGCCGGAAGATGAACCAGA CTGGAAGAATATGGATAAACGTTATTCTCCAGAGGTTCATCAGCTTTATTCAGAGCTGCTTGAACATGACACGTTAGTGG TATGGAGATGGCACAAATTACCATTCAATAAAGTTCGTTGGGTGGCGCTGGTTGGAGGAGACAAAGAATCATTTGTCCA GATGGGCTGGGAAAAAATATAAGCGATTATTTAAAAAATATGTGCAGTTATCTTGGTATTGAAGATGCCGATGTCACTT TCTTGTGTAATACAGTGGTATTCGATGGGGAAGAACTTCACGCGAGCTATTATCAGTCGTTATTATCTCAGGTACGGGAT ATGGTAGATGCACTATAAGATGTGTTAAAAACGCTGTAGCAGAATGAAGCGCGGAATAAAAAAGCGGCAACTCAATAAAG TTGCCGCTTTACGGGGAAATTAGAACATTACCTTATGACCGTACTGCTCAAGAATGCCTTTCACGCGTTCCATGGTCTCT TTCTTCGGTGGTTTAACACCGTCGAGTTTGTACTCTTCACCCATTGCCACCCATTTGTGTTTGCCCAGCTCGTGGTAGGG GAGAAGCTCGATTTTCTCAACGTTGCCCATATCACGGGTAAATTCACCGAGGCGATGCGCTGAATCGTCATCGTCAGACC AGCCTGGGACAACGTAGCGGATCCACACCTTCACATTTTTGTTCGCCAGATATTTAGCGAACTCCAGCGTGCGGTGG  $\tt CGCGGAACCAGTCACGAACAACTCAGCTTGCAGGATTGCTTCACCGCCGGATGCGGTAACGCCGCCGCCGGAAGCGTTC$ ATAAAGTGGCGATAGGTCACCACTTCCTTCATCAAATCTTCAACGGTAACTTCTTTACCGCCATGCGTGTCCCAGGTGTC GCGGTTATGACAATACAGGCAGCGCATCAGGCAGCCCTGGAAAAAGGTGATAAAGCGAATACCTGGGCCGTCTACGGTTC  $\tt CACAGGATTCAAAGGAGTGAATGCGACCAATAACTGACATTGCGGTGTTTCTCCAGATGTGGCCCATCTGAGGCCGTGTT$ GCTAAAAAAGGCCCCACTTTCGTGGAGCCTTTATTGTACGCTTTTTTACTGTACGATTTCAGTCAAATCTAATTACATAGA TTGAGTGAAGGTACGAGTAATAACGTCCTGCTGCTGTTCTTTAGTCAGCGAGTTGAAACGTACTGCGTAGCCAGATACAC GGATGGTCAGCTGCGGATATTTTTCCGGGTTTTCCATCGCGTCGAGCAGCATTTCACGGTTCATCACGTTAACGTTCAGG GTCTTTACCCAGTGCGTTCGGAACGATAGAGAAGGTGTAGGAGATACCATCTTTAGCGTAAGCAAACGGCAGTTTAGCAA GATCATTGTTACCAAACTGCGGGTATTCGCCTTCGATTTCGAAGTCGATAGCCAGACCGTCTTCGTCACGAATCGGTTTA GTCACGGTCGTGCAGCGCCATCAGAGAGGCTTCGTAGCTGTACTTGTCGTGCATGTAGTGGATGATGTTCAGTGCAGTGA TGTACTGTTTAGCCAGCCAGTCCATGAAGTGATCCATGCGCTCCATCACTTCATCATAGTTCAGGACATCGCCTTTGATC GGTTCAGACTTCGGACCAACCTGCATTTTCAGTTTTTCGTCAACGCCGCCGTTGATTGCGTACAGCATGGTTTTCGCCAG  ${\tt CAGGAAACGGAAGCTGTTTTTGGTAACCAGGGTACGACCGTCGAGGCCCATACCACCGATAGATTCGGTTGCCCAGATCG}$ GGTCGCCAGAGAACAGTTCATCGTATTCCGGAGTACGCAGGAAGCGAACCATACGCAGTTTCATGACCAGGTGGTCAACC ATTTCCTGCGCTTCTTGTTCGGTGATCTTGCCAGCTTTCAGGTCACGTTCGATGTACACATCCAGGAAGGTGGAGGTACG CAGTTTGTCTTTCATCAGGTAGTCGATACCGTACAGCGCAACGCGACGGTAGTCACCGATGATACGGCCACGGCCATATG  $\tt CATCTGGCAGACCGGTCAGAACACCAGATTTACGGCAACGCAGGATGTCCGGAGTGTAAACGTCGAACACGCCCTGGTTG$ TGAGTTTTACGGTATTCAGTGAAGATTTTTTTGATCATCGGATCCAGTTCGCGGTTGTACGCTTTGCAGGAACCTTCGAT TGTTGATGTAGCCAGCGTCGTGAGAGGTGATGGTGGAAGCAACAGCGGTGTCAAAGTCAACTGGCGCGTGAGTGCGGTTT  $\tt CTCGTACGGAGTGTAGTTTTCTGAATGAAGTCACGGACGTTTACTTCATTCTGCCAGTCACCTTTGGTAAAACCTTCCC$  $\tt GTTGCCGATCGTAACCGGAATCAGGTTATCAGTGATGAAATTCATCACGGTCAGGTGAGAAAATTTTCCGGTGCAGAAC$ CGACTGCGGTCCAAAATTCCGGGGATGCGAAGTCGCGGATTACAATACCCATCGGGATCATAAACATGTTTGCGATACTG TGCTCAAAACCGCTGGCAACAACATCGCGACCGGCAGCACCATAATGAACGCTTTGTCCATCAGGCTGCGGCCAGAATA TGTGGTCGGCGGTTTGTAGGACGTTTAGTCCCCATTGACCATTTGCGGTCATATACTCGCCGGAAAGCCACATTAAAAGT ACTCGCCTTAGCAACAACAACAACACGGTGGAAGTAAAGAGATCGGCTCCGCAGACAACAACAAAAGAATCAGCCCCAGAG AGAAGCAAATGCCGCCAACCAGTTTTGCCATGCCGAAGGGCATTGTGCCTGTGCCAGTGGTTGCTGTGATATAGAAGACG AATGCGATTGAGATGAAAACACCGGCGGTAATCGCCAGATAGAAAGTCTTAAGCGGATGTTTCGTTGCTTTATAGACACC TATTAAGTCGGCGACGAGATACTAACAAAGCATTATAGATGAGAAATTGATATAGATCATATCTCGCCTGGCTTATAGGC  ${\tt CCGTAACTCGCATGGTTTTTATGCAAATACGGAGTAAATATTTGATTATCCAAATAAAAATAAAATTTTAAAAAATTAACAA}$ GGCATTAAAAAAACGCCCCGTAATATAACTCAGACTAATCATTAAGCCTACATTGCGTAGGCTATTTGATTTTATTTTGC  $\tt CCAGAATGCTGCTTTGGCGCGCTGCAGCTTTTCGTAGGCCTTCAACAACGACTGATGTGCAGCAAACGCGTGCAGATCGC$ TATCTACCGGTTGCAGGCCGTAAAACGCCGCTTCGCCGCTCATTGCCGCACTGGCGGCTTCTACGGCATCTGCGCCGTAC ATAATAGTTGGCGCGTTCCGGACTAAATACTGATGAGTTAAACTCCATCGTCCATTCGGTCCAGACCAGAGCCTGTTCCA GATCGCCACCAGCCAGCGCCAGCATGGCTTTTAATTCACCGATACGCAGGGTGTACCAACCGTTATCCGACCCGGTCGCC AGACCCAACAGCTCACGCACGCGGGTAAAGTCATCAAAACCTTCTTCATCCAGTTGCTCGATGAGGTTCAGGTAATCTTC TTTTTCCCACTCGCTGCCTGGTAGCGAAAGAATCGTTTCACGTAAATGGCTGCCCATACTGTTATTCGCGAGCCACAGAT CTTCAGCCGGATAAATATCGGACATGCCAGGCACGATAATACGGCAAGCATAAAACGCCCAGATGCTCGTAATCGGCAATA TAAACTTCTTTATCTTCTTTGTTGAAGATAGCCATCAGTGTGGCGAACTCTTCTTCCGTGGTGCCGGAGAAATTCCAGTC  $\tt CACAAACGGATAATCGGCATCCTGCTTGAACAGGTCCCAGGAGATTAAACCGCTGGAATCGATAAAGTGCGTTTCGAGGT$ TGGTATGTTCAGCGACTTCTTCATCATCGAAGGTTGGCGGAGTAAACACATCCAAATCTTTCAGGCCACGACCTTGCAGC AGCTCGGTCACGGTACGTTCCAGTGCTACGCCAAAATCAGGATGCGCACCGAAAGAGCAAAGCAGGTACCGTTAGCAGG ATTGAACAGTACCACGCAAATCACCGGATACTGGCCGCCAAGCGAACCGTCATAAGCGAAGATTGGGAAACCCTCCGCTT GCAATAATGCGGTTTTTCACGTAGCGTTCGAAAACTTCAGACAATCCCTGAACGCGTGCTTCGTTGCGGGTATTACCTGC GGACATACCGTTGGAGACGTACAGGTTACCAATGATATTCATCGGAATATAAACGGTCTGATTGTCGGACTGACGCGTAA  ${\tt TCATAAAACGCGCGCAGACGGTCATCGAGCAGCCCTTCTGGCACATCGTCATTTTCGGTCAGTGGGAACCATTTTTCGTT}$  $\tt
CGAAATATTCACCGAGTGCAGAAGCCAGCGCCGCTTTCTTGGTTGCGCCTTTACCGTTGGTAAAACACAGTGCGCACTCT$ TTGTCGCGAATATGTACAGACCAGACGTTAGGCACGGGATTCAGCCAGGAGGCCTCTTCAATCTGAAAGCCGAGGTCTGA AAGTTTTTGCTGGAAGCGAGCGATCGAATCTTCCAGAGCGGCATCTTTGCCGGGGATAAATGTTTGCGTCATGAAAATCA  $\tt CTTTAGTCGTACGGAAAGCGCGCAATAATACGGGTTTTATCTCAAAGGCGCTATCACCGCCGCCATGCCGATGAACTGTT$ GACTATGCTTTTAGCGGATAAACCACGTTAAGAGCATAAAAATGAAGGCGTTCGATCTCCACCGTATGGCATTTGATAAA CGTTTTATGATGATGTGCCGATGGTCCCGGTACTTATCGTCTTTATTACTCTGGCGTTGTTATACCGCCTGGTAATGTGG TTGATGGCGCACAGTGAAAAACTGGAAGATCTTCTGGAAGGCAAGCCAGTTGTCATTATTGAAGATGGCGAGCTGGCCTG  $\tt GTCGAAACTCAATAACTCCAACATGACGGAATTTGAGTTCTTTATGGAGCTACGATTGCGTGGCGTGGAGCAGCTGGGGC$  AGGTACGTCTGGCGATTCTCGAAACCAACGGGCAAATCAGTGTCTATTTCTTTGAAGATGACAAGGTGAAACCGGGTTTACTTATTTTACCCAGTGATTGTACGCAGCGTTACAAAGTGGTGCCGGAGTCGGCGGACTATGCCTGTATTCGTTGTAGTGA AATCATTCATATGAAAGCGGGGGAAAAACAATTATGTCCGCGCTGTGCAAATCCAGAATGGACGAAGGCAAGTCGGGCAA  ${\tt AACGGGTGACCTGACAGTAAAAACATCGGCTTTTTGCTAATAATCCGAGAGATTCTTTTGTGTGATGCAAGCCACATTTT}$ TGCCCTCAACGGTTTTACTCATTGCGATGTGTGTCACTGAATGATAAAACCGATAGCCACAGGAATAATGTATTACCTGT GTCCGGCAATGCTACCGGCAGAGGTGCTTAAACAGGCTCAACAGGAACTGCGCGACTGGAACGGTCTTGGTACGTCGGTG ATGGAAGTGAGTCACCGTGGCAAAGAGTTCATTCAGGTTGCAGAGGAGGCCGAGAAGGATTTTCGCGATCTTCTTAATGT  $\tt CCCCTCCAACTACAAGGTATTATTCTGCCATGGCGGTGGTCGCGGTCAGTTTGCTGCGGTACCGCTGAATATTCTCGGTG$ ATAAAACCACCGCAGATTATGTTGATGCCGGTTACTGGGCGGCAAGTGCCATTAAAGAAGCGAAAAAAATACTGCACGCCT TGCTTATATGCATTATTGCCCGAATGAAACCATCGATGGTATCGCCATCGACGAAACGCCAGACTTCGGCGCAGATGTGG TGGTCGCCGCTGACTTCTCTAACCATTCTTTCCCGTCCGATTGACGTCAGCCGTTATGGTGTAATTTACGCTGGCGCG TATGGGGTGATTGATAACAGCGATTTCTACCGCAATGACGTGGCGAAAGCTAACCGTTCGCGGATGAACGTGCCGTTCCA GTTGGCGGACAGTGCGCTTGACAAATTGTTCCTTGAAGAGTCTTTTGCTGCTGGCCTTCATGCACTGAAAGGTCACCGTG TGGTCGGCGGAATGCGCCCTTCTATTTATAACGCCATGCCGCTGGAAGGCGTTAAAGCGCTGACAGACTTCATGGTTGAG GAGTTGAGTTCATGGAATCCCTGACGTTACAACCCATCGCTCGTGTCGATGGCACTATTAATCTGCCCGGTTCCAAGAGC GTTTCTAACCGCGCTTTATTGCTGGCGGCATTAGCACACGGCAAAACAGTATTAACCAATCTGCTGGATAGCGATGACGT GCGCCATATGCTGAATGCATTAACAGCGTTAGGGGTAAGCTATACGCTTTCAGCCGATCGTACGCGTTGCGAAATTATCG GTAACGGCGGTCCATTACACGCAGAAGGTGCCCTGGAGTTGTTCCTCGGTAACGCCGGAACGGCAATGCGTCCGCTGGCG GCAGCTCTTTGTCTGGGTAGCAATGATATTGTGCTGACCGGTGAGCCGCGTATGAAAGAACGCCCGATTGGTCATCTGGT GGATGCGCTGCGCCTGGGCGGGCGAAGATCACTTACCTGGAACAAGAAAATTATCCGCCGTTGCGTTTACAGGGCCGCT TTACTGGCGGCAACGTTGACGTTGATGGCTCCGTTTCCAGCCAATTCCTCACCGCACTGTTAATGACTGCGCCTCTTGCG  $\tt CCGGAAGATACGGTGATTCGTATTAAAGGCGATCTGGTTTCTAAACCTTATATCGACATCACACTCAATCTGATGAAGAC$ GTTTGGTGTTGAAAATCAGCACTATCAACAATTTGTCGTAAAAGGCGGGCAGTCTTATCAGTCTCCGGGTACTT ATTTGGTCGAAGGCGATGCATCTTCGGCTTCTTACTTTCTGGCAGCAGCAGCAATCAAAGGCGGCACTGTAAAAGTGACC GGTATTGGACGTAACAGTATGCAGGGTGATATTCGCTTTGCTGATGTGCTGGAAAAAATGGGCGCGACCATTTGCTGGGG CGATGATTATATTTCCTGCACGCGTGGTGAACTGAACGCTATTGATATGGATATGAACCATATTCCTGATGCGGCGATGA TCCGGAAAAACTGAACTTTGCCGAGATCGCGACATACAATGATCACCGGATGGCGATGTGTTTCTCGCTGGTGGCGTTGT TTTTTCGGACCTTGTGAGTCATTTTGATTAATGGTAGCGTCGCTTGTCAATGTAAGTTGTTGATACATAATATTTATATA TGATTAATCAACGGATGATTCACATGAAGAATACTAAATTACTGCTGGCGATTGCGACCTCTGCAGCATTACTGACAGGG TGTCAAAATACCCACGGTATTGATACCAATATGGCTATCAGCTCCGGTTTAAATGCCTATAAAGCAGCAACATTAAGCGA TGCCGATGCAAAAGCGATTGCCAATCAGGGCTGTGCCGAAATGGACAGCGGCAATCAAGTCGCAAGTAAATCCAGCAAGT  ${\tt ACGGTAAACGTCTGGCAAAAATCGCCAAAGCATTGGGTAACAATATTAATGGCACGCCGGTCAACTATAAGGTTTATATG}$ GCAGAAGGCGCTATCAATGCTAAATACTCCCGTGATAAAGAGTCCGAAGCAGATGATTTCTCCTTTGATCTGTTGAAGAA  ${\tt ACGTGGCATCAGCACCCAGGGGCTGGTTGGCAGCTTTGAAACACTGGCTAGCCTGGATGGCGGTCGCACCCAGTCCATGTCCATGTCCATGTCCATGTCCATGTCCATGTCCATGTCCATGTCATG$  TTTCGGGCTGGTCTTCTGCCAGCCCGCTATAATTGCGCAATAAATCCCCATCTGAATACAGACAAAACTGGTTTTTGCAC AGCGTTGCAATGGCATCTGCTGGACTCGGGTGCAATTTATCGCGTACTGGCATTGGCGGCATTACATCACCATGTTGATG TTGCGTCGGAAGATGCGCTGGTACCGCTGGCATCCCATCTGGATGTACGTTTTGTGTCGACCAATGGCAATCTGGAAGTG ATCCTCGAAGGGGAAGATGTCAGCGGCGAAATTCGTACTCAGGAAGTGGCGAATGCAGCTTCACAAGTCGCGGCATTCCC ACGCGTTCGTGAAGCATTATTGCGTCGCCAACGCGCGTTTCGCGAATTACCAGGTCTGATTGCCGATGGCCGCGACATGG GAACGGTGGTATTCCCTGATGCACCAGTGAAAATTTTCCTTGACGCCTCCTCGGAAGAACGTGCGCATCGCCGCATGCTA CAGTTGCAGGAGAAGGGCTTTAGTGTTAACTTTGAGCGCCTTTTGGCCGAGATCAAAGAACGCGACGACCGCGATCGTAA AAAAAGCGCTACAATACGCGCCCAGAAATTGGCTCTCGCATAAGCGACCGAATTTGCAGTACCCCCGTTGCAATGGAAT GACAGCGGGTATGTTAAACAACCCCATCCGGCATGGAGCCAGGTGGACGTTAAATATAAACCTGAAGATTAAACATGACT TGCTATCGACAAAGACGTAGTACTGGTTGACGCTGGTCTGAAATCTGAGTCCGCCATCCCGGCTGAGCAGTTCAAAAACG TAGACGTTCGTCCGGTGCGTGACACTCTGCACCTGGAAGGCAAAGAGCTTGAATTTAAAGTAATCAAGCTGGATCAGAAG GCCTGCTGCACATCACTGACATGGCCTGGAAACGCGTTAAGCATCCGAGCGAAATCGTCAACGTGGGCGACGAAATCACT GTTAAAGTGCTGAAGTTCGACCGCGAACGTACCCGTGTATCCCTGGGCCTGAAACAGCTGGGCGAAGATCCGTGGGTAGC TATCGCTAAACGTTATCCGGAAGGTACCAAACTGACTGGTCGCGTGACCAACCTGACCGACTACGGCTGCTTCGTTGAAA TCGAAGAAGGCGTTGAAGGCCTGGTACACGTTTCCGAAATGGACTGGACCAACAAAAACATCCACCCGTCCAAAGTTGTT AACGTTGGCGATGTAGTGGAAGTTATGGTTCTGGATATCGACGAAGAACGTCGTCGTATCTCCCTGGGTCTGAAACAGTG GAAGAAGCAGTTCGTGAATACAAAAAAGGCGACGAAATCGCTGCAGTTGTTCTGCAGGTTGACGCAGAACGTGAACGTAT GTAAAGTAACTGCAGTTGACGCTAAAGGCGCAACCGTAGAACTGGCTGACGGCGTTGAAGGTTACCTGCGTGCTTCTGAA GCATCCCGTGACCGCGTTGAAGACGCTACCCTGGTTCTGAGCGTTGGCGACGAAGTTGAAGCTAAATTCACCGGCGTTGA TCGTAAAAACCGCGCAATCAGCCTGTCTGTTCGTGCGAAAGACGAAGCTGACGAAAGATGCAATCGCAACTGTTAACA AACAGGAAGATGCAAACTTCTCCAACAACGCAATGGCTGAAGCTTTCAAAGCAGCTAAAGGCGAGTAATTCTCTGACTCT TACGGCCGCCTTAATCAATGCAGCAACAGCAGCCGCTTAATTTGCCTTTAAGGAACCGGAGGAATCATGACCAAGTCAG AATTGATAGAAAGACTTGCCACCCAGCAATCGCACATTCCCGCCAAGACGGTTGAAGATGCAGTAAAAGAGATGCTGGAG AACTGCGCGATCGCGCCAATATTTACCGTTAAGTTTTTTACTCAAACTTGAACGAGAGAAAAGCACCTGTCGGGTGCTTT TTTCATTTCTCTAATCTGGAACTGGAAGCTGCCTCGCAGAGTTTTGAACAGTTTTCACCCTTTCGTTAAATTCTTCTGAA TGAAAATAACGACAGTCGGTGTATGCATAATTAGCGGAATTTTTCCGTTGCTGATTTTTGCCCCAATTGCCTGGGACATTA GCTGTTTTTCGTTTGGGGCATATTATCAGCAAAGCAAATTTTGTGGGCAGGAGAAACCTTAACTGGCGCGACGCAGGATG  ${\tt CAATTGTTGAGATCACTGCAACTGACGGCATGACCACTCATTACGGTCAAATTACTCATCTACAAGGTCGACGTATATTC}$  $\tt CCTGCGTCAGGTCTCGTGATGTATGGCGAATATCTTCCGCAAGCGGTTTGTGCTGGACAACAATGGTCAATGAAACTCAA$ AGTTCGTGCAGTTCATGCCCAACTTAATGATGGCGGCTTTGATAGCCAGCGTTATGCCCATTGCCCAGCATCAGCCGCTCA   $\tt CTGCAACCCTATCCGTGGAATGCGGTTATTCTTGGTTTAGGTATGGGGGAACGGTTATCCGTCCCCAAAGAAATCAAAAA$ GACTCATTCGCAGTGGACAAATTTTTCTGCCTGGGCGCTGGATCCACTGGCAAATACCATTAATTGGCGGAATCTGCTGT GCTGCTTTTTATGCCTGGTTGACGGGAATGCAACCTCCTGCATTGCGTACCATGGTGGCGCTTTGCTACGTGGGGAATGCT TAAGTTAAGTGGGCGACAGTGGAGTGGCTGGGATGTATGGATATGTTGTCTGCCGGCAATTTTGCTGATGGATCCTGTTG  $\tt CCATTCTCTCGCAAAGTTTATGGCTCTCTGCCGCTGCGGTCGCGGCATTGATATTTTGGTATCAGTGGTTTCCCTGTCCT$ CGTGCAAATCGTCATATTTCATGGCATTAGTCTGACCTCGTTTATTGCAAATCTATTAGCAATTCCCTTGGTGACATTTA  ${\tt TCACGGTTCCGTTGATCCTCGCCGCGATGGTTGTGCATTTAAGCGGGCCGTTAATCCTGGAGCAAGGGTTATGGTTTCTT}$  $\tt CTGGAGGCTTGCTGATGTGCCGCTGTGGCAAAAACCTCGACCTGACGAGTGGCAGCTGTACATGCTTGATGTCGGG$  ${\tt CAAGGGCTGGCAATGGTGATAGCCAGAAACGGCAAAGCGATTCTCTATGACACAGGACTGGCCTGGACGGGGATAG}$ TGGGCAACAACTGATTATCCCCTGGCTCCACTGGCATAATCTTGAACCGGAAGGCGTTATTCTGAGCCATGAACATCTGG ATCACCGGGGAGGCTGGATTCAATATTGCATATATGGCCGATGTTATGGATCAGAAGTCCGTTAAACTGGGAACATCATTAAAGGAAATAACCATTCCTGTGTGGTTAAGGTTGATGACGGGACGAATAGCATTCTTCTAACCGGTGATATTGAAGCCC  $\tt CAGCTGAACAAAGATGCTAAGCCGTTACTGGCAGCAAGTGCAGGCAACATTGCTTCAGGTACCTCACCATGGCAGTAAT$  ${\tt ACTGCCCTCTAACAAAGTTAAGCATCGCTATCAACTGCAAGGATATCAATGGATTGATACTCCACATCAAGGTCAAACAA}$  ${\tt CGGTCAATTTTTCAGCGCAAGGCTGGCGGATTAGCAGCCTCAGGGAGCAAATTTTACCTCGTTGGTATCATCAGTGGTTTT}$ GGCGTGCCAGTGGATAACGGGTAGAATATGCGGCTATTTCAACAAATGCTGGTTTTTTGAATGCATAACGACAAAGATCT TAATCCTCAACGCAGCCAGCGATACCTTCATGTTATCGCTCCTTAAGCCACTTCTTGATGATGGCTTTGGTAAAACAGAT CGCTCCGTGCTGGTGTGGATGCCGCTGGTGGTGATCGGGCTGATGATTTTACGTGGTATCACCAGCTATGTCTCCAGCTA  $\tt CTGTATCTCCTGGGTATCAGGAAAGGTGGTAATGACCATGCGTCGCCGCCTGTTTGGTCACATGATGGGAATGCCAGTTT$ GGCGCACTGATTACTGTTGTGCGTGAAGGTGCGTCGATCATCGGCCTGTTCATCATGATGTTCTATTACAGTTGGCAACT GTCGATCATTTTGATTGTGCTGGCACCGATTGTTTCGATTGCGATTCGCGTTGTATCGAAGCGTTTTCGCAACATCAGTA  $\tt AAAACATGCAGAACACCATGGGGCAGGTGACCACCAGCGCAGAACAAATGCTGAAGGGCCACAAAGAAGTATTGATTTTC$ GGTGGTCAGGAAGTGGAAACGAAACGCTTTGATAAAGTCAGCAACCGAATGCGTCTTCAGGGGGATGAAAATGGTTTCAGC  $\tt CTCTTCCATCTCTGATCCGATCATTCAGCTGATCGCCTCTTTGGCGCTGGCGTTTGTTCTGTATGCGGCGAGCTTCCCAA$ GTGTCATGGATAGCCTGACTGCCGGTACGATTACCGTTGTTTTCTCTTCAATGATTGCACTGATGCGTCCGCTGAAATCG
GAAAGATGAAGGTAAGCGCGTGATCGAGCGTGCGACTGGCGACGTGGAATTCCGCAATGTCACCTTTACTTATCCGGGAC GTGACGTACCTGCATTGCGTAACATCAACCTGAAAATTCCGGCAGGGAAGACGGTTGCTCTGGTTGGACGCTCTGGTTCG GCGCGAGTATACCCTGGCGTCGTTACCTAACCAGGTTGCTCTGGTGTCGCAGAATGTCCATCTGTTTAACGATACGGTTG CTAACAACATTGCTTACGCACGGACTGAACAGTACAGCCGTGAGCAAATTGAAGAAGCGGCGCGTATGGCCTACGCCATG GACTTCATCAATAAGATGGATAACGGTCTCGATACAGTGATTGGTGAAAACGGCGTGCTGCTCTCTGGCGGTCAGCGTCA GCGTATTGCTATCGCTCGAGCCTTGTTGCGTGATAGCCCGATTCTGATTCTGGACGAAGCTACCTCGGCTCTGGATACCG  $\tt AATCCGAACGTGCGATTCAGGCGGCACTGGATGAGTTGCAGAAAAACCGTACCTCTCTGGTGATTGCCCACCGCTTGTCT$ GCACCGCGGCGTTTACGCGCAACTTCACAAAATGCAGTTTGGCCAATGATCGAAAAAATCTGGTCTGGTGAATCCCCTTT GTGGCGGCTATTGCTGCCACTCTCCTGGTTGTATGGCCTGGTGAGTGGCGCGATCCGTCTTTGCTATAAACTAAACTGA AGCGCGCCTGGCGTGCCCCGTACCGGTTGTCGTGGTTAATCTCACCGCAGGCGGCAACGGAAAAACCCCGGTCGTTGTCTGGCTGGTGGAACAGTTGCAACAGCGCGGTATTCGCGTGGGGGTCGTATCGCGGGGATATGGTGGTAAGGCTGAATC TTATCCGCTGTTATTGTCGGCAGATACCACAACAGCACAGGCGGGTGATGAACCTGTGTTGATTTATCAACGCACTGATG CGCCTGTTGCGGTTTCTCCCGTTCGTTCTGATGCGGTAAAAGCCATTCTGGCGCAACACCCTGATGTGCAGATCATCGTA  ${\tt ACCGACGACGGTTTACAGCATTACCGTCTGGCGCGTGATGTGGAAATTGTCGTTATTGATGGTGTGCGTCGCTTTGGCAA}$ GTGTCCCTCGCAGCGGTGAAATCCCCATGCATCTGCTGCCGGGTCAGGCGGTGAATTTACGTACCGGTACGCGTTGTGAC GTTGCTCAGCTTGAACATGTAGTGGCGATGGCGGGGATTGGGCATCCGCCGCGCTTTTTTTGCCACGCTGAAGATGTGTGG CGTACAACCGGAAAAATGTGTACCGCTGGCCGATCATCAGTCTTTGAACCATGCGGATGTCAGTGCGTTGGTAAGCGCCG GGCAAACGCTGGTAATGACTGAAAAAGATGCGGTGAAATGCCGGGCCTTTGCAGAAGAAATTGGTGGTATTTGCCTGTA GACGCACAGCTTTCAGGTGATGAACCAGCGAAACTGCTTACGCAACTAACCTTGCTGGCTTCTGGCAACTAGTTACGCCG CACAAGGCCTGTTAAACAAACCCCGCCGTCGAGCGTCGTTGGAGGATATTCCGGCAACGATCTCCCGCATGTCCTTGCTG CAAATCGATACCATCAATATTGTTGCCCGTAGTCCATATCTGGTGCTTTTCAGTCGTCTGGGAAATTATCCTGCCCAGTG GCTGGATGAGTCTCTGGCGCGTGGCGAATTAATGGAATACTGGGCGCATGAAGCCTGCTTTATGCCGCGTAGCGACTTTC GTCTTATTCGCCACCGCATGCTGGCACCTGAAAAAATGGGCTGGAAATACAAAGACGCCTGGATGCAGGAACATGAGGCG GAAATTGCACAGTTAATTCAGCATATTCATGATAAGGGGCCGGTACGTTCAGCCGATTTTGAGCATCCTCGTAAAGGTGC GGCGCAACTTCCAGCGCGTTTATGATTTAACCCACCGTGTCATGCCTGACTGGGATGATGAGCGCGATCTCGTTTCGCAA TCGGCTGAAACGTCCGGCACTGGCGCGTGGCGCGAAGCGAGGGGCTGAACAGCAGCAATCATTGCTGTGCATGTTGAAA GGAGTGCTATACCCCAGCGCCGAAACGCCAGTATGGCTATTTTGTTCTGCCGTTATTACATCGTGGGCAATTAGTTGGGC GAATGGATGCCAAAATGCATCGCCAGACAGGCATCCTTGAAGTTATCTCTCTGTGGTTACAGGAAGGTATTAAACCAACG AGTGTTGCTGGAAACGGAAGCCCGCGTGCTGACTGCTGATGAGAGTAAATCATGAGTTTTTGTGGTCATTATTCCCGCGCG GAAGTATGTATGACGCGCCGATCATCAGTCAGGAACAGAACGTCTGGCGGAAGTTGTCGAAAAATGCGCATTCAGCGA CGACACGGTGATCGTTAATGTGCAGGGTGATGAACCGATGATCCCTGCGACAATCATTCGTCAGGTTGCTGATAACCTCG  $\tt CTCAGCGTCAGGTGGGTATGGCGACTCTGGCGGTGCCAATCCACAATGCGGAAGAAGCGTTTAACCCGAATGCGGTGAAA$ GTGGTTCTCGACGCTGAAGGGTATGCACTGTACTTCTCTCGCGCCACCATTCCTTGGGATCGTGATCGTTTTGCAGAAGG GCTGTTGCTCAGGAAGTTCCTGGCACAGGTGTGGATACCCCTGAAGATCTTGAGCGCGTTCGCGCTGAAATGCGCTAATT TCACTTCACGACACTTCAGCCAATTTTGGGAGGAGTGTCGTACCGTTACGATTTTCCTCAATTTTTCTTTTCAACAATTG ATCTCATTCAGGTGACATCTTTTATATTGGCGCTCATTATGAAAGCAGTAGCTTTTATGAGGGGTAATCTGAATGGAACAG  $\tt CTGCGTGCCGAATTAAGCCATTTACTGGGCGAAAAACTCAGTCGTATTGAGTGCGTCAATGAAAAAGCGGATACGGCGTT$ GTGGGCTTTGTATGACAGCCAGGGAAACCCAATGCCGTTAATGGCAAGAGCTTTAGTACGCCCGGAAAAGCCCGACAAC TGGCATGGAAAACCACCATGCTGGCAAGAAGTGGGACTGTCCGTATGCCGACTATTTATGGTGTGATGACGCATGAAGAA GGAACAACTCAAAGACCAAATCGTTGAAGCCTTACTGGCCTGGCACCGTCAGGACAGTCGCGGTTGCGTCGGCGCGGTCG ACAATACTCAGGAAAATTTCTGGCCCTCATGGTACCGGCAACATGTTGAAGTGCTATGGACCACGCTCAATCAGTTCAAT AACACCGGTCTGACGATGCAGGATAAGCGGATCCTGTTTCGCACTCGCGAATGTCTCCCGGCATTATTTGAAGGCTTTAA  $\tt CGACAATTGTGTGCTGATTCACGGTAACTTCTGTTTACGCAGCATGTTGAAAGATTCGCGCAGCGATCAGTTACTGGCGA$ TGGTCGGGCCGGGACTAATGCTTTGGGCACCGCGAGAATACGAACTGTTCCGACTAATGGATAATTCTCTGGCGGAAGAT  AGTTGCGCAACTGGTTAATACCGGACGATTTAGTCGGCGCAACTTCGATCTGGCATCAAAATCACTCTTGCCGTGGCTCG CCTGACGAACCTTTTAGCCACTGCCAGATACGGCCAAGCGTTTCATAGCCAACACGATCGCTATGCATCAACCAGACCGG AGAAGGGATTGCCCGTTCCCACGGGTTAAGCGGCGAGTCGATGGCCAACTGATTCGCCGGGGCTGGTAGCGGATTTAACC CTTCCTGCTGAAAAAAGATCATCGCCCGCGGCAGATGTGATGCGGAGGTCACCAGCAGGAAAGGGGCGTCACCAATCGCC TGTTTCACTGCTGCAGCTTCTTCTTCGGTATCTTTTGGCAAATCCAGGGTGATAATTTGCTCGCGCGCACGCCCAGCGA TTGCGCAACTCTGGCACCTACTTCCGCTGTACTCACCGTATTGGTTTTTTGCTACGCCTCCCGTGAAGATCAGTTTTGATC  $\tt CCGGATTTTCGCGCCATAAGCGAATACCTTCATTCAGGCGTGGCAGACTGTTATTGATTAAATTAGAGCTCGGTGCCCAC$ TGCGGGTTCCAGGTATAACCACCTCCGAGCACCACGATATAGTCCACTTTTTGCGAATTATTCCATGTCGGATAGGTGCT TCTTCCCGGTTTTTTGAAAACGCCTAAACCACAGCAGCGCCAGGCCAGCGCCAATAATCAACAACATCAGCGGAAGTGGC AGCAACATATTGCCAATCACTTTTTTCAGTGTAAAAAGCATCCTTTCTGGTTCCTTTTTTAACCATATAGCAAGGGATCG AAGGGCAGCTTCGACAGGCTATTCTGTGGCAGGATCTCGATCGCGTGCTGGCGGAAATGGGCCCGCAAAAACTGCGTGTG  $\tt CTGGATGCTGGCGGTGGAGAAGGGCAGACCGCAATCAAAATGGCCGAGCGTGGGCATCAGGTCATTTTATGCGATCTTTC$ TGCGCAGATGATCGACCGCGCAAAACAGGCGGCAGAAGCAAAAGGTGTGAGCGACAACATGCAATTTATACATTGCGCCG CGCAGCGTATTGCAGACCCTCTGGTCAGTGTTGCGTCCAGGCGGCGTGTTGTCGTTAATGTTCTACAATGCGCATGGTTT GTTGATGCATAACATGGTCGCCGGGAATTTTGATTACGTGCAGGCGGGAATGCCGAAAAAGAAAAAAACGGACGCTTTCGC  ${\tt CAGATTATCCACGCGACCCGGCGCAGGTTATCTGTGGCTGGAAGAAGCTGGTTGGCAAATTATGGGTAAGACAGGCGTT}$ CGCGTGTTTCATGATTATCTGCGCGAGAAACACCAGCAGCGCGACTGCTATGAAGCATTACTTGAATTAGAAACGCGTTA TTGCCGTCAGGAACCGTATATTACCCTGGGGCGTTATATTCATGTCACCGCGCGCAAACCGCAGAGCAAGGATAAAGTAT GAGTGAATTTTCCCAGACAGTCCCCGAACTGGTTGCCTGGGCCAGAAAAAATGACTTCTCCATCTCGCTGCCGGTAGACC GACTCTCTTTTCTGCTGGCGGTTGCCACGCTGAACGGCGAGCGTCTGGATGGTGAGATGAGTGAAGGCGAGCTGGTGGAT GCATTCCGCCATGTGAGTGATGCGTTTGAGCAAACCAGCGAAACCATCGGCGTGCGCGCCAATAACGCGATCAACGACAT GGTGCGTCAACGTCTGCTGAACCGCTTTACCAGCGAGCAGGCGGAAGGGAACGCAATTTACCGTCTGACGCCGCTCGGCA GAGCTCAAACGCGCAGCAGATGCCGCCGAAGAGGGCGGTGATGAATTTCACTGGCACCGTAATGTCTATGCGCCACTGAA ATATTCGGTAGCAGAATTTTCGACAGTATCGACCTGACGCAACGTCTGATGGACGAACAGCAGCAGCAGCAGGTGAAGGACG ATATCGCCCAGTTGCTGAACAAAGACTGGCGGGCGGCGATTTCCAGCTGTGAATTGTTGCTTTCGGAAACTTCCGGAACG GACCCATGACGATCTGCATTTCGTCGATCGTCTGGTGTTCGATCTGCAGAGCAAACTCGATCGTATTATCAGTTGGGGCC TCGTCTGCTGGATATGCGTGACGAAGAGATGGCACTGCGCGATGAAGAAGTGACTGGGGAACTTCCTGAGGATCTGGAAT ACGAAGAGTTTAACGAGATCCGCGAACAGCTGGCGGCGATCATCGAAGAACAACTTGCCGTGTACAAAACCAGACAAGTG  $\tt CCGCTGGATCTTGGTCTGGTGGTACGCGAATATCTGTCACAGTATCCGCGTGCACGTCACTTTGACGTTGCGCGTATTGT$ TATTGATCAGGCGGTACGTCTTGGCGTAGCGCAAGCAGATTTCACCGGACTGCCAGCGAAATGGCAGCCGATTAATGATT TCCGTTATTTCCGGCGCTGGACAGCGCCTTACGTTCAGGACGCCATATTGGCCTCGACGAACTGGATAATCATGCATTCC TGATGGATTTTCAGGAATATCTGGAAGAGTTTTACGCGCGCTTATAACGTTGAGCTTATTCGCGCACCAGAAGGGTTCTTC TATTTACGCCCACGTTCCACCACGCTGATCCCTCGTTCCGTCTTGTCGGAACTGGATATGATGGTCGGGAAAATCCTCTG TTATCTCTATCTCAGCCCGGAACGCCTGGCGAATGAGGGGATTTTCACCCAGCAGGAACTGTACGACGAACTGCTCACCC TGGCCGATGAAGCAAAACTGCTGAAACTGGTGAACACCGTTCAACCGGTTCAGACGTTGACCGTCAGAAGTTGCAGGAG  ${\tt AAAGTACGTTCTTCGCTCAACCGTCTTGCGTCGTTTAGGCATGTTGTGGTTTATGGGCCACGACAGCAGCAGTTTCGCAT}$ TACCGAATCGGTGTTCCGCTTCGGAGCCGATGTGCGTGCTGCCGACGATCCCCGTGAAGCACAGCGTCGCCTGATTCGTG ATGGCGAAGCAATGCCGATTGAAAATCATCTGCAACTCAACGATGAAACCGAAGAGAATCAGCCAGATAGCGGAGAGAA GAATAATGATTGAACGCGGTAAATTTCGCTCACTGACGCTGATTAACTGGAACGGCTTTTTTTGCCCGAACTTTTGACCTT GTAAGCTGAAAGCGGGTGTCTGTTATTCGATGCTCGACACCATTAACTCGCGCCACCAGCGGGTGGTGGTCGGTGTGCGT  $\tt CTGCAACAGGTTGCCGGACGCGATCGTAAAGTGGATATCAAGCCGTTTGCCATTCAGGGACTGCCGATGTCGGTGCAGCC$ GACACAGCTGGTGACCGAAACCCTGAACGAACGCCAGGCGCGCGTGCTGCCGCTTAACGAGCTGAAAGACAAGCTCGAGG TGCGTGAAAACCGTATGACGCTGGAAGCGATTCGTGTCACCCAGTCGGACCGCGACCTGTTTAAGCATCTGATCAGCGAA GCCACCAACTACGTGGCGGCGGACTACATGCGTCACGCCAACGAGCGCCGTGTCCATCTCGACAAAGCCCTGGAGTTTCG TCGCGAGCTACATACTTCGCGTCAGCAACTGGCGGCTGAGCAGTACAAACACGTCGATATGGCGCGTGAGCTGGCAGAGC  $A {\tt CAACGGTGCCGAAGGCGATCTGGAACCGGATTATCAGGCGGCCCAGTGATCACCTGAACCTGGTGCAAACCGCACTGCGT}$ CAGCAGGAGAAGATCGAACGCTACGAAGCGGATCTCGATGAGCTGCAGATCCGTCTGGAAGAGCAAAATGAAGTGGTGGC AGAAGCCATCGAACGCCAGCAAGAGAATGAGGCTCGTGCGGAAGTGCCGAACTGGAAGTGGACGAGCTGAAAAGCCAGC GCCAAAGAACTGTGCCATCTGCCGGACTTAACCGCCGACTGCGCCGCAATGGCTGGAAACCTTCCAGGCGAAAGAGCT GGAAGCGACTGAAAAAATGCTCTCTTGAGCAGAAAATGAGCATGGCGCAAACCGCGCACAGCCAGTTTGAGCAGGCTT GTCGATCAGCGTCACCTGGCAGAGCAGGTTCAGCCGCTGCGGATGCGATTAAGCGAACTGGAACAGCGTCTACGCGAGCA GCAAGAAGCTGAGCGTCTGCTGGCAGATTTCTGCAAACGTCAGGGCAAGAATTTTGATATCGACGAACTGGAAGCCCTGC ATCAGGAACTGGAAGCACGCATTGCCTCTTTTCCGATAGCGTGTCTAACGCCCGTGAAGAGCGCATGGCACTGCGCCAG CGTTAGCCTGGAAGATGCGCCGTACTTCTCAGCGCTGTATGGCCCGTCACGCCATCGTGGTGCCAGATCTGTCAC AGGTAACTGAACACCTGGAAGGCTTGACCGATTGCCCGGAAGATCTCTATCTGATCGAAGGAGATCCGCAGTCATTCGAT GACAGCGTGTTCAGCGTTGATGAGCTGGAAAAAGCGGTAGTGGTGAAAATCGCCGATCGTCAGTGGCGTTATTCACGTTT  ${\tt CCCGGAAGTGCCGCTGTTTGGTCGTGCTGCGCGTGAAAGCCGTATTGAAAGCCTCCATGCCGAGCGTGAAGTGCTTTCCG}$  $\tt CTGGCGGTTGCGTTTGAGTCTGACCCGGAAGCAGAAATCCGTCAACTGAACAGCCGTCGCATCGAACTGGAGCGGGCGTT$ TTCTGCCGCGTCTCAACCTGTTGGCTGATGACAGCCTGGCGGATCGCGTCGATGAAATCCGCGAACGTCTGGATGAAGCC  $\tt CCCGGAACAGTTCGAACAGTTAAAAGAAGATTACGCGTACTCTCAGCAGATGCCGCGATGCCCGTCAGCAGGCGTTTG$  ${\tt CCCTGACGGAAGTGCTGCAGCGTCGTGCGCACTTTAGCTATTCTGACTCGGCAGAAATGCTTAGCGGTAACAGCGATCTC}$ AACGAAAAACTGCGTGAACGTCTGGAACAGGCGGAAGCGTACCCGCGCTCGCGAAGCGTTGCGCGGTCACGCAGC GCAGTTGAGTCAGTACAACCAGGTGCTGGCTTCGCTGAAAAGTTCTTACGACACCAAAAAAGGCTACTCAACGATCTGC AACGTGAATTGCAGGATATCGGCGTGCTGATAGCGGGGCAGAAGAGCGGGCGCGTATTCGCCGTGACGAGCTGCAT GCGCAACTGAGCAATAACCGTTCACGCCGCAATCAACTGGAAAAAGCGCTTACCTTCTGCGAAGCGGAGATGGACAACCT GACCCGCAAACTGCGCAAGCTGGAGCGGGATTACTTTGAGATGCGCGAGCAGGTAGTGACCGCCAAAGCGGGCTGGTGTG TTGCGTTCCATGTCGGATAAGGCGTTAGGTGCGCTGCGTCTGGCGGTGGCGGATAACGAACATCTGCGCGACGTGCTGCG CATGTCGGAAGATCCGAAACGTCCGGAGCGTAAAATTCAGTTCTTCGTGGCGGTTTATCAGCATCTGCGTGAACGTATTC GTCAGGATATTATTCGTACCGATGATCCGGTGGAAGCTATCGAACAGATGGAGATTGAACTTAGCCGTCTGACCGAAGAA TTAACCTCCCGTGAACAGAAACTGGCGATCAGTTCCCGCAGCGTGGCGAACATCATTCGCAAAACCATTCAGCGCGAGCA TGCGTGAAACGCACGCCATGCTACTGGATGTGCTCTCTGAACAGCACGAGCAGCATCAGGATCTGTTTAACAGCAACCGT GCGCAGAGTCTGGTGCATTGTCGACCGGTGAGGCGATTGGTACCGGTATGTCGATTCTGGTGATGGTGGTACAAAGCTGG GAAGATGAATCTCGCCGCCTGCGCGGTAAAGATATCTCTCCTTGCCGCCTGCTGTTCCTCGATGAAGCAGCGCGACTGGA TGCTCGTTCTATCGCCACGCTGTTTGAATTGTGTGAGCGTTTGCAAATGCAACTCATCATCGCAGCGCCGGAAAATATCA GCCCGGAGAAAGGCACCACCTATAAACTGGTGCGTAAAGTCTTCCAGAATACCGAACACGTTCATGTCGTCGGCCTGCGA GGATTTGCGCCGCAACTCCCTGAAACGCTTCCAGGAACTGACGAAGCGCCTTCTCAGGCGAGTTAAAATTAAGGCGGCAG TCTTTACATTAGGTTATGTAAAAACGTATCGGCGTTTATATACTGAAGATAAGCCTGATGAGTAACAGGCTTGCTCGTCA TACTTTCGTGAGTATTGGCGTTGTACAGGCAAGTCGTAAAATAACAGCCTGGCTATTCAGAGTATGATAAAAACAGGGGG  ${\tt
CAAGGGATGTTGCTTAATATGATGTGTGGTCGTCAGCTGTCGGCAATCAGTTTGTGCCTGGCCGTAACATTCGCTCCACT}$ GTTCAATGCGCAGGCCGATGAGCCTGAAGTAATCCCTGGCGACAGCCCGGTGGCTGTCAGTGAACAGGGCGAGGCACTGC GAATCTCAATTACCCGCAGGTTACAAGCCGGTTTATCTTAACCAGCTTCAACTGTTGTATGCCGCACGCGATATGCAACC  $\tt CATGTGGGAAAACCGTGATGCTGTTAAAGCCTTCCAGCAACAGCTGGCAGAGGTGGCGATTGCCGGTTTCCAGCCGCAGTGCCAGTGCCGCAGTGCCAGTGCCGCAGTGCCGCAGTGCCGCAGTGCCGCAGTGCCGCAGTGCCGCAGTGCCGCAGTGCCGCAGTGCCGCAGTGCCGCAGTGCCAGTGCCAGTGCAGT$ TTAATAAATGGGTAGAGTTACTGACCGATCCTGGTGTTAACGGGATGCCACGCGACGTGGTGCTCTCTGATGCGATGATG GGCTATCTCCATTTCATTGCAAATATTCCGGTCAAAGGCACTCGCTGGCTATATAGCAGTAAACCTTATGCACTTGCAAC GCCGCCGCTCTCGGTGATTAACCAATGGCAGCTGGCCTGGATAAAGGTCAATTGCCTACGTTTGTTGCAGGACTGGCAC CGCAGCATCCGCAATATGCGGCGATGCATGAATCGTTACTGGCCTTACTCTGTGACACCAAACCGTGGCCCCAACTGACC GGCAAAGCAACGTTGCGCCCAGGGCAGTGGAGTAACGACGTACCGGCGTTGCGCGAAATATTGCAACGCACAGGCATGTT GGACGGGGGCCGAAAATTACTCTACCTGGCGATGACACGCCAACTGACGCGGTAGTCAGCCCATCCGCTGTTACTGTTG AAACAGCAGAAACTAAGCCGATGGATAAGCAAACGACGTCTCGTAGTAAACCTGCGCCTGCCGTTCGCGCCGCCTACGAT TGACTGGTTAAACGTAACGCCCGCCCAGCGTGCTGGTGTTGTTGCGCTCCAACATCCAGCGATTGCGCTTGCTGCCAACAG AGCTTTCTACCGGGATCATGGTTAACATTCCGGCCTATTCGCTGGTCTACTATCAGAACGGCAATCAGGTGCTGGATTCG CGAGTCATTGTCGGTCGCCCGATCGCAAAACGCCGATGATGAGCAGTGCCCTTAACAACGTAGTGGTAAACCCGCCGTG GAACGTACCTCCAACTCTGGCACGCAAAGATATTCTGCCAAAAGTGCGCAACGATCCGGGATATCTCGAAAGCCATGGCT ATACGGTGATGCGCGGCTGGAACAGCAGAAGCGATTGACCCATGGCAGGTTGACTGGTCTACAATCACGGCCTCGAAT TTACCGTTCCGCTCCAGCAGGCTCCAGGCCCACGGAACTCGCTGGGGCGCTATAAATTCAATATGCCGAGTTCAGAGGC CATTTATTTGCATGACACGCCGAACCACAATCTGTTCAAGCGTGATACACGCGCATTGAGCTCAGGCTGTGTACGAGTGA ATAAAGCTTCCGATCTGGCGAATATGCTGTTGCAGGATGCAGGCTGGAATGACAAACGTATTTCTGATGCGCTGAAGCAG GGTGATACACGTTACGTCAATATTCGGCAGTCGATTCCGGTGAATCTCTACTACCTGACGGCCTTTGTTGGTGCAGATGG AATTAATCAGGTAAATGAAGTAGTTCGGGGAAATCAGTTGTCGTAATAATTAGCATGATTGGGGGCGATTCTCTGCAGCC  $\tt CCCGTCACTGCTGGGGTTGAGTCATCTTGACGTCTGTTTACGGGCGGTTAAGGTGCCTCTTGTGCGCCAGAAGTGCATA$ TAAACGATAACATTGACCTGTAGACTTGATTATCATGGACAAATTCGACGCTAATCGCCGCAAATTGCTGGCGCTTGGTG GCGTTGCACTCGGTGCCGCCATCCTGCCGACCCCTGCGTTTGCAACACTCTCTACCCCACGCCCGCGCATTTTGACACTC  ${\tt AATAATCTTCATACCGGAGGTCAATCAAAGCGGAGTTTTTCGATGGCAGAGGCTATATTCAGGAAGAATTGGCAAAACT}$ TAACCATTTTTTCCGCGATTACCGCGCGAACAAAATAAAGTCCATCGACCCAGGATTATTCGACCAGTTGTATCGCCTGC CGCAGCCGTGGAGTAGCGAAGAAAAGCTATCACACTAAAGGCCAGGCGATGGATTTCCATATTGAAGGTATCGCGTTAAG  ${\tt CAATATTCGCAAAGCCGCGTTATCTATGCGCGCAGGTGGTGTAGGATATTATCCACGTAGTAACTTTGTGCATATTGATA}$  $\tt CCGGGCCAGCACGGCACTGGTAGTAATTGCTTAACGAAACAGGGGCAGTATGAACTATCGTATTATTCCGGTCACCGCAT$ TCTCCCAGAACTGTTCATTAATCTGGTGTGAACAAACCCGTCTGGCCGCACTGGTCGATCCTGGCGGCGATGCGGAAAAA ATCAAACAGGAAGTTGATGACAGCGGCCTGACACTGATGCAGATCCTGCTGACGCATGGTCATCTGGACCACGTTGGCGC AGCGGCGGAACTGGCGCAACATTACGGCGTGCCGGTTTTCGGCCCGGAAAAAGAAGATGAGTTCTGGCTGCAAGGCTTGC  $\tt CTGCGCAAAGTCGTATGTTTGGTCTGGAAGAGTGCCAGCCGCTGACGCCAGATCGTTGGCTGAACGAAGGCGATACCATC$   $\tt CTTGGTTATGAACGCCTGCATAATCCCTTCCTGCAAGACGAAATGCCCGTCTGGTAAGGCACATAAAAAAGCCCGCTTTT$ AATGCTGGCCTGGATTTCTGGCAAAGTGCGCTTTGTTTATGCCGGATGCGGCACGAGCGCCTTATCCGGCCTACAAAATC TCAGCCCGCTTTTCAGCGGGCTTCATTGTTTTTAATGCTTACAGCACTGCCACAATCGCTTCGCACAGCGGAGCCATGTT ATCTGGTGTCATCCCGGCCACATTTACGCGACCAGAAGCAACCGCATATACGCCAAACTCTTCGCGCAGACGCAGCACTT GTTCTTTTGTCAGGCCACTGAAGGAGAACATGCCGTTCTGTTTGATGATAAAGCTGAAGTCGCGGTTTGCGCCCTTTTTCC TAACGCATCGTTGCTCAGGATGGTGGCAACAACAGAAGCGCCGTGTGCTGGTGGGTTAGAGTAGTTAGCGCGAATCGCCG TTCTTCCAGACCACGGCAAAACCCTGGTAAGCGAAGTCAAACAGCGGTAACCAGCCTTTCTCAACGGAGAGTTGTGCCA GTGTTTGCCATTGTTCCAGCGTAGGGTCGATACCGGTTGGGTTATGGCAGCAGCACTGGAACAGCACTACGTCGCCAGCC TGAGCTTCATTCAGGCTGTTAATCAGTGCATCGAAGTCAAGAGTGTGATTTTCCGCATCATAATAAGCGTATTCACGAAC TTCCAGACCTGCAGAGTTAAAGACGCTCTTATGGTTCGGCCAGCTTGGGTTGCTCACCCACACACGCTTAACGCTGGTAT TTTTTGCCAGGAAATCGGCAGCCACGCGTAGTGCGCCAGTGCCCCCGGAGTCTGTGCCGTGCGAGCACGTTTGTCATTG ATCAGGGCGCTACCTTACCAAACAGCAGTTCCTGAGTGCAGCGACCAAATTCAGGGATGCCGTCAATGCCGAGGTAATT  ${\tt TTTGGTGGTTTCATTTTCGAGCAGATACTGTTCAGCCTTTTTCACGCTGGTCAGTACCGGGGTTTTGCCCGTCTCATCTT}$ GCAGGAGCGGCGGTAATGTTCTCAAACATGACGAGGTTCCATTATGGTTACAGAAGGGAAGTCCGCTATCAGGGTAACGG GAGATTTACAAAATTCCAACTATTACTGATGAAAACGCAGGCTGTTTTTTGCAAGACGTGAGATTGCTCTGGAAGGTATAA AAAAAACAGGACCAAAGTCCTGTTTTTTCGGCATTTAACAAAGAGGTGTGCTATTAGAACTGGTAAACGATACCCACAGC AACGGTGTCGTCTGAACCTACGCCCAGTTTGTTGTCAGAATCGATCTGGTTGATGATGTAGTCAACATAGGTGGACATGT TTTTGTTGAAGTAGTTGCGCCCACTTCAAAGTAGTTCACCAGATCAACATCACCGATACCTTCTACGTCTTTCGCT TTAGATTTGGTGTAAGCGATGGACGGACGCAGACCGAAATCGAACTGGTATTGCGCAACTAACAGAACGTCTTGCGTTTT  ${\tt AGATGTTGTTCGCGTCGTACTTCAGACCAGTAGCCCACTGTTCAGCTTTTTTACCGTTGCCAAGAGGTTGAGCTTCTTGC}$ AGGTTGGTACGGTCAGCTGCACCATAAGCACCAACGATACCAAAGCCTTCGTATTCGTAGCTGATAGAACCGCCAACACC GTCGCCGTTAGAACGGCGTGCAGTGTCACGCTCGTTTTTACCCAGGTACTGAACAGCGAAGTTCAGGCCATCAACCAGAC GTCAGCGTATTTAAGACCCGCGAATGCCAGACGCGTTTTGTTACCAGTTTGAGCGTCAGCGCCTTCAGAGTTGTTACCCT GGAAGTTATATTCCCACTGACCATAACCGGTCAGATCGGAATTGATTTGAGTTTCCCCTTTAAAACCAAGACGGGCATAG GTCATGTCGCCATTGCCACCGTAACTGTTTTCACCGTTACCCTTGGAAAAATAATGCAGACCAACAGCTTTACCGTACAG ATCTACTTTGTTGCCATCTTTGTTATAGATTTCTGCAGCGTTTGCAGTACCTGCTACTAACAGAGCAGGGACGATCACTG TCAATAAAAATTTACGGAACTATTGATGAGAGTTTGGTGTCTTTATGTGTCTCCAGGCATCTTTCCATTCAAACTAACGT TTCGCTACCGTGAAAGTGCTACAAAGATAAAGATTTGGTTTCAAAAAGAAAAATATGTAACCAAAAGTAAAATTTAAGG AACTTTGTGAACACCGTCATATTTCCATAGAGACGTGATGATATTTACAGCAATTTTAATCTATTTATATGATTTCCTTA TATTTAAATTAACTAAACGGAAATTTTGTTTCTGATGGAAACTTTATCGACCTGGCACAAAATCTTCTTTCAGACATCCA GAATGCCAAAAAATAGTATGAAAATTGTGCTATTAGCTAAGAAAAACTAATCCGCAATAAGAATGCGGATTAGTTTTTG CGCGTAAATGTTGCAATGTAATATTCCGTAACAGGATGATCGTTATGGCGGGGTTGCAAATAGATTGCTTGACTTAACAA ACAGATAACTTGACAGAAAAGATAAAAAAAGAGCCAGCGGGCGCTCTTGAAGACGCTAAATTAGAAGCTGGCGTTA  $\tt CGCGGAGTACGTGGGAACGGAATCACGTACGTTTTGCACGCCAGTTACGTAAGCAATCAGACGTTCAAAACCAAG$  ${\tt ACCGAAACCTGAATGCGGAACAGTACCGTAGCGACGCAGATCGCGATACCACCAGTAATCTTCTTTATTCAGGCCCATTT}$   $\tt CACTACCGGTGCTTTAAAGTGTTCTTCCGCCAGATAACGCTCATGCTCAGAAGAGAGATCGACTCCCCAGTAAACCGGGT$ TTTCAAACTTCCTGCCGCAGTTTTCGAGAATGGTCACTGCGTCGGTATAATCCACCTGCGCAAAATCGGCTTCAATGAAG  $\tt CGTTCCAGACGTGAAACGGCATCTTTATCTACGCGTTCAGCGAAGAATTTCATGTCGTCAGCGCGTTCTTCGAGAACCGC$ TTTGAAGACATATTTCAGCATGGCTTCAGCCAGACCCGCAATATCGTTCAGGTTAGCAAACGCCACTTCCGGCTCCAGCA GCGCAAGCGTAGGTTTCGCCGTTCAACTGGCCAGATACGGTCAGGAAAGACTCTTTACCAAAGAAGTCTTTGTCGAAATC  $\tt CACTTTGCCCTGATCGTTACGCGGCAGGTTTTCCAGATCCAGCGTAGAAACGCGGAACATTTCGCCTGCACCTTCGGTAT$ CAGATGCGGTAATCAGTGGCGTTGAAACCCAGAAGAATCCCTGCTCGTTAAAGAAGCGATGCAGCGCCTGCGCCAGCGTA TGGCGAACGCGCGCGCACCAATCAGGTTTGTGCGCGGACGCAGGTGAGCGACTTCACGCAGATACTCAATGCTGTG GCGTTTTGCCGCCATCGGGTAAGTGTCTGGATCTTCAACCCAACCAGCAACTTCAACCTTGCTGGCCTGAATTTCAAATT GTTGCCCCTGGCCCGGCGACGCCACGACTTTACCCGTCACAATGACCGAGCAGCCGGTGGTCAGACGCAGGACGTCTTCA GCCAGCTTTTGAATCTCGGCGGGTACCTACCCATCCGCGCACGGTGACTTCGCTGTCAACGGCTACACGGCCCTGGAGTA CGTCGGCTACAGGCACAACGCTCATAATATTCTCTCTGTTAATAGTCGGAAAAAATAAACACTTGTCCACCCGTAAATGG  $\tt GGGGATACCTATGTTACCTGGCATCTGCAATCAGACAAGCAGAATTCGCAAATGCAGCGAAAGATTTCGGAATTAAAGGT$ AAAAAAGGGAGCCGATTAGCTCCCTGATGATATTAACTGGCTTTTTTAATATGCGGAAGGTCGAACGCTTTGCGCAGCG  $\tt CCCGAACAACGCTTTATCATGGCAGATAGTTTTGCCAGGGCTGTCAGAAAGTTTCGCCACCGGTTTACCGTTACACTCT$ ACCAACTTAATGACAATATTCAGGGGTTTTACCTGGGGGATATCGCAGGTCAGGCGAGTCCCAATACCAAAACTTAATTG  $\tt CACGCGGGAAGAGGGGGGTATAGCTCAACCGCTTTGCGTAAATCCAGATTGTCAGAGAAAACCAGCGTTTTACTCT$  $\tt
GTGGATCAATTCCCAGCTTTTCATAATGTGCAATGGCTTTTTCACCCCATTCAACCGGGTCGCCAGAGTCATGACGCAGGCAGGCCAGGCCAGGCCAGGCAGGCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCAGGCCAGGCCAGGCCAGGCCAGGCAGGCCAGGCCAGGCCAGGCAGGCCAGGCCAGGCCAGGCAGGCCAGGCCAGGCCAGGCCAGG$ ACAAACCAGGATTCCTGTTGCAGACGCTTAACGATGGTTTCTTGTACTTCGCGAGAAAAACGGCGACGGGTGCCAAAATC CATCAGATGGAAGCGCGACATATCAAGACCGGCGGTTAACGCCGAGAAGTCGACTAATTTGCTTTCCAGCGTGTCGAGGG ATGACTTCACGCCACGGGCCGCTTAAACGAATATCCAGCTTGCCATTATCGTTGGACACGGTGACTTGTTCCGGGTTAAA GGCGCAGGTGCTGCATCGCCTGAACCTGTTCACGAATAGCATCGGCATAAATACCCAGCAGATCGTCACCTCGGCAACGA AACTCCGCCGCGACATGCACATCGTAATAGTGATGAAACACGGCTTGCTGCATATGCAACTTATAAGCATCTGTATCCAG CAACGAGTGCAGAACAGGAGAAGCGAATTGTGTCATAGGTGCGCAGTAGCGTCCTCGTACAGGAGCGTTTAGTACAATAA  ${\tt ACATCTTCAGGAACTGCTGGAGTATACCTTGTTTCGCAATTTATTGAACCCCGATCACACCATATGCCACCTTTCTGGTC}$ GATGGCATTACGCGGTGTATGTTATAAAAATGTAGCAATAAAGGCGTTTGTACCTGAAAAGATGAAGATTCTGCATAGCG CGATTTACGCAACAGGAATAGACTGAACACCAGACTCTATAAAAGATGCTAAAAGGTTATTATGACTCAACAGCCACAAG CCAAATACCGTCACGATTATCGTGCGCCGGATTACCAGATTACTGATATTGACTTGACCTTTGACCTCGACGCGCAAAAG  ${\tt ACTGGTTTCTGTTCATATTAATGATGAGCCGTGGACCGCCTGGAAAGAAGAAGAAGAGGGCGCACTGGTTATCAGTAATTTGC}$ GATGCGCTTTGCACCCAGTGTGAAGCCGAAGGTTTCCGCCATATTACGTATTATCTCGACCGCCCGGACGTGCTGGCGCG TTTTACCACCAAAATTATTGCCGATAAAATCAAATATCCCTTCCTGCTTTCCAATGGTAACCGCGTTGCGCAAGGCGAAC TGGAAAACGGACGCCATTGGGTACAGTGGCAGGACCCGTTCCCGAAACCGTGCTACCTGTTTGCGCTGGTGGCAGGCGAC TTTGATGTACTGCGCGATACCTTTACCACGCGTTCTGGTCGCGAAGTAGCACTGGAGCTGTACGTCGATCGCGGCAACCT TGATCGCGCGCCGTGGGCGATGACCTCGCTGAAAAACTCCATGAAATGGGATGAAGACGCTTTGGCCTGGAGTATGACC  ${\tt TCGACATCTATATGATCGTCGCGGTGGATTTCTTCAATATGGGCGCAATGGAGAATAAGGGGCTGAATATCTTTAACTCC}$ AAATATGTGCTGGCCCGCACCGACACCGCCACCGACAAGATTACCTCGATATTGAACGCGTTATCGGCCATGAATATTT ATCAGGAGTTCAGCTCTGACCTTGGTTCCCGCGCAGTTAACCGCATCAATAATGTACGCACCATGCGCGGATTGCAGTTT GCAGAAGACGCCAGCCCGATGCCGCACCCGATCCGCCCGGATATGGTCATTGAGATGAACAACTTCTACACCCTGACCGT TTACGAGAAGGGCGCGGAAGTGATTCGCATGATCCACACCCTGCTTGGCGAAGAAACTTCCAGAAAGGGATGCAGCTTT ATTTCGAGCGTCATGATGGTAGTGCAGCGACCTGTGACGACTTTGTGCAGGCGATGGAAGATGCGTCGAATGTCGATCTC TCCCATTTCCGCCGTTGGTACAGCCAGTCCGGTACACCGATTGTGACCGTCAAAGACGACTACAATCCGGAAACCGAGCA GTACACCCTGACCATCAGCCAGCGCACGCCAGCCACGCGGATCAGGCAGAAAAACAGCCGCTGCATATTCCGTTTGCCA  ${\tt TCGAACTGTATGATAACGAAGGCAAAGTGATCCCGTTGCAGAAAGGCGGTCATCCGGTGAATTCCGTGCTGAACGTCACT}$  $\tt CAGGCGGAACAGACCTTTGTCTTTGATAATGTCTACTTCCAGCCGGTGCCTGCGCTGTGCGAATTCTCTGCGCCAGT$ GAAACTGGAATATAAGTGGAGCGATCAGCAACTGACCTTCCTGATGCGTCATGCGCGTAATGATTTCTCCCGCTGGGATG CGGCGCAAAGTTTGCTGGCAACCTACATCAAGCTGAACGTCGCGCGTCATCAGCAAGGTCAGCCGCTGTCTCTGCCGGTG CTCTGGCGACTGAACTGGCGGATGAGCTACTGGCTATTTACAACGCGAATTACCAGAGCGAGTACCGTGTTGAGCATGAA GATATTGCAAAACGCACTCTGCGTAATGCCTGCCTTCCTCGCTTTTGGTGAAACGCATCTGGCTGATGTGCTGGT GAGCAAGCAGTTCCACGAAGCAAACAATATGACTGATGCGCTGGCGGCGCTTTCTGCGGCGGTTGCCGCACAGCTGCCTT GCCGTGACGCGCTGATGCAGGAGTACGACGACAAGTGGCATCAGAACGGTCTGGTGATGGATAAATGGTTTATCCTGCAA GCCACCAGCCGGCGGAATGTGCTGGAGACGGTGCGCGGCCTGTTGCAGCATCGCTCATTTACCATGAGCAACCCGAA  ${\tt CCGTATTCGTTGATTGGCGCGTTTGCGGGCAGCAATCCGGCAGCGTTCCATGCCGAAGATGGCAGCGGTTACCTGT}$ TCCTGGTGGAAATGCTTACCGACCTCAACAGCCGTAACCCGCAGGTGGCTTCACGTCTGATTGAACCGCTGATTCGCCTG  $\tt CACCGACCCTAATCGACGCGGACGGGGGATATCCACTGTCAAATCCAGACCAATTTTTCCCTCTTCAATTAACAGCACCC$ GGTCAGCCATCGCTACCGCTTCGCTCACATCATGCGTCACCAACAGTACGGTAAAGCCGTGCTCCTGCCAAAGTGACACA ATCAAATCCTGCATCTCGAGTCGCGTTAAGGCGTCCAGCGCCCCGAGCGGTTCATCAAGCAACAATAATCCCGGTCGATG TTGAGCAACAATGGCGTGCCTGGTTCAGACGAGCAGTATTCATACCGTGGCCTCCTTCAAATGATAAGCCGGGTTCCAG CGCAACCAGAGGCGCTCTAACAGCTGCGCGCTGACGTCAGCCAGTTTGCCGAGCAGGGCGTAAAGAATAATAGCGACTAC CACCACGTCCGTTTGCAAAAACTCCCGCGCATTCATCGCCAGATAACCAATGCCTGAATTGGCAGAAATGGTTTCGGCAA  $\tt CCAGGTGTTGATATAAATGGGGAATAGCGTACCGAGCGCCACCAGAAAGATTTTTGCGGATTCATCAATGCCAAACCACA$ AAATCACCAGCGGGATCAGCGCCAGATGCGGCACGTTGCGCAACATCTGAATTGAGGTATCCAGCAGCCGTTCTCCCCAG GATCGCCAGATGCTGCCACAGTTCGCCGCTGGCGGAGAGGCGTCCAGAACGCCGTCACCACTCCTTCCGGTGAAGGCAAAA TCGCCAACCCGATACGCTTCTTCCAGATGCGGATAGCCCGAAAGCACAAAACTGTCGATGCCAAGCGCGGCATATTCGTT GCGAATGCGGCCTGTGCTTTGGCGATAGTTTCATCATCAAGATGCGAGATTAACCGCTCGGCGGCCTGCCACGCTTCGTC GTTAGTTTCACGAACAATCACATGCAGACGAATACCGAAACGAATTTTGCGTCCATGCGCGGCAGCTTTCGCCCGCACTT GTTCGATTTTCTCTTTAACCAGTTCCGGCGGTTCGCCCCAGGTGAGGTAGAGATCAACCTGTTCTGCCGCCAGCTCCTGG ATGAATATGTTTACCGTTGAAATCGACGGTTTCTCTCTGCAATAAACGCCGCCAGACCTGGGTAAATTCCGCCGAGGCTT  ${\tt CGTAGCGCTCGCTATGATCAAGGAACACTCCGTCGCCTGCCAGCTCTTGTGGATCGCTGCCTGTGACCAGGTTAAACAAC}$ GACAAGAAACTTCAGCCGCTGCGTCACCGGGATCATCGATGCGGCAACCAGCCACCCATCTTCGCAGGAGCGCCCCGTTG GAATTAGCACACCGGTATAGCCAAGACGATCCGCCGCTTGCGCAATTTGTTGCAGATAACCGTGATCAACCGGGCGTGAA  $\tt CCTTCTTCCGTTCCCAGATAATGCCCGTCACCGTGGGTCGGTAAAAACCAGAACATATTCAGACTCATAATTGTTTTCCT$ TCCAGTTGAGTGGGCTGCCAGATGCGCTGGCGAATATCGACTTTTTTCGGCACCAGACGATTTTCATAAAACAGATCTGC TCACTAAAGGTTGCCAGTACGCCCTGAATAAAAGCGCCGTTTTTTTCTGCATAGGGACGAGCTGCCAGATAAAACGATCC AGTTTGATTGAGATCGGTGCCGTCTTTCAGCACCCGCACGCCCCTGTAATAATGCAGCAGAGTAGTAGGGATCCCAGA TAGCCCAGGCGTCAACGTTACCTTGCTGGAACGCGGCGCGGGCATCAGCGGGCGTCAGGTAAGTGGGTTGGATATCGGTA TAACTGGTGGCTTTTTGCCAGCACCATACCAATACTGCCTTTCTGATAGCCTATACGTAACGCTTCAGGCGAGGATTCTG GCAGATTTGGCGTGAACTGGGGTCTGTGATGGTAATCAATTACTTGTGAGTCATCGGCAAACACGCCGTGCAGGATCTCC TGAGCTTTCAGTGCGCTTAAAACTGGTTTAAGGGCATAATCGACCGCCAGCAGATGGGCCACGGTACCGCCCGTCGCCAG  ${\tt CGGTAGCACCACTTTGCCATGCAAAGCGCGTTCTGGCAGCAGGTCGAGCAGGGTTTTCAACGCACCGGAATAGGCGGCTT}$ TATACACAGGCGTGGCGACAATCAGCCCATCGGCCTGTTGCAGCTGTTCGGTGAAGGTCTTGAGTGCCGGACTATCGAAA  ${\tt CGAGCATAAAGTAGATCTTCCGGGGCGAAGTTTTGCAGATTCCAGTGATAAACCTCTACATCCAGGCCATTTAGTTTTTC}$ CTTATAACCAATTGTTCTTTTTTTTTTAACATTGATAACAATTCGGTCAGTCTGTCGGAGAGACAAGAAAATTCCAAATA TTAGATGTTGAATCAATGAATTACTCGTTCAGTTAATATTTAAATATTCATGAAATCTATAAATTAAAGATTTGTCACTT ATTGGATTTAGTATGCTTGATTTAAATGGCGGACAATTATTGTTATTATTATTAATGTCAATGTCATTTAAAGGCATTATCAT ATTTACGAAGAGTCAGGATGATAACGATGAAAAAAAGTGTATTGACGGCGTTTATAACTGTGGTATGTGCAACGTCCAG CGTTATGGCTGCTGATGATAATGCTATCACGGATGGCTCAGTAACATTTAATGGTAAAGTTATTGCTCCAGCTTGTACCC TGGTAGCTGCGACGAAAGATTCCGTGGTGACTTTGCCAGATGTTAGTGCCACGAAGTTGCAAACCAATGGTCAGGTTTCT GGCGTGCAAATTGATGTGCCAATTGAATTAAAAGATTGTGATACTACCGTAACAAAAAATGCAACGTTCACCTTTAATGG CACTGCGGATACTACTCAGATTACAGCGTTTGCTAACCAGGCCTCATCTGATGCTGCTACAAACGTGGCCCTGCAAATGT ATATGAATGATGGTACAACGGCCATCACGCCAGACACAGAAACCGGGAACATTTTGTTGCAGGATGGAGATCAGACGTTG  ${\tt ACTTTTAAAGTTGATTATATCGCTACGGGGAAAGCGACTTCAGGTAATGTGAATGCGGTAACAAATTTCCATATTAACTA}$ TTATTAATAGAACTCATTAATTGTTTTATTAATTAGTACCCCTCCAGTGTTCTGGAGGGGATATTCATATTTTTTAAGAG TGACTATTTATGAAAACTTGCATAACAAAGGGAATTGTGACCGTAAGTTTAACGGCAATATTACTCAGCTGCTCATCCGC  ${\tt ATGGGCGGCAGGTAAAGGCGGGATTGGACTTGCAGCAACACGTCTTGTTTATTCAGAAGGTGAAGAGCAAATTTCACTGG}$ TTTATTACTACCACCGCTATTTGTGCTGAATCCGGCAAATGAGAATCTGTTACGCATTATGTACATTGGAGCGCCGTT GGCGAAAGACAGAGAAACCCTTTTCTTCACTAGCGTACGGGCAGTCCCTTCAACAACGAAGCGGAAAGAGGGAAATACCC TGAAGATTGCCACAAAGCGTCATCAAACTTTTCTGGCGACCAAAAGGTTTAGCGTATCCCTTAGGCGAGGCTCCGGCG AAACTGCGTTGCACTTCGTCAGCTGACATGGTTACGGTCAGTAACCCAACACCTTATTTCATTACCCTGACAGACCTGAA AATAGGTGGAAAAGTAGTTAAAAATCAAATGATTTCCCCCTTTGATAAATACCAATTTTCTCTGCCAAAGGGGGCCAAAA ATAGCAGCGTAACGTATCGAACCATCAATGACTACGGGGCGGAAACGCCGCAACTCAACTGTAAATCGTAAGCCGTCTTC AGTTAAGAGAGCGAGATGTATAGAACTCATCGACAACACGCCTGTTAAGCTCTGGTGGAGTGCCATCGTTTATTGGTGG  $\tt GCTGGTGTTTTTTTGTGTCGGCAGCGTTCAATGCACAAGCTGAAACCTGGTTCGATCCTGCTTTTTTCAAAGATGATCCCT$   ${\tt CGGAGATTATTCCGGATGCCAGCGTAACGTTTAATGTGAATAAACTCCGTCTGGAAATTTCAGTACCGCAAATCGCCATC}$  $\tt CGGGGCTAACAGTATTCATAGCAGCGCAGACAGTGATTCTGGCGACAGCTATTTTCTGAATTTAAACAGTGGCGTTAATT$ TAGGCCCATGGAGATTGCGCAACAATTCAACATGGAGTCGTAGTAGTGGCCAAACCGCAGAATGGAAGAATCTCAGCAGC TATTTGCAACGGGCGGTTATTCCTCTGAAAGGCGAACTGACCGTAGGTGATGATTATACTGCAGGCGATTTTTTCGATAG TGTCAGCTTTCGTGGTGTGCAGCTGGCGTCAGATGACAACATGCTGCCAGACAGCCTGAAAGGGTTTGCGCCTGTGGTGC GTGGTATCGCCAAAAGCAATGCCCAGATAACGATTAAGCAAAATGGTTACACCATTTACCAAACTTATGTATCGCCTGGT GCTTTTGAAATTAGTGATCTCTATTCCACGTCGTCGAGCGGTGATTTGTTAGTTGAAATCAAAGAAGCGGACGGCAGCGT CAATAGCTACAGCGTACCGTTCTCCAGTGTGCCATTACTCCAGCGTCAGGGGCGAATCAAATACGCGGTGACACTGGCGA AATACAGAACCAATAGTAATGAACAGCAGGAGAGCAAATTTGCCCAGGCCACGTTGCAGTGGGGCCGACCGTGGGGAACG  ${\tt
ACCTGGTATGGTGGACAATATGCTGAATATTACCGTGCCGCCATGTTTGGTCTGGGATTTAACCTCGGCGATTTCGGCATTTCGGCGATTCGGCGATTTCGGCGATTTCGGCGATTTCGGCGATTTCGGCGATTTCGGCGATTCGGCGATTCGGCGATTTCGGCGATTCGGCGATTTCGGCGATTTCGGCGATTTCGGCGATTTCGGCGATTCGGCGATTCGGCGATTTCGGGATTTCGGGATTTCGGGATTTCGGGATTCGGGATTTCGGGATTCGGGATTCGGGATTTCGGGATTTCGGGATTTCGGGATTTCGGGATTTCGGATTCGGGATTTCGGGATTCGATTCGGATTCGGATTCGGATTCGGATTCGATTCGGATTCGATTCGGATTCGGATTCGATTCGGATTCGGATTCGATTCGGATTCGATTCGGATTCGATTCGATTCG$ TGTATGCCAAAACGCTCAACCACTTGGGCACTAACTTTCAATTGATGGGCTATCGCTATTCGACGTCGGGTTTCTACACC CTTTCCGACACCATGTATAAACATATGGATGGCTACGAATTTAATGACGGTGATGATGAAGATACGCCGATGTGGTCGCG TTATTACAATTTGTTTTACACCAAACGTGGCAAACTGCAGGTCAATATCTCCCAGCAATTAGGCGAGTACGGTTCGTTTT ATTTAAGTGGTAGCCAGCAAACTTACTGGCATACGGATCAACAGGATCGCTATTACAGTTTGGCTACAACACGCAAATT CTAACACCAGTATCGATAACGAAGGGCACACTACACAAAACCTGGGTTTAACGGAGACATTACTCGATGACGGTAACCTG AGCTACAGCGTGCAACAGGGATATAACAGCGAGGGGAAAACGGCTAATGGTAGCGCCAGCATGGATTACAAAGGGGCCTT TGCGGATGCCCGAGTGGGCTACAACTACAGCGATAACGGCAGTCAACAACAACTGAACTACGCTCTTTCAGGCAGTTTAG TTGCCCATTCACAGGGCATTACCCTGGGGCAATCGCTGGGGGAAACTAACGTTCTGATTGCAGCACCAGGCGCAGAGAAT  ${\tt AAGGGGCGTTGGTTCTGGCGGAGTTCAATGCCCATGCGGGTGCAAGGGTATTAATGAAAACATCAAAGCAGGGTATACCG}$ GGCGGGTTTACCGGCGAAGGGAACAATAAGCGTGCGCTGGGGCGAAGCTCCCGATCAAATTTGTCATATCAATTACGAGC TTACCGAACAACTAACTCTGCGATTACGCGAATGGATGCCATATGCAGATAATCTTTGGAGAAAAATGCGTGTCAT TACTACGACTATTTTTTGCCGCCGTCTTAATGTTATGGTGCGCTCAAACCGCTGCTTATAGCGGGCAGTGTCATACTACT  $\tt CAGGGGAATCCGTATATTGGCGTCAATTTTGGCGTTAAAACCCTGGAGGAAGAAGCAAATACGGCAGGGGTAGTTAAAGA$ CAAATTTTATCAGTGGAACGAATCGAATGATTATTATTGTTTCCTGTGATTGCGATAAAGACAATGTCAGAAGTGGCCGAT GGGCATTCGCCGCGGATTCACCGTTAGTCTATTTAGGCGACAACTGGTACAAAATTAATGACTATCTTGCCGCCAAAGTT TTATTGCAGGTTAAAGGCAGTTCTCCTACTGCGGTTCCTTTCGAAAACGTGGGCACAGGGGGGGATACCCGATGGCATAT TTGCGACCCTGGCGGTCAACGTTTAGGTGGGCAGGGGGCAAGCGGTAATAGCGGTAGCTTTTCCCTGAAAATATTGCAGC CGTTCGTTGGCTCGGTCATTCCTCCTATGGCGCTGGCGCGATTATATGAATGCTACAACATACCCGCAGGTGATTCC TGCACGACTACAGGTACACCGGTTTTAGTGTATTACCTGTCTGGTACGATCAATTCACTTGGCTCATGTTCCGTCAATGC GAACGGCAGAACTTGCAATTCCAGTCAGGTGTAACACGGGAAACGCGGGATTAGTTAATGTCAACCTGAGTCTGACGGCA ACCACAGACCCCAGCTATCCCCAGGCGATTAAGACGTCACGTCCTGGCGTGGCGTGGTGGTGACCGATAGCCAGAACAA  ${\tt CAGTCAGCACGACAGGTGTACCACCAGAAACCGGGCGATTTGAAGCCACGGCAACGGTGAGAATAAATTTTGATTAACGC}$ GTGAACGTATGAAGAAAAAAACGATATTTCAGTGCGTTATCTTGTTCTTTAGCATTCTTAACATCCATGTCGGGATGGCT GGGCCTGAACAAGTTAGTATGCATATTTATGGGAATGTGGTCGATCAGGGCTGTGATGTCGCCACCAAAAGTGCATTACA AAATATTCATATTGGTGATTTTAATATCAGTGATTTTCAGGCCGCGAATACCGTAAGCACTGCTGCTGATTTGAATATCG ATATCACCGGTTGTGCCGCTGGTATTACTGGCGCGGACGTCCTTTTTAGCGGCGAGGCTGACACCCTTGCGCCGACACTG  AGAAATCCCGCTCAATCAGGTCCAGCCTCTTACGCCCTTAAAAGCCGGGGATAACACACTCAAATATCAACTTCGTTATA AGTCCACAAAGGCGGGAGCAACGGGCGGTAATGCGACGGCGGTTCTCTATTTTGATCTGGTTTACCAGTGAAGGAGTGAT GTTGAAACGGATAATCTGGATTCTGTTCTTATTGGGATTAACGTGGGGCTGTGAGCTATTTGCCCATGATGGCACGGTCA  ${\tt TCGCTGACACGTTTTTCTCATGGGGAATTATGGCCCGGAGAAATCTTTCATCATTAATTTGCAGGATTGCGGAACAGATGT}$ CTACATAGCGGTAAGGTGCCATTAACTTTTTATGCGCAATTGCGACCTGTCAATAGCGATGTGCAGTCGGGTAAAGTGAA TGCCAGCGCGACATTTGTACTTCATTATGACTAATACGTGGAACAGATTGGCGCTCTTGATTTTCGCCGTTTTATCGCTG TATTTTACTGACTAATACCAGTCAGGAATCCTGGCTTATTAACAGTAAAATCAACCGCCCAACGCGTTGGGCCGGGGGGG TTGCTGAGAACGGAAAGCGACATCTTGCCTGTGGATCGCGAAACGCTATTTGAGTTAAGCATTGCCAGCGTGCCATCCGG ACCCGCTGGAAGCTTATCAACAATTACGCTGGACACGGAATTCGCAGGGTGTACAACTCACTAACCCAACGCCTTATTAC ATTAACCTGATTCAGGTGAGTGTAAATGGTAAAGCGTTAAGTAATGTGGGAGTTGTGCCGCCTAAAAGCCAGCGTCAGAC  $\tt CAGCTCGATCCAGAGCGCGCTCATGAGTTACTTTTCAGCAATTACGCCGTATTACAGGAACGCCGTTTGAAGCACTGGT$ GCGGCAGAAAGTGCCTGCGAAACCTGTTAACTGCATGGGCCTGACGTTTAAAAAATCCGCTTGGTCTGGCAGCCGGTCTTG ATAAAGACGGGGAGTGCATTGACGCGTTAGGCGCGATGGGATTTGGATCGAGATCGGTACCGTCACGCCACGTCCAGGTCAGGTTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGT $\tt CAGCCAGGTAATGACAAGCCGCGTCTCTTTCGTCTGGTAGATGCCGAAGGTTTGATCAACCGTATGGGCTTTAATAATCT$ TGGCGTTGATAACCTCGTAGAGAACGTAAAAAAGGCCCATTATGACGGCGTCCTGGGTATTAACATCGGCAAAAATAAAG ATACGCCAGTGGAGCAGGGCAAAGATGACTATCTGATTTGTATGGAAAAAATCTATGCCTATGCGGGATATATCGCCATC AATATTTCATCGCCGAATACCCCAGGATTACGCACGCTGCAATATGGTGAAGCGCTGGATGATCTCTTAACCGCGATTAA AAATAAGCAAAATGATTTGCAAGCGATGCACCATAAATATGTGCCGATCGCAGTGAAGATCGCGCCGGATCTTTCTGAAG  ${\tt AAGAATTGATCCAGGTTGCCGATAGTTTAGTTCGCCATAATATTGATGGCGTTATTGCAACCAATACCACACTCGATCGT}$ TCTCTTGTTCAGGGAATGAAAAATTGCGATCAAACCGGTGGCTTAAGTGGTCGTCCGCTTCAGTTAAAAAGCACCGAAAT TATTCGCCGCTTGTCACTGGAATTAAACGGTCGCTTACCGATCATCGGTGTTGGCGGCATCGACTCGGTTATCGCTGCGC GTGAAAAGATTGCTGCGGGTGCCTCACTGGTGCAAATTTATTCTGGTTTTATTTTTAAAGGTCCGCCGCTGATTAAAGAA ATCGTTACCCATATCTAATTATTTCTTCGAATTCCTCTTTATAAGATAATCAGGGCTTTATTTTCAGCCCTGGTTGTTTT ATATTCATCGCTGTTGCTTATTTAGACATTTTGTACTTTTATTGTTGAGGGTTATTAAGCGAAGCGACAATGGATTGTGTT GCTGCGGTTTTATAGGGTAGGGGAGAGGCAGATGCGAATTAAACCAGACGATAACTGGCGTTGGTATTACGATGAAGAGC  ${\tt ACGATCGAATGATGCTCGATTTAGCCAATGGTATGCTATTTCGCTCACGTTTTGCGCGCAAGATGTTGACTCCAGATGCC}$ TTTTCTCCCGCAGGCTTTTGCGTTGACGACGCCGCGCTCTATTTCTCTTTTGAAGAAAAGTGCCGCGATTTTAATTTATC TAAAGAACAAAAAGCCGAACTGGTGCTGAATGCACTGGTAGCAATTCGCTATCTCAAACCGCAAATGCCGAAAAGCTGGC ATTTTGTTTCCCATGGTGAAATGTGGGTGCCCATGCCGGGCGATGCGGCCTGCGTTTGGTTGAGCGATACTCACGAGCAG GTCAATTTGCTGGTCGTTGAATCTGGCGAAAATGCCGCACTATGCCTGCTGGCACAACCCTGCGTTGTTATTGCGGGTCG  $\tt CGCGATGCAGTTGGGCGACGCCATTAAAATCATGAACGACAGGCTGAAACCGCAGGTTAATGTTGACAGCTTCAGCCTCG$ AACAGGCAGTCTAACGCGCCAACTTAAGTGCAGTCTTCGGTACACAGCTACAGCAAAGAATGGTGCCATCATCGCCCATT GCTGATTTTTCAGCGGCGTGACTTCGCCTTCTAAAAGCTGAACACGGCAACTTCCACAAATGCCCGCGGGGAAGAATA AGGGATACGAATTCCCTGATTTTCTAATTGCTCCAGCAACACCTGTTGGTTATTTCCACGAAATGCCTGTCCCTGCCAGT GCCGTTGCCAGAATTTCCACCTCATCGCCAACGCGAATCACGCCGCTATTACGGGCCAATTAAATTCTGACCAAAATCGAC ATCGCCGTTATCCTGGGCAGTGCGGAAAGATTGCAATGTTTTTAATGGTTCGCCTGCCGGATGTTTTTGCCCTTTTTCTG GGCTGACGGTGGTGAAAATACAGCGGCTACAAGGTTTAACCACATCAAACACCACATCACCAATGCGAATCACTTTCCAG  TTGTTGGAGATCACGTAACGAGGCTTCGTTAGCAAGAAGGTAAGGATAGCCATCAGCAAATGACAGAGGTACAGTGTTGT GGCGTTTCACGCGCGGGTCATTTGTGGCCCCACCCAGCGTAATTGCACTTCGCGGGAAAAAATCCACTTAGCCATTTG TTGATCGCGTCTGGCGCAATTCGCGCGGTAAAATGTGTGCCCCAAACTTCGGTTGGTGCGTCTTGTGTGGCGAAATCAGC TCTGGGGAAACTGGCGAGCGGTAATAAACGTACCGTCAGGTTCCGTGATCATAAAGATGCGATCGAAGGCCAGACCACTG ACATCTGCCAGAGCATGTGTAAGACCAATGCCGCGCATCGATTTAACAGGATGAATAAAAAGCCGGATTAATGTCGCCAC GGTGCGGTCCTCAAATGAAAATAAGCCCTCAACTTTATGACATGACGCGCTTATTAGCTATAATGCGCAACAATTTTCTT GATATGAATTCTCTGTTTGCCAGTACGGCCCGTGGGCTGGAAGAGCTGTTAAAAACTGAACTGGAAAACCTGGGGGGCCGT TGAATGCCAGGTGGTTCAGGGTGGGGTCCATTTCAAGGGCGACACACGGCTTGTTTACCAGAGCCTGATGTGGAGCCGCC AACTGGACAGAGATGTTTAATCCTGGCGCGACCTTCGCTGTCCACTTCAGTGGTTTGAATGACACCATCCGCAACAGTCA GTACGGCGCGATGAAAGTGAAAGACGCGATCGTCGATGCTTTCACGCGGAAAAATCTGCCGCGTCCAAATGTTGATCGCG
ATGCGCCGGATATCCGCGTTAACGTCTGGCTGCATAAAGAAACCGCCAGTATCGCTCTTGATCTGAGTGGTGATGGTTTA  $\tt CATCTGCGTGGCTATCGCGATCGTGTTGTGCGCCGATCAAAGAAACCCTGGCAGCCGCTATTGTGATGCGATCCGG$ ATCGCGCACCAGGCTTGCACCGTGGGCGTTGGGGCTTTAGCGGCTGGGCGCAGCATGATGAAGCTATCTGGCAGGAAGTG AAAGCGGAAGCGCAAACTCGCGCCCGTAAAGGCCTGGCTGAGTATAGCTCTCATTTTTACGGTTCGGACAGCGACGCACG GGTGATTCAACGTGCACGCACTAACGCCCGTCTTGCGGGGATTGGTGAACTGATCACCTTTGAGGTGAAAGATGTCGCGC AACTGACCAATCCGCTGCCGAAAGGGCCGTACGGCACAGTGTTGAGCAACCCGCCATACGGGGAACGTCTGGACAGCGAA  $\tt CCGGCGCTGATTGCGCTGCATAGCCTGCTGGGTCGGATCATGAAAAACCAGTTTGGTGGCTGGAATCTCTCTTTGTTTAG$ TGCCTCGCCGGATCTGCTAAGCTGCTTGCAGCTGCGTGCAGACAAACAGTACAAGGCGAAAAAACGGCCCGCTGGACTGCG TACAGAAAAATTACCACGTTGCCGAAAGCACTCCAGACAGCAAACCGGCGATGGTAGCGGAAGACTACACCAACCGCCTG CGTAAGAACCTCAAAAAATTCGAGAAGTGGGCTCGCCAGGAAGGGATTGAATGTTACCGCCTGTATGACGCCGATCTGCC AGAATATAACGTTGCCGTTGACCGTTATGCCGACTGGGTGGTGCTGCAGGAGTATGCGCCGCCAAAAACTATTGATGCTC AAAACCCGTGAACGCCAGAAGGGCAAAAACCAATACCAGAAACTGGGCGAGAAGGGCGAGTTTCTTGAAGTTACCGAATA TAACGCTCACTTGTGGGTGAACCTGACGGATTATCTCGATACTGGTCTGTTCCTCGATCACCGCATCGCCCGTCGTATGC GGTGCACGCACCACCACCGTGGATATGTCGCGTACTTATCTGGAATGGCCAGAACGCAACCTGCGTCTGAATGGCCT GACCGGGCGTGCGCATCGCCTGATTCAGGCCGATTGCCTGGCGTGGCTGAGGCAAATGAACAGTTCGATCTGATCT TTATCGATCCGCCAACCTTCTCTAACTCAAAACGAATGGAAGATGCGTTTGATGTTCAGCGCGGATCATCTGGCGCTGATG AAAGATTTGAAACGTCTGCTGCGTGCAGGTGGGACGATCATGTTCTCGAACAACAACGTGGCTTCCGTATGGATCTCGA CGGCCTGGCAAAACTGGGACTGAAAGCACAAGAAATTACGCAAAAAAACGCTCTCCCAGGATTTCGCCCGTAACCGCCAGA TCCACAACTGCTGGCTGATTACCGCAGCCTGAAAGGAATAGTAATGTCATTAATCAGTATGCATGGCGCATGGCTGTCGT GCAGGCAAATCGACGTTAATGAAAATCCTCAACCGTGAACAAGGGCTGGATGACGGTCGCATTATTTACGAGCAAGATTT GATTGTAGCGCGTCTGCAACAGGATCCGCCGCGTAACGTTGAGGGTAGCGTTTATGATTTCGTTGCCGAAGGCATTGAAG  $\tt CTGGCGAAGGTTCAGGAACAGCTGGATCACCACAACCTGTGGCAGCTGGAAAACCGCATCAACGAAGTGCTGGCGCAACT$ GGGGTTAGATCCTAACGTTGCGCTGTCGTCGCTTTCCGGCGGCTGGTTGCGTAAAGCGGCATTAGGACGCGCGCTGGTGA AATTACAAAATGCCGAGTTCGATCGCAAACTGGCGCAGGAAGAGGTGTGGATCCGCCAGGGGATCAAAGCACGCCGTACC GATGCAGGTGGAAGAGGCCAGCCGCTCCGGTAAAATCGTTTTCGAAATGGAAGACGTTTGCTACCAGGTTAACGGTAAGC TTTCGATCAGCACCGCGGGAACTGGATCCCGATAAAACGGTGATGGATAACCTTGCCGAAGGTAAGCAAGAGGTGATGG TTAACGGCAAGCCACGCACGTATTGGGCTATTTGCAGGACTTTCTGTTCCATCCGAAACGGGCGATGACGCCGGTACGT TTAGCCACGATCGTCAGTTTGTCGATAACACCGTTACAGAATGTTGGATCTTCGAAGGCGGCGGTAAAATTGGTCGTTAT GTCGGCGGTTATCATGATGCCCGTGGTCAGCAAGAGCAGTATGTGGCGCTCAAACAGCCTGCGGTGAAAAAAACCGAAGA AGCCGCCGCGCAAAAGCAGAAACTGTAAAACGCAGCAGTAGCAAACTAAGCTATAAATTGCAGCGCGAACTGGAGCAGC GTATCTTGAAGCGTTAAAAAATGGTGGCTGATCGCAAAATAGTCGATTTAAACAGAGACAGCTGACAACGGTAAAATTGC ATGTGCGAACATCATGCCGCGAAGCACATCCTGTGCTCGCAGTGTGACATGCTGGTGGCGTTACCGCGCCTTGAGCA TGGTCAGAAAGCGGCATGTCCCCGGTGTGGCACAACGTTAACCGTGGCGTGGGATGCCCCTCGGCAGCGTCCCACCGCCT ATGCGTTGGCTGCACTGTTCATGCTGTTGCTGTCCAACTTGTTTCCTTTTGTGAATATGAACGTTGCAGGAGTTACCAGT GCAACTGGTTCCCGCGTTTTGTCTGATAACCATTCTGTTACTGGTGAATCGCGCGGAATTACCGGTCCGTTTAAAAGAGC  ${\tt AACTGGCACGGGTGCTTTTTCAACTCAAAACCTGGGGAATGGCGGAGATTTTCCTCGCGGGTGTGCTGGTCAGTTTCGTT}$ TTTTCAGTGCGTTGATCGTCGCTGGTTATGGGACGACATCGCCCCGATGCCAGAACTGCGCCAGCCGCTAAAACCAGGCG TGTAGTACCAAAGGGTACGTTCGGCGTAGAAACAGCCTGCAGTGGACACTCGCGCTGCTTGTAACGTCCATCATGCTGTA TTCTGTTATGGAGCGAAGGCTCTTATCCCGTCGCTGGCGTGATCTTTCTGGCCAGTATTATGGTGCCAACGTTAAAGATG TGTTGAGTTTGTAGGCCGCTGGTCGATGATTGACGTTTTCGTTATCGCGGTGCTCTCGGCGCTGGTGCGTATGGGAGGTT TAATGAGTATTTATCCGGCAATGGGTGCATTAATGTTTGCTTTAGTCGTCATAATGACAATGTTTTCTGCTATGACGTTT GACCCGCGTTTGTCGTGGGATCGTCAACCTGAATCAGAGCATGAGGAGTCCTGACAGTATGGAATCTAATAATGGGGAAG  ${\tt CCAAAATCCAGAAAGTGAAGAACTGGTCTCCCGTGTGGATATTTCCTATCGTCACGGCGCTCATTGGGGCCTGGGTTCTT}$ CATTAAAAGCCGTAGCGTTGACGTCGGCGTGGTTGAAAGCGCCACACTGGCTGATGATTTTGACGCACGTTGAAATCAAAG  $\tt CGCGGCTGAATTCCGGTATGGAAAAATTGCTGCATAAAGACACCGTCTTTTGGGTGGTGAAACCGCAGATTGGTCGCGAA$ GGGATTAGCGGCCTGGGAACGCTGCTGTCTGGAGTTTATATCGAACTGCAGCCAGGCGGAAAGGCAGCAAAATGGATAA ATACGATTTGCTGGACTCGCCACCGTTGGCCCCGCCTGATGCGAAAGGTATCCGTGTGATTCTCGATAGCAAAAAAAGCCG GGCAGCTCTCGCCAGGAGATCCGGTGCTGTTCCGTGGCTATCGGGTAGGTTCGGTTGAAACCAGCACCTTCGATACACAA AAACGCAATATCAGCTATCAACTGTTCATCAATGCACCTTATGACCGACTGGTGACCAACAATGTTCGCTTCTGGAAAGA TAGTGGCATTGCGGTTGATCTGACGTCAGCAGGGATGCGTGTGGAGATGGGCTCATTGACAACGCTGCTGAGTGGCGGTG TCAGCTTTGATGTGCCGGAAGGTCTGGATTTAGGGCAGCCAGTGGCACCGAAAACAGCTTTCGTTTTGTATGATGATCAG  ${\tt AAGAGCATTCAGGATTCGTTGTACACCGATCACATTGATTATCTGATGTTCTTTAAAGATTCGGTACGCGGTCTGCAACC}$  $\tt CATTTAACGATGATTACCGTATTCCGGTACTGATTCGTATCGAGCCAGAGCGGCTGAAAATGCAGCTTGGCGAAAATGCGCGAAAATGCGAGCTTGATTCGTATCGTATCGAGCCAGAGCGGCTGAAAATGCAGCTTGGCGAAAATGCGAGCTTGATTCGTATCGTATCGTATCGAGCCAGAGCGGCTGAAAATGCAGCTTGGCGAAAATGCGGAAAATGCAGCTTGATTCGTATCGTATCGTATCGAGCCAGAGCGGCTGAAAATGCAGCTTGGCGAAAATGCAGCTTGATTCGTA$ GATGTTGTTGAGCACCTTGGCGAATTGTTGAAACGTGGTTTACGCGGATCGCTGAAAACCGGAAACCTGGTCACTGGTGC  ${\tt ACTGTATGTTGATCTCGATTTCTATCCAAATACGCCTGCAATAACCGGTATTCGTGAATTTAATGGTTATCAGATTATCC}$  ${\tt CCGATGATTGAACAGCCACCAGTACGCTTTCTGAAAGTCAGCGCACAATGAAAAACCTGCAAACGACGCTGGATAGCAT}$ GAACAAGATCCTCGCTAGCCAGTCGATGCAGCAGTTGCCGACGGATATGCAGTCAACGTTGCGTGAATTGAATCGCAGCA TGCAGGGCTTCCAGCCTGGCTCCGCAGCCTACAACAAGATGGTGGCGGATATGCAGCGCCTTGATCAGGTGTTGCGAGAA  $\tt CTGCAACCGGTGCTGAAAACGCTCAATGAGAAGAGTAACGCGCTGGTATTTGAAGCGAAGGACAAAAAAGATCCAGAGCC$ AGCAGGTCACTGTTCCTGACTATCTGGCGGGGAATGGTGTGTTTATCAAACCAGTGATGTGAAGTATGTGATTGCCAAC AACAACTTGTGGGCCAGCCGTTGGATCAACAGTTGCGCAACACCCTGGTTGCCAACCTGAGTACGCAACTGCCCGGCTG GGTGGTTGCCTCCCAGCCTCTGGGAAGCGCCCAGGACACGCTCAATGTTACCGTAACGGAGTTTAACGGTCGCTATGATG GCAAGGTCATTGTCAGTGGTGAGTGGCTGTTGAACCACCAGGGACAACTGATCAAACGTCCGTTCCGTCTGGAAGGAGTG  $\tt CAAACTCAGGATGGTTACGATGAGATGGTTAAAGTGCTGGCCGGTGTCTGGAGTCAGGAAGCCGCTTCTATTGCACAAGA$ GATAAAGCGTCTACCTTAATTATAAAGATTTGTAAATATAACCGTCTCCGGTATGTTGCCTGAGGCGGTTTTTTTGTCTC TAACGTGCGGAAAAATTTGTTCCTCTCACATTTTTTGTACAACCGACATGCCCGTGTAGCTCACAAATATGACAGTGGC GTGAATTTTGCGCATTGACGGCAGTTATGATTCGCGGTATTGCTTAACTGTGATTGCACACTTTAGTAATCACTGTTTTCT TTTCCACCAGAAACCAGTATGAGGGAAACGAGGCATGAAGAGACAAAAACGAGATCGCCTGGAACGGCCACATCAACGTG GTTATCAGGCCGGCATCGCCGGACGCTCAAAAGAAATGTGTCCCTATCAGACGCTGAATCAAAGGTCACAATGGCTGGGA GGCTGGCGAGAAGCCATGGCGGACAGGGTAGTAATGGCCTGATTCTGTCTCTTTAAAAAGAAACCTCCGCATTGCGGAGG GTATAGATCAGACGACCATCAACCAGCACTTCGCCATCCGCCAGGCCCATAATCAGACGACGGTTAACAATGCGTTTAAA  $\tt CTTTACCTTCGCCGCCCAGCCGAGGTAGAACCCTACCAGCTGCCACATTGCGTCCAGGCCCAGGCATCCCGGCATACCAGGCCTACCAGGCCCAGGCCCAGGCCAGGCATCCCGGCATACCAGGCCTACCAGGCCCAGGCCCAGGCCAGGCATCCCGGCCATACCAGGCAGGCAGGC$ ACCGGATCGCCAATAAAGTGGCATCCGAAGAACCACAGATCCGGATTGATATCCAGTTCTGCTTCAACATACCCTTTGTC
GAAGTTACCACCCGTTTCGGTCATTTTGACCACACGGTCCATCATCAGCATGTTCGGTGCTGGCAATTGCGGGCCTTTAG AGCCTTATTTTATTGAAGCACGCAGGATAGCTAACACGTGTACGCTGAACAAGTCCGATCAGTTCGGAATAAACCAGTTC TGGTGAATTTGCCTTCTTCTACCGCTTTCACCAGTTCACTGTGAAGACTTAAATGGCGAACGTTAGCTGTGGGGATAATG GGGCGCAGAGTTCAGCCATCGAGGCACTATCTCCATCAACTTCACTGTATGACTGCTCAAATGTCAGCGATGCTGAGAAG GGGATCTGTTGCTCAAGCTGTAGTTCCGACATCAGGAACGCTTGCATGATCATCATCCCTTTCGCATGGATATTGCCGCC AAGCTCCGCTTTGCGTTCGATGTCGGTGAATTCACCATCGCCAATATGCACAACGCAGCTAATGCGAGAAGGTTCGCCAA ATTTGCTCCTGAAGGATCTCATCCTGCATACGTTCAGCGAGGAAACCTTCGCGCCCATTCACGCTGCTGCAGCATTAAGTT TAGCTGCTCGCCGGAGAAGGTGTCGCCATCACACAGGGAGGCGACCTCTTTACACTGGCGGAGGATCCACTGCGGGCTAA AAGTGATTATGTCTGGCGGTAAATGTCACCCAGCGACACCACTGGGTTACTGACTCCGCATCGACAATCTGCAGAGTATC TTCAAATTCGCTATAAATAGCCTGCTCTGAAAGCTCTGGCTCCATCTCCTGGAAATCAGCCAATGATTCGCGTTCGCCTA AAACGCTCGCGGTTAACGATATTTTTCAGCCGCATCCACAGCAGAGGTTGCGCCAGCAGTGTACGCAAAGAGATAATGAG AATAAGATTCAGATACTCAGACTCTTCCGGGGCCTTCGCCAGCATAAAAGAGGGGGGTGCTCGCGTATGCAGCAACTGCT  ${\tt TCCTGATAGCTATCGGTATCAGGAACCAGGTCACGCCATGCAAGTTTCGTAATGGTCAAAGTTGATGTTTTTTAGTCTGT}$ TGTCAAAGCCGCGATTATACCGTAACCGGCACTACAGCACACGTAGAAAGCACCGACAATACTCCTGGCATGGGCGTTAA AGCTCACAGGATGGAGATTCTTTTCTTCACTGGCCTAAAAAGCTGATATTCTGTAAAGAGTTACACGGTAACATTGAGAT AGTTAATCACCCGTTACATAGAAGCCAGTGCCGCCCAGGAAGCCGTCGATGTTTCCTCTCGCTGGAAAATGAACCCGTG  $\tt CTGGTAAATGGCTGGATTGACAAGCATATGAATCCGGAACTGGTCAATCGCATGAAGCAAACCATTCGGGCAAGACGAAA$ GTCTTGCGCAGCGTCGCGGTAAAACGCTTTCTGAAACGATTGTTCAGCTGATTGAAGATGCGGAAAACAAAGAGAAATAC GCGAATAAAATGTCTTCTCTGAAGCAGGATCTGCAGGCATTGCTGGGTAAGGAATAACTGACGAAAGTCAGTTCAATTTA  ${\tt CTAAAGGCAAAAAAAACCCCGCAGCAGCGGGGTTTTTCTACCAGACGAGAACTTAAGCCTGCGGCTGAGTTACAACGTCT}$ TTGATACCTTTAACTTCGATCTCTACGCGACGATCCGGAGCCAGGCAGTCGATCAGTGCAGCACGCTGTTTCACGTTGTC ACAGGTGTTGCCAGTAACCGGGTTGGATTCGCCCATACCACGTGCGGAGATCTTGTCTGCCGGGATACCTTTGGAGATCA TTTCAGGGTTGCTTTGTTGAAGTTGAACAGAACGTCAGACTTCAGAGTGAAGTGCTTGGTCTGTACTTCCGGTGCCGGAG  $\tt CTGGAGCCGGAGCAACTACTGGAGCTGCTTCGCCCTGACCGAAACGGTAGGAAACACCCAGGCTCAGCATGCCGTTGTCC$ GGACGAGTGCCGATGTTGTGCGTCACCGATGTTGTTGGTCCACTGGTATTCCAGACGGGTAGCGATTTCAGGAGTGAT  $\tt CGCGTACTCAACACCGCCAGCGAAGACCGGAGAAACGCCGGTGTCGTTTTTACCATAAACGTTGGATTTAGTGTCTG$ TGAAACCAGTGTCATGGTACTGGGACCAGCCCAGTTTAGCACCAGTGTACCAGGTGTTATCTTTCGGAGCGGCCTGCGCT  ${\tt ACGGTAGCGAAACCAGCCAGTGCCACTGCAATCGCGATAGCTGTCTTTTTCATTTTTTGCGCCTCGTTATCATCCAAAAT}$ ACGCCATGAATATCTCCAACGAGATAACACGGTTAAATCCTTCACCGGGGGATCTGCTCAATATTAACTCTACCGATATC TATGAAAAAAAAGTCTTGTATAAGGTATGTTTAATCTTTTTTGTCAGCGACAATTTACAGAAGAGAATCGCGGAAACCGC TTCAGACAAGCCTCCGCAAGGAAAATTAGTCACGACTGAAAGCATTGGCTGGGCGACAAAAAAAGTTCCAGGATTAATCC TAAATTTACTTAATGATACAAATTAGAGTGAATTTTTAGCCCGGAAAGTTGTCTCGTGGCGTGAGAGGATGCGCTTACCG GACGCATAATAAACCCCATAGCGTTACCTTCATTTGCCGCATCAACAAGTTCAGCATGCTCTTCTTCAGTCAAATCATCT GCCAACCAACCGATCACCACACTGTAATTGCCCGTGCGTAAAGCGCGAACCATTGACTCCACAGTGTGGCAAGGGGAGAG TCGCGATAGACAACTTCACTGATAAGCCCGGCTGTAGTGTTTTCCGTAGAGACACGCGCAATTTTACTTGCTGCGGATGA ACATCCAGTGACAACAAGATCAACCCTATTTTCGGAAAGAGCCTCGCAAATTTTGTCGTTGGTGACGGGAAAACATAAA TTAATCTTGCCCCTTAAGAATAAGTTGCCTATTTTCGTAGTTAACGGATCCGTTAATGTGAATCATTCTTTTATGTTATG ATTTTAAAAGGAATTTTATGAAAAGCCTCTCCTATAAGCGGATCTATAAATCACAAGAATACCTGGCAACGTTGGGCACA ATTGAATACCGATCATTGTTTGGCAGTTACAGCCTGACCGTTGACGACACGGTGTTTTGCGATGGTTTCTGATGGTGAGTT GTATCTTCGGGCTTGTGAGCAAAGTGCACAGTACTGTGTAAAACATCCGCCTGTCTGGCTGACATATAAAAAGTGTGGCC GATCCGTTACCCTCAATTACTATCGGGTTGATGAAAGTCTATGGCGAAATCAACTGAAGCTGGTGCGTCTGTCGAAATAT TCTCTCGATGCAGCGCTGAAAGAGAAAAGCACGCGCAATACCCGGGAAAGACTGAAAGATTTGCCCAATATGTCTTTTCA GACTGCGGCAGCAAAACAGTCTGGTGACAGAAAAGATTCTGTTTATGCTTGAAGGTGCCATTATCGGCATTCATGAAGCT  ${\tt CAGGTTGATGATGTAACGCGTCATCAACATAGCAAACTGCGTCATCAAGAAACGCCAGAATTTCAGGATTAGTTAACTGC}$ TCCCGGTGAGCACCGAGGGCTGAGATATAGCTGGTAAACGTATGGTTAAGGCACAGCAACCGAAACGCGGCTTCGCGAAT TTGCGGGGTAACGTTCGGCTCGCTGGACATATTTGATACCACCGACGCCAGCTCAGCATCACGGTTGTGTGCATCGCGGC GGGCAATACGATACGCCAGACGGTTATCACGCCCCTGATGGTATTGCTCCAGTATGGCATCGAGATACCGACAGTTGGCC TCTGTGGCGCGTTCGAGCATGCGCGGCAGATTGCGAAACTGCCAGTCAGGCCAGATGTAGCTCACTGCCGCCCACGCAAT GGCACAACCAATCAGCGTATCGATTACGCGAGGTAACGCTACTTCAAAACCTTCACCCAGTAAGTTAAAACACAGTAGCA  ${\tt CCAAAAGTGTGATGAACATCGTTGCATGAGCGTATTGCACGTTACGGAAGGCAAAAAAGAGCACGCCGGTAATAACCAGC}$  GATGCATTCCGGTTATCTGAATGATGGCGTAGCCGAAGCACACACCAGCGACATTCTTACCGCATGACGGAAGAGGGCG GATTCCGGCGTGAAGTGACGCTAAGACGCAGCCAGATATCACTCAACCCGTGCGGGCTGTCATCAGCGAGCTCATTTTC GTCATTATTATGGGGTAGTGCCTGGGCCTGTTCTGATTCAATTGTTGCCAGTTGGGCATCAATGGCGCGTAAATTGTTCA GCAAAAATCCCAGTGTTTTGAGTAAATCGGCGGGTGCGCCGTTATCGCGCATCCGCTCCAGCGCAGCATCAATATGCGTA AAAGCGCGCTCAAAATGCGGATCATGTTGATAAGGCTGACGCAACAAATACAGCGTGACAGTTGCTGGCACGCCTGGCC CTGCATCGACATCAGCCGCTGAAAACGGAACAGCACGTCGCTGTGGCGAAAATGTTCACGCAATGTTTGATACTGAATAT GAGAAGAGCTGGCACGCTCGTGAATATCCTGTGCGACAAAGTAATAATGCAGCGTGCGACGCGTTCCCCGTTGACCACGA TCGCCACGTAAGCGGGTCAGCAGCGAGAGTTTCGTCTGATTCAATGTCGCCATCAGCAGACCGTTGGCGAGAGCCAAATC GTACAGCGGTGCCTTGATCTTCAATATCAGGATCAAACATGCGCGACTTGAGCTCAAGATAACGCGCCAGTTGTT CAGCAATGCACCGAAGGCAATTGTTGCATAGCGTTGACCCAGACCGCCGAGCAAAATGAAGCCGCTGGTAGAGAGCGTTA AGCCAATCGCAAATAGCCAGGGCCAGGGAAACAGCAATTCTACTGAGGCCGAGGCGATAAAAAAAGCAGAACAGCGTAATG ATGAGGTTACGCAAACGTCCCGCCAGTCGGTCATCGAGATCGGTCAGCGCCGCTGCCACCATCCCCAGCGTTAGCGGAAT CGTCAGTTTTACATCACCCAGCCACCACGGAAACGCTGTGGTTCCACAAAGCGCAATAAAAATACGCGCGTAATACAGCC GCATTGGCTTCACGCGCAGCTTGCGCTGTTTCTACCGATACCACGCGACCAACCGGCCATAGTGCAATAGCGGCAAT TTTAAAGTTCGCAATGCCGACAGGAATGCCAATGATTGAAATACATTGTGCGATGCCCGTTGCAATGTGCATCAGGCATA ACCACCAGCCAAAGAAAATCAGCCAGAAAATATTCAATACCGTACCGCCAGTATTCAGCAGCACATTTTTGCCAGCCGGG TTCAGTTCATCGACATGAATAGCTTCATTGCCATAAGGCACCAGAGACAGTTTAGTGATCTCCCAGCAGGATCGTGTCAG AGTTCAGAATGTTCAAAACGGTACGCATAAAACCTCGCTTTACTGTGGTTTTTCAGTAATGGGCGGCAATTGTAACGTTTT TTTGGGCTGGAGCACGTTTTCTCTGACGGTTACACTGATAAGAAATAATTTCGTGTGGATCTACAGAGTCATGGAACTGA AAGCGACAACGCTTGGAAAACGTCTGGCACAGCACCCTTACGATCGGGCGGTGATCCTCAATGCCGGGATTAAAGTCTCC GGCGATCGCCACGAATACCTTATTCCTTTCAATCAATTACTGGCGATTCACTGTAAGCGCGGTCTGGTATGGGGCGAGCT GGAATTTGTACTGCCGGACGAAAAAGTGGTGCGTCTGCACGGCACCGAATGGGGCGAGACGCAGCGTTTTTACCATCATC  $\tt TTGATGCTCACTGGCGGCGGTGGAGTGGCGAGATGAGCGAAATTGCGTCTGGTGTTTTACGCCAGCAACTGGATTTGATT$ GCCACGCGCACTGGGGAAAATAAATGGCTGACGCGTGAGCAAACCTCTGGCGTGCAGCAACAAATCCGCCAGGCTTTGTC GGCGTTGCCGTTGCCGGTTAACCGACTGGAAGAATTCGATAACTGCCGTGAGGCGTGGCGTAAATGTCAGGCCTGGTTGA AAGATATTGAAAGCGCTCGGTTGCAGCATAACCAGGCGTATACCGAAGCCATGCTTACCGAGTATGCGGATTTTTTCCGC TGCAGGAAGCGGAAAAACGTCGGTGCTGGTGGCCCGTGCAGGCTGGTTGCTGGCGCGTGGTGAAGCGTCCCCTGAGCAAA TTTTATTGCTGGCGTTTGGTCGCAAAGCCGCTGAAGAGATGGACGAGCGGATTCGCGAACGGCTACATACCGAAGACATT  ${\tt ACCGCACGCACGTTTCATGCGCTGGCGCTGCATATTATTCAGCAGGGCAGCAAAAAAGTTCCGATAGTCAGCAAACTGGA}$  $\operatorname{GCTGGCGCAATGGCTGACGGAAGAAATGCAGTGGTCAGTGCCAGAAGGTAACTTCTGGGATGATGAAAAATTACAGCGT$ ACCCGAAGAGATTCGCGATCTGTTCAGTAAACGTATCAAGTTGATGGCCCCGTTATTAAAAGCCTGGAAAGGTGCGCTGA CAGTCAGACGACGTTGTTCGCTGTTGGTGATGACTGGCAGGCGATTTACCGATTCAGCGGTGCGCAAATGTCGCTCACCA GTGGCAAACCGGTTTATTCAGCAGAACCCAGGCCAGCTGAAAAAGCCGCTAAACAGCTTAACCAATGGAGACAAAAAAGC  ${\tt CGTCACGTTATTGGATGAGGGTCAACTTGACGCTTTGCTGGATAAGCTCTCTGGTTATGCCAAACCGGAAGAGCGCATTC}$ TGATCCTGGCGCGTTACCATCACATGAGGCCTGCCAGCCTGGAAAAAGCGGCAACACGCTGGCCGAAGTTGCAAATCGAC   ${\tt TCCGGCTGCGGCGCGGGAGTCGATTATGGAAGAGGCGCTACTGCCACCGGTTGAGGATTTCCCGGACGCTGAAGAACGGC}$ GGTTAATGTACGTGGCGCTGACCCGGGCACGCCATCGGGTATGGGCACTGTTTAACAAAGAGAATCCCTCTCCCTTTGTG GAAATACTGAAAAATCTGGATGTGCCGGTGGCGAGAAAACCGTAAGAAACAGGTGGCGTTTGCCACCTGTGCAATATTAC TTCAGACGGTCCGCGAGATAACGCTGATAATCGGGGGATCAGAATATCGACCGCGTCGTTGAAATGCGGCGACTGGATTAT GAAGTCTGCCGTTGCCACGTTGGTGGCGACCGGAATGTTCCATACCGTCGCCAGACGCAAGGCTTTCACGTCAGGAT CGTGCGGCACGCATTTAGTGGATCCCAGAAGAAAATCAATACATCAATTTTCCCTTCTGAGATCAATGCGCCAACCTGC TGGTCACCCCCATTGGGCCACTCAACATCGCGTTGACGTTCATGCCGGTCGCGGGGAAATTAAGTTACCGGTAGTGCC GTGCCACCAGCGCAATATGTTTCCGCGCAGGTAAAGTGCGAGTCGTCAGTTCCATAATGTACATCCGTAGTTAACTTTCC TACAGATTACTGTAAGCACTTATCGCTGCAAGATAAAGACCGAAAAAGCCTGCGCACAGGCACAAAAATCTCAGGAAGAT GGTTGTTTTTCCGCCCACTGCAGGAAAGTATTTCGCGTTTGTGGGTCAGCCAGTTTAAACCAATACTTCAGCCGTTGTTC TGTGAGCACCTGAGACTGCGGTGGAATAGCATCCAGCTCGGAAACACCCGAAAGCAGCGTACTGTCATCTGCCATCATCG ATCAAAATGGTTAGCTTCCCGCTCATTCTCCAGGCGAGGCGAGAAATTGACCTGGTTGATGAGCTGGGTATTAAAAC TGACCACCAGCGGTGGGGAGATATACAGCCGTTCTTCACTATTGGAAAGATGAATCGTCTTCTCAACGCGAAACACTAAC TGATGCGGTCCATTATCCAGTTCAATGCTGTCCGCACCGCGCAGCAGAGAGCTTGGAAACCTTCTTGCCGTCGAGTACCAG AAGATCGACATCGGTTGAAAGCCGCAGCGTGGTGGCAAAAACCGGATACCGGCAAACATAATGCAATCAAGGTGGTCACGA AACATATAGACATATTCCCGCTTTTGCTCTCATTCATTCGTATTAGCTGCATGGTTGGCATGTCGGCTTTGTCGTACAC TTTGTTAAACAGTCTGGAGGAAATAATGAAAGAAACCGATATTGCAGGCATTTTAACGTCCACTCACACCATTGCGCTGG TGGGGGCAAGCGACAACCCGATCGTCCCAGCTATCGCGTGATGAAATATCTACTCGACCAGGGGTATCACGTCATTCCG GTTTCGCCAAAAGTTGCCGGCAAAACGCTGCTGGGCCAGAAGGGGTATGGCACGCTGGCAGACGTTCCGGAAAAAGTCGA TATGGTCGATGTTTTCCGTAATTCAGAAGCGGCGTGGGGCGTGGCACAGGAAGCTATTGCCATTGGCGCGAAAACTCTCT GGATGCAACTGGGGGTGATTAATGAGCAAGCGGCAGTACTGGCACGGGATGCCGGGTTAAATGTGGTGATGGATCGCTGC  $\tt CCGGCTATTGAGATCCCTCGCCTGGCCTGGCCAAATAAAAAATCCCCGGAAGGCAAAAACCTTCCGGGGATTTGTTCAG$  ${\tt ACGTGATACCACGGAGCGCGCGAAGCTCGTCATTCACCGCCAGCTCATCAGGCGACGGTTCAGAGAGCGAATAAACCGG}$ GTCGATATCCACGACCACTCCGAGATAACCTAACAGGGAATGGCGGACCTGCTGGCCGATACCGAATTTGCTGGCAATCA TAGTCACCTCCCGGGAAATCTTTACCTTTGATATAAGGGTAAAATTCCACATTTCAAGTTACATGACGCGACAGGCAAAC  ${\tt CCTTTCAGATATAGCCCTTCCGGATAGGTAGCGATCACCGGATGATCGGCTGCCTGACGGAACTGCTCTATAAATTGTAC}$ TCAGGAGAATACCGCCTTCATTCAGCAGCTGAATCGCCAGCATGTTGATGTCTTTATAACCACGACACGCCCCATCAAC TGGCTTTTATTCTCAACAAACTTCGGCGGGTCCATCACGATAACGTCAAATTTTTCACCGCGATCGCGATAAGTACGCAG CAATTTAAAGACATCATCACGGACAAACTCAGCCTTGCTCAGATCCAGTTTGTTCAGCTCAACGTTCTGCCGTGCAATAT  ${\sf TAGGAGAACAGTTCAGCACACGTTTATTTTCAACGTAGCGGGGGGTAGCCAGGCGGCTATCACGCTGGTCCAGGTAGTA}$  $\tt GCCCGTTTTGTGTCCGTGCTGAATATCCACCAGCAGTTTCATTCCGTGTTCTTCAATCGGCAGCAGGGCAGGTGGCAACT$  $\tt CGCCGGTGACGGGCCCTGGGTCAGCTCCATTCCTTCTTTTTACGTACCGCGACGTCGCTGCGATCGTAAATCGAACAT$ TCCGGGTACAGCGTTTGCAGGGCACTAATTAATGCCGCGCGCTGATATTCTGCCCCAGCACTCAGCAGTTGCAGCACCAG AAAATTACCGAAACGATCGATAGTAATACCCGGCAGCCATCAGATTCTCCGGCGATTAAACGATAGCTGTCGAGGCCAT GGGTCAAACGTCCAGACGCGCGCCCGGATTTGCGAAGCTGGCGAATAAGCGCCGCGTGCTAACCATTTTCCCTGATGATC AACAATATCGATGGTTTCACCGAGGCTGGCTTTACCTTCCATGCGGGCAACGGCCCCGGAAAAGACCCACGGATGGCGAC
GAAGTAATGATTTTTCGCGCCCTTTGGCTAACACTAAACGTACACTCATAATTTACTTTTCTGTCGATGCAAAGAAATGG GCGTCATTGTCCGGAGTTTTCCATGGATTTGCAACGCGTCCATTAAGGATAAGGAGAGCAGCAATGTCGAAAGTCTGCAT AATTGCCTGGGTTTACGGGCGAGTTCAGGGCGTAGGATTTCGCTACACCACACACTACGAAGCGAAAAGACTGGGTTTAA  ${\tt CAGTGGTTAAAGAGTGGCGGCCCGCGTTCTGCGCGTGTAGAACGGGTGCTCAGCGAGCCGCATCATCCCTCGGGGGAATT}$ TCGGAAACAGTCGGTATAAATAGCGGCTGTTACCTTTTTCTTCGCCAAATTTATTCGCCATCGCTTTTACCAGCATACGA ATCGCCGGAGAAGTATTGAATTCCAGATAGAAATCACGCACAAAACGCACCACTTCCCAGTGTTCCGGTGACAGCGAAAT CGCATAAAGCGAGGCTATGAAAGTGTTAGCGGGTGAGATTAATCGCGGCTAGCGAAGCCCAGAATGCTCAGCAGGCTGAC ATATTCGCAACCATACCAATCAGCACCACCACAATACCCGCCATCAGCATACCGCCGAGGAACGACATATCTTTGCGGGT GGTCAGCACATATGCAGAGCAGCAGAAGAACACTAACGCCGTTCCGCCCAGTGCCATAGCGATTACGTCACCCATTCCGG CAGACAGATAGGTGTTCAGAATAGGTCCGAGGATATAACCCAGAAAACCGGTAAAGGCGAATGCGGAGATAATCCCGGTC  $\tt CCTTATGGGTGCTAAGCAGTGATGTACGGTCATGTGAAGAACTAACAATACGATCCATTGAGTCACTCTCTATGACAGAT$ GTAATTAATTAAGCAGCATAATGATAATGCGTAAGGGCACCCAGAAGTTTTACCCATCTTTACGCATTTGATCTGGAACA GGTTTAACAGCGGATTATCAGGTCATTAAGCAAATATAACGCCCTGAGAATTTCGACAGGCAAAAGAAAAAGGGGTTAGC ATTTAGCTAACCCCTTATCTTATTTGGCGGAAGCGCAGAGATTCGAACTCTGGAACCCTTTCGGGTCGCCGGTTTTCAAG ACCGGTGCCTTCAACCGCTCGGCCACACTTCCGGAATGACGCGCACTATAAACATCCCGATGCGGCGTGTAAACCCCCTAA TTTGTTTGTTTGCCTGAAAAACAGCCAAAAGTGCATTGATAGCGTGAAATAACAGCAGATTGATCATTTCATCACCATGA ATTCCTTCTCTTTTACTCGTTTAGCAACCGGCTAAACATCCCCACCGCCCGGCCAAAAGAAAAATAGGTCCATTTTTATC GCTAAAAGATAAATCCACACAGTTTGTATTGTTTTGTGCAAAAGTTTCACTACGCTTTATTAACAATACTTTCTGGCGAC GTGCGCCAGTGCAGAAGGATGAGCTTTCGTTTTCAGCATCTCACGTGAAGCGATGGTTTGCCTTGCTACAGGGACGTCGC TTGCCGACCATAAGCGCCCGGTGTCCTGCCGGTGTCGCAAGGAGGAGACGTGCGATATGAATAACGAGGAAACATTTT ATGCACCTGCTGTACCGAATCTTTTATCCGCTCCGCTCACCCACTGGCGAAGGACGTCATCCTTTCCCTGATTTCCCTCG AAATATATCCTCGCAGTAGAAGGTAATCCGCCGCTGGGCGAGCAGGGGATGTTCTGTATCAGCAGCGGTCGACCGTTTAT TGAGAAACTCAAACGTGCCGCTGCCGGAGCCAGCGCGATTATCGCCTGGGGAACCTGCGCGTCCTGGGGCTGCGTGCAGG CCGCGCGACCCAATCCGACGCAGGCAACGCCTATCGACAAAGTCATCACCGACAAACCCATTATCAAAGTACCTGGCTGC  ${\tt CCGTCCGCTGATGTTCTATGGTCAGCGAATCCACGATAAATGCTATCGCCGCGCCCACTTCGACGCCGGAGAGTTCGTCC}$ AGAGTTGGGATGATGACGCTGCCCGCAAAGGTTACTGCCTGTACAAAATGGGCTGCAAAGGGCCTACCACCTATAACGCC TGTTCCTCCACACGCTGGAATGATGGCGTTTCTTTCCCAATCCAGTCTGGTCACGGCTGCCTGGGCTGTCGCGAAAATGG TTTCTGGGATCGCGGTTCGTTCTACAGCCGCGTGGTCGATATTCCGCAAATGGGTACTCATTCCACCGCCGATACCGTCG GTTTAACCGCGCTTGGCGTGGTGGCAGCGGCTGTTGGTGTGCACGCAGTCGCCAGCGCCGTTGACCAGCGCAGACGTCAT AACCAGCAACCTACAGAAACCGAACATCAGCCAGGCAATGAGGATAAACAGGCATGAGCACTCAGTACGAAACTCAGGGA TACACCATCAATAATGCCGGACGCCGCTGGTGGTCGACCCGATTACGCGCATCGAAGGCCACATGCGCTGCGAAGTGAA TATTAACGATCAGAATGTGATCACCAATGCCGTCTCCTGCGGCACCATGTTTCGCGGGCTGGAGATCATCCTACAAGGGC GCCATCGAAGATGCTATCGGTATTAAAGTGCCGGACAACGCCAATATCATCCGCAACATTATGCTGGCAACGCTCTGGTG  $\tt CCACGATCATCTGGTGCACTTCTATCAGCTTGCCGGGATGGACTGGATCGATGTGTTAGATGCGCTGAAAGCCGACCCGC$ GGAAAACCTCCGAACTGGCGCAAAGTCTCTCCTCTTTGGCCGAAATCATCCCCTGGCTATTTCTTCGACGTACAAAACCGC AGAAGCTAACCTGATGGGCTTTGCCCACTATCTCGAAGCTCTCGATTTCCAGCGTGAAATTGTCAAAATCCACGCGGTCT TTGGCGGTAAAAACCCGCATCCAAACTGGATTGTCGGCGGGATGCCTTGCGCCATCAACATTGACGAAAGCGGCGCGCTC GGGGCAGTCAATATGGAACGCCTGAACCTGGTGCAGTCAATTATCACCCGCACGGCGGACTTCATTAACAACGTGATGAT GCTACGGCGCATTCCCGGATATTGCCAACGACTTTGGCGAGAAAAGTCTGCTGATGCCTGGCGGCGCGGTGATTAACGGC GACTTCAACAATGTGCTGCCAGTGGATTTGGTTGATCCGCAGCAGGTGCAGGAGTTTGTCGACCACGCCTGGTATCGATA TCCCAACGATCAGGTCGGCGTCATCCGTTCGATGGCATCACCGACCCGTGGTACAACCCCGGCGATGTCAAAGGCAGCG ATACCAACATTCAGCAGCTGAATGAACAGGAACGCTACTCGTGGATCAAAGCGCCACGCTGGCGCGCTAACGCGATGGAA GGCGTTGAACCTGCCGCTTTCCGGTATCCAGTCAACGTTAGGCCGCATTTTGTGCCGCGCGCACGAAGCGCAGTGGGCCG  ${\tt CAGGTAAGTTGCAGTATTTCTTCGACAAGCTGATGACCAACCTGAAAAACGGCAATCTCGCCACTGCTTCCACGGAAAAA}$ TGGGAACCTGCAACCTGGCCGACAGAGTGCCGTGGTGTCGGTTTTACCGAAGCGCCGCGGGGGCGTTAGGCCACTGGGC CGCCATTCGCGATGGCAAGATTGATCTCTACCAGTGCGTGGTGCCGACCACCTGGAACGCCAGCCCGCGCGATCCCAAAG GGCAGATTGGCGCTTATGAAGCGGCGCTGATGAACACCAAAATGGCGATCCCCGAGCAACCGCTGGAGATCCTGCGTACT GCGTTAACAGCGAAGGAGAATCATCATGCAACAGAAAAGCGACAACGTTGTCAGCCACTATGTCTTTGAAGCGCCAGTGC  $\tt GTCAGCGGCGAGGCGACGTATCTGTTCTATATGGGCTACATCAGGTTAATTCACTTCAGCGCCGGGATGGTTTTTACCGT$ GGTTTTGCTGATGCGGATCTACTGGGCTTTTGTTGGCAATCGATACTCCCGCGAGCTGTTTATCGTGCCGGTATGGCGTA AAAGCTGGTGGCAGGGCGTGTGGTATGAAATCCGCTGGTATCTGTTTCTGGCAAAACGTCCGAGTGCCGATATAGGCCAT A CATTCA CAGCTGGCATCGGCTGGGGATGTGGCTGATTGGCGCGTTTTGTGATCGGTCATGTCTACATGGCGCTGCGTGAAGACATCATGTCCGACGACACGGTGATCTCCACCATGGTCAACGGCTACCGTAGCCACAAATTTGGCAAAATAAGTAACAA GGAGCGTTCATGAGCGAGCAACGCGTGGTGGTCATGGGGCTGGGCCAACCTGCTGTGGGCCGATGAAGGCTTCGGCGTGCG GGTGGCGGAACGGCTGTATGCCCATTACCACTGGCCCGAGTATGTGGAGATTGTCGATGGCGGTACTCAGGGACTGAACT TGCTGGGGTATGTCGAAAGCGCCAGCCATCTGTTGATTCTCGATGCCATTGACTACGGGCTGGAACCTGGAACGCTGCGA  ${\tt ACCTATGCCGGAGAACGCATTCCGGCTTATCTCAGCGCGAAGAAAATGAGCCTGCATCAGAACAGTTTCTCCGAAGTGTT}$ GGCGCTGGCGGATATCCGCGGACATCTGCCAGCACATATTGCCCTCGTCGGTCTGCAACCCGCAATGCTCGACGACTACG GCGGTAGCCTGAGCGAACTGGCACGGGAGCAACTGCCCGCTGCGGAACAGGCGCGCTGCGCGCAGCTTGCTGCGTGGGGA GCGCGGCTGGACGCCAGTCAGTGAATCCCGTCTTGACGACTGGCTTACGCAAGCGCCAGACGGCGTGGTGTTATTAAGCA GTGACCCGAAACGCACGCCAGAGGTCAGCGATAATCCGGTAATGATTGGCGAATTACTGCGCGAGTTTCCCGACTATACA  $\tt TGGCAGGTGGCGATTGCTGACCTTGAGCAGAGCGAAGCCATCGGCGATCGCTTTTGGCGTCTTTCGCTTTCCTGCCACTTT$ AGTGTTTACCGGCGGAAACTATCGCGGCGTGCTGAATGGTATTCACCCGTGGGCGGAACTGATAAACCTGATGCGCGGGC TTGTCGAACCGCAGCAGGAGCGTGCCTCATGAGCGAACTTTTTTCCATCTGCTGGGGCCAGGAACGCAACCGAACGATG ACAGTTTCAGCATGAATCCACTGCCGATCACCTGTCAGGTGAATGATGAACCGAGTATGGCGGCCCTGGAGCAATGTGCT GCATTCAGCAGGCTGACACAGTGAAAGTGAAATACAGGAGGCGATCTTCTGCGGATTATGGCGGGTGCGCAGACGTCGC GGCGAAAAGTTGCTGGAGGACAAACTGGAGGCTGGCTGCGCGCCGCTGGCGTTGTGGCAGGCGCAACGCAAAATCTCTT GCCGACAGATTCGCTGTTACCGCCGCCCATTGATGGCCTGATGAATGGCCTACCGTTGGCGCATGAGTTACTGGCACATG CGTCTCTGTGGGCCGGGAAATATTCAGATTCGTACCATTGGCTATGGCGAGAGCTATATCAACGCCACGGGGTTACGCCA TGTCTGGCATTTACGCTGTACGGACACCTTAAAAGGCCCGTTACTGGAAAGTTATGAAATCTGCCCAATACCGGAAGTGG ACGTAAAAAGACGGTAAGTATCGCTTTCAGTCTTATGAATATCGCAATCGGCGAATACCTCTGGTCGTAGAGTTTCAGGA  TATTATGGAAACCATTTACGTGGTCACCGGCAAAACAATCTACCGCGATATGACGCGCTTCTGGGGTAAGCTCTTCGGTA TCAATTTTGCTCTTGGCGTGGCTACCGGCCTGACCATGGAGTTTCAGTTTGGTACTAACTGGTCATTCTATTCCAACTAT  $\tt GTGGGCGATATTTTTGGCGCACCGCTGGCGATGGAAGCATTAATGGCCTTCTTCCTCGAATCCACCTTTGTCGGGCTGTT$ ATGACCAGCTTCAGCGAGCTGGTCTTTAATCCGGTCAGCCAGGTGAAATTTGTGCACACCGTAATGGCGGGCTACGTGAC  $\tt CGGGGCCATGTTTATTATGGCGATCAGCGCCTGGTATTTACTGCGCGGACGGGAGCGCAATGTCGCATTACGCTCGTTTG$ GTACAACCGGTAAAACTGGCGGCGATGGAAGGGGAGTGGCAAACGGAACCTGCACCTTCCATGTGGTTGCCTG ATAAACCCGTGCCGGGTCTGAAGAATTTGATGGCTGAAACCTACCCACGCTTGCAACGCGGACGTATGGCCTGGCTGTTA CATGTTGCTCTCCCGCTATGCGCCGGATATGAATCATGTCACAGCCGCACAGTACCAGGCGGCGATGCGTGGCGCGATAC GATTGCGATTGAAGCCGGGTGGTTTATGACCGAGTTTGGTCGTCAGCCGTGGGCGATACAGGACATCTTACCGACATACT GCCGAAGTCTACCTGATGCAGAAATATGCCCGTCTGGGGCCGAGCGCGATGCAGAGTGAACAACCGACGCAGCAACAGGG GTAAAGGAGAAAATCATGTTTGATTATGAAACATTGCGCTTCATCTGGTGGCTGCTGATTGGCGTGATCCTGGTGGTCTT TATGATCTCCGACGGATTTGACATGGGGATCGGCTGTCTGCTGCCGCTGGTGGCGCGTAATGATGATGATGACGCCGGATAG TGATAAACAGCGTTGGTGCACACTGGGAAGGCAACCAGGTCTGGTTGATCCTCGCTGGTGGGGCATTATTTGCCGCCTGG GGCCTTTGATTATCGCGGAAAAATCGCCGATGCACGCTGGCGTAAAATGTGGGACGCCGGTCTGGTCATCGGCAGTCTGG TGCCGCCGGTAGTCTTCGGTATCGCCTTCGGCAACTTGTTGCTCGGCGTGCCGTTTGCCTTCACACCGCAATTACGCGTG GAGTATCTCGGCAGCTTCTGGCAACTGCTGACGCCATTCCCTTTATTGTGCGGATTGCTCAGCCTTGGGATGGTGATTTT GCAAGGTGGCGTCTGGTTACAACTGAAAACTGTTGGTGTGATTCATCTGCGTTCACAGCTGGCGACCAAACGCGCTGCAC TGTTGGTGATGCTGTGCTTTTTGCTGGCGGGTTACTGGCTGTGGGTCGGTATTGATGGCTTTGTACTGCTCGCCCAGGAT GCTAACGGTCCTTCCAATCCGTTAATGAAACTGGTGGCAGTGCTACCTGGTGCCTGGATGAATAATTTTGTCGAGTCGCC  $\tt CGTTTTGTGGATCTTCCCGCTGCTGGGATTCTTCTGCCCATTGCTGACGGTGATGGCGATTTATCGTGGTCGCCCGGGTT$ TCAAGCGTGAGTCCGATCTCCAGCCTGACGTTGTGGGACAGTACTTCCAGTCAGCTGACGCTGAGCATTATGTTGGTAAT CGTGCTGATATTTTTGCCCATTGTGTTGCTCTACACTCTCTGGAGCTACTACAAAATGTGGGGGCGCATGACAACAGAAA  $\tt CTCTCCGCCGTAACGAAACGAGTTGTACTAAGGAGCAGAAACAATGTGGTATTTACTTTGGTTCGTCGGCATTTTGTTG$ ATTAGCATCGCATCAGGCAATCAATAATGTCAGATATGAAAAGCGGAACATATCGATGAAAGCGATCTTAATCCCATTT TTATCTCTTCTGATTCCGTTAACCCCGCAATCTGCATTCGCTCAGAGTGAGCCGGAGCTGAAGCTGGAAAGTGTGGTGAT TGTCAGTCGTCATGGTGTGCTCCAACCAAGGCCACGCAACTGATGCAGGATGTCACCCCAGACGCATGGCCAACCT GGCCGGTAAAACTGGGTTGGCTGACACCGCGCGGGTGGTGAGCTAATCGCCTATCTCGGACATTACCAACGCCAGCGTCTG GTAGCCGACGGATTGCTGGCGAAAAAGGGCTGCCCGCAGTCTGGTCAGGTCGCGATTATTGCTGATGTCGACGAGCGTAC  ${\tt AGGGCAGGAGGGTCAATTGCTGACTTTACCGGGCATCGGCAAACGGCGTTTCGCGAACTGGAACGGGTGCTTAATTTTCC}$ GCAATCAAACTTGTGCCTTAAACGTGAGAAACAGGACGAAAGCTGTTCATTAACGCAGGCATTACCATCGGAACTCAAGG TGAGCGCCGACAATGTCTCATTAACCGGTGCGGTAAGCCTCGCATCAATGCTGACGGAGATATTTCTCCTGCAACAAGCA ATTTTATTTGCTACAACGCACGCCAGAGGTTGCCCGCAGCCGCGCCCCCGTTATTAGATTTGATCAAGACAGCGTTGA  ${\tt CGCCCCATCCACCGCAAAAACAGGCGTATGGTGTGACATTACCCACTTCAGTGCTGTTTATCGCCGGACACGATACTAAT}$  GGTGTTTGAACGCTGGCGTCGGCTAAGCGATAACAGCCAGTGGATTCAGGTTTCGCTGGTCTTCCAGACTTTACAGCAGA TGCGTGATAAAACGCCGCTGTCATTAAATACGCCGCCCGGAGAGGTGAAACTGACCCTGGCAGGATGTGAAGAGCGAAAT AAAAAAGAGCATTCAGTTACCTGAATGCTCTGAGGCTGATGACAAACGAAGAACTGTCTAATGCGTAGACCGGAAAAGGC GTTCACGCCGCATCCGGCCACTTTCAGTTTTACTCTTTCTCGGAGTAACTATAACCGTAATAGTTATAGCCGTAACTGTA ACAAACTCACCTCTTTGGCGGTGTTCAAGCCAAAACGCGCAACCAGGCTGGTGCCAACAGAACGCCCCACGACCGCG GCATCACTCACCGCCAGCATCGGCGGCGTATCGACAATCACCAGATCGTAATGGTCGTTCGCCCATTCCAGTAATTGACG AATGCTGGATCACTTTGTTGAGCTCATCTTTACCTGCCAGATATTCCGACAAGCCATGTTCATTACTCACGGTAAACAGG TGAACTGACAAACGTTTTACCACTGTCTGGCGTCGCACCGGTGATCATTAGAATGTTATTCTCCGTCTCCATCATAGCGA  ${\tt AATGCAGACTGGTTCGTAGCGCACGTACGGCTTCCACAGCAGAATCCGCCGGGTTATCCACCGCCAGGAAGGGGATATTT}$ TTAGTACGATGGCGCTGCTGATTAGAAAATAAATTTTTCTTACGCAGACGGGTGCGTTTATCCAGCCACTCGGACATTGG GATAGTGGCATAAACGCTGATGCCGTGCTCTTCCAGTTGTTCCGGGGCCTTCTACACCACGACGCAACATCGCACGCCCA GCACGGCACCCACAGAATAAACAGGCCAAGAATAAAACCAAGCCACGTTCAACGCTTTTTTCGGTTTCACTGGCTGC GGCTGAGTGACTGCCGGGTCGATAATCCGCACGTTACCAATGGCACTGGATTTCGAAATACTCAACTCCTGCTGGCGGTT AAGTAATTGCAGATATACCGCACGGCCCGCTTCTACGTCACGACTTAAACGCAACACTTCCTGTTGGGTGGAAGGCATTG  $\mathsf{TCTTTCTTATACAGCTGGGGGGGTCTCTCTCCCTCGCGGGGGGGTCAGCTCATTGGGTTGATTATCAACGTTCACAATCTGCTC$  ${\tt AAGAACGGCTTTGGCTTCCAGGTTAAGGTCAACCGAATCGCGCTGCTGGCGATAAACGTTGAGTTTTTCTTCCGCTTGGT}$ TTCTGTTGCAAATAGTTGTTAGCGATGCTGTTCAGAATACGAGTAATCAACTGGGGATCATCACCAGTCATGGTAAGTTC
GGCTCAGGACAAACTGTGTTCCTGGTTTGGCCTTAATGTCCGCGATAGTCAGCGCCAACGCCATCTTTTTCCAGACGCTGG  $\tt CCGACCATACCATTGACGGTGAACTCTTCACCTTCCAGTGTATAGTGGCCGTTTTCCCCAACCGTGAGTGTCAGTTGCTG$ CGCGACCCACAATCGGAAAATACTTCTGCTCAACTATGTCGCGCAGATTCAGTTCAGCAATGGTTTTACCGAGAATCATG  $\tt CGCGATTGCAGCAGTTGGATCTCCGGTGCAGACTCGGGCGATGAGTTAGGGATCATATCGCTCAGGCCGCTGAGAATGGC$ GTTGCCCTGTTTTTGCTCAACCTGGACCAGAGTATCTGCCTGATAAATTGGTGTGCTTAACAGCGAGTAAGCGACAGCGA TCATTTTCCTGAGTGCTGCCTGGTGGCGTATTCATATTTTTAGTTGTCATCGTATTTTATAAACTCAAATTACCGGCTGA GGCGCTTCGCCCATTCCTGACTGGCGCGCTCCAACATACCGTAGACATGTTCAAATGCGTCCTGACTTTTACGATAGGGA TCCGGGATCTCTTTCTGTTCCAGCCATTGCCCAAACAGCATTGTCTTCCCGCGGACCTCGGGAGCAATTGCGGTAACCTG AGCAATATGTTCCGACTCCATTGCCAGAATCAGATCGTAATTTCGTGCCATCTCAGCAGTGAGCTTACGTCCGGCATGTC  $\tt CTTCAAGAGATACGCCATGATTAGCGGCAACATCTGCCGCTGTCGCATCTGCAGGGTGTTTTACCAGACCATGAACACCT$ GCCGATTTGACTTTTACGCCCGGCAGACGTTTACGCAGCAAGCGCTCGCCAATGGGCGAACGGCAAATGTTGCCGGTACA AACCACCAGGATTGAGTTAAATTTTAGTTGGGCCATGTTTGAATCCACCGTGAAGTCTCTGTCAGGTCATGCACCCCGGA AATCGTCGGTACCAGCAGAGAAATCACACGGTTCCAACGAGCCAGCGGCGCGGTAGTGACATAAACAATGTCGTAAGGTT TGCTTGTTTTGCGTTGCACGAATAACAAAAATCCCCGTCGCATCAGCGACATCCTGATTCATACCCTCAGCGTTACCCAG GATCATCGTTGCGCGGAATAAATAAAATATCGCCCGGGTGCAGCAGTTTGTTCTGGCGCAAGTCGCCACGCTGCATCAGC GCATAGAGGTTCACTTTGGTCTTTACGCCATTCTGGGTGAGCACCACGTTGCGCCAGTCTGCATCTGCGGTCAGACCGCC CGTACGCTTTTTGCGATCGGAACGCCGCGACGCTGACATCGACTTGCGGGCTTTCAATGACTGAATCGAGACGCGCTGTA ATCTCGTTGCGTACCTGGGTAAGTGTTTTCCCGGCCACTTTCAGGCGACCAATATAGGGGTAGAAAATCGCACCATCGGC GTTAACCCAGTTGCCGGTATCACTGGCGCTACGGTATTGCCCTGCGGGGGTGGTTAGTTCCGGGTGATCCCAGACCGTAA GTCAGGTAGTTCAATGACATCCTTGTTACTGGTCGATAAATTCTGACCAGGAACAAGGGTACATGCTGTCAAAGACAGAA  ${\tt ACGTCAGGTTATTGTCCAACCGGTACTTCTCGCTCTGCCGTCATTGGATAGAGCTGGTATTTGCGTGACAGCATTTGTCC}$ ACCATCACGCGTCAATGGTGTCCACGAAACCACCGCGCGGTTGCGGTTAGGTCCAATGGTCATCAAGTCGAATGGAATCG AGATATAAAAACCTTTACTAAAGCCGCCTTCGCCGTAGTCATCTTTAGATACGTTACTGATTGCCGCCCATACCCCTACC GCCACGCCGCTGTCAAAGCGTTTGGCGACGTCGATCGTTGCGCCTTTATCTTTTGCCAGATATTGCCCAACGCTAAGTTT TCATGTTGTCCCAGTCACGTTGCTTCACGTAGTTAACGTCCACCCCAGCGCCCCAGCAGCATCTAGCGGGCGATAAAGC AGCTCGGAACCGACACCGGCGTACATCGTTTCCAGATAACCGCCATACACCTGGCCATAGAAACCATTGCCTAAGTCAGC TAGAGTCCGCGGGCAACAGCGAAGACTTAAACTTGTCGTAGTTGTTGTAAATATTGGTGAAAATACCGCCATCAAGCAGC  $\tt CTGTGAAAGTGTTGGGTTGAAAGAGTAGCTAAAGCGATCTTCACGAATACGGTAGCCCCGACCAAAGGCAGAAAGATCTT$  ${\tt TCGGTTTCGGTAGTCACCATCGCCATATGCTCGCGCTTTTGCGTCACGCTAATCTTCTCAACGCCTTGCGGCAGGTTATT}$ TATCGCGTAGCTGAATTTCTGGCGCGTCAAAGCCCGCGTTATACTTCAGGGCGGTAAGTTGGTTTGCTACCGTGGTGTAC TGCAATCCTTCAGATTCAGGCGCAGGTTGATATGCCGGTTTTGGCGTATCGCGCAGGGCAGGGCGCAGATCGTTGAAATT GGTCCGTAACGTGAAGCCAAACATCAACGTGTTACCGCGTTCATAACTCAGGTTGAGATCTGCCCAGCTGGCAGCGCGAT AAACTGCGCCGACGTTGAAATGGCTTGCCTGAGGCAGTTTGCCAGCGAAATCATTCTGGTAATTGTTTCCATCGTATTCG AGTTTCAGACGCAGGGGATTCCACGGCGTTTGATACTCAATGCCGCCAAAGATGGAAGCCGGGCCACGAAAGATATCGCT AAAGCTGATATCGCCCGCATCGTGAGACTCTGCGCGATGACAATATTTATCGCTCACCCGGCAAAACGGGTTGGTAATAT TCACCGTCAAACAGACCCGTACCAGCAATATCACGTTTACCAAACGCCACTTGCGGTAGCCAGTAACCTTCTTCCCACAG GCGAAGTTTAAAATCGAATGATTTGTCTTTGTATGACTGATCGCCGCTGAAATCTTCCCACTGGCTATATTTGCGTGTGC GCACATCCGTATAACGAATGGTGCCTTCCAGCCATGGGAACAGCGCCACGGAGGTGGAGTAGAACCGGTATTGATCGTTA TCCCGGTAGTTGACGCTGAATTCACCTTCCGGTGCGATGCGCGCATTTGGCATCTGCAACAATCCTGTGCCGCCAAAGTC TGATTGCGACGAACCCAGCGGATCCGGGTAGGTTAATACTTCAGCATGACAGGCACTGGAGACGGCAATGGCCAGGCAGC TTAAAAGATAAGAATTCTTCTTCATCAGTCAGGAACACGTTGCGTTAAAACAGACACAATCTGGTCATTTAAATCAGCAT AGGGCAACAGGGGCGACAGTCTCACCCTCAGGCGTAATCACCATAACGTTATTCTTGTCCGCGCCTGCAAGGCGGGG TAATAGTCACCGGACGCTGTACGGTATAGAGCGTATAGTCCCCGACCAACGGGGGGATTGCTGTTCTCATCCACTCGTACA AAATCAGGGTCCAGTTTGACCGGTAAGCGACCAGTGATATTGAGATTGAGTAACTGCTGGCGCACGGATTTAATCGTTGC  $\tt CGCCACATCGTCGTCAGCTTCTGCTTCCCAGGAAGCCAGCTGTGCCATGACATGTTGGTAGTCTTTAAGCGCTTTAGCTT$ TTTTCCACGGGGCCAACGGAAAGTGTCTGTTGTTCGCCAGGCAGATAAATAGTCACCGTTCCTTGCGCAAAGGCATGGGG TGTCATTACGTAAAGTACGCTGGCAATGAAATACGACTGTAATTTATTCATGGTGCGGGTTTAAGAAACGTCATTTCTAC GGGAATAACCCCTGCGCCTAACATTTGCCGACTTTGACGAACCTGGCCAGTAGCCGAATCGACCCAGAATGTGTTTTTGCC TCTAATCCAGCAAAGGAAAAGTAGAACTCAGGGTCGCAGAGCGAAAATGGTTGTCTTCACTCCAGAGAATATCGCGCGT TAAGTTTGACGGTTTTTAAAAGACGTCCATTGTGGGTAACCAGCATGGCGTTATCCTGGGATAACCATTTGCTTTGTTCT TGTTCTATATATCCCAGTACCACAAAGATTCGTTGCCCTTCATTAAGGCGTAAATACATAGTGGAATAAGGCAACGCCTG  AATGCAAATCTCTAAAGCCCGGTACGAATATCGCAACCGGGTATCATTTAACTTTAATTTCGACGCGTTAAAGCAGTATT AGCGTGTAGTGGACGTGGTTGAGGTGTTATGAGAACCGCCATCGCCACTGTCATTTGCTGCAACAACTGCCAACGTC GCCACACCAACAGCCGTTGCCACACCGACAACTGTCGCCGTGCCGACAGCGCCAGCACCACCACCAGTGGTAGTAGC AGTCGTGGTTGCGCCGGTAGTGGTCGTTGTGGTGCCAGTAGTACCCGTCGTTGCCTCGGTCCCGTTTGTTGCTTCAGGGG  $\tt CAGCAAACGCAGCTGGCGTCGTCAACATGAAGGCCATAAGGATTGCAGAAAGCTTGTGTTTCATAACTTTTCCTTTATTC$ ATCGCATGGACAATACGGGTGATGCTGCCAACTTACTGATTTAGTGTATGATGGTGTTTTTTGAGGTTCTCCAGTGGCTTC TGTTTCTATCAGCTGTCCCTCCTGTTCAGCTACTGACGGGTTGGTGCGTAACGGCAAAAGCACTGCCGGACATCAGCGCT ATCTCTGCTCTCACTGCCGTAAAACATGGCAACTGCAGTTCACTTACACCCGCTTCTCAACCCGGTACGCACCAGAAAATC TTTAAAAAACTCAGGCCGCAGTCGGTAACCTCGCGCATACAGCCGGGCAGTGACGTCATCGTCTGCGCGGAAATGGACGA ACAGTGGGGATACGTCGGGGCTAAATCGCGCCAGCGCTGGTTTTTACGCGTATGACAGGCTCCGGAAGACGGTTGTTG ATGACGGATGGCTGGCCGCTGTATGAATCCCGCCTGAAGGGAAAGCTGCACGTAATCAGCAAGCGATATACGCAGCGAAT TGAGCGGTATAACCTGAATCTGAGGCACCTGGCACGGCTGGGACGGAAGTCGCTGTCGTTCTCAAAATCGGTGGAGC TGAGATCAGGATTGTCTACTTTGAGTATAACATCCTTGTGAAATCTCCCTTTCCTCATACCGCTTGCACTATATACTGCG GGTAGGAAAGGCGCGCAGAGGGAAATATAAGATTGTTAACTATCCCCCTCTGGAAATACGACTTGTGAGCATAAGATAAA AAGTAACTGATGTTATAATGTATGATGTTGACTATTTCACTATTCCAATAAAACCAGTCAGCTTTAAACAAGCAGCGTCA TATTAAGAGAGATAAACATTTGCCGCTGTTGGTCCTCGCAGGCCATTTACGCGGCAAAATTCCACACGTAATCCTGGTAT GCTGCACTATACGGGGTTAATAAAATAAAGCCAGCGATATTTAAGACCGCCGGACGGCTAAAATAAAATTTGCTTAATCT CAAAATGAAGGAAGTAAAATATGTCTAATAAAATGACTGGTTTAGTAAAAATGGTTTAACGCAGATAAAGGTTTTGGCTTT AAATCAGAAAGTTGAATTTTCTATTGAGCAGGGGCAACGTGGCCCCGCGGCAGCGAACGTTGTTACGCTCTAAGGTTGCCATTATTACTCAACATCTCCATTTCCGCTGTCCATGTTGTCATGGTTCACAGTACCGCACATCGGCATTCGATGTGACGGA GCGAAACCCTTTGGGCGCTAAGTGTATTTTTTGTAAATCGACGATGATCACCTTTGATAACGTCGCGCTGCAAATACGCA  $\tt CTGACCATGCGCCGCTGGATTTCACAAAATAATATCAGGCTCCCTCGTGGAGCCTTTTTTATATCTGCCTTATTTTTCTT$  $\tt CCAGGGTACCGGGAACCAACACCTTACTGGCGTGTTTGCTGTCTTTTAAGACCAGAAGAGGGTTAACAGTGAATATTGAAGA$ GTTAAAAAAACAAGCCGAAACGGAAATCGCCGACTTTATCGCGCAAAAAATCGCCGAGCTGAACAAGAATACAGGGAAAG AAGTCTCTGAAATTCGCTTCACCGCACGAGAAAAAATGACCGGGCTTGAAAGTTATGATGTCAAAATCAAAATAATGTGA TTTTGTGAACATCACCCCGTGCGAGGTGATGTTCCGCTTGTTGCTAATTTAGTGACCAATCATTGGCGCTTGTGGAATTA AGCGTCGGTACAATTCCTCCGGCACCGGGCTTTGCCATACTCCCGCATACATTGCGTAACCAATCACCGCAAACATAATC  $\tt CGACCGGGATCCGTGATGGGCAATTTTTTGCGCATTTGCCACAGTCGATACAACTTTCGGCATTGCGACGAATCTTAAAC$ GGCGACAATAGCGAAACCACGCCCATCAGCGCGCCCATATGGGCAAAGATAACGACACCAGGCATGGCGAATAAACAGGCT ATCGCCGATTAATTCAGAAAGCGTACCAACCGGGCATAACCATGAGCAAAAGGCCTTTTTGAGTAATAGACTGATGACGA AGCCCGGCAATCGGTAGCCAGCCTTCGATACCTCCCGGTCTGGCGACAAATGTCGTGCTACTTGCCGTTTCGTAATAGCG CACCCAATACCAGAACGTGATGGCAATATAAATATTCATTGCCAACAGTAATAATTGCGTCGCTTTACGCCAGGTCGTGG ATGATTTTGCCAGTCCGTTAAGTTGTATACCAAATGCCACTATTCTAGTTGTTCTTAACTGGCTGATATTGATTCAAATC TAATGCTGCTCCAGTTGTGCGCATAGCTGGCTGGCGATATCCAGACTCCAGACTCGAGCAACTGCTTTTTAGCTGAT  $\tt GCGCGGCACGCTTTATTTTCTCGCTATCCTGACTGGCGCGGGCAATGTCGATTTCATCGAGAAGCGGCAGGGCATGTTGT$ GTAAATAATACCAGCCATTCGTGGATCTTCTCCGTCCCCATTAACTGAGCATCTTCATTGAGTTGCGATACATCCAGCGA TTGATCATTATTGACTTGCAGTTGGAGATAGTGCGCCAGTAACTGACCGAGCACTTCACGCGGCACCGGTTTAGGGATAA TCCCGCGGAATAATGAACTGGTACGCTGGCGCAGCGTTTCGTCAATGACATGGCCGCTAAAGCCAATCAAAACCAGCGAC GGATATTGCTGTGCCAGTTGTCGGGCAAGCGTAATGCCGTCGATATCCGGCAGATCAAAATCCACCAGTGCGGCAGCAAA CGGTTCGCTATTTTGCAGTGTCTCTAAAGCCTGCGCGCATTGCCAACAGCAACAATCTGCGCACCACTGGTTTTCAGCA TCTCAATGGTAATTCGCTGGGTTAGCGGGTTATCTTCAATTAACAGCAAACGTAAACCGTCAAGACGCACCGCCTGATTG TTACCTGCACAAATGGCTGGAAGATTTCTGCCAGTTTCGCGGGGATCAATACCGCAGCCGCTGTCTTCCACTTCGACCAGC  $\tt CATTGCTCGCCATCAGTGCGACTACGCAGGATAATGTACCCTTCGTCAGTAAAACGCAGGGCGTTGCTCAACAGGTTGGT$ TATAACCTGACGAATACGTCGTGGATCGCCCATTAACGCGCACGCCATATCATCGGCAATTGCCGTTGCCAGGCGAATCG GGCGACCTTTCACCCGTCCGCTCATTAATTGCAGGGTACTTTCCAGCAGCGGGCGCGGTTCAAAGGGCTCATCGCTGACC GAAACATTCTTGCCACCTGCTTCGATAGCGGAATAATCGAGAATATCGTTGAGGATGGTCAGCAACGATTCACCAGAGTC AGTAATTGCCCGCAAATCATCACGCTGGGCGTTAAGTGCGGGGTTATCTGCCAGCAGTTGAGCAGTGCCGAGAATACCGT GCCTGTCGGTGTTCTATCACCAGTTCCTGCAATTCAGCTGTACGCGCTTTGACCTGCGCCGCCAGCTGTTCGCGGTGGCG ATTCAGTGCATGAACATTGCTGCGAAACGCATCCATCAGCCGCCCGATGGTATCCAGCTCCCGTACGCCAGCGGTTTCCG GGAAAGGGGAGTCAATATCACCGTCCAGCAGCCGTTGCAGCGCCTTGCTTTGTTCGGCAAGTGGACGCGTGACTGAGCGA TAAACCACGCGCCAGAGGATCAGAATCAGTGCGCAAAGTGAAACCATCCCCAGCAATAACAGGCTGTATTGCCCGCGTGC ACTCGCTTTTTCCAGATGCGCCAGTCCGTGCTGATTACGCAGCTCAATGGTGTCGACCAGCTGACTTACTAA AGCAAATCGCTATATTGGCTAACGGTAGTTAACGTTGTTGCGACCTGCGCACGAACACCCGGATCTTCAATGCGTATTTG TCCTGTTGTTCAATAGCGGTGGTATCAAAACCTTGTTCCCGTAACGCTTGCAGCAACGCATTAATCTTCAGGCTTTGTGC GGTGAGCATTCGCCCCTGCGCCTGCCACATCTTTTCGTTATCGGCACTGGTCAGGTTCTGCGCGGCGAAAAGTTCCCAGG CGCTGGCTTCGCTCAACTGGCGCGCCATATTCATGGTAGGAATCAATGCCTGAGTGTTGTCTTTTTCCACCTGGCTGATA AAGCGCAGGTTGTACCATCCCACCAGGGTACTGGTCAGGGTTAACAGCGCCATCAGGGCAAAGCCCATCCAGAGTCTTCG GGTCAGGGTTAAATTCACGGTCGGTGCACTTTAGGTGAAAAAGGTTGAGTCGCAAAGCGGAATGCATCTAGCATAAAGCC TTATTATTGATGAGGCTATCATGCGCGTACTGCTATTTTTACTTCCCTTTTCATGTTGCCGGCATTTTCGGCTGAT GTGCGCGCTTTATCCCAGCCTGAAAGATTCATATTGGTTATCGTTGAACTATGGTATGCAGGAGGCTGCTCGCCGCTACG TGGGGCGCAGAGGCCATTTTGCTCGGTAGTAGCACGACCTCATTTCCCGACCTGCAAAAGCAGGTAGCAAGTCTGCCGGT GATCGAACTGGTAAATGCTATTGATGCTCCCCAGGTGAAAAGCCGCGTTGGTGTCCCTGGTTTCAGATGGGCTATCAAC AGTAAGGAGATGGTCGAGGGTTTTCGCGCAGCCATTGCCGGAAGCCCGGTGCGTATTGTTGATATTGCGCTTGGTGATAA  GTGTATCGCGGGCTGAAGCGGGGAAGAGTGATTATGGCTGCCAGCGATCAAATGGTCTGGCAGGGGGAACTGGCGGTTGA GCAGGCCATCAGGCAATTACAGGGGCAATCGGTTTCTGATAATGTCAGCCCACCGATTTTAGTTCTGACGCCGAAAAATG AAGAAATAACCTTCACCATGTTGCGTCACCAGTAAATCCGCGCTGAGTTTATGACGTAAACGACGAATTAACACATCGAC GGTGCGCAGGTCAGGGTTTTCCACCCGACGCGCAGAAAGCATACGTAGCAGACGTTCACGGCTGAGAATTTCGCCCGGAT TCGTCACAAATGCCACCAACATTTCATACTCTGCGCGGGTCAGTTTAATCGGCTCGCCATCCCGCTCCAGCGTATGGCGC GACACATTCAGGCAATAACCGGCAAAGCGATAGCAGTTGTCCTGAGTGTGCGGTTGAGCTTGTCGCGCGAGGTCGATTCG GCCCAACATACGGTCAATCCGATCGCTGCGTCCGGTAACCAGAATAATCCCCACCGTTGAGCGTTCTCGCAGGGCGCGG GTTAACATCAGGCCATTTTCATCGGGTAAGTTGATATCCAGCAGAATTAAATCTACCGACTGATTCTGCATAATTTCCCG
TAGCCCAGCACCGCTCGCCGTAACGGAAACGGTATACCCCTCCTGAGTGAAGTAGGATTGTAATCGCGCCTGGGTAACCG GCTCATCTTCAACAATAACAATGTGATGTGGCATCAGAGGGTTTTACTCATTCTGTTCATATCTGTTCATATTCTGCCGT AAGCCGTTCATCCTGACCAGTGCCGCTGTTCATATTTGCTCATTAAGATCGCTTCACTAAACCATAATTCTACAGGGGTT ATTATGCGGAAACTCTGGAACGCGCTACGCCGACCCAGTGCTCGTTGGTCGGTACTGGCGCTGGTCGCAATTGGGATTGT GATTGGCATTGCGCTGATTGTATTGCCACACGTTGGGATCAAAGTCACCAGCACCAACCGAATTTTGTGTCAGTTGCCACA GTATGCAACCGGTGTATGAAGAATATAAACAGTCGGTGCATTTCCAGAACGCCTCCGGCGTGCGAGCTGAATGCCATGAC TGTCATATCCCGCCGGATATTCCAGGCATGGTGAAGCGCAAACTGGAAGCGAGCAATGATATCTACCAGACCTTTATTGC ACAACTCGGCAACCTGCCGCTCCTGCCATAACTACGATGCGATGGATCATGCGAAGCAGCATCCTGAAGCAGCACGTCAG ATGAAGGTGGCAGCGAAAGATAATCAATCCTGCATCGACTGTCATAAAGGTATTGCCCACCAGTTACCGGATATGAGTAG CGGCTTCCGTAAGCAGTTCGATGAGCTGCGCGCCAGTGCTAATGACAGTGGTGACACGCTGTACTCTATTGATATTAAGC GGCGACTGGCTGCAAATTGAAATTACCGGCTGGACGGAAAGCGCCGGACGTCAGCGTGTACTCACCCAATTCCCAGGTAA ATACCGAGTGGAGCAAGTTGCAGGCCACTGCGTGGATGAAGAAAGGCGACATGGTGAACGATATCAAACCGATCTGGGCT TATGCGGATTCGTTGTACAACGGCACCTGTAACCAGTGCCACGGCGCACCGGAAATCGCCCACTTTGACGCTAACGGTTG GATCGGCACGCTCAACGGCATGATTGGCTTTACCAGTCTCGATAAACGTGAAGAACGCACCTTGTTGAAATATCTGCAAA  $\tt CGTGCGACTGCGGCGCAAGCGCGACTGACGCTGTCATCTCGAAAGAGGGCATTCTTACCGGGTCGCACTGGGGGGGCTAT$  ${\tt CCGCGCGACGGTGAAGGATGGTCGCTTTGTGGCGGCAAAACCGTTCGAACTGGATAAATATCCGTCGAAAATGATTGCCG}$ GATTGCCGGATCACGTACACACGCGCGCGCGTATTCGTTATCCGATGGTACGCGTGGACTGGCTGCGTAAGCGCCATCTC AGCGATACCTCCCAGCGCGTGATAACCGTTTTGTGCGCGTGAGCTGGGATGAAGCCCTCGACATGTTCTATGAAGAACT GGAACGCGTGCAGAAAACTCACGGGCCGAGTGCCTTGCTGACCGCCAGTGGTTGGCAATCGACGGGGATGTTCCATAACG CAAAACCATTGTGCTGTGGGGCTCCGATTTGCTGAAAAACCAGCAAGCGAACTGGTGGTGCCCGGATCACGATGTTTATG  ${\tt AATATTACGCGCAGCTAAAAGCGAAAGTCGCCGCCGGTGAAATTGAGGTCATCAGCATCGATCCGGTTGTCACATCCACC}$ ACATACGCTGTACAGTGAAAACCTGTACGACAAAAACTTCCTTGCTAACTACTGTGTGGGGTTTTGAGCAGTTCCTGCCGT ATCTGCTGGGTGAGAAAGACGGTCAGCCGAAAGATGCCGCATGGGCTGAAAAACTGACCGGCATTGATGCCGAAACCATT GGCACTACAACGGCGCAGGCACGCCGGGCGTAAAGGCGTTATTCTGAGTGGTTTCTCCGGCTCTACGTCGATTCCGCCT GTTCACGACACAGTGACTACAAAGGCTACAGCAGCACTATTCCGATTGCCCGTTTTATCGATGCGATCCTCGAACCGGG GAAAGTGATCAACTGGAACGGTAAATCGGTAAAACTGCCGCCGCTGAAAATGTGTATTTTTGCCGGAACTAACCCATTCC ATCGCCATCAGCAGATCAACCGCATTATTGAAGGCTTGCGCAAGCTGGAAACGGTTATCGCCATAGATAACCAGTGGACC TCAACCTGCCGCTTTGCCGATATCGTACTGCCTGCGACCACGCAGTTTGAGCGTAACGATCTCGACCAGTACGGCAATCA GAAGGTGTACAGCAAGGCAAAGGACGCGGCGTTCATCTGCCAGCGTTTGATGACTTCTGGAATAACAAAGAGTACGTCGA GTTTGACCATCCGCAGATGTTTGTTCGCCACCAGGCATTCCGCGAAGATCCGGATCTCGAACCGCTGGGCACGCCGAGTG ATGCCAGCGCGCGCGTATTCGTAACGGTGATGTGGTACGCGTCTTTAACGCTCGCGGTCAGGTGTTGGCAGGGGCAGTG GTTTCTGACCGCTATGCACCCGGCGTGGCACGAATTCACGAAGGGGCCATGGTACGATCCAGATAAAGGCGGCGAGCCTGG TGCGCTGTGCAAATACGGTAACCCCAACGTGTTGACCATCGACATCGGTACATCGCAGCTGGCGCAGGCGACCAGTGCGC GCGCAGTGCGAATATGTTCCCGCGTCGCAGGTGAAATCATGACCACGCTGACAGCACAACAGATTGCCTGTGTTTACGCC TGGCTAGCGCAGTTGTTCTCCCGTGAGCTGGACGATGAACAACTGACGCAAATCGCCAGTGCGCAGATGGCTGAATGGTT TTCGTTGCTGAAAAGCGAACCGCCGCTCACTGCGGCGGTGAACGACTGGAAAACCGTATTGCCACGCTGACAGTACGTG  ${\tt TCGGCCTACAAACAGGACGAGCAAGAGATTAAACGCTTGTTAGTTGAGGCAGGGATGGAAACCAGCGGCAATTTCAACGA}$ GAAGAATCGACAGTTTGCGGCAAAAAACACTGACGGCGCTGTGGCAATGGTTACCAGAGTTTGTTGCGCGTTGTCGTCAG TATGACAGCTTTGGTTTTTACGCGGCACTAAGCCAGTTATTGCTGGTGTTAGTGGAGTGCGACCACAAACAGATAACG  ${\tt TCGTTTGTGCGCCTGAAAAGACGCGTTTAGCGTCGCATCAGGCATTATGGCGCAGTTGCCGGATGCGGCGTGAACGTCTT}$ ATCCGGCCCACAGGAACTGTAATCTTTGTAGACCGGTTAAGATGCGTCATCGCATCCGGCAAACACACATCACGGATGAG TGCCGGTATGCAGGCAAAATTCGGTAATAGTAAAAGTCACCGTAACATTAGCCATTATGCTTTCCCCCAATCTTTACGTG GATCAAAAGACGACTGGGCGTCTGCCAGTTGCTGCCACAGCGCGGCAGTGTTTTCATCCGGTTTCGGCGGCATCACGATT TTCAGTACCGCATACAGATCGCCGGTCTGTTTTTTGCTCACCAGACCTTTGCCTTTAACGCGCAATCGTTGCCCGGCCTG GCTGCCTGGCGGGATAGTCAGCAAAATGCTTTCTTTCAGTGTTGGAACGGTGACTTTAGCACCCAGCGCCGCTTCCCACG GGCTAACCGGCACAATTTCCAGATCCTGGCCGACAATATCAAACAGCGGATGTGGCGCAATATGAATCACCAGCCAC AAATCGCCATTTGGACCGCCGTTTTCGCCCGGCGTCCCCTGGCCTTTCAGACGGATGCGTTGACCATTGCCGACGCCCGC  $\tt CGGGATCTTCACATTCAGCGTTTTCGGAATTTCCTGTTCGATCATGCCAAAGGCGTTATAAACCGGCAGGTTATAGCTGATCATGATCATGCTGATCATGCTGATCATGCTGATCATGCTGATCATGCTGATCATGCTGATCATGCTGATCATGCTGATCATGCTGATCATGCTGATCATGCTGATCATGATCATGCTGATCATGCTGATCATGCTGATCATGCTGATCATGCTGATCATGATCATGCTGATCATGATGATCATGA$ TGGTACGCTTATGCTCAGTAAGCGTTTCTTCGAGGAATACCGCCACTTCGATTTCAATATCGTGGCCGCGTGTGGCGGGG CGTTGACGGCTCTGGCGGCATGCTGACCGAAAATTGACGAGAAGATATCGTCAAAATCTTCGGCGTTAAAACTCTGACC  $\tt GTCGCCATGGTGGAACTGACGGTTAAATTGCGGATCGTTGCGATGTTGCCACATCTGATCATACTCAGCGCGACGTTGTT$ ATCCTTTAATTCCATAGCGTTATCTCGCGTAAATCAACACAAATTGAAGGAACCCCTGTAAGGTAACTCCTATAAGTGTA GGGTAATCCTCAAAATTTCATATGCCAACACAGAATATGTTATTGAAATCATCGCGGAGAGGGGTCGCCATCAAGATGG GTTGCTGAACATATTTTAAACAGGTGAAAAAGGGTGAGCGATTTTTGATAGTTGAACCAGGCACTTTAAGTTTAACTAGG GCGTCATTATTATAAATTTTATAGACGCTATATATGGGTAGTAATATACATGGAATTAGTTGCACTGCAAATAATTAT TTGAAACAGGCCTGGAACGATATAAAAAATGAGTACGAAAAAAATCAAACATATTCAATCACGCTTTTTGAAAACACACT GGTGTGTTTTATGCGGTTATACAATGAACTCAGACGTAAAGTAAATGAAGAGGGATACTCCATGTCTGGAATGTGAATCAC ATTTATTCAGGGGTTTCAGGAGGTATTACATATACTATACAATATGTTCGAGATATTGATATTGTTAGAGTGTCCTTGCC GGGCAGAGCTTCAGAGTCTATCACAGATTTTAAAGGTTATTATTGGTATAACTTTATGGAGTATATTGAAAACATTAATG ATATCTGATTTGGATTCTGACATTGATTTGTCTGGTATATCTTTTATTCAGCGTGAAACTAACCAGGCATTAGGATTAAA ATATGCTCCTGTAGATGGCGATGGATATTGTCTGTTAAGAGCTATACTGGTTTTAAAACAACATGATTATTCATGGGCGC TGGTCAGTTATAAGATGCAAAAGGAAGTTTACAACGAATTCATTAAAATGGTTGATAAAAAAACGATCGAGGCTCTTGTT GATACGGCATTCTATAATCTCAGGGAAGATGTAAAGACGTTATTTGGCGTTGATCTACAATCTGACAACCAAATTCAGGG GCAGAGTAGTCTTATGTCATGGAGCTTTCTGTTTTTTAAAAAAACAATTCATTGATAGTTGCTTGAATAACGAAAAATGTA  $\tt CTTGGGGAATGAATCCTTTTCAACAGATGAAGATCTTGAGTATGGTTATTTAATGAACACTGGCAATCATTATGACGTTT$ TATGCAATTTAATGGCAAAGGCATATGCTAAAAACCATTGTTATTAGTCTCACACTTTTTTATTGGTAAATATTGTCTCT GTATTGGTAACGCCGCAGATATTCTGTTTAGCCACAGGTGCAATTATCAGCGGCGTACGCGAGGCAGGGGCTAATCAGGC ATAGTTTGCGTCAAACCTTGCCTGTTTTTGAAGATGTATATAGAAAAACAGGCGTTCAACAAGCCATTTTGCGAACCTGT TCGCCGCAGCTGTGGCAGGGATAGTTTTACTCGCTTCAAACGCTCAGGCACAAACCGTACCGGAAGGCTATCAGCTACAG CAAGTGCTCATGATGAGCCGCCATAACTTACGTGCGCCGCTGGCGAACAATGGCAGTGTGCTGGAGCAGTCGACGCCGAA TAAATGGCCAGAATGGGACGTCCCCGGTGGGCAACTCACCACCAAAGGTGGCGTGCTCGAAGTGTATATGGGCCATTACA TGCGTGAATGGCTGGCAGAGCAGGGGATGGTGAAATCGGGGGGAATGCCCGCCGCCGCCGTACACCGTTTATGCCTATGCCAAT GGAAAAAATGGGCACTATGGACCCAACCTTTAACCCGGTGATCACCGATGATTCCGCCGCATTCAGTGAACAGGCGGTGG  ${\tt CGGCAATGGAGAAGAGCTCAGCAAACTCCAGCTTACCGACAGCTACCAGCTACTGGAAAAAATCGTTAACTATAAAGAT}$ TCCCCTGCCTGTAAAGAGAAACAACAGTGTTCGCTGGTGGATGGCAAAAATACCTTTAGCGCCAAGTATCAACAAGAACC AGGTGTTTCCGGGCCGCTGAAAGTCGGCAACTCGCTGGTAGATGCGTTTACTTTGCAATATTACGAAGGTTTTCCGATGG ATCAGGTGGCCTGGGGAGAATCAAATCTGACCAGCAGTGGAAGGTGTTGTCGAAGCTTAAAAACGGCTACCAGGACAGC CTGTTTACCTCACCGGAAGTGCCGCCAATGTTGCGAAACCGCTGGTCAGTTATATCGACAAAGCTCTGGTCACCGATCG CGTATCAGTTGCATGACCAGAACGCACGCCGATTGGCGCAAAATCGTTTTCCAGCGTTGGCATGACAGCAAAGCC AATCGCGATTTGATGAAAATTGAATATGTGTATCAGAGTGCGGAACAGTTACGTAATGCCGATGCGTTAACCCTGCAGGC  $\tt GCGTGTTGAATGAAGCGGTGAAATAACAGAAAACTCCCCCGCGAGAAGCGGGGGGAGTCGCTGGTTAAACGTTTTTACGTT$  $\tt CGATGGTCTGTTCGCCCCAAAAAAGCGAATCTTTATCGGTCTTAGCAAAGGCTTTGACTAACACTTCATCACTACCTTCT$ TCCCAAATCTTTTCCGCCATTTTTTCGTCGTACCCGGCGACTTCGAAAATGGCCTCGGCTATTTCCGGCGACGTATTGCG  ${\tt CAGAGATGCCCATTCACCGACGTGATGAGCTTTCGCTTCTTGAGTTGGCATGCGTATCCTCCTGTTGAAGATTAGCCGTT}$ AGTACCGGTGGAACTAAAGACGCTCGCCAGTTTTCCGTATAGTGCGCCGGAAGCCCACAGGCCGCCCGTCTGGTCGAGGA AGGTACGCATTTGACCGGACATGTTGCCAAAGCGGGTAGGTGTACCAAAAATAATGGCGTCGTAATCGGCCAGTTCTTGC GGGGTTGCAACCGGTGCAGTTTTGCGTTTTACCGCCTGCTTTTTCAAATAATTGCGGCGGCATGGTTTCCGGTACACGCTT AACGACAACTTCAGCGCCATCCACTTTGCTTGCACCCTCAGCGACTGCGCGTGCCATCGTTTCAATATGTCCGTACATGG AATAATAAAGCACCAGAACTTTAGCCATTTCTAACCACTCCTCGTGTTATCTCTATTCCGTAGCGATTCGCTACCACTTA TTTAAAGATAAGACGTCCTTTTCAGAGTGCAAATTTCACAACCACTTATTTGATTTATAACAACTTTCACAAGCACGTAA TTTTGTCGCAAAATGACACATTTTTATCTCATCGCGTTTTTTTAATCATAAGAGCGGCTTATGGATAATTATTGGAGATG ATATCTATTCTCGCTAAGAAGCTGTTGCAGGATATTACCAAACGCGGGTCTGCCCGCGTCAGTTCACTAAGCTTAGTCCC ACGTAGCGAAAATATGGCAGCCGCCATACGCCGCGTTAATTCTATGCAATATGATGTCTATACCCAGACGGAGGTCAGTA GCACAGCGGGGTAATTTCAAGAATGACCCGCAGCGCGCATCTGAAGCAGGTAAAAAAGGTGGTAAGAGCAGTCACGGCA AAAGCGACAACTAGCCGGGCTAATCAATGACGAATGCATTTTTGTCTGTAGCTCGTCAAAAAGCCATCACCGCCGGTTAC  ${\tt CCGGTGGTTGATACTGATGACAAATGTAAGCTTGCCTGATGCGCGATGCTTATCAGGCCTACCAGAAGATTGCAATATAT}$ TGAATTTGCACTGTTTTGTAGGCCGGATAAGGCGTTTACGCCGCATCCGGCATGAACAATGCGTACGTTGTCAACAATCT 

GCAAAATCACCCGCGCCCAGCACTAAGGTTACTGCGACCATAATCAAATTACCGTTCTGGCTTAAATCGACACGGTTTTG TACCCATATCCTTGCGCCTGCGACGGCAATCAGCCCGAACACAACAATTGATGCACCACCAATAACCGCGGCCGGAATGG TAGACTTTGGTCACGGCCATCACACCGATATTTTCAGCATAGGTGGTCACGCCGCTACCGCCGACAGAGCCGGAAAGCAT CGTTGCCAGACCATCGCCTACGAATGCCCGCCCCATATACGGGTCCATATTGCGTCCGGTCATCCCGGCGACTGCCTTGA GATGACCTAAGTTTTCCGCCACCAGAATCACCGCCACGGGCGCAATCAGCATCATTGCCTGACCATTAAAAGCAGGAGTG GAAAAATGTGGCAGACCGAACCAGGCATGGCTGACGAGAGTAAAATCGACGGCTTTTCCCAGCCCTAAAACGTTGGT CATCACGCCATACAGCAGACAGGCGACAATTAATCCTACGAGAATCAATAACCGCTGGATCATGCCACGGGTAAACACCG GGCGCTAAGTTCAGGCCAATCGCCATCACCACCGCACCCGTCACCACCGGCGCATCAGTCGTTCAATCCAGCGCGTACC GATTTTCATCACCACCAGGCCAATGACGGTATAAACCAGCCCACAGGCGATAATCCCGCCCAGCGCAATGCTGATATTCG GGTTAATGCCCTGACCGTTAAAGCCCGTCGCGGCGATCACCACGCCGACAAAAGCCCGCGCTGGAGCCGAGATAACTGGGG ACGCGCCCGCCGGTAATAAAGAAAAACAGTAACGTGCCGATCCCCGACATTAAAATGGAAAGATTGGGATCCAGCCCCAT ATCGTTCATCCGGCGCGCCACCACGCCGCTCTCTGTAGAGGTCGATTTTAACTGCCAGTGAGGAAAACCGAACATTGCCATC GTGGTGTGACGATGAATCGCTTCGATGGCGCAAAACAGAATGTCGTGGGTGCCGACGCTCACCACCTGGCTGATACGGCA  $\tt CCATGGGCGTTTTGCCGCCAAAAAGGTTTGAAAGCGGCTCCTGCCCGGCGCTAAGTGTATTTACACACAGCGTTCGATTT$ TCATTGAATGCCGGCCAGACGCCCCACGATTCAGGCACACCAGTAATGTGGGCGGCGTATCGGTCACACTGCAGAC TGGCAGGCGCGCATAAAGCTTGCTGCTATCGCCATAGCCGATATTAATCAGCAGATTGCTCTTCAGCGTGCTGCCCGTAA ATCACCGTGGGGAAACAGTAGTGGTAACCGTTCATAAAATTCACTGTCCCAGGCGACGATAGCGGTGACGGCGCGGTCA GCCGGAGAACAGTTAGCTGATGTCGGCCCCCATTTCATCAGGGCATAAATCTCCCGTAACGTCTCATCGCTGACGGGTGT TTCCTTACAGGGCGGCTTCACGGTGATGTAACAGGCTGGCAAGCCCGTTGAGTAACAGAGCATTAAACGTTTCGGGATCG GTCACGTTGCAGGCGTGTCCGCCATAGGGCATCACCATTTTCTGGCTATCGGGCAGGGCGGCATGAAGTTCACTGGAACA TGCTGTTGGCACCAGCAGATCATCACTGGCGCAGATGATTTGCACCGGGCAGCGGATGCGATCCGCATGGTGACTAAAGT TCAGCACAGTTACCGACGCGGGATAATCCAGCGCCAGCTGCATTCCCACCAGCGCACCGAGCGCATGGCCGACCACTGCG GTCGGGATTATTGCCGGTGCCGCTGGTCGTAACAGACTACCTGATACTCCTGCTCCAGCACCGCCAGTTGCGGTAACC AGTAACTGCCGCTACCCCCAAGACCCGAAATCAACACCACTACGGGCGCATCAGCATAAGGGGGGAGGTGAGAGTGAAAGT TTCATCGCGGCCTCACTTGGCGATATGCGCAATTGTGGCGATTTCCACCAGCGCGTCAGGTTTTACCAGTCCGCACTGAA TGCAGAATCGCGCCGGTTTATCACCCGGAAAAAACTCGGCGTAGATTTCGTTAATCGCGGCGTAATTTTTCCAGTCGGTA ATAAAGATGCTGTTGAAGGTCACATCCGCCATCGTGCCACCGCCGTCTCGATCACCTTGCGGATAGTTTCCAGAACGTG GTTAAACTCCTTAAGCGATATGAGCAAAGGACGTGGGAGAAAGCGCGTCGCAGAATGTTTCGACGTCGCTGACCCAGCCA  ${\tt AAAAAGGTTTCGATATTGAACACGCGGCTTTCTGCGCAAATTTCGGCCCCGCCTGGTGAGTTGCGTCTTCAAGCACCAC}$ GCCGAAATACTCCAGAAAAAAGCCGTCGCGTAGCGTCGATTCGACGCAGACGTTGGTAGCGATGCCGGTGAAAACCAGAT GGCGTATTCCGCGGCTGCGCAAAATGCTGTCCAGCGCGCGTATTGAAGAAACCGCTGTAGCGCGGCTTCGGCAGCACAATA TCGCCAGGCTGCGGCACCAGTTCATCCACCAGTTGATAATCCCAGGAGCCTTTCGCCAGCAATTTCCCCTGCAGCTGCGG  $\tt CTGCTTACGCATGGTTTCAGGGCGTTCGATTTATGAAAATTCGGTGAGCCGGGTCCGCCAGCCTCGACATACTGTTCAT$  $\operatorname{GGGCGAGTGGTTGAGACATCAAACCCGGCGAGATCTAAGTAGCCGCCTGGCGTGGCATAAGCGTTTTGCATATCCACCAC$ GATCAGCGCACTTTGCTGCGGATCGAAGGTAATGGCTTCCGGTCGAGCGGTTAAGGTCGTCATCATGCCACCTCCTGAGT  $\tt CAGCGCAGGTAGATGGGCGCGCATTGCATCAGTGGTTGAATGCGCTCGCCGAAGGTTTCGATTCCCGACAGAAAATCGT$ ACTAACGTCCCCATATTGATGTTTACCGCCGAAGTGGGATCGGCCATCTGACGAACGTTGGTGTCAGTACCGGAGCGGGT ATCTTTCTGACTTTGTCGGTTAGCCAGCTTAACGCCTCTTCATCCGCGCCCGCTTTGTAGTGTTCCCATTTGGCGCGAG  $\tt CGGCATCGTCGGTTTCATCGGCAATCACCATAAACACACATAAGAGCCAACGTCGCGTCCGGTTTGCTCTGCGGCCTGT$ TTCATCCGCGCAGCGGTCGGGCGAAAGCCGTGGGTGTATTTACGCCTTTGCCGAAACAGAAGTTGAAATCGGCATACCG GGCGGAGACGCCATGCCAGCGTCGCTTTGCCCGGCGCAGATCACTTTCATGGGGACACTCGGTTGCGGACTCACGCGAC AATCATTCATGGTGAAAAAATCGCCTTTAAAATCGCTTTTCCCCGTGCCCCACAGGTCGCGCACACCTGAACATATTCG GTGAGATAGTCGTAACGACGGGAGAAATAGTCATCGCCAGGCCAGATACCCATCTGCTCATACTCGGGCTTTTGCCAGCC AGTCACGAGGTTGACGCCAAAACGCCCGCCAGAGATGGAGTCGATGGTTGCGGCCATACGGGCGACGATTGCCGGAGGTA AGGTTGTGATCCCAGAACTCAGTTTTGCCGCCAAAGCCACGCAGTTTGATCATCGACAGGGCGAAATCGAAATGGTAGTG TGTTGCCAATAGGTACGAATACGCCAATTTTCATCATCAACCTCTCTTCGTCTCGTAAAGTGAAAGTCAGACGGGGGCGCT GCATCCTGCATATCCTTTTCAGCCGCGTATTGGCTTGTTTGCAAAGCGGATGCCAGTTTTTAAAAAGTTAATGTTATTAA TCTGTTAACATTACGTTATCTAAAATATCTGGTAAAAAGTGGACTAAACGGTCAAAACAGTTGCACATAAAACATGCATC TGTGCGCGATGAGAGGTCCAGAGGCCGGGCGGGGTTTTGCTATCCTGTTGCCAATCTACAAGAGGGGAGAGCG GTTAAAAGCGTTTCGTGAAGATTTCGCCCCGCTGGCGGCGATCAAAGAGTACATCCGTCTGAAGCTGGAAGTCTCACGCG ATTATCCGCAGGCTTCGCGCCTGTTCTGTATGGAGATGCTGGCAGGCGCGCCGCTGTTAATGGATGACCTGACGGGCGAT TTGAAGGCATTAATTGATGAGAAATCGGCGCTGATTGCCGGTTGGGTCAAAAGCGGCAAACTCGCGCCGATTGATCCGCA GCATTTGATTTTTATGATTTGGGCTTCCACTCAACATTACGCCGATTTCGCCCCTCAGGTGGAGGCGGTGACAGGCGCGA AGATGCCGGAGGAGGTTGTAACATCCTCCGGCTACCTGTTTAACCTATAGTCATTAAGCTGGCGTTACCGCCAGCGGCAG CGGTATTCACACTCAGCGAACGCTCGATATACAGCCGTTCCAGAAGGATATTGCTTTCGCCACGGGCAAAACCCTGCACC GAAACAATTGTGCCATCCCGCGCGCGAACTGCTTCACACAATGCGCGAAGCTGATCCCGAATCACCGTGGAAGATCACCGC ATCAAACGGTTGAGCGGTTATATTTTCCGCTTTCGCCAGTTGAATACGTTCGCTGACTGCCGATGGCAATGCCTTCACTA ACTGACGATGCAGCGCGTCATCCGGCCACAGTACCTGGCTGCCCACCGCCAGCACGGCGGCGAGCTGAGTCAGCGCATCC TGCTCATCATCGGCAATACACACACGCGCTCACGCGGCAGCAGCGTCCAGGTGTTGCGTTCACCCGTCGGCCCCGGCAG  ${\tt CAATCGTTGTGTTCCTGCCTGCGCCAGCTCGCCATATTGCGTACATAACGCCTGCAATTCTGGACGATTTGCTGCCCATT}$ GTCACTGCCAGCGCACTTTCCGGGCGATTCGCCAGCAGACGGTAGAGATAGAGCGGACCGCCTGCTTTCGGCCCGGTACC GGACAACCCTTCGCCGCCGAACGGCTGCACACCAACCACCGCCCACCATATTACGGTTAACATACAGGTTACCAACAT ATCTGCTCGATCAGCTCTGGTAGCTGGTTACGGTTGTAACGCACCACATGCAGCACCGGACCAAAGACCTCTTTTTGCAA  $\tt TTCGGCAAAGTCATCCAGTTCGATCAGCGTCGGGGCGACAAAGGTGCCGCTTTGCCATTCACGGGCATCTTCGCTGTTTT$ TCAATCACTGGACCGATATCGGTGGTCAGGCGACCCGGATTACCCATCCGGCATTCGGCCATTGCGCCGCGCAGCATTTT AGGCCAGTACATCCACGACGACCTGTTCGGTCAGTGCTGAAGAATCGACAATCATCGCGTTCATGCCGCCGGTTTCAGCG ATGAGCGGAATAGGGCGACCCTGAGCGTCCAGGCGGCTGCGATATTGCGCTGCAGTAACGTAGCGACTTCGGTTGAACC GGTAAACATCACCCCGCGCACGCGATCATCACCCGTCAGTTGCGCCCCACGGTTTCACCCCGACCTGGCAGCAATTGCA  $\tt CCACGCCTGGCGGTACACCCGCTTCCAGCAAAATGGCGATCCCTTGCGCGGCAATCAGCGGCGTTTGTTCTGCCGGTTTT$ GCCAGCACGCTGTTACCTGCCGCCAGTGCGGCGGCGATCTGCCCGGTGAAAATAGCCAGCGGGAAGTTCCACGGACTGAT A CACACCACAGGCCCTAATGGACGGTGGGTTTCGTTAGCGAAATCATCCCGCACCTGTCCGGCGTAGTAGTGGAGAAAATATCTGGCTTTCCATCAGCACGCAGCGCGGTGCAAAATCGCTGCGCGTTCAGCCGGAGGCGTGGCAAACCAGATTGGCGC GTTATTAACCGCACTTTCCAGCGCCTGTTCTACTTCACGCGGCGTGGCTTCACGCACATAGCCCACAATATCTTTCGGTT GCACTATTGAGCAGGCCAGAGGAGAGGCCAGGCCGTGTTCGTTAGCGAGATCCAGCCCTGCCGAGTTGTCGCGCCC GTGACCGTAAAGATCGCGCGGCAGGGGAATTTTCGGATGCGGTAATCCAGTTTGCCCTTCCTGTTGCGCCAGTTTTTCTA CCGTTTTCCAGCAGCCGCCCCAGATACGCCAACAGCGTTTCATGTGTGCCAACCGGAGCATAAATACGACACGGACG GTTAAGTTTGCCGTCGCCAACTTTCCCGGTGACCTGCTCATACAGTGGCTCGCCCATACCATGCAGGCACTGGAACTCGT TAGATTAGATTCGCCACCGCCAGCAGCTTTTTCGCACAGGCGAGATAAGAAACGTCGGTATACACCTTGCGGGTATAAAC GACGGCGACGGCTGCGGGTGGCGAGATCAATCAGGTAATCGATCACCAACGGGCAGCGTTTTTGATAAGCCTGAATAACA AAACCGATGCCGTTCCAGCCTGCCAGTTCCGGCTCGAAACAGAGTTTTTCCAGCAGATCGAGGGAGATCTCCAGGCGATC TAGATGCCACGACCGTTAGACGCTTTACCGATGGCGTGAATCGCCTGCTGATAGGAAACCATATACGCCTGTGCATCTGC GGCGGTCAGCGCGGCTTCGCCCAGCATATCGTAAGAGTAACGGAAACCTTTCTCTTCCAGCTTGCGGGCATTGGCTAACG CTTCCGCGATGGTTTCGCCAGTGACGAACTGCTCACCCATCAGGCGCATCGCCATATCCACACCTTTGCGGATCAGCGGT TCACCGCTTTTACCGATAATGCGGTTCAGCGAGCGGGAGAGGCTTGGCTTATGGGTGGAAACCAGTTTGCCAGTAAA  $\tt CAGCAGCCCCCAGGTGGCGGCATTAACAAACAGTGACGGGCTACGACCAATGTGTGACTGCCAGTTACCGTTGCTGATTT$ TGTCGCGAATTAACGCGTCGCGGGTGGCTTTGTCGGGAATACGCAACACGCTTCCGCCAGACACATCAGCGCCACGCCT TCCTGCGATGACAGCGAAAACTCCTGCAATAACCCCTGGACCATACCTGCGCGACCACTGGCATTTTTTTGATTACGCAG TTTATCGGCCAGCTGATACGCCAGTTTGTGCGCCTGTTCAGCAACTGGCTGCGGCAGGCGGGCTTGTTCCAGCAGCATAG AAACCGCTTCGGTTTCCGGGCGCGATAGGCCGCGGTGATCGCGGCGCGGGAAACCGACTGGGGCAATATTTGCTCGGCA TGCGATCGATACGTGTCGCGGCAGACTTAATACGCTCACGCGTCGCGTCCAGCTTAACCCCCATGGTGGTGGTTCCC ATGCCATTACTCCTGTTGTTCAGAAAGGTGCAACTTAACGTTATCGTGAAATATCCATGATGTTGCAACTTTGTGCAACC AATAACTCAGACTTTTTCTCTGCGGCAGTTAACATTTTTGAAAGGTGCAACCGCAAAAAATGTGAGAGAGTGCAACCTGA TGAAAAATAGTGTCGCTGAGCACTAAAATTTAATGTAAATGGTGTGTTAAATCGATTGTGAATAACCAGCGCTTCCGGCA GGATACGGTCGCCCTGGTAAAACATAAACTCTGTTACCCCGTTCCGGTGGCAGATATAACGGCAAGTTTCGACATTGCCG ATAATAATTTTTTGGAGACTTTAGATGGCTATTAGCACACCGATGTTGGTGACATTTTGTGTCTATATCTTTGGCATGAT ATTGATTGGGTTTATCGCCTGGCGATCAACGAAAAACTTTGACGACTATATTCTGGGCGGTCGTAGTCTTGGGCCATTCG ATTTCCGAAAGCTGGATCGCCATTGGCCTGACATTAGGCGCGTGGATTAACTGGAAGCTGGTGGCCGGGCGGTTGCGTGT GCATACCGAATACAACAATAACGCCTTAACACTGCCGGATTATTTCACCGGGCGCTTTGAAGATAAAAGCCGCATTTTGC GCATTATCTCTGCGCTGGTTATTTTGCTGTTCTTCACCATTTATTGCGCTTCGGGCATTGTGGCAGGCGCGCGTCTGTTT GAAAGTACCTTTGGCATGAGCTACGAAACGGCTCTGTGGGCGGCGCTGCGGCGACGATCCTTTACACCTTTATTGGCGG TTTCCTCGCGGTGAGCTGACACTGTACAGGCCAGCCTGATGATTTTTTGCCCTGATCCTGACGCCGGTTATCGTCA  $\tt CTGAACTTTGTTGCCATTATCTCACTGATGGGTTGGGGGCTGGGTTACTTCGGGCAGCCGCACATTCTGGCGCGTTTTAT$  GGCGGCGGATTCTCACCACAGCATTGTCCATGCGCGTCGTATTAGTATGACCTGGATGATCCTCTGCCTGGCAGGGGGCGG TGGCTGTCGGCTTCTTTGGGATTGCTTACTTTAACGATCATCCGGCGTTGGCTGCTGCTGCTGAAATCAGAACGCCGAGCGT GTGTTTATCGAACTGGCGCAAATTCTGTTTAACCCGTGGATTGCCGGGATTCTGCTGTCGGCAATTCTGGCGGCGGTAAT GTCAACCTTAAGTTGCCAGCTGCTGTTGTCCCAGTGCGATTACCGAAGATTTGTACAAAGCGTTTCTGCGTAAACATG  $\tt CCAGCCAGAAAGAGCTGGTGTGGGGGGGGTGTGATGGTGCTGGTGGTGGCGCTGGCGGTGGCGATTGCGCTGGCGGCAAAC$  $\tt CCGGAAAACCGCGTGCTGGGCTAGTGAGCTACGCGTGGGCAGGCTTTGGCGCGCGTTTGGTCCAGTGGTGCTGTTCTC$ GGTGATGTGGTCACGCATGACGCGTAACGGTGCGCTGGCGGGGATGATCATCGGTGCGCTGACGGTTATCGTCTGGAAAC AGTTCGGCTGGCTGGGACTGTACGAAATTATTCCGGGCTTTATCTTCGGCAGTATTGGGATTGTAGTGTTTAGTTTGCTG GGTAAAGCGCCGTCAGCGGCGATGCAAAAACGCTTTGCCGAGGCCGATGCGCACTATCATTCGGCTCCGCCGTCACGGTT ATATAAATTGAATGGTGCAGGGAGCGCCAGGGGGCCCAATCGCCGCCCCCTGCTGTCCCGGCCTTCGGGGAACG  $\tt CTTCAGCGATTTTGACGCCACCAACACCCGAGCTGTTATTATGTTCCGGGCAAAAAGTTAGATTTGATAATCGCGGATGG$ ATACGGCGTTTACGCGGCATCCGGCAAGAACACATGGTTCTTTGCAAACAATCCCATCTTTCTACCCTGGAATAATCGTT TGTTCCGTTTCTCATTATGTTGCGCGAAGGACTTGAAGCCGCGCTGATTGTCAGTTTGATTGCCAGCTATCTTAAGCGTA TTAACGAAACCACCGGCGAATTTCCGCAAAAAGAACAGGAACTGTTTGAAGGTATCGTGGCGGTGATCGCCGTGGTGATC  $\tt CTTACCTGGATGGTTTTCTGGATGCGCAAAGTGTCGCGCAACGTCAAAGTGCAACTGGAACAGGCAGTCGATAGCGCATT$ TTTTCCTGCTGGCGGCATTTCAACAAGATGTCGGGATCTGGCCGCCGCTGGGTGCAATGCTCGGTCTTGCTACTGCCGTG GTGCTAGGCTTCCTGCTCTACTGGGGCCGGTATTCGCCTCAATCTTGGTGCATTTTTTTAAATGGACCAGCCTGTTTATTCT  $\tt CCTTCGATATGAGTGCGGTGCTCTCAACTCACTCGCTGTTTGGCACGCTGATGGAAGGGATTTTTGGCTATCAGGAAGCG$ GGCGACAGCGTCTCGCTCCGCGTAACAAATACGACGCAAACTCTTGCTTAGTTACAACATACTTTAAAGGGATAGTCTCG GCTGATGTGCCGCAGGTCAAAGTGACCGTGACGGATAAGCAGTGCGAACCGATGACCATTACGGTTAACGCCGGGAAAAC
AAAATATCGCCCCTGGCTTTAGCCAGAAAATGACGGCGAATTTACAGCCTGGCGAATACGATATGACCTGCGGTCTGCTG TGGTGCAATTACTGCATATAAAGCGTATGTCATGGCGGAAACCACGCAGCTGGTGACCGACACCAAAGCCTTTACCGACG CGATTAAAGCAGGCGATATCGAAAAAGCGAAAGCACTGTATGCACCGACGCCCAGCACTATGAGCGTATTGAACCGATT GCTGAACTGTTCTCCGATCTGGATGGCAGCATTGACGCCCGTGAAGATGATTACGAGCAAAAAGCCGCCGACCCAAAATT ATACCGATGTGGTCGATTTGCAAAAACGCATCAGTGAACTGGCTTTCCCACCTTCAAAAGTGGTCGGCGGCGCAGCCGGA TAACGTTGAAGGCTCGCAGAAAATTGTCGATTTGCTGCGTCCACAACTGCAAAAAGCCAACCCGGAACTGCTGGCAAAAG TCGATGCCAACTTTAAAAAGGTCGATACCATTCTGGCGAAATACCGTACTAAAGACGGTTTTGAAACCTACGACAAATTG ACCGATGCCGACCGGAATGCACTGAAAGGACCGATTACTGCGCTGGCGGAAGATCTGGCGCAACTTCGCGGTGTGCTGGG TGCACTGGCGCTGGCGGAAGTTGTCCGGTCGCTCATGCACAAAAAACGCAAAGTGCGCCGGGTACGCTTTCACCGGATG TCAGGGCGGAGCACCAGAAACGCCAAATCCGCGCCTGCCACCACTCGATTCCGGCATTCTTGGCGGCTACATTGCGC  ${\tt CCGATAATCTCACCATCACGTTATCGGTGGGTCACTCATTGTTTGATGAGCGCTTTGGCCTTGCGCCACAGATGCCAAAA}$ AAGCTGCAGAAGATGACGCGTTTCCCCAACGACTCGCTGGATGCGGCGTTATGTCATGGTGATGTGTTGCTACAGATTTG CGCCAACACCCAGGACACGGTTATCCATGCGCTGCGCGATATCATCAAACACACGCCGGATTTGCTCAGTGTGCGCTGGA AGCGGGAAGGGTTTATTTCCGATCACGCGGCGCGTAGTAAAGGCAAAGAGACGCCGATTAATTTGCTGGGTTTCAAAGAC GGCACTGCCAATCCCGATAGCCAGAATGATAAGTTGATGCAAAAAGTGGTGTGGGTAACGGCAGATCAGCAGGAGCCTGC GTGGACAATCGGTGGCAGCTATCAGGCAGTACGCTTGATTCAGTTTCGAGTGGAATTTTGGGACAGAACGCCGCTGAAAG  ${\tt AACAGCAGACGATTTTTGGCCGTGATAAGCAAACCGGTGCGCCGCTGGGAATGCAGCATGAGCATGATGTGCCTGATTAC}$  $\tt CAGCCTGATGCTGCGTCGTGGCTACAGTTATTCACTGGGCGTCACCAACTCCGGGCAACTGGATATGGGGTTGCTGTTTG$ TCTGCTACCAACACGATCTGGAAAAAGGCTTCCTGACAGTACAAAAAAGGCTCAATGGCGAAGCGCTGGAGGAATACGTT AAACCTATCGGCGGCGTTATTTTTTTGCGCTGCCGGGGGTGAAGGACGATTATTTCGGAAGCGCGTTATTGCG GGTTTAATGTTTTTAGGCGGATAAGGCATTTGTGCGCAGATGCCTGATGCGACGCTTGCGCGCGTCTTATCATGCCTACAAT  ${\tt CAGTGCGGGTTTGGTAGGCTGATAAGGCGTTCACGCCGCATCCGGCGATCGTGCACTGATGCCTGATGCAAATCCTGCT}$ GAAAGCACACACTTTTTTCATCACTGTCATCACTCTGTCATCTTTTCCAGTAGAAACTAATGTCACTGAAATGGTGTTTT ATAGTTAAATATAAGTAAATATATTGTTGCAATAAATGCGAGATCTGTTGTACTTATTAAGTAGCAGCGGAAGTTCCCGG GCCGTAAACGGTGCGCGTAGCCGTTTTTCGGCATTTTATCCAAAAGCAAACTATGGCTTACAAGGAAGCCAACCCTCTGA AAGCAGTGATCAAAGCTCGTCGCGAGGCAAAACGTGTGCTGAGACGGGATTCGCGCAGCCATAAGCAGCGTGAAGAAGAA  ${\tt TCGGTCACCTCGCTTGTGCAGATGGGCGGCGTAGAAGCCATTGGTATGGCCCGCGACAGTCGCGATACTTCGCCCATCCT}$  $\tt CGCGCGAAATGAAGCGCAATTGCACTATCTGAAGGCTATTGAGAGTAAGCAGCTGATATTCGCCACGGGCGAAGCCGGGT$ GCGGAAAAACCTGGATCAGCGCAGCAAAAGCGGCAGAGGCCCTGATACATAAGGATGTCGACAGGATTATCGTCACCCGT  $\tt CCAGTTCTGCAAGCCGATGAAGATCTTGGCTTCTTACCTGGAGATATCGCAGAAAAGTTTGCTCCCTATTTTCGCCCGGT$ CGCCGTTCGCCTATATGCGTGGACGTACCTTTGAAAATGCAGTCGTCATTCTTGACGAGGCGCAGAATGTGACTGCCGCG CAAATGAAAATGTTTTTAACCCGCCTCGGGGAGAACGTGACGGTTATCGTCAACGGTGATATCACGCAATGCGATTTGCC  ${\tt AAGAGGACTGCGTACGTTCGGCACTTTGCCAACGTACGCTGCATGCCTACAGTTAAGTGTGTTATCGGTGCAGAGCCCGG}$ GCGAACCGGGCTTTGTTTTGGGTGTTTATGCCCGGACTAGCGCTTTTTCTGAAACAACCATTTTTATTTGCCCCTGGCTG GTGAAGTGTACGCTCATCCTGTGGCTTTTTTGTAGTTGCTGATAGAGCTCATCAGGTATTGCTAAGCTCTCTGCATATTC TTGCGGCGTATATTGGTAGGCTGCATGATGCTGCTGTTTTTGAAAACGCAGCTTATTGTACAGCGCCCAGACAATTAACA CGACGCCATTCGCCACTGCCAGCAAAAAATAGAACTGAAGTCGGCTTCTGGCCTCGCTTTGCCAGTAATAACCCGTCAGC AGATCCATGGCGAATAAGAATATGAACAACGCAAATAATGTCCACAAGATGGTTGTGGCAACATAATCAACCAGTAAACG TACTGGTGATTGTCGGGTCGTAATAATTAAATTGTTCATATTAACCTCTCAGAATCCCGCGATCGGGACTTACCCAACGG GCGCGTTGCTTTTTAGGCATCAACATGACTCGTGTAAATGATACCAATGTCGTTGCCAGGCTCAGCATCCAGAAAATAAC CGGGAACCAAATAATCCAGAAAAGCGATGAAGTCAGATTATGCTCATAGCGATTCTCGATCATCAGGCTGACAATAAATT GCAGTAAACATAACGTACACAATAATATTCCGGCAGTATGTGTCGCAGCGATATGTGTCAATTCAATATTTAACGGTACA AGCGCAGGCGCTGTTTCCACAGCCCTTTTAACGTTTCAGGCATTAATATCCAGCACAGTGCCCGTGGCTCGTAAAAAAATC GTCCACTGATTCAACTGCAGCTTCCAGCTAATATCAATATCTTCGGTGATCATATCGTCACTCCAGTAACCCACTTCTGC AACCAATAATTGAGGAATACTCGCCAACCTGAATTTTACCCACCAGGGTAGAACGTGTTCGAATACGAGGATTACCGGTT  ${\tt AATGCACACCAGATATTCACTTTTCGCCGCGGCAGCTCCGGTTTTAAGCGCAATGGCTTTCCCCTGGTTTTTGCGCCAGATGGCTCTTTTGCGCCAGATGGCTTCTGCAGATGGCTTTTGCGCCAGATGGCTTTTGCGCCAGATGGCTTTTGCGCCAGATGGCTTCTGCAGATGGCTTTTGCGCCAGATGGCTTTTGCGCCAGATGGCTTCTGCAGATGGCTTTTGCGCCAGATGGCTTTTGCGCCAGATGGCTTTTTGCGCCAGATGGCTTTTGCGCCAGATGGCTTTGCAGATGGCTTTTGCGCCAGATGGCTTCTGCAGATGGCTTCTGCAGATGGCTTTTTGCGCCAGATGGCTTCTGCAGATGGCTTCTGCAGATGGCTTCTGCAGATGGCTTCTGCAGATGGCTTCTGCAGATGGCTTCTGCAGATGGCTTCTGCAGATGGCTTCTGCAGATGGCTTCTGCAGATGGCTTCTGAGATGGCTTCTGAGATGATGGCTTCTGAGATGGCTTCTGAGATGAGATGGCTTCTGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAATGAATGAATGAATGAATGAGAATGAA$ GAATGACCCGCAAATGGGGAATTTGTGCAGCCATGCGATCCAGGATGGCACGGGTTTTATCTGTTGAACCGTCATTTACG GCAATAACTTCAATGTTCTCATAACGCTGTGCTAAAGCGGCGTGTATGGTTTCCTCAACGTTTTTCTCCTCATTAAAACA GGGAATGATAATGGAGATAGACGGATTATCTTTCAACTGGGGAGCTGGTGCGTTTTCTCCCCACGGCCAGTGGCGTTCAC GATAGACCCAGAAATAGACGCCGCCAACAATCCACATAATGGACATAAAAAAACGGCCAGAAGAAAAACGAACCTCATCATC AGTTCACCAGAGTGAAAGTACGCTACGCATAGGGGTATGCATAACACCAGACATAATATAAAAAAACGATACGATGCGATT GGATAATAACCATAGTTTTTCACTCCATTCAGTTGTAATAGGCTCATCCAGTGAGCGAGTTGTTGCGAAGAAATAGCCTG ATGCTGACCATTTTTCTGCCAGTTTTGTGCCTGTAATTCTAAAATAGATTTGTCTTTAGCCTGAGGGATGTTTTTAATTT GATTGGTCAATTGTATTAACCATTGGTCAGCCGATTTTTCTGCGACACCTTCCAGATAAGGCCATAGCCATAATAGCCGTC CAGTCATAGCTTTTTAGGAAATCAGCATAATTCTGTGCAAACCAGGCTTCACTTTCAGGTTGTATTACCGGAAGTGCAAA AATATTTCGTGCAGTTTTAATATGTGGACCGCGAATGGCTTTTACGCCGCGCACTAAGTTCTAAAGTGAAGTCAGTTAACG  $\tt CACGACTTTTAAAGCGGGCCCACTGTTTAAATTGCTCCGGGTTTTGTCGAATTTCGCTCAGACTCCCGCTAAAGCCTGCT$ TGCTGATAAGCCGTGATAGCCGGTGCACTGGCATCTTCATAATCTGAAAGCAAAGCATCATCGTGGAACAATATGCCATC GATATTGTTCAGGATGAATTTGTGCTTTTTTCTCCCCTGTTGGTAAGTATTTTACTCGCGTTAATGTGGGATCTAAATCC TGCTTTCATTGGTAGCAAACGATTTGGAAACCAGACCTCTTTGACCAGCCCATCACCATCGGGATCAGCAAATGCCTGCA AATACACGGTTGATATTTTGCATATCTTTCACCCGCTGAATTAGCACATCAATATTGCGATCCATTTGCTGGAGGTTTTCG TCATAAACGTAATCAAGATCGATATGCATTATCCGTTGTGGTGATTTTTCCTGTACGGTAATAATTTGCTGGGCAAACTC TTTTAATGAGGGATTATTGGCGATTAATACCCGCGGAATGGAATCCAATTGCGACGCATTTGCCAAACCTGATTCAAGGG TGTGGATTTACCTCAACCTTTGTACGCAGGTATTCCGTCATTTTTACAGCATCCAGACGAATTCTTTCCCGGTATTCTGC TGCGGTTTCATACCGTGCGTGGTCAGTAAAATATGCACGATTTACATATACAGGCAATAAGCTGCCGGTGGCATTAGCCT GAATACCGTAGTGAGAATTCCATGTATGAGAAGCGAGCTCAACGAGCCGGGAACGCGCAACTTCTCGCACTTGTTGCCAC GTGGCAAAATATTCTCGATCGACCAACTCATCGCCAAATTTTACTTGTTTATCCGCTGGCGTATCGACCCAACTGCCGAC AAGTCAGCACTACAGCTTTTTCCGGTAGCGGTTTTCCTCCTCGATGTGCTTCACGAATTTGAGCAATACTGACCGGTTGA TAACCGTTCTCGCGCAGCCAGGCAAATTGTTCACGCAGTGCTGATGTCCGCACTGACATAAAACGCTGGTCGGCAGCTTC GTCTTCAACGTTATGCCATGAAATCGCTACAAAACCATTATGCGGCCACGGTTGCTCGGCGAGTAAAGATTCGCGATCCT GTGGCGGTATAAATGATGTTCTTGACTGGCTAATGCACGCGGTGAGCATAATTATACTCACCAGCATCAGGAGATATTTA TTTCCATTACGTAACATATTTATCCTTAAAATCTGAATGTCATATCGAATTCAACGTATAAGTTGTGTCTCTCTGTCACCG TTGGGTGACGACATCCGTGCCATAATGTTTTTGCCAGGAGGCACCCAACACCTGCGCTGAATATTTGCTCCCAGCTATTTT  ${\tt TCGTGTTCTGTATTTTGTTCGTAATACAGACTGGGTAGGAAATCGACAATCAAATATGGTGAAGACCAGATGCGTTCCTG}$ ACCCTCAAGTGAGACTTCATGACGCTGGTTACTGTCGGAAAAATCAGTGAAAGCCCAGGAGACACCGTACTTACGCCGCT CATTTTGATACCAGCGAACATAAGCCTGAGCACTGTTGCCTGTAACACCCATTTTTCATTGCCCGTAATGGAACGCGGTGA CTCATGATTGAAAACGCGTTCAGCGTACTCTGCCTCGAGCCAGATATTACGTGACCGCCACTCAACACCCGCAAGCCAGT CGCGAACAATCCCTTTTCCTTCGCTAAATTGTCCATCGGCATAACCGAATCCAGCAAAACCGCGCCCAGTTATCCTTCAGC GGTGGTGAATAAACGATGGTGGTTAAGTCGACATCATGTTTACCACTATCCGGGCCTTCGGCATCAATTCCTGTTGAGCC AGCGATACGAAGCTCTGCAAGATTATGTACATCAACCGCACGTTTTAATCGTACAACGCCGGGATCTTGCGGTTCACGTT CGACAACATCGTGCGTTAAGACAGCTGCCTGCTGCCATTCTTGTAACGTTAATGCTGTCCAGGCTTGTTCAACCTCCAGA TTAATATTACGTGGCTCGATCACTTCTGCTTTTTTTAATTCATTTCTGCTGCACGAGGCCAACCGCGGGCTTGTAACAC GATCATTACTATATTTTGCTACGGTTGAGAGAAACGAATGCCCCTGTAACCAGGTATCATTCGGGATGCTCGTAGGCGTG  $\tt CCCATTAACCGAAGGAAGGCGCGAAGTATTAATGGTATGTTGGGTGACAGTTAGCGCGCCCGGATAATTTTCACTCTC$  $\tt CAGGTGGCTGTAAAAGAGATCCGCAAGTTCTTCATCGGATAAATCCGGGGCAATGGTCTCCTTGTGATAAAAGAGCTCGG$ TCATTATTGACTGTGCTTTTTTCGGCTGATGATCTTTGAGATAAGCCGATGCAACCCAATATTGCCCCCAGGGCGGAATA ATTTGCCCCGTCTTTTTTAATCGCTGATAGTGAGAAATAACGTCTTTATAACGATCGCGAGTTAATAACGCGCCCAAGATG ATCAACCTGAATACGCTGGTACTGGGCAGTGCGGTCTGGGTTATCGTGCCACAGAATTTCTAATGCAGCGTATTGGGCGA GGGCGCGATCGCCAATGGCATAACGTTCACTTTCACTGCGCGTAGGCATAAACGACAGTCTGACCAGTTCGGCATGAATA  ${\sf TCAGCGCGAATATCTGGCGTTAAATTGGCATCGTCAATCGCGGCAGCAAGTTGATTATTACGTAATGCCTGCACGTATTC}$ TGTGGGATATTGTTGCGTAGATGCATTTTCAGGTAATGACTCTGTCATCGCCCGTAATTCATCCTGATGACGCCCCGCCA GTTTATAGATATAGGCTTCTGCGAGTAAATTGGCTTTGTCCGGTGCTCCAGAGTTAAGCTGCTTAAGTTTAACCAGCGCA CTTTTGCCACAGTGTAAGCGAGTTTTGCCATTGTTGCAGGTTACGATAAGCGACGGCGACAGCTGCATAACCACGCGCTG GTAATTGCTGATGACGGTAGCGGTTGTAAACGGTAATAACCTGTTTATCTTGCCCGGCCCATAAGGCAATCTGTAACCAG AATAATCAATGCATCATAGGCGTTATTAACAGCACTCTTCGCCGCGGGACTCGCTGCTAAAAATGCGGCAGTAAGAAGTT TCAAAGCCCATTTGGTTTTCGGGCACCTTTTTCTGCTACTTGAATACATCCTGTATTACTCCATGTATTGCCAAAATCTC TCTCTGTATCTAATTACAGGTAACTGAAAAGAAAGATATTTTTGCACCTCATAATCCGTTATTAAACGCGGAAGAGAGACAC
GTGAATTGTTGATGATGAGAAGAAGAATGATGAGCAGAGTGTCCATATAAAATCCTTTTCTCGCCCGAAAATCCATTCC TAAATTCCGATGCATGTTTCGGATTTTTCGAAAGTCCTGATGAAAGGCTGCGCTACGGCACTCACGGATTTAATTGTTA TTCCTAATGTATCTATGAATTAATGTTTTATAAGGATTTTCTATAACCATTTATAAGTATTTTCAAGCCTGGCTTGTTGC ATATTGACAACAGTACAGTTCTTATATCTATTAATAATAGAAAGGGATCTACAACCTACAGATTGGTGTAGCTTTATGGA TTAATCAGCCAGGCGTTGAGGAAGTTGTTCCACGATCAACCTATCTGATGGTAATGATTGCTTTATTTTTTATCGATACT GTTGCATTTATTTTTATGCAGTTGTATTTCATTTATGACCGTAGGCAATTTTCAAACTGTGTACTTAGTTTTGGCTTTTCT GAGTTGTTTGATTTACTTTGTTATAACCGTCATTATCATTCAGCAAATTATTGAGGAGCGTTTGACAAGCAGTGTTGTCC AAAATGACATTGCAATCTATTATTTGTTCGTCAGATGAGTTTGTGCATATTAATATTTCTGGCATTGGTGAATAAAGTT GATAGTTGCTCACATACTTTCTAGTCATTATGAGAGCTACAATTTACACATTGCCGAGTTAACCAATGAAAATGGTCAGG TGGTTTGGAAAGCCTCATATGTTACCATAATGATTTTCATGTGGTTAACCTTGCTTTCGGTTAATCTATACTTTAATGGT  ${\tt CAGGTATAGCGTGTCCACTTGGTATATTAGTCGCACTATTGAAGTAGTCAGTAAGTTAACCGTTATGGTAATATTTATGT}$ GCCATATATTCAGTGCGCTACGAGTAACAAAGAACATTGCACATCGCGATCCCTTAACCAATATATTTAACAGAAATTAT TTTTTTAATGAACTGACAGTTCAATCAGCATCAGCCCAAAAAAACGCCTTATTGCGTCATGATTATGGATATCGACCACTT TACGACCAGATGACCTTTTAGCGCGCGTCGGCGGCGAAGAGTTTGGCGTCTTGCTGACGGACATCGATACTGAACGTGCG AAAGCTTTAGCGGAAAGGATTCGGGAAAATGTTGAGCGTTTAACTGGCGATAATCCTGAATACGCTATACCACAAAAAGT GACGATTAGTATTGGCGCTGTTGTGACTCAGGAAAATGCGTTAAACCCAAATGAGATCTATCGACTGGCTGATAACGCAC ATTTTGATCCTACCCACGTAATATGGACACAGGCCTAAGCGAGGTTCTTGTTTTCAAATTGTTCCGGACTGAGGCCGCCA CACCAACTGTGCCGCCGCCACCGATTGTAATCACATTCGATATAATTAAACACCGTTGCCCGCATTATTTCCCGGCTGAT  ${\tt AAAGTGTTCTCCATGGATACATTCCACTTTCAGCGAATGAAAGAAGCTTTCCACGCAGGCATTATCGTAGCAGCAACCTT}$ TTGCGCTCATACTTCCACGCAGATTATGCCGCTTCAGTTGCGCCTGATAATCTGCTGAACAGTACTGGCCTCCACGGTCC GTGTGAACGATAACGTTCCGGGGCCTCTTACGCCGCCACAGCGCCATCTGCAGGGCATCGCAGGCCAGTTGCGCCGTCAT TACGTAAGTACGTGATGTCTCCTGCCCACTTCTGGTTCGGGCCACTGGCGTAAAAATCCTGCTCCAACAGATTTTCTGAC TGCCGCCACGGTTTTTACGTTAAAGGGGTAACCCTGAGCACGCAGTTCATCCGTCAGGCGTGGGGCACCGTAACGCTGTT TTGACCGGGTAAAAGCCGCGAGGACAACGCTGTCGCAGTGTTGGCGGAACTGCTGACGCGTGCTTATCCTTGTCCGCCGC TGACACCACGTATACCAGCCGCTGCGGGCCACCCGGAGCACGCGGCACATTGCTTTGATGCTGAACTCAGCCTGATGTTT TTCAATAAAGACATACTTCATTTCAGGCGCTTCGCGAAGTATGTCGCGGCCTTTTGGAGGATAGCCAGCTCTTCATCCCG TTCTGCCAGCTGGCGTTTGAGACGTGCAATCTCGGTAGACATCTCCAGTTCACGTTCAGAAGACGTCTGCTGATTTTGCT GTTTACTGCGCCAGTTGTAGAGTTGTGATTCATACAGGCTGAGTTCACGGGCTGCGCGCAGTAACACCCGATGCGTTCAGCA  AGTCACCTCTGACTGAGAGTTTACTCACTTAGCCGCGTGTCCACTATTGCTGGGTAAGATCAGTGCCTGGCACACGCGTT TGATGGAAGACGGCGTTCAGGCAATGCGCGATTATCTTGCCGGACTGGATATCGCTTCGCCAGAGCATCAGGTTCTGATG AACGTAACAGCAAAAAGCGAGGTCGCTCCGTCAATTATCAAAGAAAATCTCTCATTACACTTAACTCATACGGTGAAATG GACTGAATCTCTCGATACATTTCTGAATATGCCAACCCCGGTAGCTTTCCTTGAAATAAGTAATAAGCCCTATTTGGGGA ATATGTTAAATGATTTTGCTGGCGTGGATCAGCAACGAGTTATGCATTGTCGTAAAGCATTTAGTGATGCAAAGGTATTC AAATGATTCCTGATTATTTAACTTTTATTCGCTTTCAGGATAAACGAAATCTGATATACATTTATGCTATTGGACTTATT GGTGCTGTATAATTTTATTTTTGATCTCAAGGCGTACTGGGCTTATAAATGCGTCACGAAGAATATCGATTTTTCGTGGT TTAAGAAAAAGCAGAACCACAAAATAGAATTATTTCTTACACAACCTCTGGTGGCAGGATTTCTGTCGTTAATCATGTTG  ${\tt AGTGCAATGAGTTGGGGGCTATACCAGCTTCTACCCTCGTTATATGCGCTGTTCCTGATTTCGTTACTTGGGCCGTTGGT}$  ${\tt CATCTTTCTGCTGTTTTCGGATGATCCGCACCAGTTATGTCAAGCAGGTCGCTATTTCAGTAGCGAAAAAAGTAAAATATA}$ AAAGTCTGACTCGCTATGTGCTGCTTTCGGTGTGCATCTCAACGGTTGTTAACCTGCTTACTATCAGCCCGTTGCGTAAC TTTTCTCCAGTGAAAATGCGTTGTCGACCTTTTTTGCCAAGCCGCTTTGGCTTCGGTTATTCATATTGCTGGTTATTGAA GTGATGTGGATTACGCTGGTGTCGGTATTGGCAACGCTTGTAGAATGGCGGATTTGGTTTGAAGCCTATTTTTTACTCTG  $\tt CTATGTACCGTGCTTAATTTACTATTTTTCTATTGTCGATTCCTCTGGCATAACGATTTTATGATGGCATGTGACATGT$ ATTTCCGTTGGGGGCATTTTAATAAGTGAGGAAGTGATAGGAAGTGACCAGATAATACATATATGTTCTGTACTCTTTG GACTCGCTTCGCTCGCCCTGCGGGCAGCCCGCTCACTGCGTTCACGGTCTGTCCAACTGGCTGTCGCCAGTTGTCGACCC  ${\tt CCGGTCGGGGCTTCTCATCCCCCCGGTGTGTGCAATACACGAAAAAAAGCCCGTACTTTCGTACGAGCTCTTCTTTAAA}$ TATGGCGGTGAGGGGGGGATTGACTCGCTTCGCTCGCCCTGCGGGCAGCCCGCTCACTGCGTTCACGGTCTGTCCAACTG GCTGTCGCCAGTTGTCGAACCCCGGTCGGGGCTTCTCATCCCCCCGGTGTGTGCAATATACGAAAAAAAGCCCGTACTT CGTTCACGGTCTGTCCAACTGGCTGTCGCCAGTTGTCGAACCCCGGTCGGGGCTTCTCATCCCCCCGGTGTGTGCAATAT GCCGTATACACACTTTCCAGGCGTGCTCCTTCAGCCACTCGGACACCTCACCAAATTGTCGTTCCTGTCTTGCTGGAACG GTGTGGTTTTAATAAGCGAAATCTGCTTTTTTTGCCACCGACCACGATTTGTTATGCTGGTGGCCTTTGTAGATCATAA CGATAAGTGCGAATAAATTTCGCACAACGCTTTTCGGGAGTCAGTATGGATATCATCTTTTATCACCCAACGTTCGATAC CCAATGGTGGATTGAGGCACTGCGCAAAGCTATTCCTCAGGCAAGAGTCAGAGCATGGAAAAGCGGAGATAATGACTCTG GGTGTTGATTCTATTTTGAGCAAGCTACAGGCACACCCTGAAATGCTGAACCCTTCTGTTCCACTTTTTCGCCTGGAAGA TCCAGCAAAATAGTTCGCATTGGCAACCGCTGCCTGAATATCATCGGGAAGATTTTACCATCGGCATTTTGGGCGCAGGC GTACTGGGCAGTAAAGTTGCTCAGAGTCTGCAAACCTGGCGCTTTCCGCTGCGTTGCTGGAGTCGAACCCGTAAATCGTG GCCTGGCGTGCAAAGCTTTGCCGGACGGGAAGAACTGTCTGCATTTCTGAGCCAATGTCGGGTATTGATTAATTTGTTAC CGAATACCCCTGAAACCGTCGGCATTATTAATCAACAATTACTCGAAAAATTACCGGATGGCGCGTATCTCCTCAACCTG GCGCGTGGTGTTCATGTTGTGGAAGATGACCTGCTCGCGGCGCTGGATAGCGGCAAAGTTAAAGGCGCAATGTTGGATGT TTTTAATCGTGAACCCTTACCGCCTGAAAGTCCGCTCTGGCAACATCCACGCGTGACGATAACACCACATGTCGCCGCGA TTACCCGTCCGCTGAAGCTGTGGAGTACATTTCTCGCACCATTGCCCAGCTCGAAAAAGGGGAGAGGGTCTGCGGGCAA GTCGACCGCGCACGCGCTACTAATAAAGCATCAGGATTCCTGCTATCCTTGGCGGGAATTGAATACAGGAGAGTTAT GTATCCCGTCGACCTTCATATGCATACCGTTGCCAGCACACATGCATATAGCACATTAAGTGATTACATTGCCCAGGCCA AACAAAAGGGCATTAAACTTTTTGCGATCACCGATCATGGCCCGGATATGGAAGATGCGCCGCATCACTGGCACTTCATT AACATGCGTATCTGGCCGCGAGTGGTTGATGGGGTAGGGATCCTGCGCGGCATCGAAGCTAACATTAAAAATGTTGATGG TGAAATTGACTGCAGCGGTAAAATGTTTGACTCGCTGGATCTAATTATTGCCGGTTTTCATGAGCCGGTTTTTGCGCCAC ATGACAAAGCGACCAATACACAAGCGATGATCGCCACTATCGCCAGCGGCAATGTGCATATAATAAGCCATCCCGGAAAT  $\tt CCCAAATATGAAATAGATGTGAAAGCCGTTGCTGAAGCAGCCGCGAAACATCAGGTGGCGCTGGAAATCAATAATTCCTC$ ATTTTTACACTCACGTAAGGGCAGTGAAGACAACTGTCGTGAGGTAGCCGCAGCGGTACGTGATGCTGGAGGTTGGGTGG  $\tt CATTAGGCTCGGATTCTCACACCGCGTTTACCATGGGGGAATTTGAAGAGTGTCTTAAAATCCTCGACGCGGTAGATTTT$ CACTGGAGCAGGATGACTTGCTGACACGTTTGCAGAAAAGCTGTGATATGACGCAAGTCTCTGCCGATTACAATGCGTTG  ${\tt AAGATCAGTCAACGGAAGATGAGAGCGAAGCACTGGAAACACTGTTCAGTGAGTATCTGTTACCCTGGTGTGGTGCGTTC}$  $\tt CTTGGCAAAGTGGAGGCCCATGCAACCACGCCTTTCTGGCGCACCATGGCACCGCTAACCCGCGATGCCATTAGTGCAAT$ ATAAAATGTGTGCTCGATCTCATTGCTGCCGCGTTTTCTGCTATCATGCGCGGCATGAACATACTTCTCTCTATTGCAA TGTACGGCCTACTTTGCCTGCCGCAAGGTGGGCTGAAAGGGCTGGCGATCTCCGCTGCAACCCTGCTTAGTGGCGTGGT GTGGGCGATGGTCATTATTTACGGTAGTGCACTGGCACCACATCTGGAAATTCTCGGTTATGTCATAACCGGTATTGTCG  $\tt CGTTTCTGATGTGTATTCAGGCCAAACAGCTGCTGCTTTCATTTGTTCCGGGGACGTTTATAGGCGCATGCGCGACGTTT$ GCCGGCCAGGGTGACTGGAAACTGGTGTTACCTTCGCTGGCGCTTGGGCTGATATTTGGTTACGCAATGAAAAACAGTGG  $\tt CCTGTGGCTGGCGCGCTAGTGCAAAGACGCGCGCACCGTGAGCAGGAAATCAAAAATAAAGCGTGAGGGGCACTCACGC$ TTTCGCTTAAACAGTAAAATGCCGGATGATAATTCCGGCTTTTTTATCTGTCAGGATTCCGGTGGAACCGACATATGGCG GTATTTCACCAGAATGTCATTCTGCCGTTCTGCTTTATTTTGCAAATCCCACAGACCACGGTCGATACCATCATTAATCA AGAAAGGATCTCGCCGGTACTCACATTGACGACGCCGCAGGTTCACGGCAATCTGATCGAGCTGGTATTGCGTGTCGGCAC CGATGCCAAAATATCTTGCCCCAACCCCGCCAGATTTGACGTTGCTTTCATAACCGATAATCGAACCTTCAACCATGATA TTTGCCGCCGTTAAAGATTGCAGCGGGATTCGGTTATTAATGGCAACCGTGCCGTTTTCTTGTGCCGCACGAATAATCTT TTGTATACCGAAACAAGATTTTACCCGTCGGCGCTGGCAGATGGGTCAAATCTTTGTAGCTCTGAGCACGAGGCATTAA TGTCGGTCTGGCGGCGTTCTTTAGGCGGGGCGGTTAAGCATCCGCTCAGTAACATGACGGCAACCAAAAGAAATAAGCGCT GCATGATTATTTCCTTATGAAGCTGGGGCTTAAAAATCGGTTGAGTTATTTTGTAAACCCGAAACCTGGATGGTCGAGG TTTGTCCGGTTTTACGATCTGTCACGTTCAACTGCAATTGACCATCGCGGTTGGCAATATCGACAATATAATCGTTGGTC ACCATGCGGCCCGGTTTACCGGTATTAATATTCGACAGTAGCCCACCTAAAATTTGTGACTGGATGGCCTGAGTAAAGTT ATCTAACGCTGAGGGTGTTTCAATACCAAAGTCATCGTTATAGCTCGGATCTTTATAAGAGTTTTGGGCCTGAGCGCTAT TTAATAAAAAAGCGCCATTATTTGGGTTACCACCAAAGTTTGGATTACGGAACTGGAAAGTCATGGTTCCAGCCCAACTT ATCATGCGCCAAATCGCCCGTACTTAATAACGCCTGATTTATCTGGCGACGATTTAGTGCTTCTTCAGTTTTGAATCAGTG  ${\tt CAAAGACGACGTTTTCTCGAAGTCTCTTTTCAACGGAAATAAAAAGTCTGGAAAATAACGTCCTGATTGACCGTTATA}$ GTGATCCAGCTTCCCCATCGTGCACTGGGCCTTTCATTAATCGTTAAGTTACCCGTATAGTCACTTTCCCATTTATCACT AAAGGCTCGGTAAAAATCATGGCCAATAGATGAAACAGTATGGTCAGTTAGCAATCCCGGGACTTCTACCTCAACGGCGT GAAGATTCCCTGCGGCGAACAGAAATTCTGCCGCCACAATCCAGCGTAAATAACGTTTCATGGCTTTATCGCCTGAGGTT ATCGTTTGCCCAGGAAACCGCTTGTGTCCGGTTTTTTACGGCTATCTTCTTGAAAAGATTATAAAGATGCGTTTTAACCG TATTTTCGCTGATGAACAACGAACGAGCGATCTCGTTATTAGACGCGCCCGATACGCAGCTTATTCAGGATCTCTTTTTCC CGATGAGTAAGGAGGCTGATTCCGTGCTGTTATAACGATAGTTACCTGAATGCGTAATCAGGTAGCTGGCAAGCTTTTG  $\tt CGTAAAGTAGCATTCGCCGCGCAGGACGCCTTGCAACCCATTGACAACACGTTCTTGATCCTCCATGGAATAAAAAACGC$ CGTTGATATGAGGCCAGTTTTCAATGTCGCGGTACGGGTAATCTTCAGGCGTATTTAGCAACAATATTTTGATATTGTTG TTTTTCCTGCTCAAAGTATCCTGCCAATAATGGATAAGCTTTTTATCCGCTTCCATCATATCCAGAAGAATAATAGAGCC TGAAGAGATATCGTCCAGAGAACGTTGAATATTATGTAATTTTCCTGTAATTGCCAGCGATTGTTTAAGGTGCTGCAAGA GAGCTGTCGCCTGCAAAGAAGATTTAGTGATCAACAATAATGTATGACCATGAATACTATGGACTTCATTAAACATGATG AAACCCCGCTTTTTTTATTGATCGCACACCTGACAGCTGCCTCTAAAATAGAAGCACCAGAAGTACTGACAGATGTTGCA  $\tt CTGCTGTGTGTAGTAAATCAGCCCTAAATGGGTAAAATATAAAACTAATGGATTACATCTGATTTCAATCTAGCCAT$ TACAAATCTTAAATCAAGTGTTAAACATGTAACTAAATGTAACTCGTTATATTAAAATGTTAACCTTAAGGTTTTATTAA GTTTAGAAATGATAGAAAAGTTGTACATTTGGTTTTTATTGCACAATTTTAAAAAAATCATACAAATGGTGATAACTTACT AATAATGCATATAAAAAATATTTCGGTGTAGTCCTTTCGTCATGTAAAACGTTCTTGTTTTTTCTCCACACCTCCGTGGA CAATTTTTTACTGCAAAAAGACGAGGTTTGTCACGGCTTGTGCGCAAGACATATCGCAGCAATCAGCGACGGGCAAGAAG GCAGACATACTTTCCATCGTAACGCAGCGTTAACAAAATACAGGTTGCGTTAACAACCAAGTTGAAATGATTTAATTTCT TAAATGTACGACCAGGTCCAGGGTGACAACATGAAAAACAAATTGTTATTATGATGTTAACAATACTGGGTGCGCCTGG GATTGCAGCCGCAGCAGGTTATGATTTAGCTAATTCAGAATATAACTTCGCGGTAAATGAATTGAGTAAGTCTTCATTTA ATCAGGCAGCCATAATTGGTCAAGCTGGGACTAATAATAGTGCTCAGTTACGGCAGGGAGGCTCAAAACTTTTGGCGGTT GTTGCGCAAGAAGGTAGCAACCGGGCAAAGATTGACCAGACAGGAGATTATAACCTTGCATATATTGATCAGGCGGG CAAATATTACACAGTATGGTACTCAAAAAACGGCAATTGTAGTGCAGAGACAGTCGCAAATGGCTATTCGCGTGACACAA CGTTAATTTCCATTCGACTTTTAAATCAATCCGATGGGGGTTTTACATGAAACTTTTAAAAGTAGCAGCAATTGCAGCAA  ${\tt TCGTATTCTCCGGTAGCGCTCTGGCAGGTGTTGTTCCTCAGTACGGCGGCGGCGGCGGTAACCACGGTGGTGGCGGTAATAAT$ AGCGGCCCAAATTCTGAGCTGAACATTTACCAGTACGGTGGCGGTAACTCTGCACTTGCTCTGCAAACTGATGCCCGTAA TGACCCAACGTGGCTTCGGTAACAGCGCTACTCTTGATCAGTGGAACGGCAAAAATTCTGAAATGACGGTTAAACAGTTC ATGAATACGTTATTACTCCTTGCGGCACTTTCCAGTCAGATAACCTTTAATACGACCCAGCAAGGGGATGTGTATACCAT TATTCCTGAAGTCACTCTTACTCAATCTTGTCTGTGCAGAGTACAAATATTGTCCCTGCGCGAAGGCAGTTCAGGGCAAA GTCAGACGAAGCAAGAAAGACCCTTTCATTGCCTGCTAATCAACCCATTGCTTTGACGAAGTTGAGTTTAAATATTTCC 
$\tt CCGGACGATCGGGTGAAAATAGTTGTTACTGTTTCTGATGGACAGTCACTTCATTTATCACAACAATGGCCGCCCTCTTC$ AGAAAAGTCTTAATTTGTTGAAATATCGAGCATAAGATGAATCTGGAGAAAGGTCTGCTGCGGAATCAGCCAACCTGAA AGTATGGATAACACACCCTCAAGGATGACTAATCATTGAGGAAATAGAATAAATGTTCAGACCTTTTTTAAACTCTCTT AATTGTGGAACCGGCATGTGACGTCAGCACCCAGTCATCACCCGTAGAAATGAACTGCCCACAGAATGGTTCTATTCCGG GCAAAACCTACTCCAGCAAAGCGTTAATGAGCGGCAATGTCAAAAAACGCGCCAAATAGCCTCAGTAAAAGTGCAGTATCTT GATAAACAGAAAAAGCTGGCTGTAATGAACATCGAATATAACTAAGTTCTGAACAACTCACGTTGCTGAGCAGAAAAAT  $\tt GCGATTTAACCAAAAAGCCTGCTGTACACTTAAGAAACAAGAAGGTGTAAGGAGGCGTTATGAAAACGCGTATTCATGTT$ GTGCAGGGTGATATTACCAAACTGGCCGTTGATGTGATTGTGAATGCGGCTAATCCGTCATTAATGGGAGGCGGCGGCGT  ${\tt CGATGGGGCCATTCATCGCGCAGCGGGTCCGGCCCTGCTGGATGCTTTTTAAAAGTCAGGCAACAGCAGGGCGATTGCC}$ GGTGGTGACAAAACGAAGACCAGCTTTTGCAGGATGCCTATCTCAATAGCCTACGACTGGTGGCGGCAAACAGCTATAC GTCAGTGGCTTTTCCTGCAATCAGTACTGGGGTTTATGGTTACCCTCGTGCGGCAGCGGCTGAAATCGCAGTAAAAACCG TTTCAGAATTTATTACCCGTCACGCTTTACCCGAACAGGTATACTTTGTCTGTTATGATGAAGAAAACGCCCACCTCTAC GAAAGACTCCTTACCCAACAAGGAGATGAATGATTTGCCCCGGCTGCGAGCGCGCTGCCACTGTGTTCGCAACATC TCCCGTCTTAATCGCCGTATGCACAATAAAAGTTTCACTGTCGATGGCGTGGTGACCCTGGTGGGAGGACGAAATATTGG TGATGCCTATTTTGGAGCAGGGGAGGAGCCACTTTTTTCGGATTTAGATGTCATGGCAATAGGACCCGTGGTAGAGGACG TTGCCGATGATTTCGCCCGCTACTGGTATTGCAAATCGGTTTCACCCTTACAGCAGGTGCTGGATGTCCCGGAGGGTGAA ATGGCGGATCGCATCGAGTTACCCGCCTCCTGGCATAACGATGCCATGACGCATCGTTATTTACGCAAAATGGAATCCAG TCCATTTATAAATCATCTGGTTGATGGAACATTGCCGCTTATCTGGGCGAAGACACGTTTATTAAGTGATGATCCGGCGA GATATTATCTCTTCCTATTTTGTACCGACACGCGCAGGTGTGGCGCAACTCTTACGGATGGTGAGAAAAGGGGTAAAGAT TGCGATCCTAACCAATTCTCTTGCCGCTAACGATGTTGCTGTCGTCCATGCCGGATACGCGCGCTGGCGCAAAAAATTGC TCCGCTATGGCGTGGAATTATATGAACTCAAGCCGACGCGTGAACAAGTAGTACGTTACACGATCGCGGCATAACCGGT AATTCCGGAGCCAGCCTGCATGCTAAAACCTTTAGCATCGATGGTAAAACGGTGTTTATCGGCTCTTTCAATTTCGATCC GCGTTCAACATTGCTCAATACTGAAATGGGCTTCGTGATAGAGAGCGAAACGCTGGCACAGTTAATTGATAAACGCTTTA TTCAGAGCCAGTATGATGCGGCCTGGCAGCTCCGTCTGGACAGGTGGGGACGGATCAACTGGGTTGATCGTCATGCAAAG AAAGAGATTATTCTCAAAAAAAGAACCCGCCACCAGTTTCTGGAAGCGGGTTATGGTCAGACTGGCGTCGATATTGCCCGTGGAATGGTTATTGTAAATGTGGCTTAACGGGCTGGTGCTTTATCGTTCTCACGCTTAACAACCGGTTTACCAGAGAACAA AAACTTCAGTAACGGGATGCGCAAATGAATTTCATACAGAATTATCGCAATCCCTACTACAAATATCAGGCCACAGAGAA AACAGCGATGCGTTAACAAAATAAGTCACCCGCGCTGACTGGAAGTTAAGCAAACGGTGGCCAAAGGAGAAGACCACATTTGAGTAAATAAGCGACAAACGCCAATGCTGCTGCAAGGGTACAGCCACGAGACGGCGTGGTAAACAAGGCTTTAAGATGA GGGAAAATGAAAGCCAGTGCGCCGAGGATAAAGAACGGCAAATAAAACAGCGTTTGCATGACAATAAAATTGAACATGCC  ${\tt CCGATAGTTTTACCATCGAGAATTTTTTATTCGTTTTATCAGAATTTTCTAAATTATTTCTGATGCGCTTAAATATCCAT}$  ${\tt ACGCACAGCGTCGTCATGACCACTAACACCAGTAAAAACCACAGGTGTGATATTAATTCCCAGGCCAACGTATTATATTT}$ GTCATACAATGACAGCCCAGGCCAACTTTCCGCTTTTCCTTTGACATATTGCAGCATAATAAATTGCGGTAATGTCAGTA  $\tt GGGGGATGGCTGTTAACATCGGGATACCTACACGTTCGACACGTACTTTCCACCATTTTTTCAAGGGATAGCGTAAAAAA$ AGCATGTAGGAAAAGTAGCCGGATATAACGAAAAATACCTGCATGCGGAACGAGTGGATGAAGTCATTAAAAAGGGTCAG CCACAATGATGATTCGGCGCTATTCACATGCCATGTATGGCTCGAATAGATTAAAGAAATATGAAAAGGTATCCCTAACA ACATCAGCCAGGCGGGATGGAGTCGAGGAAATATTCACGTTGCGCGGGTACTGGGTTCATATATGGTTAACTAATCTCG GATTTTTCGTCTTATCCCTGTCGGGTTATGCCTTTAGGCTTGTTGCCATAGTGACACCGACCTGACCGCCCAGGCGCAG TGCTGGCAAACCCTACACGAAGTCGATGCTTCTGTCTTTAGGAGAAGCACGGAAAGTGAAAACGGTTGCAATCAGGTGCT TAATCCATGAGCCAGCGTGCTGAACGATACCGGGATTCTGTTGTCGGAATGGCTGGTTATCCATTAAAATAGATCGGATC  ${\tt CAGTTTAATCATGACAAAGCGTACTGGAACAATCTGAAGACCCCATTCAAACTCGAGTTCTACCATCAGGGTATGTACTT}$ CGATACCCCGGTCAAAATAAATGAAGTGACTGCCACCGCAGTCAAACGAATCAAATACAGCCCGGATTATTTCACTTTCG GCGATGTTCAGCATGACAAAGATACGGTAAAAGACCTTGGCTTTGCCGGTTTTAAAGTGCTTTACCCGATCAACAGCAAA GATAAAAACGATGAAATCGTCAGCATGCTCGGGGCCAGCTATTTCCGCGTGATTGGTGCAGGTCAGGTTTATGGCCTTTC TGCCCGCGGCCTGGCAATTGATACCGCCTTGCCATCGGGTGAAGAATTTCCGCGCTTCAAAGAGTTCTGGATCGAGCGTC  ${\tt CAAAACCGACTGATAAACGTTTAACCATCTATGCATTGCTTGACTCGCCGCGTGCGACAGGTGCTTACAAATTCGTGGTT}$ GTTAACCAGTATGTTCCTGTTTGGGCCGAACCAACCGTCGCCTGCAAATAACTATCGTCCGGAGTTGCACGACTCTAACG GTCTCTCTATCCATGCCGGTAATGGCGAATGGATCTGGCGTCCGTTGAATAACCCGAAACATTTAGCGGTCAGCAGCTTC TCCATGGAAAACCCGCAAGGCTTTGGTCTGTTGCAGCGCGGTCGTGATTTCTCCCGCTTTGAAGATCTCGATGATCGTTA  ${\tt ACGATGAAACCAACGATAACATCGTCGCTTACTGGACGCCGGATCAGCTGCCGGAGCCGGGTAAAGAGATGAACTTTAAA}$ TACACCATCACCTTCAGCCGTGATGAAGACAAACTGCATGCGCCAGATAACGCATGGGTGCAACAAACGCGTCGTTCAAC GGGGGATGTGAAGCAGTCGAACCTGATTCGCCAGCCTGACGGTACTATCGCCTTTGTGGTCGATTTTACCGGCGCAGAGA TGAAAAAACTGCCAGAGGATACCCCGGTCACAGCGCAAACCAGCATTGGTGATAATGGTGAGATAGTTGAAAGCACGGTG CGCTATAACCCGGTTACCAAAGGCTGGCGTCTGGTGATGCGTGTGAAAGTGAAAGATGCCAAGAAAACCACTGAAATGCG TGCTGCGCTGGTGAATGCCGATCAGACGTTGAGTGAAACCTGGAGCTACCAGTTACCTGCCAATGAATAAGACAACTGAG TACATTGACGCAATGCCCATCGCCGCAAGCGAGAAAGCGGCATTGCCGAAGACTGATATCCGCGCCGTTCATCAGGCGCT GGATGCCGAACACCGCACCTGGGCGCGGGAGGATGATTCCCCGCAAGGCTCGGTAAAGGCGCGTCTGGAACAAGCCTGGC  $\tt CAGATTCACTTGCTGATGGACAGTTAATTAAAGACGACGAAGGGCGCGATCAGCTGAAGGCGATGCCAGAAGCAAAACGC$ GCGCTATCTGGCTCGTTTGACCAAAGAAGAGCAGGAGCAGCAAAAGTGGCGTACCGTCGGTACCATCCGCCGTTACA TTCTGTTGATCCTGACGCTCGCGCAAACTGTCGTCGCGACCTGGTATATGAAGACCATTCTTCCTTATCAGGGTTGGGCG  $\mathtt{CTGATTAATCCTATGGATATGGTTGGTCAGGATTTGTGGGGTTTCCTTTATGCAGCTTCTGCCTTATATGCTGCAAACCGG$ TATCCTGATCCTCTTTGCGGTACTGTTCTGTTGGGTGTCCGCCGGATTCTGGACGGCGTTAATGGGCTTCCTGCAACTGC TTATTGGTCGCGATAAATACAGTATATCTGCGTCAACAGTTGGCGATGAACCATTAAACCCGGAGCATCGCACGGCGTTG ATCATGCCTATCTGTAACGAAGACGTGAACCGTGTTTTTGCTGGCCTGCGTGCAACGTGGGAATCAGTAAAAGCCACCGG GAATGCCAAACACTTTGATGTCTACATTCTTAGTGACAGTTATAACCCGGATATCTGCGTCGCAGAGCAAAAAGCCTGGA TGGAGCTTATCGCTGAAGTCGGTGGCGAAGGTCAGATTTTCTATCGCCGCCGCCGCCGCCGTGAAGCGTAAAAGCGGT AATATCGATGACTTCTGCCGTCGCTGGGGCAGCCAGTACAGCTACATGGTGGTGCTGGATGCTGACTCGGTAATGACCGG TGATTGTTTGTGCGGGCTGGTGCGCCTGATGGAAGCCAACCCGAACGCCGGGATCATTCAGTCGTCGCCGAAAGCGTCCG GTATGGATACGCTGTATGCGCGCTGTCAGCAGTTCGCGACCCGCGTGTATGGGCCACTGTTTACAGCCGGTTTGCACTTC TGGCAACTTGGCGAGTCGCACTACTGGGGACATAACGCGATTATCCGCGTGAAACCGTTTATCGAGCACTGCGCACTGGC TCCGCTGCCGGGCGAAGGTTCCTTTGCCGGTTCAATCCTGTCACATGACTTCGTGGAAGCGGCGTTGATGCGCCGTGCAG GTTCCTGACGGCGTGATGTCTTATCTCTCCGCTCCGCTGTGGTTTATGTTCCTCGCGCTCTCTACTGCATTGCAGGTAG TGCATGCGTTGACCGAACCGCAATACTTCCTGCAACCACGGCAGTTGTTCCCAGTGTGGCCGCAGTGGCGTCCTGAGCTG GCGATTGCACTTTTTGCTTCGACCATGGTGCTGTTGTTCCTGCCGAAGTTATTGAGCATTTTTGCTTATCTGGTGCAAAGG AACGAAAGAATACGGCGGCTTCTGGCGCGTTACATTATCGTTGCTGCTGGAAGTGCTTTTTTCCGTGCTGCTGCTCCGG TACGCATGCTGTTCCATACGGTCTTCGTTGTCAGCGCGTTCCTTGGCTGGGAAGTGGTGTGGAATTCACCGCAGCGTGAT GATGACTCCACTTCCTGGGGTGAAGCGTTCAAACGCCACGGCTCACAGCTGCTGTTAGGGTTAGTGTGGGCTGTTGGGAT TTTCCAGCCGTGCCACCGTTGGTCTGCGCACCAAACGCTGGAAACTGTTCCTGATCCCGGAAGAGTATTCGCCGCCGCAG GTGCTGGTTGATACCGATCGGTTCCTTGAGATGAATCGTCAACGCTCCCTTGATGATGGCTTTATGCACGCAGTGTTTAA GCCACGTTGAACAGGCGCTGAACGACGCCAGAGAAGCTGAATCGCGATCGTCGCCTGGTGCTAAGCGATCCGGTG  ${\tt ACGATGGCCCGTCTGCATTTCCGTGTCTGGAATTCCCCGGAGAGATATTCTTCATGGGTGAGTTATTACGAAGGGATAAA}$ GCTCAATCCACTGGCATTGCGTAAACCGGATGCGGCTTCGCAATAAAAACGTAGTTGCCTGATGCGCTACGCTTATCAGG TCATGGTGACCTTGCTGAGTGGCTGTGGCAGCATTATTAGTCGCACTATACCGGGGCAGGGGCATGGCAACCAATATTAT  $\tt CCTTCCTCGGTATCCAGCGGTGGCTCAAGCTGAAATTCCCCCTCGTCCCATTCATGTAATGTATTCTCTTCCTGCCACTC$ CTTCTTCCCCTTCGTCGGCAAAAAACTCAACTTGCCACATGATGTCGCCGTCCTGCAAAACGTATTTTTGGGCATTGAAC TGTTGCACATTCGCATCTTCGGCGTCGATGCCGGGGTTGTCTGCAAGAAATTCTTCGCGTGCAGCGTCAATGGCTTCTTC  ${\tt AAGCGTTGCGTACATGGTCATCACGATTCTCCCTTTGAGTTGATGAGGTTTCAGGGAAAAGGATAGCTGATTCTCCGCTT}$ TTGCAAGTATGAAAGGCGAAAAATCAGTTCGATACCTGGGGTATTCGACGACGACGTAGACTGTTCCATGAATAGACTGC GTTGAATAACACTACGCCAGCGGTGACGAGAAATACCGCTCTGAAACCGTAGTTCGCTGAAATCGCTGCTCCCATCAATG GTCCGGTAACGTTGCCAATATCACGAAACGATTGGTTATAGCTGAAGATACGCCCGGCGATCTGGTTGCTCGAGTTGTAA ACCAACAGTGTCTGTACGGCGGGGAGTAGTGCACCATCGGCGGCACCGAGCAAAAAACGTAAAATCCCAAGTTGCAATGG  GATCGCCAAGTTTGCCGAGTCGTGGTGCACTTAGCAGAGCCGCCACGCCTGGCACCGAGGCGATCATGCCACTGATAAAG  $\tt GCGACGTTACTGACGTTACCCGCCAGTTCGCGGACATACAGCGTCAGAATGGGGGCCAATTGAGCCCGTCGCCACCTGGATGAGCCCGTCGCCACCTGGATGAGCACGTTACTGAGCCCGTCGCCACCTGGATGAGCAGAATGGGGGGCAATTGAGCCCGTCGCCACCTGGATGAGCAGAATGAGCGTCAGAATGAGCCCGTCGCCACCTGGATGAGAATGAGCGTCAGAATGAGCCCGTCGCCACCTGGATGAGAATGAGCGGTCAGAATGAGCCCGTCGCCACCTGGATGAGAATGAGCCCGTCGCCACCTGGATGAGAATGAGGGGGCAATTGAGCCCGTCGCCACCTGGATGAGAATGAGAGAATGAGGGGGCAATTGAGCCCGTCGCCACCTGGATGAGAATGAGAGAATGAGGGGGCAATTGAGCCCGTCGCCACCTGGATGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAATGAATGAGAATGAATGAATGAA$ GATTAACGTAGTGACAAACAGGCTGAGTACCAGTTTCGGGTTTTTAAGTGATGTCACCACTTCCCGCATGTGCAGCATCT ATAAAGAATACCGGACGTAAGCCGTAGCTATCGGCGAGCAGCCACCACTTGGGCCGAGCAACGCACCACTAACGCC GCCTGTGGAGAGCGTACCCAGCCGCCCAGCCGCTTTTATTACGCGGTACTTGTGTGGCGATAAGAGCATTAGCGTTGGGGA CAAATCCGCCAAGTAACCCAAGAAGCGCCCGCAGGATCAAAAACTGCCAGATATTTTGTGCCAGCCCCATCAACACCATC
ACGATGCCCATGCCGAGGGCAGAGCGTAATAGCATGAGTTTTCGGCCTTTACGGTCGGCGAGTCCACCCCAAAACGGTGA GGCGATGGCCGAAAATAAAAATGTAATGCTGAAGACAATACCGGACCACATATTCAGGGCGGAGTGACCGGTAACGCCAA GCTGCTCAACGTAGAGGGGTAAGAAGGGCATTACCAGACTGAAGGCGCACCGGTAAGAAAACAGCCTAGCCAGGCGACG ATCAGGTTTCGTTTCCAGTTTATAGGGGTGTCATTTTCACAGGGTGACATAGCAATCCGCTGTTGGTGCGCCAGGCGCGG TGAACATAAGAAGAAAAGATAAGCACACTAATTATGCGCCCGACTTCCAGGGGGCGCAATCCAGAGAGCTTTTATCGCTA AATCAGGGGGATTTGCTGTGGTAATGCCGGATGCCATTCTGAAGCATCCGGCATGGGAGATTTAATAGCGTGAAGGAACG  $\tt CCTTCCGGGCGTGTTTTAAAGCGACGGTGTAACCACATATACTGCTCTGGTGCCATCATGATGCATTTTTCGACCACTTT$  $\tt GTTCATCCACGCGGCGGTAGTTTCGGCATCATCCAGTGGCGGAGAACACTCTGGCGGCAGCATAATCAATTGATACCCTT$ TGCCATCTGGCTTACGGCGTGGAACGAAGGGCACCAGACATGCGCCGGACATCCGTGCCAGCATCCAGGTTCCGGTCGTG GTCGCAGCCTGCTCAACGGCAAACACGGGACGAAAACGCTTGAGCGCGGGCCGTAATCATGATCCGGTGCGTACCAGAC  ${\tt CCCAGGTTTGTAGCCAGTCAATCAGTGGATTATCGTTCGGGCGATAAACGCCAATACCCGGTTCCTGCATACCAAACTGC}$  ${\tt CGCGCACCCAGCTCCAGTGTCAGAAAATGGATGCCAACTAACAGGATGCCGCGTTTTTTGCGCCTGCACGTCACGAATGTG}$ TTCCATGCCGATCACTTCCGTCCAGCGGGCGATTCGGCGGTCCGGCCAGAACCACGCCATGCCGGTTTCCATCAGGCCCA TGCCAACGGATTCGAAATTCTTCACCACCATTTTACGGCGTTCTTGTTCGCTCATTTCCGGGAAGCACAGTTCCAGGTTG CGATGCACAATTTTTGCGCGTCGTTTCATAAAACGTAACGCCAGTTTTCCTAATCCACAACCGAGGCGGTAGATAACCGG GTAGGGCAATTGCACGACTAACCAAAGTACGCCAATACCCAACCAGGTTAACCAATAACGCGGATGAAGCAGTGCGGTGG CGCAACCAAAATTTGTGGCTGAAGACTGGGCGAAATTGCCGCGCTTGTAAATAACAAATAATTTTTAATGCGCAAATGTA GCGTAAAATGTGTGGATGTTAATTATCGATAATTGCTATATCATGCCGCGGATTTTTACTTTCCCATCTCGCAGGAACCG TACACCATGCCAGTGTTACACACCGCATTTCCAACGACGCGCTAAAAGCCAAAATGTTGGCTGAGAGCGAACCGCGAAC TGAATGTTTTTGGGCGAGTGTATCTGGCGCATGAGGGCATTAACGCGCAAATCAGCGTACCTGCGAGCAATGTTGAAACA TTTCGCGCGCAGCTCTATGCCTTCGACCCGGCTTTAGAGGGGTTTACGCCTGAATATCGCGTTGGATGATGACGGGAAATC CTTCTGGGTACTGCGCATGAAGGTACGCGATCGCATTGTTGCCGACGGTATTGACGATCCTCACTTTGATGCCAGCAATG TTGGTGAGTATCTGCAAGCGGCGGAAGTGAACGCCATGCTTGACGATCCCGATGCACTATTTATCGACATGCGTAACCAC TATGAGTATGAAGTGGGGCACTTTGAAAACGCGCTCGAAATTCCGGCAGATACCTTCCGTGAGCAGCTGCCAAAAGCAGT CGAGATGATGCAGGCACATAAAGATAAAAAAATCGTCATGTACTGCACCGGCGCATTCGTTGTGAAAAGGCCAGTGCCT GGATGAAACATAACGGATTCAACAAAGTCTGGCATATCGAGGGCGGAATTATTGAATACGCCCGTAAGGCGCGCGAGCAG GGCTTGCCGGTGCGTTTTATTGGCAAAAATTTTGTTTTTTGACGAGCGGATGGGCGAACGTATATCGGATGAGATTATCGC GCATTGCCACCAGTGCGCGCGCGTGCGACAGCCATACCAACTGTAAAAATGATGGCTGCCACCTGCTGTTTATTCAGT GTCCAGTATGCGCGGAAAAATACAAAGGTTGTTGTAGTGAGATTTTGCTGCGAAGAAAGCGCGTTACCGCCAGAAGAACAG CGACGCCGTCGGGCAGGACGTGAAAATGGCAATAAGATCTTTAATAAGTCTCGTGGACGTCTGAATACAACACTGTGCAT TCCTGATCCAACAGAATAAATATCATTGCCGGATGCGTGCCATCCGGCAACATTTCACGCTTACTTCTGCTGTACGCCTT TTGCCTGTGGATATTTTGCGGTATTGAGGAAATCTGCACTGCGAAGATGTTTATCGCGTTCGGCGTGATTAGTATCGACG  $\tt CTGGTGGTGTTAATTGTCACATTCACTTTATCGGCAGCCGGATTTTTTTCGTCAAAGGTAAAAGTACCGTCGAAATCTTT$ A AAAGGTGCCGTATAACCAGCTATAGCCAAGGTGCTGGATGCGGAAATTAACAAAGGCGTGCTGACCTTCTTTGTCAATTTTGTAATCGGCGCCAACCGCTGAACCGCCAGAGAACATCAGGGACGCGAAGGTTAAACCAAGCAGGCTTTTTTTCATTTTT TATACTCCATAGTCAGATGACGACTTTCCCAGCATGCGCTTCAGAGTGTCGTCTTTATCGATGAAATGATGCTTCAGGGC CATAAATCCGTGCATAACGGACAGTACTACGACGCTCCACGCGAGCCAAAAATGCAGGGCACCGGCAAAGTCTGCCTGTG  $\tt CGCCAGCGTCGGCAAGGGTCGCGGGGACGTCAAACCAGCCAAAAACCGTTGATCGGTTTACCATCGGCAGTTGAGATCAGA$ ATAACTCGGCAGCGGACCCGGCGGTGGAGATATGACACGCCACAGAACGCGAATAACCAGCCCCATCATTAACAAAATAC CGATGCTTTTATGCAGTTCGGGTGCTTTGTGATACCAGCCATCGTAATAACTGAGCGTGACCATCCACAGACCTAAAGCA AACATGCCGTAGACAATAATTGCGCTTAGCCAATGGAAGGCCGCAGATATAACACCATAGCGTTCAGGGGTATTTGTGAA AATTGAATGATATTTATTTTATTTCAATAATTTTGAATTAATGAAAGAATCTTCATAAGTTTAGTGGGTTCAGCAT CAGAGATGTCTGGTGAGTGCTGTAGAAGCAGGAATAATCTCATTCAATTTTTCACGCTAAATGAAAGGAGATTAAATAT TTGTCAGTTTATGTCAGTGCGGAAAACTAAAAATAAAACACATAGATCAGATCCATAATTGCCAACAATCCCCAGAGAAA AAGATAAAGCATCAGATGCTCGCGAATATTATTGATGAGATAGTGCAACAGCCGACGCATTAAATACTCCTGTAAAAACG  $\tt GCCTCATTCTGGAGGCCGTAATGATGATTATTGGAAGCGGGAAAGCCTGAATGGCGTCAAATCAAAATCGCTTTTTTTGT$ GCAGCAACCGATACCCGGCAATACATTGCGCAAGAACGGGAAGGCTTCTGACCCATCACTGGCCACTTCCGCAAACGGAA TAATATTGATCGCCATTGGGCAGTTCACCGGTAAACGCCGGGAATTTATTCTTCACGCTATAGCGGCCATCGGCCTGATA TTGAACAGTTGCGCACAGCCCGCTTCCTTCGCCAGTTGGATCCAGGTTTTAATCGCCAGTTCGCTGCGCAAAAAACCGGA ATCAGTTTCAAATAAGCCGATGTAGTTGTCCGGGACGCGTATTTCCGGCCAGCGGGCCATAATCCCTTGCGCATCGAGCT ACGCCAGAGCGTACAAAAATGGGATCTTCTTCGTTGTGGCGGGAGAGTTCATCCCACAGCGTTTGCGCGCGGAGGACCAG  ${\tt CGGGACATACTTTTCGCCTTCACCATAAGCATGGCGAATTAATCGCGTATCGCCGTGGTGGCTGCCGTGTTGATGCGGTG}$ GCATATGGGCGTCGGTCATTAGCACGTTTAAACCGGCGCGGGTTGCATAATACCCGGCGGCAGCGCCTACGGAACCGCTG  ${\tt CCAATAATGATGAGATCGTATTTCATTTTTTCTCTCTGCTCTCATGGTTTAAGCAGAGTAATTAACTGAATGCAGATAT}$ A CAACCCAGAAATGGTAAAGGCACCGGTGAGGTGCCTTTTGGGTGGATGGTCATGTTAATGACGCCGATACTCGTATCATAGCTATCAACGGTGCTGATGTCCCACCCTACGAGCGGATGAGTCTGAATGACTTCATTATTTTTTTCCATCATGG TAAGGGTATTCACCGAATTTTTAAAGGGGGAAACAGATAAATTTCTGCTTTTAAGATTAATGAACAATAAAACAGCAT TAAAAAAGCCGGGGCGACCCGGCAAAAAAAATCACTGCATATTATTCGCTGACAAACCAGTCATCGGCGCTTTCCCACGT TTCCTGGAGAATTTCACTAATGCGCTGTTTATCTTCTTTTTGTCGCGCCCAATAACCGATAAATTATTCGCTGCGGCATAAC ACAGGTAAAATAACCTAATGACAACAGGAAGCTACGATTTTTATTGTTTAACGGACCAGCGTACCGTTTCCCCGGCGAGG  ${\tt AATGGCACCAGCGTGTCATCAGTCAGTGCGATGCTTTCAGCAACCTGTTGCTCTTCACGTACCAGTTCGATGAATGTGTCCTTTCAGCATGCAGTAGCAGTTCGATGAATGTGTCTCAGGTAGCAGTTCGATGAATGTGTCTCAGGTAGCAGTTCGATGAATGTGTCTCAGGTAGCAGTTCGATGAATGTGTCTCAGGTAGCAGTAGCAGTTCGATGAATGTGTCTCAGGTAGCAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACAGTACAGTACAGTACAGTTCGATGAATGTGTCTCTTCAGGTACCAGTTCGATGAATGTGTCTCTTCAGGTACAGTACAGTACAGTAGAATGTGTCTCTTCAGGTACAGAGTACA$ GCATGTGGCGCAGAATCCGTACCGAGGAATACTCGATTAAAACCGCTGGCGACCAGTTCACGCAATGCCTGTTGGTGAAT ATTACGTTTGAGGATGGGTAGACAATACAGGTGCGGACGCCCCCCAACCAGCATATGGTTGCGGTTAAACATCAGAT AAAACGACTTTCAGCGCAGTCAGGCGCTGGCGCAGAGGTTCCATCACGCTTTCTATAAAGCGCGCTTCACGATCAAAAAT GTCGATATCTGCATGTCACCTTCACCATGCACCAGTAGCGGCATACCGATTTTTTCCATGCGCTCAAGTACCGGCATGA  $\tt TTGCGTCAATTGACGTCACGCCGTGGCTGGAGTTAGTGGTTGCGTTTGCCGGGTAAAGTTTTGCAGCGGTGAACACGCCT$  TCGTTAAATCCGCGCTCCAGCTCATTAGGATCCAGCGAATCTGTTAAATAACAGGTCATCAATGGGGTGAAATCGTGCCC GGCAGGTACGGCGTCAAGAATACGCTGGCGATACGCCACGGCAGCCTCAACGGTGGTCACGGGCGGAGCCAGATTGGGCA TTACGATAGCCCGTCCATAAATTTCGCTGGTATATGGCACGACAGTTTTTAACATGTCGCCCATCGCGGAGGTGAAGGTGC  ${\tt CAGTCGTCTGGGCGGGATCTTTAATACCTGGGATGGTGCAGTCATTAATCTCTATGCTCCGGCTGAAGGGATGTTTTT}$ GCCGGACACAAAGGATAAGCGGAAACGTTTTCCTTTGCACGAAAAATAAAGGGCGCGAATGCGCCCTCGTGATTAATCAG TAAATGGAATGACAATTTCGCCTGGCTTCACTTCAATGCCTTTCGCCAGTTTTTTCGCCATTGCTTCGCCCTGGCTGCCA TCTTCGCGCAGGACGTAAGCAGGTTGCTGGTTAAAGTAATTGCGTAATGCCTGGTTCAAATAGGGAAGCAACGTTTGCAT  $\tt CACCGTTTGCATTTTTCCGGTTGTACCGTCGCATCGACCACTTCCATCTCTTTCAGGAAGATCGCACCTTTTTCTTTAT$ TCTCCGGTTAGGGTAACCTTATTCGGCTCTTCGCGACCAATTTGGCTGGTCAGGTTTGTCAGAACAATATGGGCGTCAGC ATTGGGTGAGTTGATTACAGCCAACGAGCAGCCACTGACGATCAATGCAGCGGCAAATAAAAACTTGTTCATGGTAGTC CTCGACATGAAATCTGCGTCAATATCCTGACACACGCAGCATGTGTCACCAGCGATAAACTCGCCAGCAGAAAAAACTG AAAACGGCGGCAACCCGCGAATACAGGCTGCCGCGGGGTCAGGATTAAATCGCCATTGATGATAACAAATTGATTTGTGTCTGTTTCGCCATATTATCGCGGTAATCAGCAACGCGGCTTGGCCAGTTAATTCCGGCTACCAGCGTCAGATTACGCAG TAGCGGGAATAGCTGAATATCATCTTCCGAAAGTTCGCCATTCACGGCGTTCGGTTTGACGATCAGTTTGTCCAGCGCAC GTAAATCATCGCTGATATTCTTAATCAGACCGTCAGAGTGGGCCAGCAGGTCGGCAAAATTACCCGCGCTGGCCTCTTTC TTGTCGACGAAATATTTGCGCGCGGGGGGGTAGAAAACTCATCAAATGCCGATTTGGCAAAACGCGGCAACAGCAGTTT GTTGGCGTAGCCATTGACCTTGCGCAGCCACTCTTCAATGGCAGGGGAACGTTTGCCGGTCAGTAACGGTTTGCCGTCGA GTTTATCGACATAGTGAACGATGTCCATGCTTTCTGGCATATAGCGGCTGTCATCTTTTTGCAGAATGGGAACCTGTTTT TGACCGACCATCCGGGTGGTTTTCTGCGTCGTCGTTGAGCAGAACATGTAATTCGACGGGGATATTTTTCAGGCCGAA AATCATGCGGGCTTTGAGGCAGTAAGGGCAGTGATCGTAAATGTATAGCTTCACGTGACTCCTCCATTTGGCTGTCAGTT CGATTTGCCCAGGTCAAACAGCCAGCCGCCACCGATATAACCAATAGCGCCGCCAATCGCCAGACCCAGACGGCTAAACC ATATAAAACAGACAAATCAGGGTGAAAAGTTGTTGCAGGCCGCTGACCATGCCCACCGGCATCATGCTTAATGACATTAT AGCATCACTTGTACAGCCAGCATGTAGTAACCCGCCAGCGTCAGAACATAGGTGACAAAACGCTTGTCACGCATCACGCG GGTCATGCCTTCGCGAACGGCGTGCGTACGGTGGAGAGTTTCCATGCTGGTAACAACCACGCATTGAACGCCGCACATA ACCGCACCGCCACTGTCCTGCATCATCAACAGCGAGAAAAAACGACCACGCTGCTGTGGACGGATTAATTTCACCACCAG CGCCGAACGCGGCGGATCAAACAACGTGCCACCGAGTCCCGAGAGCAGGCATGAAAACCACAATAGCCACGGTTCGTGGG CGATACCCATTGTGGCGAATCCGGCGCGCGCATCAGCATACCGGTAACAATCATCGGTTTGGCACCAAAGCGGTCGGCA ATTGCACCGCCGAAAATACCCAGACCTTGCTGAATAAATTGGCGTAGACCGAGAGCAATACCGACCATGACGGCGGCCCA GCCCATTTGATCAACGAAGCGGATAGAGATCAGCGGGAAGACAACAAGAACCCCCAGCACCACCATATTATCGATGA GCAGGAAATATTTACCCAGGTTCCTCGCCTGCGACACGCGGGACATTTCCCCTCCCGGGAAATAAAAGATGAGCACTTTC TATTCTGCATTGCCGCTAAGACTTTTCCCATCACTTCGGGGACAATATTTTTTTATCAAAACGTCGCTTTGATAGAGAGT TTTTATCAAATATGTGAATAATGCAGAAAATGGCATTTTGGACTTTTCACAGGGTCTGGTTGCGCAGGTATAGTAATACT
TACAGCGTATTAAAGACGTTACGGGAAGGAGTAGGTATAGAATGTTTGGCTATCGCAGTAACGTGCCAAAAGTGCGCTTA TTTCCTCAAGCCCTGGGAGCCAGTGCGCGACGAAAGCCACTGTTATCCATCAGGCTGGCAGGCCAGGCTGGGGATGATTA TTTTCCAATGTTGTTCGTGGCTCTTTTCATGCCTGCTATCTCGGTTATTCGATTGGGCAAAAATGGCAGGGCAAAGGACT CATGTTTGAAGCCCTGACCGCAGCCATTCGTTATATGCAGCGCACCCAACATATTCATCGCATTATGGCTAATTATATGC  ${\tt CGCACAATAAACGCAGCGGTGATTTACTGGCGCGACTGGGTTTTGAAAAAGGAGGCTATGCGAAAGACTATCTGTTGATT}$ GATGGACAATGGCGCGATCACGTACTGACGGCATTAACTACCCCAGACTGGACGCCCGGCCGCTAAGGAGAATCTCATGA CTCTCAGTCAATGGTGTAGTCACGGCCTGTAATCAGAAAACGAACCGTGAACCGGTCATGAATCTGAGTGAATCCGAAGT GCAGGAACAGCTGGATAATCTGGTCAAACGTCATTATCTACGCACAGTGAGCGGTTTTTGGTAATCGGGTCACCAAATATG AGCAACGTTTTTGTAATTCAGAATTTGGCGATCTGAAACTGAGCGCAGCGGAAGTGGCGTTAATCACCACGTTGTTATTG CGTGGTGCCCAGACGCCAGGTGAACTGCGCAGCCGCCGCGCGCAATGTATGAATTCAGCGATATGGCGGAAGTGGAGTC GACGCTGGAACAACTGGCAAATCGCGAAGATGGTCCTTTTGTGGTGCGTCTGGCCCGCGAACCGGGTAAACGCGAAAACC GCTACATGCATCTTTTCAGTGGTGAGGTTGAAGATCAGCCGGCGGTGACGGATATGTCGAACGCGGTTGACGGTGATTTA  $\tt CAGGCCCGCGTCGAAGCCCTGGAAATCGAAGTGGCAGAACTGAAACAGCGTCTTGATTCGTTGCTGGCCCATCTGGGAGA$ TTAAAGTGAAAAAATTACGTATCGGCGTAGTGGGATTAGGTGGCATTGCGCAAAAAGCGTGGTTACCGGTGCTGGCGGCA TGGTCAGTACGTTACTCAATGCGGGGGTACATGTCTGTGTCGATAAACCGCTGGCAGAAAATCTGCGCGATGCTGAACGG  $\tt CTGGTGGAACTGGCGGCGGGAAAAACTGACGTTGATGGTCGGTTTTAACCGTCGTTTCGCACCACTCTACGGTGAGTT$ AAAAACGCAACTCGCCACCGCAGCCTCGCTAAGAATGGATAAACATCGTAGCAATAGCGTCGGGCCACACGATCTTTATT ACGCTACTGACTAACGACGCTGGCGAAATGCTGTTTTGCCGAGCACCATTTTTCGGCTGGTCCTTTGCAGATCACCACCTG GCGAATGGCGTGAGGAGCGCGGCAGGGCGTAGTGCATAAACCGATTCCTGGTTGGCAGAGTACGCTTGAGCAACGTGGG TTTGTCGGCTGTGCGCGCACTTCATTGAATGTGTGCAAAACCAGACAGTTCCGCAAACCGCCGGCGAACAGGCCGTGCT GAATTTATTAAAATCGCTGGCCGCCGTCAGCTCGATGACCATGTTTTCGCGTGTGCTTGGCTTCGCACGAGACGCAATTG TCGCCAGAATCTTTGGCGCAGGGATGGCAACCGACGCCTTTTTCGTCGCTTTTTAAACTTCCTAACTTGTTACGCCGTATC TTTGCCGAAGGGGCATTTTCCCAGGCATTTGTACCGATTCTGGCGGAATATAAAAGTAAGCAGGGTGAAGACGCCACGCG GGTCTTTGTCTCTTATGTTTCTGGCCTGACACTTGCGCTGGCGGTTGTGACGGTCGCTGGCATGCTCGCCGCACCGT TTTCCCTATATCTTGCTGATCTCCCTGGCGTCGCTGGTGGGAGCGATTCTGAATACGTGGAACCGCTTCTCGATTCCGGC GTTTGCTCCAACACTGCTTAACATCAGCATGATTGGTTTCGCGCTGTTTTGCCGCACCGTACTTTAACCCACCGGTGCTGG CGCTGGCGTGGGCTGTTACGGTCGGCGGCGTCCTGCAGCTGGTGTATCAGCTACCGCACCTGAAGAAGATCGGCATGCTG GTCCTGCCGCGCATTAACTTCCACGATGCCGGAGCAATGCGCGTGGTGAAACAGATGGGACCGGCGATCCTTGGCGTCTC TGTGAGCCAGATCTCCTTAATCATCAACACCATTTTTGCCTCGTTTCTTGCTTCCGGTTCCGGTGTCTTGGATGTATTACG TTTGCCAGTGGCAATCATGATGAATACAACCGTTTGATGGACTGGGGGTTGCGTCTTTGTTTCCTGTTGGCGCTGCCGAG TGCGGTTGCGTTGGGCATTCTTTCCGGTCCGTTGACCGTTTCGCTGTTCCAGTACGGTAAATTTACCGCGTTTGATGCGC TGATGACCCAGCGGGCGTTAATTGCCTACTCGGTGGGTTTGATTGGCCTGATTGTAGTGAAAGTGTTGGCTCCTGGCTTT TATTCCCGCCAGGACATTAAAACGCCAGTGAAAATTGCCATCGTTACGCTGATTTTAACGCAAATTGAACCTGGCGTT TATTGGTCCGTTGAAACATGCCGGGCTGTCACTTTCTATTGGTCTGGCGGCGTGTCTGAATGCTTCGCTGCTTTACTGGC AGTTGCGTAAGCAGAAAATCTTTACCCCGCAACCCGGCTGGATGGCGTTTCTGTTGCGTCTGGTGGTGGCGGTACTGGTG  ${\tt ATGTCTGGCGTGCTTTTAGGTATGTTACATATCATGCCGGAGTGGTCATTGGGTACCATGCCCTGGCGTTTACTGCGTTT}$  ${\tt AATGGCGGTCGTGCTGGCGGGGATTGCCGCGTACTTCGCTGCACTGGCGGTACTGGGCTTCAAAGTTAAAGAATTTGCCC}$ ATGGGTTGTTGAGGTCTGACCGTTCGCCCCATATAGCGTCGGTTCCTGATGCGGTTTCAACATTTCCAGCGCCTGTTGAT TGCGCTCAATCTGTCCTTCCAGTAACCAGCCGTTATGTTGATTCATTTGGCGTAGTTGCTGCGTTTTCACAGTAATTTCC TGCCAGCGTTGACTAATATCAACGCTATTTGCTGTATTGGGTTCTTTCCTGCGTAACTGTTCGAGGTAATCCAGCGTCGC  ${\tt CAGCAGTGAGCTTTTTTGTTCTGTAATCCATTGCAACTGGCTGCCGTTGATCTGCCCCATAGAGAGATGTTGCTGCTCTT}$ GATCCATTACCGTTTTGAGATCGTTAAGCACAGCGGACATCTGGTCGAGGATCTCTGCAAGACGTGTCATACGATCAGTT   $\tt TTGAACGGTGCTTACAGGCCTTCAGAGGCGAAGTGCGATCAATACTCATGGTTTATTCCTCATTGAGGGCGCTTTTATCAT$ GTGTTGCTTATTTATCGGCAAGGGACGGGTAATCTTTAACAGCTTACAGGTTTATAAGAATATTCCCATCTGCATCAACA TGCGTTGGCGCTAAACCCATCACCGCTGGCGATCACATTGACGCGTTGTCCCGCTTTTACCCGCCATGCCTGGCGAAACT GGGTTAACTGGATAGGTTGATCGGGTGATAGATCGCCCAGGCTAATGGCATCAACAAGTTGATATCCAGCACCGTA CGCGGCAACCACATAATTTCCTGTGGCCTGTACATTAACCTGTAAATATCGTTTGTCGTTACCGCAGCGTGCCAACACAT TCACATTGCCCCACAGGCGGGAATTATTGCTCATCGAAAGCAATGGCTGCTCGCATGGCGGTAGTAGATTGGGCGCTGTA CGAATAGAAACACGAACCTCATCACTTACCCCCGCGAGTTGGGCGCTAAAAAAGTTGTGCAATTGCGATGTGAGATTGCT CGCCGTACTTAACGGACTGAACAGTATCGCGATGATCGCCACGCTACGTTTTATTATCAGCATTTTCGCCCCCAGCCATT TCTACAACGTGAATTGTACCTGTCCGCAATGACCATCAACGGCATAAATAGCGACCCATTTTGCGTTTATTCCGCCGATA  $\tt CCCCTGGTTATCAGGCGCGCGATATCGATTTTGCCAGTGAACTTAAAAAAGTCATGCAACGTGGACGGGATGCAACCAGT$ GTGGTTGCACTGACGATGACCTCAACGCAACACATTCCGGCGCAGGCGCTGACGCCTCCTACCGCAGAACTGCAATACCG TATTCCGGACCAGCCTTCGCTTGACGGTAATACCGTCGATATGGATCGCGAACGCACCCAGTTTGCCGATAACAGCCTGC AATACCAGATGAGCCTTAGCGCGTTGAGCGGGCAAATCAAAGGCATGATGAACGTTTTACAGAGCGGAAATTAACGGATG GCACTGCTGAATATTTTTGATATCGCCGGGTCGGCGTTAACTGCCCAGTCCCAGCGCCTGAACGTGGCGGCCAGTAATCT AATCCGCTGGCAGATGCAAAGGGCTACGTAAAAATGCCGAACGTTGATGTTGTCGGAGAGATGGTTAACACCATGTCGGC GTCACGCAGCTATCAGGCCAATGTTGAAGTGCTCAACACGGTGAAAAGCATGATGCTGAAAACCCTTACGCTCGGTCAAT AAAGGAGAAAGCTATGTCCATTGCGGTAACCACCACCGATCCGACAAATACCGGCGTCAGTACCACCAGCAGTAGTTCGC TCACGGGCAGCACGCCGCAGATTTACAAAGCAGTTTTCTGACTTTGCTGGTGGCGCAGCTGAAAAACCAGGACCCGACC AATCCAATGGAAAACAACGAGCTGACGTCGCAATTGGCACAAATCAGCACGGTCAGCGGGATTGAAAAACTCAATACCAC GCTCGGATCTATTTCCGGACAGATTGATAACAGCCAGTCGTTACAGGCCAGTAACCTGATCGGTCACGGCGTGATGATCC TTAGCGCCAGTAACGGTGGTACACAACTGGTTGCCCAGCCGCTGCAGTTTGCTCTGGTGCAGGGTGTGATCCGCGGCAAC AGCGGTAATACGCTGGATCTCGGCACTTACGGCACCACCACCCTCGACGAAGTACGGCAGATAATTTAAGCCTTCACATT ATATCGCCAACTCCGCCACCTACGGCTTTAAATCAGGCACGGCCTCTTTTGCCGATATGTTTGCCGGTTCGAAAGTGGGA  $\tt CTGGGGGTAAAAGTTGCCGGTATCACTCAGGACTTTACCGATGGCACCACCACACACCGGGCGAGGTCTGGACGTTGC$ TATCAGCCAGAACGGTTTTTTCCGTCTGGTAGACAGCAACGGTTCGGTGTTCTACAGCCGTAACGGACAATTTAAGCTGG ATGAAAACCGTAACCTGGTGAATATGCAAGGTTTACAGCTGACGGGTTACCCGGCAACCGGTACGCCGCCGACTATTCAG CAACCTGAATTCCAGTGATCCGCTTCCTACTGTTACGCCATTCAGCGCCAGCAATGCGGATAGCTATAACAAAAAAAGGTT GTCTACACCCAGGATAGCAGTGATCCAAACAGCATTGCGAAGACAGCGACAACACTGGAATTTAATGCTAATGGCACATT  ${\tt AGTGGATGGTGCGAATAATATCGCAACCGGCGCAATTAACGGTGCAGAACCCGCCACGTTTAGTCTGAGCTTCC}$ TCAACTCCATGCAGCAAAATACCGGCGCTAACAATATTGTGGCAACCACCCAGAACGGCTACAAACCGGGCGATCTGGTG AGTTATCAAATCAATGATGACGGTACGGTTGTCGGCAACTATTCCAACGAACAACCCAACTGCTGGGGCAGATTGTACT GGCGAACTTTGCCAACAACGAAGGTCTGGCATCCGAAGGCGACACGTCTGGTCTGCGACGCAATCTTCTGGCGTGGCGC TGTTGGGGACAGCCGGGACGGGAAACTTTGGCACCCTGACCAACGGTGCGCTGGAAGCGTCCAACGTCGATCTCAGTAAA GAACTGGTCAATATGATCGTTGCCCAGCGTAACTATCAGTCTAACGCCCAGACCATCAAAACCCAGGACCAGATCCTCAA  TTTACGCGCGGTGCCAGTGGAAGGGCTTTCTCTGCCCACGCGCACGTTGGTCACGCCGTCAACGCCGGGCGCAGATATGA GATAGGCGAGGCTGGGCCAATTGCTGTGCCGGAAGGGGCGGAAATCACTATTGCTGCCGATGGCACAATCTCGGCGCTCA ATCCGGGCGATCCGGCAAATACGGTTGCGCCAGTAGGGCGTCTTAAACTGGTGAAAGCCACGGGCAGCGAAGTGCAGCGC AAAGGATACATGACAAGTATAAGTTGCCCGATGCGCAAGTTTATCGGGTCTATGGGGGCAATCGCAATTTATCGATTTTG CGAGCACTTGTAGGCCGGATAAGGCGTTTACGCCGCATCCGGCAAGAAGACATATGCACTTTGTCACTAATCCACTACAG GACATTTTATGATCAGTTCATTATGGATCGCCAAAACGGGCCTTGACGCCCAGCAAACCAATATGGACGTCATTGCCAAC GCCGGGGGCACAGTCTTCCGAACAACCACCTTACCCTCCGGATTACAAATCGGCACGGGGGTACGCCCGGTCGCCACTG AACGCTTACACAGCCAGGGAAACCTGTCGCAGACCAACAACAGCAAAAGATGTCGCGATTAAAGGGCAGGGCTTTTTCCAG GTGATGTTGCCAGATGGTTCATCAGCCTATACCCGTGACGGCTCTTTCCAGGTGGATCAGAACGGGCAGCTGGTGACGGC TGGTGGTTTTCAGGTGCAGCCAGCGATCACCATTCCGGCGAATGCGTTAAGTATCACCATCGGTCGTGATGGCGTGGTCA GCGCTTACGAAATCAACAGTAAAGCGGTGTCCACCACCGATCAGATGCTGCAAAAACTGACGCAACTCTAAGGCTTAACC GGTGGCAGGTTCACCGGTTTACTGATTTTTGAAGATGATAGCCATGCAAAAAAACGCTGCGCATACTTATGCCATTTCCA  $\operatorname{GCTTGTTGGTGCTTTCACTAACCGGCTGCGCCTGGATACCCTCCACGCCGCTGGTGCAGGGGGGGCGACCAGTGCACAACCG$ GTTCCCGGTCCGACGCCCGTCGCCAACGGTTCTATTTTCCAGTCTGCTCAGCCGATTAACTATGGCTATCAACCGCTGTT TGAAGATCGTCGACCACGCAATATTGGCGATACGCTGACCATCGTGTTGCAGGAGAACGTCAGCGCCAGCAAAAGCTCCT GCTCGTGCCGATGTCGAAGCCTCCGGTGGTAACACGTTCAACGGAAAGGGCGGGGCCAATGCCAGCAATACCTTTAGCGG AGGGTACCGAATTTATTCGCTTCTCTGGCGTGGTTAATCCACGCACTATCAGCGGCAGCAATACCGTACCGTCTACTCAG GTGGCGGATGCGCCATTGAATACGTAGGCAATGGCTACATTAACGAAGCGCAAAATATGGGCTGGTTGCAGCGTTTCTT GGCTCAGGCTGAGCGTATTCGCGATCTCACCAGTGTTCAGGGGGGTAAGGCAAAACTCACTGATTGGCTATGGTCTGGTGG TGGGGCTGGATGGCACCGGTGACCAGACACCCAGACGCCGTTTACCACACAAACGCTTAATAACATGCTCTCACAGCTG GGAATTACCGTTCCGACGGGCACCAATATGCAGCTAAAAAACGTCGCTGCGGTAATGGTGACAGCGTCACTTCCTCCGTT TGGACGTCAGGGGCAAACCATCGATGTGGTGGTTTCTTCCATGGGAAATGCCAAAAGCTTGCGTGGAGGTACGTTGTTGA TGACACCGCTTAAGGGCGTTGACAGTCAGGTGTATGCGCTGGCGCAGGGCAATATTCTGGTTGGCGGCGCAGGAGCCTCC GCTGGCGGTAGCAGTGTTCAGGTTAACCAACTGAACGGTGGACGGATCACCAATGGTGCGGTTATTGAACGTGAATTGCC AGTTCCCAGGTCCGCTTCCTTGCCGATATTCAGAATATGCAGGTTAATGTCACCCCGCAGGACGCTAAAGTAGTGATTAA AAATCATCTGATGATCAGCGACAGCAAACTACTGGCAAGTGCGGCCTGGGATGCGCAATCACTCAACGAACTAAAGGCGAGATTGCCCAACAGATGACGGCGGGCAAAGGTCTGGGGCTTGCAGAGATGATGGTTAAACAGATGACGCCAGAACAACCAT TGCCAGAGGAGTCCACGCCAGCAGCACCGATGAAATTCCCGCTCGAAACTGTGGTGCGTTATCAAAATCAGGCGCTTTCG CAGCTGGTGCAAAAGGCCGTGCCACGTAACTACGATGATTCGCTGCCGGGTGACAGTAAAGCATTCCTCGCGCAACTCTC GCTGCCCGCCCAACTGGCAAGCCAGCAAAGCGGTGTGCCACATCATTTGATCCTCGCTCAGGCGCACTGGAATCTGGTT GGGGGCAACGGCAAATCCGCCGCGAAAACGGCGAGCCGAGCTATAACCTGTTTGGTGTCAAAGCCTCTGGCAACTGGAAA GGGCCAGTTACTGAAATCACCACGACTGAATATGAAAACGGCGAAGCGAAGAAAGTAAAAGCGAAGTTTCGCGTCTACAG GTGCGGAACAGGGGCCCAGGCCCTACAGGACGCGGGCTATGCCACCGATCCTCACTATGCCCGCAAACTCACCAACATG ATTCAGCAGATGAAATCGATAAGCGACAAGGTGAGCAAAACCTACAGTATGAACATTGATAATCTGTTCTGAATAACTCA AGTCCGGCGGGTCGCCGATAATACTCTGTAATTGAAGGCTTATAAGGAACCTCCATGTCCAGCTTGATTAATAACGC CATGAGCGGACTGAACGCGGCCCAGGCGGCGTTAAATACGGCAAGTAATAATATCTCCAGCTATAACGTTGCCGGATATA  $\tt CCCGCCAAACCACTATTATGGCGCAGGCCAATAGCACGTTGGGCGCTGGCGCTGGCTTGGCAATGGTGTCTACGTTTCT$ GGTGTGCAGCGTGAGTATGATGCGTTTATTACCAACCAGTTACGTGCGGCGCAGACGCAAAGTAGCGGTCTGACTGCCCG CTATGAGCAGATGTCGAAAATCGACAATATGCTCTCCACCAGTACCTCTTCGCTGGCAACACAGATGCAGGATTTCTTCA AATCAGTTTAAAACCACCGATCAATATCTGCGCGACCAGGACAAACAGGTCAATATCGCGATAGGTGCCAGCGTTGATCA GATCAACAACTACGCTAAACAAATTGCCAGCCTGAACGATCAAATCTCGCGCCTGACAGGCGTGGGGGCAGGGGCGTCAC  $\tt
CTAACAATCTGCTGGATCAACGCGATCAACTGGTGAGCGAATTAAACCAGATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTTGGTGTAGAAGTCAGCGTTCAGGATTAGAACTAGAATTGTAGAATTGTTAGAATTGTTAGAATTGTTAGAATTGTTAGAATTGTTAGAAT$ GGCGGCACTTATAACATCACGATGGCCAATGGTTACTCACTGGTTCAGGGAAGTACGGCGCGCAACTGGCGGCAGTTCC TGAATACCGGGTCGCTGGGCGCATTCTGACATTCCGTTCTCAGGATCTGGACCAGACGCGTAATACGCTTGGACAACTG GCGCTGGCATTTGCCGAGGCTTTCAACACCCAACACACAAGCCGGATTTGATGCTAACGGCGATGCCGGTGAAGATTTCTT TGCTATCGGTAAGCCCGCGGTTCTGCAAAACACGAAAAACAAAGGTGACGTTGCGATCGGTGCCACGGTAACTGATGCCT  ${\tt CCGCGGTACTGGCGACAGATTACAAAATCTCGTTCGATAATAATCAGTGGCAGGTCACCCGCCTTGCCAGCAATACCACT}$ TTTACGGTGACGCCGGATGCCAACGGTAAAGTGGCATTTGATGGTCTGGAGTTGACGTTTACAGGAACGCCTGCCGTTAA CGACAGCTTCACGCTGAAACCAGTAAGTGACGCCATCGTCAACATGGATGTATTAATCACCGACGAAGCGAAAATAGCGA TGGCGAGCGAAGAAGATGCGGGTGATAGCGATAACCGCAACGGTCAGGCCCTGCTGGATCTGCAAAGCAACAGTAAAACG AGTACGGAAATCTGCAACGTTTTCAGCAGTATTACCTGGCGAATGCGCAGGTTCTGCAGACGGCAAACGCGATTTTTGAT GCGCTGATTAACATTCGCTAAGGGGAGATAAGATGCGTTTCAGTACACAGATGATGTACCAGCAAAACATGCGTGGTATC  ${\tt ACCAATTCTCAGGCAGATGGATGAAGTACGGCGAACAGATGTCGACGGTAAGCGAGTCGTTAACCCTTCTGACGATCC}$ CATTGCTGCATCACAAGCCGTAGTTCTCTCCCAGGCACAGGCGCAAAACAGCCAGTACACGCTGGCGCGTACTTTCGCCA CTCAAAAAGTGTCACTGGAAGAGTGTACTTAGCCAGGTCACCACTGCTATCCAGAATGCTCAGGAAAAAATTGTCTAC GCCAGCAATGGCACCTTGAGTGACGATGACCGGGCCTCGCTGGCTACGGATATTCAGGGGGCTTCGTGACCAGTTGCTGAA TCTGGCAAACACCACTGACGGTAACGGCGCTACATTTTTGCCGGTTATAAAACAGAGACTGCGCCGTTTAGCGAAGAGA GACAAAATTTTCGACAGTATTACCAGCAACGCGGTAGCGGAACCAGACGGTAGCGCTTCTGAAACCAATCTTTTTGCCAT GCTGGATAGTGCCATCGCAGCCCTGAAAACGCCGGTCGCGGATAGCGAAGCGGATAAAGAAACCGCCGCTGCGGCGTTAG ATAAAACCAACCGCGGACTGAAAAACTCGCTGAACAATGTGCTGACTGTTCGCGCGGAATTAGGCACGCAGCTGAACGAA GAATGCAACTATTTCATCTTACATCATGCAGCAAACGGCATTGCAGGCATCGTATAAAGCATTTACCGATATGCAGGGAT ATCGCTGGGGCGGCATTTTTTTGCCTATTTTGCATTGTTGGTTAGCAAGGATGCCATTCGATGAATTTTAATATGTTGA TTCAAAGATGAAATAAAAAAGCCCTGGCAGTTACCAGGGCTTGATTACTTTGAGCTAATTATTACTCAACAGGTTGCGGA  $\tt CTGCCAGTCACTGTGACGCGGTGCCTCCGGAACATATTCCGGTGCTGGAGCGCGCGTCATTGGCGCGGTAGCGTGGTTAT$ TGAGCAACACTTCAGGTTCAGCAACTACAACCTCAGCAGTTTCGACAACTTCTTCAATATCTGCCGTCTCTTCCTGCGG TTCAACCACCGGTTCTGCTTGTTCTGCAACTTCCTGGGCTACGGCAACATCAGACTCGGTAATCACCTGCGGCTGTTCAG TTACCGCGGCAGCGATCACTTCAGGATGCGTCGTTTCAACCACTTCCGGTTGCGGTTCGGCAACCTGAACGGGGGCTTCT  ${\tt ACGACACCGGCCACTTCTTCAACAACTGGCGCGCTAACAACCGGTTCGATAGCGGCGGCGACAGGGACCTCAGTCACCAT}$ AGACTTTGCCAGAGGCCAGTTCCGGAGACGCGCACGCTACGGTCAACGGCATTGGCGACTGGGTTGGATAACGCTCGTCA CGATAGCGACGACGCTGACCACTTACGCGCAGGTGACGAGGCGGCGAGAACGACGCGGCATGCCACCGTTGTC TGCGTGGAGCTGGCGCTTCCTGAACAATTGGTTCGGCAGCGACAGTTTCTTCAACCACCGGTGCGACTACCGCTTCTTCG GCTACGCTTTGCTCGTAACGCACTTTCTGATTGAGCTGACGCTGTTTACGACGCGGCTGAACCGGACGTACACGTTCTTC GGCGGCGGCTACGTTCACGACGCGCGCTTGCTGCTCGTCGGCGGTACGCGCTTTTTCCGTTACCTCAGCCTGCTGACGG  $\tt CTCTCACGCGTCTCGGCAGTCTGCTGTGCCTGGCGACGATTACGACGGTTTTCTTCGCGATTATCGCTGCCTTCAGT$  $\tt CCGAAGAAGCGGCTCAACAGCCCAGGTTGTGCAGGAGCTGCTGGTGTTGCCGGTGCAGCTTTCGGTGCTGGAGCTACAAC$ GCTTACGTTCAGCGAACTCTTCTTCAGACGGCAGCGCCATCGCTTCTTCATGCAGCTTCGGCAGCATGTAGCTTAAGGTT GGGGTTTCTTCCCCTTTACGCACGCGCACCACGTGGTAGTGCGGGGGTTTCCATCTGATCGTTTGGCACAATTACACAGCG TTGTCACGCACGGTGCCAGTACCAGAACACGCGGACAAACGTGATGACTGGATTCACCCAGTGATGGGCTCAGGCGCTG GACGGTTTTCTACCGCACGCTGGTGGCGTACTGGCGTCATGTCGATGAAGTCGATAACAATCAGGCCGCCGAGGTCACGC CGCGCGTGCGGAGTTGATGTCGATGGCCGTTAACGCTTCGGTGCTGTCGATAACAATGGAACCACCAGACGGCAGACGAA ATTTTGCTGCTGAAATCCGGGCGACCTAATGCAGCGATATGCTGACGTGCCAGTTCGAGCACTTTCGGGTTATCGATAAG GATTTCGCCGATGTCCTGACGTAAGTAATCGCGGAATGCGCGAACGATTACGTTGCTCTCCTGATGAATCAGGAACGGGG  ${\tt CCGGGCGGCTTTCAGCGGCTTTTTTGATGGCTTCCCAGTGTTTCAGACGGAAGCTTAAATCCCATTGCAGCGCCTCAGCA}$ GATTTGCCGACGCCAGCGGTGCGCACGATAAGCCCCATGCCTTCCGGCAGTTCAAGGCTTGCCAGTGCTTCTTTTAATTC  $\tt CCAGACTGATAAAGGTGGTTAATGCCGCGCCTTTGTTGCCGCGCTCTTCTTTATCGATCTGAACAATGACTTCCTGACCT$ TCACGCAACACATCTTTAATGTTGGGACGACCATGAGCACTGTAGTTAGCAGGGAAATATTCGCGGGCAATTTCTTTTAG TGGGAGGAAACCGTGACGTTCAGCGCCCGTAATCAACAAAAGCAGCTTCCAGACTCGGTTCAATGCGGGTGATTTTACCTT TGTAGATGTTTGCCTTTTTCTGCTCGTGCCCTGGACTTTCGATATCCAGGTCATACAGACGCTGCCCATCTACAAGGGCA AAGCTGCGGGCAAAGTAACGCCTTTCCGGGTGTGAACCGATGGCCTCGTGTCTAGTCGCGTCGCCAACCTCACGGTTATC GTCAGCTCAAAGAGGCGCAGAGTGTCGGTTGCCCGTTTTTCATGCGGAAAAACAGCGCAATTATCAAAGAAACAGACTGG GTATTACTCTCCAGAAATATTTCCATCTACCGGTAAGGACTGCAACCCGCAGCCCGCTAACTGCCTGAAAGATCAATACG TCTTACGCCATTGCTGCGTGGATGATCGGTCGGGCAAAATGGGTTATTCCGTAAAATTTCTTGTTTTAACAAGGATGGAC TTTTTCACTTCTTGCTGGTGATTGGTTTAATAACCATCAATAAAGTGATCACGCAGTGAAGTAATAAGGTGCAAAAGTA AATATAAGCATAGAAAAATGAGTGGCGCGAATCCTGTTGGCTAATTAGAATCGCCAACCATGAAAACAGAGACTCCATCC GTAAAAATTGTTGCTATCACCGCTGACGAAGCGGGGCAACGTATCGATAACTTTTTGCGTACCCAATTGAAAGGCGTACC AAAAAGTATGATTTACCGTATTTTGCGTAAAGGCGAAGTGCGGGTGAACAAAAAACGTATTAAGCCTGAATATAAACTCG AAGCGGGTGATGAGGTGCGTATTCCACCGGTTCGCGTTGCTGAGCGGGAAGAAGAGGCGGTTTCGCCACATCTGCAAAAG GTGGCGGCGCTGGCGACGTCATCTTATATGAAGATGATCACATCCTGGTGCTGAATAAACCTTCCGGTACGGCGGTACA  $\tt TGGCGGCAGTGGTTTAAGCTTCGGCGTTATTGAAGGTTTGCGGGCGTTGCGCCCGGAAGCGCGGTTCCTTGAACTGGTTC$  ATCGTCTTGACCGGGACACCTCAGGTGTTTTGCTGGTAGCGAAAAAACGCTCGGCGTTGCGTTCTCTGCATGAGCAATTA AAGTGGAAGACGCTATGCATTTGCCACCCTGGTGCGTTGTAGCCCGGTAACAGGGCGTACTCACCAGATCCGTGTGCAT A CACAATATGCGGGTCATCCGATTGCCTTTGACGATCGCTACGGTGACCGTGAATTTGACAGGCAGCTCACTGAAGCAGGAAGCTCCGATGGATGAAGGTTTGAAGCGTTGTTTGCAAAAGCTGCGTAACGCGCGCTAATACAAGCATATAAACCTGATA ATGGGCGGTTGGCCTGATAAGGCGTTTACGCCGCATCAGGCCGCCAGCACCGATTGCCGGATGCGACGTAACCACATCCG AGCGTGTTAGGATCACGCCCCTCTAAACGCTCAAACAGCGTAATGCCAAATCCTTCACTCTTAAAGCTACCCGCGCAGTG  $\tt CAGGGGATGCTCTTTACGCACGTAATTATCAATCTCCGCCTCGCTCAGGTGACGGAAATGGACGTCAAAAGGCTCCACTT$  $\tt CTGTTTGCAGATGCCCATTCGCCGAATTAAACACGCCAGTCCAGTATAGAAGGTGACGATATTGCCGCTGGCTTTGCGT$ AATTGCAGACGGCATTTTCTTCCGTTAACGGTTTACCGGTGATTTCGCCATCAAGAACACATACCTGGTCTGAACCAAT AATTAAATGATCCGGATAACGTGACGCCAGAGATTGCGCTTTTTCTTGTGCCAGTCGAAGCACCAACTGTCGCGGTGATT  $\tt CGTCGCTGCGTGGGGTTTCGTCGACCTCTGGTGCTGCACATTCAAAAGAGATTTGCAGTTTTTCCAGAAGAGGCGCGACGC$  $\tt CATGGCGAGGTGGAGGCTAAAATAAGTTTAGGCATATTTTTTTCCATCAGATATAGCGTATTGATGATAGCCATTTTAAA$ CTATGCGCTTCGTTTTGCAGGTTGATGTTTGTTATCAGCACTGAACGAAAATAAAGCAGTAACCCGCAATGTGTGCGAAT TATTGGCAAAAGGCAACCACAGGCTGCCTTTTTCTTTGACTCTATGACGTTACAAAGTTAATATGCGCGCCCCTATGCAAA AGGTAAAATTACCCCTGACTCTCGATCCGGTTCGTACGGCTCAAAAACCGCCTTGATTACCAGGGTATCTATACCCCTGAT  $\tt CAGGTTGAGCGCGGATCCGTAGTCAGTGTGGACAGTGATGTGGAATGCTCCATGTCGTTCGCTATCGATAACCA$  ${\tt ACGTCTCGCAGTGTTAAACGGCGATGCGAAGGTGACGCTAACGCTCGAGTGTCAGCGTTGCGGGGAAGCCGTTTACTCATC}$ AGGTCTACACAACGTATTGTTTTAGTCCTGTGCGTTCAGACGAACAGGCTGAAGCACTGCCGGAAGCGTATGAACCGATTGAGGTTAACGAATTCGGTGAAATCGATCTGCTTGCAATGGTTGAAGATGAAATCATCCTCGCCTTGCCGGTAGTTCCGGT GCATGATTCTGAACACTGTGAAGTGTCCGAAGCGGACATGGTCTTTGGTGAACTGCCTGAAGAAGCGCAAAAGCCAAACC CATTTGCCGTATTAGCCAGCTTAAAGCGTAAGTAATTGGTGCTCCCCGTTGGATCGGGGATAAACCGTAATTGAGGAGTA GCAAGGTCATCGCTAAGTAATCACGCATCTGCGTGATGAAGCTTAGTGAGGATTTTCCCCAGGCAACTGGGGAAAGACCA GCCTGTGTCAGTGCCGGTAATACCGGGGCGCTGATGGGGCTGGCAAAATTATTACTCAAGCCCCTGGAGGGGATTGAGCG TCCGGCGCTGGTGACGGTATTACCACATCAGCAAAAGGGCAAAACGGTGGTCCTTGACTTAGGGGCCAACGTCGATTGTG ACAGCACAATGCTGGTGCAATTTGCCATTATGGGCTCAGTTCTGGCTGAAGAGGTGGTGGAAAATTCCCAATCCTCGCGTG GCGTTGCTCAATATTGGTGAAGAAGAAGTAAAGGGTCTCGACAGTATTCGGGATGCCTCAGCGGTGCTTAAAACAATCCC TTCTATCAATTATATCGGCTATCTTGAAGCCAATGAGTTGTTAACTGGCAAGACAGATGTGCTGGTTTGTGACGGCTTTA AAACGGTCGTGGTGGCTACTGTTATTAAAGCGTTGGCTACAAAAGAGCCTGACGAGGCGATTCAGTCACCTCAACCCCGA  $\tt CCAGTATAACGGCGCCTGTCTGTTAGGATTGCGCGGCACGGTGATAAAAAGTCATGGTGCAGCCAATCAGCGAGCTTTTG$ CAAGTGACGGTATATAACCGAAAAGTGACTGAGCGTACATGTATACGAAGATTATTGGTACTGGCAGCTATCTGCCCGAA AGCCGATCAATACGTGAAATCTGGGGCGGTGAAGTATGCTCTGGTCGTCGGTTCCGATGTACTGGCGCGCACCTGCGATC ATTTCCACCCATCTGCATGCCGACGGTAGTTATGGTGAATTGCTGACGCTGCCAAACGCCGACCGCGTGAATCCAGAGAA TTCAATTCATCTGACGATGGCGGGCAACGAAGTCTTCAAGGTTGCGGTAACGGAACTGGCGCACATCGTTGATGAGACGC GTGCGCGCTGGATGAAGCTGTACGCGACGGGCGCATTAAGCCGGGGCAGTTGGTTCTGCTTGAAGCCTTTGGCGGTGGAT TCACCTGGGGCTCCGCGCTGGTTCCTTCTAGGATAAGGATTAAAACATGACGCAATTTGCATTTGTGTTCCCTGGACAG GGTTCTCAAACCGTTGGAATGCTGGCTGATATGGCGGCGAGCTATCCAATTGTCGAAGAAACGTTTGCTGAAGCTTCTGC GGCGCTGGGCTACGACCTGTGGGCGCTGACCCAGCAGGGGCCAGCTGAAGAACTGAATAAAACCTGGCAAACTCAGCCTG CAGTTCCTGTTGTGAATAACGTTGATGTGAAATGCGAAACCAATGGTGATGCCATCCGTGACGCACTGGTACGTCAGTTG TATAACCCGGTTCAGTGGACGAAGTCTGTTGAGTACATGGCAGCGCAAGGCGTAGAACATCTCTATGAAGTCGGCCCGGG  ${\tt
CGGCGCTCGAGCTTTAAAAGAGGAAAATCATGAATTTTGAAGGAAAAATCGCACTGGTAACCGGTGCAAGCCGCGGAATT}$ GGCCGCGCAATTGCTGAAACGCTCGCAGCCCGTGGCGCGAAAGTTATTGGCACTGCGACCAGTGAAAATGGCGCTCAGGC AAAAAATTCGCGCAGAATTTGGTGAAGTGGATATCCTGGTCAATAATGCCGGTATCACTCGTGATAACCTGTTAATGCGA GTTGTTGCTCCGGGCTTTATTGAAACGGACATGACACGTGCGCTGAGCGATGACCAGCGTGCGGGTATCCTGGCGCAGGT  $\tt CTGCGTGGTTATGAGTAATAATTAGTGCAAAATGATTTGCGTTATTGGGGGGGTAAGGCCTCAAAATAACGTAAAATCGTG$ GTAAGACCTGCCGGGATTTAGTTGCAAATTTTTCAACATTTTATACACTACGAAAACCATCGCGAAAGCGAGTTTTGATA GGAAATTTAAGAGTATGAGCACTATCGAAGAACGCGTTAAGAAAATTATCGGCGAACAGCTGGGCGTTAAGCAGGAAGAA GTTACCAACAATGCTTCTTTCGTTGAAGACCTGGGCGCGGATTCTCTTGACACCGTTGAGCTGGTAATGGCTCTGGAAGA AGAGTTTGATACTGAGATTCCGGACGAAGAAGCTGAGAAAATCACCACCGTTCAGGCTGCCATTGATTACATCAACGGCC ${\tt ACCAGGCGTAAGTGAACATCTCCAGGCGGTCGTTCGACCGCCTGAGTTTTATCTTTTTGTCCCACTAGAATCATTTTTTC}$  $\tt CCTCCCTGGAGGACAACGTGTCTAAGCGTCGTGTAGTTGTGACCGGACTGGGCATGTTGTCTCCTGTCGGCAATACCGT$ AGAGTCTACCTGGAAAGCTCTGCTTGCCGGTCAGAGTGGCATCAGCCTAATCGACCATTTCGATACTAGCGCCTATGCAA ATTCAATATGGAATTGTCGCTGGCGTTCAGGCCATGCAGGATTCTGGCCTTGAAATAACGGAAGAGAACGCAACCCGCAT TGGTGCCGCAATTGGCTCCGGGATTGGCGGCCTCGGACTGATCGAAGAAAACCACATCTCTGATGAACGGTGGTCCAC GTAAGATCAGCCCATTCTTCGTTCCGTCAACGATTGTGAACATGGTGGCAGGTCATCTGACTATCATGTATGGCCTGCGT GGCCCGAGCATCTCTATCGCGACTGCCTGTACTTCCGGCGTGCACACATTGGCCATGCTGCGCGTATTATCGCGTATGG CATTATCTACCCGCAATGATAACCCGCAAGCGGCGAGCCGCCCGTGGGATAAAGAGCGTGATGGTTTCGTACTGGGCGAT GGTGCCGGTATGCTGGTACTTGAAGAGTACGAACACGCGAAAAAACGCGGTGCGAAAATTTACGCTGAACTCGTCGGCTT TGGTATGAGCAGCGATGCTTATCATATGACGTCACCGCCAGAAAATGGCGCAGGCGCAGCTCTGGCGATGGCAAATGCTC TGCGTGATGCAGGCATTGAAGCGAGTCAGATTGGCTACGTTAACGCGCACGGTACTTCTACGCCGGCTGGCGATAAAGCT GAAGCGCAGGCGGTGAAAACCATCTTCGGTGAAGCTGCAAGCCGTGTGTTGGTAAGCTCCACGAAATCTATGACCGGTCA   ${\tt ACCTGGATAACCCGGATGAAGGTTGCGATCTGGATTTCGTACCGCACGAAGCGCGTCAGGTTAGCGGAATGGAATACACT}$ TAAAAGGTCCGCTTGCGGGCCTTTTTTCTTAGCTTTTATTCCGACTTGTTCCGTAGTGAACATGCTGCCACACTAACAAT TCTCTGATAAGGAGCCGGTATGTTCTTAATTAACGGTCATAAGCAGGAATCGCTGGCAGTAAGCGATCGGGCAACGCAGT TTGGTGATGGTTGTTTTACCACCGCCAGAGTTATCGACGGTAAAGTCAGTTTGTTATCGGCGCATATCCAGCGACTACAG GATGCTTGTCAGCGGTTGATGATTTCCTGTGACTTCTGGCCTCAGCTTGAACAAGAGATGAAAACGCTGGCAGCAGAACA  ${\tt CGCGGATTCTCTCCGTTACGGCTTATCCTGCACATTACGACCGTTTGCGTAACGAGGGGGATTACGTTGGCGCTAAGCCCG}$ GTGCGGCTGGGGCGCAATCCTCATCTTGCAGGTATTAAACATCTCAATCGTCTTGAGCAAGTATTGATTCGCTCTCATCT TGAGCAGACAAACGCTGATGAGGCGCTGGTCCTTGACAGCGAAGGGTTGGGTTACGGAATGCTGTGCGGCTAATTTGTTCT TTGTAATGCGTTAATGCCAGTGATGCCCGTATGTGCCTGTGGCGATGTCTCCTTTTCGTCAGCAACGTTATATGAATATT TAGCCCCACTTTGTGAGCGCCCGAATTAGTCATGAAAAAAGTGTTATTGATAATCTTGTTATTGCTGGTGGTACTGGGTA  ${\tt TCGCCGCTGGTGTGGGGCGTCTGGAAGGTTCGCCATCTTGCCGACAGCAAATTGCTTATCAAAGAAGAAGACGATATTTACC}$ ATGGCTGCTGCGTATCGAACCGGATCTTTCTCACTTTAAAGCCGGGACTTACCGCTTTACACCGCAGATGACCGTGCGCG AGATGCTGAAATTGCTGGAAAGCGGTAAAGAAGCACAGTTCCCTCTGCGACTGGTAGAAGGGATGCGTCTGAGCGATTAC CTCAAGCAATTGCGTGAGGCCCCGTATATCAAGCATACGCTGAGCGATGATAAGTACGCCACCGTAGCGCAGGCACTTGA TACTCAAGCGAGCGCACAAGAAAATGGTGAAAGCGGTCGATAGCGCCTGGGAAGGGCGTGCGGACGGTCTGCCTTATAAA GATAAAAACCAGTTGGTGACGATGGCATCAATTATCGAAAAAGAAACCGCCGTTGCCAGTGAACGCGATAAGGTTGCCTC ATGGCAAACTTTCTCGTGCAGACCTGGAAACGCCGACAGCGTATAACACCTATACCATTACCGGTCTGCCGCCAGGTGCG ATAGCGACGCCGGGGGCGGATTCGCTGAAGGCTGCTGCGCATCCGGCAAAAACGCCCGTATCTCTATTTTGTGGCCGATGG TAAAGGTGGTCACACGTTTAATACCAATCTTGCCAGTCATAACAAGTCTGTGCAGGATTATCTGAAAGTGCTTAAGGAAA GCTCGAGCAACTGGGTATCCGCGACATGGTTTTCACTCGGGAAACCTGGCGGTACGCAACTTGCCGAAAAGTTAAGAAGCC GGCGTATCAGGGCGGCGGACGTGGTATTGACCAACATATGCTGGCAACACTGCGTGATGCTGTTCTCGGGGATTTTCGCC GAGCAAGAATCTTTCGATTTCTTTAATCGCACCCGCCCCGCTATCTGGAACTGGCACCACAAGATAAAAGCATTCATAC TACTCATTCAGGCGTTACCGGGCATGGGCGATGATGCTTTAATCTACGCCCTGAGCCGTTATTTACTCTGCCAACAACCG GTGGTGCGAAAGTCGTTTGGGTAACCGATGCTGCCTTACTAACCGACGCCGCGGCTAACGCATTGCTGAAAACGCTTGAA GAGCCACCAGCAGAAACTTGGTTTTTCCTGGCTACCCGCGAGCCTGAACGTTTACTGGCAACATTACGTAGTCGTTGTCG GTTACATTACCTTGCGCCGCCGCCGGAACAGTACGCCGTGACCTGGCTTTCACGCGAAGTGACAATGTCACAGGATGCAT TACTTGCCGCATTGCGCTTAAGCGCCGGTTCGCCTGGCGCGCACTGGCGTTGTTTCAGGGAGATAACTGGCAGGCTCGT GAAACATTGTGTCAGGCGTTGGCATATAGCGTGCCATCGGGCGACTGGTATTCGCTGCTAGCGGCCCTTAATCATGAACA ATGTTGATGTGCCGGGCCTGGTCGCCGAACTGGCAAACCATCTTTCTCCCTCGCGCCTGCAGGCTATACTGGGGGATGTT TGCCACATTCGTGAACAGTTAATGTCTGTTACAGGCATCAACCGCGAGCTTCTCATCACCGATCTTTTACTGCGTATTGA GCATTACCTGCAACCGGCGTTGTGCTACCGGTTCCTCATCTTTAAGAGAGACATCATGTTTTTAGTCGACTCACACTGC  ATTTTGTCTGGCAGTCGCCACACATTACCGGGTTATTTACATATGCGGGATCTGGTAGGCGAACGTGACAACGTCGTAT TTTCTTGTGGCGTGCATCCACCAGAATGATCCCTACGATGTAGAAGATTTACGCCGTCTGGCGGCAGAAGAGGGT GTTGTAGCGCTGGGTGAAACCGGGCTGGATTATTATTACACGCCGGAAACTAAAGTACGTCAGCAAGAGTCCTTCATCCA TCATATCCAGATTGGTCGTGAACTGAACAGCCGGTTATCGTCCATACCCGTGACGCCCGTGCCGATACGCTGGCAATTC TGCGCGAAGAAAAGTGACGGATTGCGGTGGCGTACTACACTGTTTTACAGAGGACAGAGAAACGGCGGGTAAATTACTG GATCTCGGATTTTACATCTCCTTTTCCGGCATTGTGACCTTCCGTAATGCGGAGCAACTGCGCGATGCTGCGCGTTATGT  ${\tt CGATGGTTCGTGACGTTGCAGAATACATGGCTGTTGTAAAGGTGTTGCCGTTGAAGAACTGGCGCAGGTAACCACCGAT}$ ATGGCTAAAACGAGTAAAGTTCACCGCCGAAAATTGGGCGGTGAATAACCACGTTTGAAATATTGTGACATATGTTTTTGT GTGTAATAAATAAAGGGCGCTTAGATGCCCTGTACACGGCGAGGCTCTCCCCCCTTGCCACGCGTGAGAACGTAAAAAAA GCACCCATACTCAGGAGCACTCTCAATTATGTTTAAGAATGCATTTGCTAACCTGCAAAAGGTCGGTAAATCGCTGATGC  ${\tt TCGCATGTTATGGCAGAGCAGGCGGTTCCGTCTTTGCAAACATGCCACTGATTTTTGCGATCGGTGTCGCCCTCGGCTT}$ TACCAATAACGATGGCGTATCCGCGCTGGCCGCAGTTGTTGCCTATGGCATCATGGTTAAAACCATGGCCGTGGTTGCGC CACTGGTACTGCATTTACCTGCTGAAGAAATCGCCTCTAAACACCTGGCGGATACTGGCGTACTCGGAGGGATTATCTCC GGTGCGATCGCAGCGTACATGTTTAACCGTTTCTACCGTATTAAGCTGCCTGAGTATCTTGGCTTCTTTGCCGGTAAACG  $\tt CTTTGTGCCGATCATTTCTGGCCTGCCATCTTTACTGGCGTTGTGCTGTCCTTCATTTGGCCGCCGATTGGTTCTG$  ${\tt CAATCCAGACCTTCTCAGTGGGCTGCTTACCAGAACCCGGTAGTTGCGTTTGGCATTTACGGTTTCATCGAACGTTGC}$ CTGGTACCGTTTGGTCTGCACCACATCTGGAACGTACCTTTCCAGATGCAGATTGGTGAATACACCAACGCAGCAGGTCA GGTTTTCCACGGCGACATTCCGCGTTATATGGCGGGTGACCCGACTGCGGGTAAACTGTCTGGTGGCTTCCTGTTCAAAA TGTACGGTCTGCCAGCTGCCGCAATTGCTATCTGGCACTCTGCTAAACCAGAAAACCGCGCGAAAGTGGGCGGTATTATG ATCTCCGCGGCGCTGACCTCGTTCCTGACCGGTATCACCGAGCCGATCGAGTTCTCCTTCATGTTCGTTGCGCCGATCCT GTACATCATCCACGCGATTCTGGCAGGCCTGGCATTCCCAATCTGTATTCTTCTGGGGATGCGTGACGGTACGTCGTTCT CGCACGGTCTGATCGACTTCATCGTTCTGGTAACAGCAGCAAACTGTGGCTGTTCCCGATCGTCGGTATCGGTTAT GCGATTGTTTACTACACCATCTTCCGCGTGCTGATTAAAGCACTGGATCTGAAAACGCCGGGTCGTGAAGACGCGGACTGA AGATGCAAAAGCGACAGGTACCAGCGAAATGGCACCGGCTCTGGTTGCTGCATTTGGTGGTAAAGAAAACATTACTAACC  $\tt GCAGCGGCGTAGTGGTTGCTGGTTTCAGGCGATTTTCGGTACTAAATCCGATAACCTGAAAACCGAGATGGA$ TGAGTACATCCGTAACCACTAATCCGTAAGACGTTGGGGAGACTAAGGCAGCCAGATGGCTGCCTTTTTTACAGGTGTTA TTCAGAATTGATACGTGCCGGTAATGCTGAAATTACGCGGTGTGCCGTAGACGATAGAACCTTCCACGTTGGTATCGTAG GTTTTGTCGAACAGGTTATTGACGTTCCCCTGTAACGAGAAGTTTTTCGTCACCTGGTAGCGGGTGAAGAGATCCACCAG TTAACGGCGTTTCCTTCGTTATCCTCTGCAATATAGCGCGTTGCGCCAAATGTCAGCTGCCAGTTGTCGGTAATTGCGCC GTTGAGTTCAAATTCCACCCCTTTACTGACTGTCCCATCCACCGCTTTATAGGCGGTTTCGCCGTTGCTGCCGGGGATAG GTGTACCGGTGGACTGAGCGACATTATCCTGCTCAATACGGAAGATGGCTAACGTGGTGGTCAGACGGCTATTCATCCAG  $\tt CTGGAAAATAGAGGTATAGCTGGCGTAGGTCGACCAGTTGTCATTGATGTCAAACACCAGACCAGCGTAAGGCGTGGTGT$ GGTTTTTCTCCATGCTGTAAGTCAGCGTATCAACCCGCCAGTTGGTATAACGTGCGCCGAGGATCAGATGCAGCGGATCG GCAAGGGTGACACGAGTGGCAGCATATAACGATTTCATATGTGTGGTATCGTCCTGCGCCAGGCTCTGTGGTGACCAGTC GGTTTGTGGGAAATTGCCATTAAAGTTGTAGAAACTGCCAATTTCATCCGGGAAGATGTTGGCCCATGAACTGAAGTAAC GATTGTTTTGTTTGCTGTAACTGCCACCAAACATTAGATTGTGCTGACGACCAAACAATTCATAACTACCGTCAGCGAAC AAATCCAGCGCATCAACTTTACGTTTGCCACTGTTCCAACCGGTGCCGCCGACATAATCAAAGCCAGGTCCATAATTACT AGTGGGTGGCATTCAGTGTCGCTTGCCAGGTATCAGCAAACTGCTGCTTCAGGGTCATAAAGACCTTGTTGATCTCTTTA TCGTTGTACGCCCAGTCAGGTGCGGTACTGCGTGCGCGATCGTAACTGTTGCTGCCGCCATCAGTATTCCAGCGCGGTAA  ${\tt ACCGCCCCAGGTAGGGCTATTAACATCAATGCGCTGATATTCGTAACCGGCTGAAAGCGTCGTAAGATCGCCTAAATCAGATCAGATCGCCTAAATCAGAT$ CATCGACAATGCCCGAGAAGAAGGTCTTTTCACTGTTGTAGCGGTCCAGCCATGAGTCGTTATTCTGGTAGCCGCCGACA ATTCGCGCGCGGATTTTACCGTCTTCGGTGAGTGGGCTTTGTAAATCCGCCACATACCGTTCTTTGTTCCAGCTACCGTA TTCCGCCGAGACATCGCCTTTAAATTCACGACTGGTCGCGTGTTTTCGAACCATATTAATTGCCGCAGATGGATTACCCG TCCCGGTCATGAGTCCTGTCGCGCCACGCACTACTTCTACGCGTTCAAAGAGTGCCATATCAGAAAGTGCGTCGCCCAGA TTCCAGCGCGATTCAAAATAGGTGGGGATACCATCAACCATATAGTTATCGATCTGGAATCCGCGGGAATAATAAAAGAGC  ${\tt ACGATCGGAATCCGCCTGACTTTTGCTGATCCCCAGCGTGTTTTCCATCACTTCGCCCAGCGTTTGTAACTGCTGATCTT}$  ${\tt
CCATCCGCTGCTGGCTAACAATAGTGACCGACTGAGGAATATCACGTTGAGTCATCTGCATTTTGGTACCCGCAGAGGTA}$ GACGTTACGCTGTAATCATTTTCGCCATCATCTGGAGCTGTGGCTGAACCCTCAACAATCACCGTTTCTTCAGTGGCTGG TGCAGCAAAAGCGGCAGAAGGTAATAGTGCCAGTGCTATGCAACCGGCAAGTAGTGACGGTTTGGTGATGGCTTGATATT GATTATCCCTGTTAAATTGTGTTGAAAGCATTTGAAATCTCTTGGTTTATGTTGTCGTCAGGCTCATGCCGGAGGAGGGGT TTTTTGCTTAAGAAATCGTGAGTTAAGGTTGAAAGAGCAGGTTTAACTCGACCATACTCTATACTCGCAGTGTGGCGCGG  $\tt CGTAGCATGGCGCAACGCATGGCTATTTGAAAAAGGAAAATGTCGTGGCAGAAGAACTATATTCAGCAAAATTATTCGT$ TATTCTGATCATTCCGAATATCCTCATTCCGACTGTGAACGACGTCTCAGCTGAGCATGAGCAGGCGCTGGGACGCATGA TCACCGTAGCGGCAAAAATTGCTGAGCAAGAAGGTATTGCCGAAGATGGCTATCGTCTGATCATGAATACCAACCGCCAT GGCGGACAAGAGGTTTACCACATCCATATGCACTTGTTGGGTGGCCGTCCGCTGGGACCAATGCTGGCGCATAAAGGTCT GTAACGATGAGAAAAGGATGCTTTGGGCTGGTGTCTCTGGTGTTGTTACTGCTGGTGGGCTGTCGTTCACATCCGGAAAT  $\tt CGACGTCTGATATTCAACCTTCAGCATCCTCAACGCTTTATAACGAAAGGCAAGAACCCGTTACCGTTCATTATCGTTTT$ TACTGGTATGACGCCAGAGGGCTGGAGATGCATCCTCTGGAAAGGCCACGCAGCGTTACCATTCCCGCACATTCGGCGGT GGTAGAAGAAGTGAAACCAGCGCCGGAACAACCAGCCGAGCCACAACAGCCTGTCCCCACAGTGCCCTCGGTGCCGACGA TCCCGCAGCCGGCCCAATTGAGCACGAAGATCAAACTGCACCGCCTGCGCCCATATTCGCCATTATGACTGGAAT GGCGCAATGCAGCCGATGGTCAGTAAGATGCTTGGGGCTGACGGGGTGACTGCGGGTAGCGTCCTGCTGGTTGATAGCGT TAACAACCGTACTAACGGTTCGCTGAATGCCGCAGAAGCGACCGAAACGCTGCGAAATGCGCTGGCTAATAACGGGAAAT TTACCCTGGTTTCCGCCCAGCAACTGTCGATGGCGAAGCAACAGTTAGGTTTGTCGCCGCAGGACAGTTTAGGCACCCGT AGTAAAGCCATAGGCATTGCCCGCAATGTCGGCGCTCATTACGTGCTGTACTCCAGCGCCTCTGGCAACGTTAACGCTCC GACCCTACAAATGCAGCTGATGCTGGTGCAGACGGGCGAAATTATCTGGTCAGGTAAAGGTGCCGTTTCGCAGCAATAAT  ${\tt CCCATCACGCGCGACGAATTGCTGTCGCGCTTTTTCCCGCAGTATCATCCCGTCACGACGTTTAATAGTGGGCTTAGTGG}$ GTAGTCGACTATCTGCCCGGCGCGCGTAAAAACGTATTTGCCGGATACCAACGAACTGGCAGGCTTGCTGTATTATCTACA TCAACAACCACGTTTTGGCTGGCGAATAACGCTGTTGCCGTTACTGGAACTGTACTGGCAGCAAAGCGATCCGGCGCGC GGACAGTGGGTTGGCTGCGAATGTTAAAACGTCTGCGCAAAGCGCGGGAACCACGGCCTTTACGCTTAAGTCCATTGCAT ATGGATGTCCACGCCGGAAATTTAGTGCATAGCGCGTCAGGGTTAAAACTCATCGACTGGGAGTATGCCGGAGATGGTGA TATCGCGCTGGAACTGGCGGCGGTGTGGGTGGAAAATACTGAACAGCACCGGCAATTGGTCAATGACTATGCCACTCGCG  $\tt CGAAGATTTATCCGGCGCAATTATGGCGTCAGGTCAGGCGATGGTTTCCCTGGCTGATGCTCAAAGCAGGGTGGTTT$ GAGTACCGCTGGCGACAAACCGGCGATCAACAATTTATCAGGCTGGCCGATGACACCTGGCGGCAGCTATTAATAAAACA  ${\tt CCCGCTTGCCAGCGGCGCAATCATTCGCTGCGCTGTCAGGAATGGAAGAGGGTTGGCAAACTGGCGCAGGAGGCAGGTTGG}$ TTGATGGCCAGCGAAATGATCGCTATGGATATTGATATCAGCTTTGCGCCTGTGCTGGATGTCGGGCATATCAGCGCGGC GATTGCCGAGCGTTCTTATCATGCCGATCCACAAAAAGCCCTGGCAATTGCCAGCCGGTTTATTGATGGTATGCATGAAG  ${\tt CCGGAATGAAAACGACCGGGAAACACTTCCCAGGACACGGTGCAGTAACGGCAGACTCACACAAAGAACACCGTGCGAT}$  $\tt CCACGTCCACAAGCGGAGATTCGCGCTAAAGATATGTCGGTCTTCAGTTCCTTAATCCGCGAAAATAAACTCGACGCCAT$ TATGCCTGCGCATGTGATCTACAGTGATGTTGATCCGCGTCCGGCGAGCGGTTCTCCCTACTGGCTGAAAACCGTTTTGC GTCAGGAACTGGGTTTTGACGGCGTGATTTTCTCTGACGATTTATCGATGGAAGGTGCCGCGATTATGGCCAGTTATGCC GAACGCGGGCAGGCTTCACTGGATGCGGGTTGCGATATGATCCTGGTCTGCAATAATCGTAAAGGGGCCGTCAGCGTGTT AGATAATCTGTCACCGATCAAGGCAGAACGTGTTACACGTTTGTATCATAAAGGTTCATTTTCGCGACAGGAACTGATGG ACTCGGCTCGCAAAGCGATCAGCACCCGTCTGAATCAGTTACATGAACGCTGGCAGGAAGAGAAAGCAGGTCACTAA  ${\tt CCCTGGCTTATGTGAGGAAGCGATGATTATCTATTTACACGGTTTTGACTCTAACAGTCCGGGTAACCACGAGAAAGTCT}$ TACAATTGCAGTTTATTGACCCGGATGTACGCTTGATAAGCTACAGTACGCGGCATCCGAAACATGATATGCAGCATCTG CTTAAAGAAGTGGACAAAATGTTGCAACTGAACGTTGACGAGCGTCCGCTAATTTGCGGCGGTTGGCTTGGCGATACTG GGCGGAACGGATTGGTTTTCTTTGCGACATCCGCCAGGTGATCTTCAACCCTAATTTGTTCCCTTATGAGAACATGGAAG GCAAGATTGATCGCCCGGAAGAGTATGCCGATATTGCCACTAAGTGTGTGACCAACTTCCGTGAGAAGAATCGCGATCGT TGTCTGGGACGAAGACCACAAATTCAAGAATATCTCCCCGCATTTACAGCGCATTAAAGCGTTCAAAACCCTCG GGTAAATGCCCTCGTCGCATCAGGTAACCTTGCCGGTACCTGATGCGCTCCGAATTCTGTGGGTCGGATAAGGCGTCCAC GCCGCATCCGACAGTCGAGCATCAATGCCTGATGCGCTTCTTATCAGGCCTACCGAACGCCCTGCATACACCCCTCACTC TATATCACTCTCACAAATTCGCTCAAATAATAAACAATAAACTCTGTTTTTTTGATCTCACCCGGTAAAGTCGCCTATCTT TTCAGCAACAAACTTGATTAACATCAATTTTGGTATGACCAATGCACCATTCATGTTATTCTCAATAGCGAAGAACATT ATAAGCTGGGACGCAAGAAAAAAGCCAAAATTACGCTGGTCGATCGTAACCACAGCCACCTGTGGAAACCGCTGCTGCAC GAAGTGGCGACTGGCTCGCTTGATGAAGGCGTCGATGCGTTGAGCTATCTGGCCCCATGCGCGCAATCATGGTTTCCAGTT  ${\tt CCAGCTGGGTTCCGTCATTGATATTGATCGTGAAGCGAAAACAATCACTATTGCAGAACTGCGCGACGAGAAAGGTGAAC}$ TGCTGGTTCCGGAACGTAAAATCGCCTATGACACCCTGGTAATGGCGCTGGGTAGCACCTCTAACGATTTCAATACGCCA GGTGTCAAAGAGAACTGCATTTTCCTCGATAACCCGCACCAGGCGCGTCGCTTCCACCAGGAGATGCTGAATTTGTTCCT  $\tt CCGCTGAATTGCACACGCGGTCAAGCAACTGCACAGCTACGGTTACAAAGGCCTGACCAACGAAGCCCTGAACGTAACG$  $\tt CTGGTAGAAGCGGGAGAACGTATTTTGCCTGCGTTACCGCCACGTATCTCTGCTGCGGCCCACAACGAGCTAACGAAACT$ TGGCGTTCGCGTGCTGACGCAAACCATGGTCACCAGTGCTGATGAAGGCGGCCTGCACACTAAAGATGGCGAATATATTG AGGCTGATCTGATGGTATGGGCAGCCGGGATCAAAGCGCCAGACTTCCTGAAAGATATCGGTGGTCTTGAAACTAACCGTATCAACCAGCTGGTGGTGGAACCGACGCTGCAAACCACCCGCGATCCAGACATTTACGCTATTGGCGACTGCGCGTCATG  ${\tt CCCGCGTCCGGAAGGGGGCTTTGTTCCGCCGCGTGCTCAGGCTGCACACCAGATGGCGACTTGCGCAATGAACAACATTC}$ TGGCGCAGATGAACGGTAAGCCGCTGAAAAATTATCAGTATAAAGATCATGGTTCGCTGGTATCGCTGTCGAACTTCTCC  ${\tt ACCGTCGGTAGCCTGATGGGTAACCTGACGCGCGCTCAATGATGATGATGAGGACGAATTGCGCGCTTTGTATATATCTC}$ GCTATACCGAATGCATCAGATTGCGCTGCATGGTTACTTTAAAACCGGATTAATGATGCTGGTGGGGAGTATTAACCGCG TTATCCGTCCGCGTTTGAAGTTGCATTAATCGACGTACACTGGCGGATGTGGCATAAACGCCTCATCCGCCCTTGAGGAA CAGCGCGATCGGCAGCCGCGTTGTATCAGGCATCCTTTCAGACTCCTCCGAATCCTTAAGTATTTCCAGCCATTCCCGCG GAATAAATCAATGTTGGCGGGTATCGGGATTGGTGTCGCAGCTGCGCTGGGCGTAGCGGCAGTGGCCAGTCTGAACGTGT TTGAACGGGGCCCGCAATACGCTCAGGTTGTTTCTGCAACCCCAATCAAGGAAACGGTTAAAACACCGCGTCAGGAGTGT AAGTCAGAAAAAATGCTCGGTTATGATGTGACCTATAAGATTGGCGATCAGCAGGGCCAAAATCCGCATGGACCGCGATCC GGGTACGCAGATCCCGCTAGATAGCAACGGGCAACTGATTTTGAATAACAAGGTATAACAAGGCTGTACTCTGCAATTTG GCCCCTCATTCGCTCAGGCTGAGGGGCTTTTTTTGCGACTTATTTCACCAGTTCGGGCCATAAACGCAAAGTCGTTCCGG GCCAGATGTGTCACGTCACAGTGGGGCGGGATTTCCCCGCGCGCCTTGTCGTTGACATAAAAACTGCTGCAAAGTGCGCTC TTGCATCGCATGGCGTGATTTCAACGTATTGGCGATATCTCCTGAATCTGGGGAGAGGGTGGTGCAGTTGTTGATCATGA ATCACCTCCGTTCACCAGTCCAGATCCCATAAAAATAATTGCTTTCTATTTAACTGAAATTTAAAGATTTTAAATTAAAT GCGACGTCATTCATCTGCATAAGGCCACTATTATGAAAAACGTAAAAACCCTCATCGCTGCGGCGATTTTAAGCTCCATG TCATTTGCCAGCTTTGCGGCTGTCGAAGTTCAGTCAACGCCAGAAGGCCAACAAAAAGTCGGTACAATCAGTGCTAACGC  $\tt GGGGACAAATCTGGGATCGCTGGAGGGCAGCTGGCGCAAAAAGCGGATGAGATGGGCGCAAAATCTTTCCGTATTACTT$ GGCGGACATCCACCGGCATCCCGGAACGGACATCCATCACATGTTGCATCACTTCAGCGTCAGTTTGTGCTGCATCTTTA TTCAACCAGACGCGCACCGTTTGGTTCGGCAGAGACTTTTATCGGAGTGTTGATGATATTCACTTTGGTGCCTGGGGTGA GCGTTCGTACCATGAAGCAAATAAACGCCGCCATAGGCCGCCAGACGAATCGCATGATGGCCCATTGGGTTATCCAGTCC TTGCACGTTTGTCTGAAACGGTGGTCACCATTGTCGGTGTCAGCGTGTCACCACCTAACTGACCAATACCTATTGGATAC  $\tt GTAACAGAGCGAGAAAGCCGACGTTGTATTTTTTGGCGATGGCTTCCAGAGAACCACCGTCATTTTCCACCACATGAAAT$ TTGTTTTCGCCAACCAGACGACTGCCCGCTGGCGGCAGCGCCAGGTTTTGGCTTTTGCCGGTAGCGCCAGCGCCACGGC ATTGTAATAAACAGATAAGCCTGAATTATGGATGGTGACAGTGTCGGATAGTGCAGGGAAGTGCAAAGAATTTGTAAATG TTGCAGATGGGGGCCCCAGAAACGCCCCCGATTTACCATTAAGCGATCGCGTTCTCTTCCAGTTCACGCATAAACTGGCGT ACCCATTCGATACGCGTTTTCCGCTCACTCAAATCCTGAATAAATTTCAGGCGCGTCGGACCATCAAGGCGGTAATGCTG  $\tt CGGCTGTTTTTGCAGCAACCAATCAACCAGGCCGGATTAACGTGATTCTTCTCGGCAAATTCGATCACCCCGCCTTTCT$ CATTACCTTCCAGCTTCCTGATCCCCAGTTTCTGCGCTTGCTGGCGCAGACGGGCAATATCCAGCAGGGTACGCGCCGGA  ${\tt TCTGGCAGCCGAAGCGATCGATAAGCTCGACTTTGATCTCTTCCAGTTCGTTTTCCGTTTTGGCGCTGGCAATACGTTCGCGCTGGCAATACGTTCGCAGTTCGTTTTCCGTTTTTGGCGCTTGGCAATACGTTCGCAGTTCGAGTTCA$ TTTGTAGAACGACAGACGCGTGTTCACGTCAGGGATGAAATCATCTGGCAATAGCGACGGCATCCGCAGCTCGACTTCTG TTTGCTGGCTGGTGAGATCTTCCAGCGACGGCTCCGCGTCCGGCTTTCAGTGCATCGACGGCGTTTTCCAGCAACTCCATA TACAGCGAGAAACCGATGGTTTCCATTGAGCCGCTTTGTTCTTCGCCAAGCAGTTCACCCGCGCCGCGCAATCTCCAGATC GTGCGTTGCCAGCGCAAAACCTGCCCCGAGATCTTCCAGCGAGGCAATTGCTTCAAGACGTTTTTGTGCATCGGTAGTCA TCGCTTTTGGATGCGGTGTCAGCAACCATGCATATGCCTGATGATGCGAACGTCCGACGCGCACCGCGTAACTGGTGCAGC TGCGCCAGACCGAAGTGATCCGCGCGTTCAATGATAATAGTGTTGGCTGTCGGGATGTCGATCCCGGTTTCGATAATGGT GACCGATGGCGATCCGCGCTTCTGGCACCAGTTCTGCCAGCCGTTCGGCGGCTTTCTGAATGTTTTCCACATCATTGTAG AGATAATAAACCTGTCCTCCGCGCAAAATTTCACGCAGGATCGCCTCCCGGACCACCATGCTGTCATACTCACGGACAAA GGTTTTAACTGCCAGACGACGGCGGCGGCGTGGCGATAATCGACAGGTCACGCATTCCGCTCATTGCCATATTCAGCG  $\tt CCGAAGCGGTGTTCTTCATCGACAATCAGCAGGCCTAAATCTTTAAACTTGACGTCACTTTGCAGCAGTTTTGTGCGTACC$ GATCAGAATATCGATTTTCCCTTCCGCCACTTCCGCAAGGATTTGCGTCTGCTCTTTTGGCGCTGCGGAAACGGGAGATCA
TTTCGATACGTACCGCCAGTTGGCGAAACGGTCGCGGAAGTTGTCGTAATGCTGCTGCGCGAGAAGGGTGGTAGGCACC GCCGCACACCAGACGATCCATTGCCAGCGGCTGACACATGTCGCTAAGTACCGCATTAATGGCCTGCGCCTGATCCGGCG TGGTTTCAAACGGGAAGCTGTCGCAGAACAACTGATACTGCTCACGATCGTGTTTAAACGCGAAGCCCTCTTTGGCGGCG ATCGCCGCCAAGTTTATGCAGCGGGGCGTTTTCTTCCGCGCCACCTGCGTAACGGCTAATCAGATGCAGTGACGACACCG GAACATACAGTTTGGCGTCGTTGGCATAGGTGAGCATCAGATACTCGCCAGTAATGCCACCCGCTTCCAGCGTGGTCATT  $\tt CCGGCATAACGACCGACGCCGTGCTCCAGATGGACCACCGGCTGACCAATATGCAGTTCCGCAAGGTTACGGATCAGTGT$  $\tt CCAGATTACGCACCGTATCGACAAAACCATGTTCGGCAGCGCCAATCATCAGATAACGCCCACGGTCGCTTGGCTTCATCATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATCAGATCAGATAACGCCCACGGTCGCTGGCTTCATCAGATC$  $\tt CGAGAACACCACCGGACCGTCGAAAGTCTCGAGGAACTTACGCAGCGCATCCAGCGGCGCTTTTTGTTGTCCTGAACGG$  $\tt CCAGGTCTGGCAGTTTCTGGAAACCTAAATTGGCATTCGCGGCTTTTGTCGGTAAATGTTCAGTTTTTAGCTGCACCCGG$ GGCCAGTTTTTCAGCTCTGAGAAGAGCTCGTCCACCCGCAGCCAGAGCGATTGTGGTGGCAACAGCGGGCGCATCGGATC GACGCCGCGATTCTCAAAACGCGCCAGCGTGTCAGCCTGGAAACGTTCGGCACTGGTTTCCAGATCGCCAGTATTCACGA GCAAGGTATTGGCAGGGAAATAACTGAACAGCGGCGGCAGTGGTTCGCTGAAGAACAATGGCTGCCAGTACTCGATCCCG GCAGGTAATGTGCCTTTACTCACTTGCTGGTAAATATGTTCTGGATCGCGCTTCACTTCGAAGGTATCGCGCCACTGGCT GCGGAACAGTTCAATTGCCGCTTTATCGGTCGGAAATTCGTGCGCGGGCAGCAGATTGATCGCTTCTACTTCCTCCAGCG TGCGCTGGCTGTCGACGTCAAACACCCGCAGGCTGTCGATTTCATCATCAAAGAAATCAAGACGATAAGGCAGCTCACTC AACTGTGTGGGCAAACGCGCTGCATAAGCGTATTCACCGGAACAATCAGTACGCCACGCTGCATCGTCGGTAGCTGGTAA AGGGTGGAAAGGCGCGAGGAGATAATGTCCTGATGAGGCGAAAAACTGTCGTAGGGAAGAGTTTCCCAGTCCGCCAGATTTCACCCGCTTTGACGGCAGCGTATAACGATATTGTTCAGGCATAACGGTTGTCAGATTCTCGTTAGGATATGCCTCAAC ATATGGGGGCATATCTCTGATAAGCAATGCTGTTCATTATCCGTAATCGACATGGTTTAGCAAATTGAATCGCCCCGGCT GGGGCGATGGCTTAGCGGGAGTAACTGACGGCAGCGGCAGTGAAGGCGGGGAGAACAACAGATCGCTGAATGCACGCTG TGAAAGTTTTCTTACCAGCAAGCCCGCAACAGTACAGATGAACAAACTGACAAAGGGGATAAACCAGCAGGAGTGTCAGTT CGACTTGCGGCGACCAGCGTGCTGCGTTCATTTGCGCAAGCAGAGTTAAGCTGAATATTTCAACCAGAATGCGATGGGTG GTGTAGATAGCAATGGTGTTGGAGCCAATCACATTCAGCAGGCTGGTGGAGCGCATACCGAATCGTTGCTCGTATTGATA GCGCCAAGGCTGTAATAAGGCAAATTGCGGATCACACTGTTCATTCCCCACCACGGCGTGGGAACGAAATTAACCGCCAC ACTCAGCAGTACAAACAAGGCGAATAGTGGCAGCGCCAGACGGCTAAAAATTTTACATACCACGAAATAGACAATTAACG CATACAGATACCACAAGCTGGTGCTGGCGGTGATCATCCCGTGCAGGAACTCACCGGTGGAATCGGCATAAGCGGCATTG CGCCAGCACCCAGAAGATGTTCCAGATCCGTTTATCGAGACAATTTCCCCACGGTACGCTGTCGATATAGCGGCGAATCA AATAGCCGGATATAAAGAAAAAACCGGCATACGAAAGGGGGCCAAGGTAAAGATTGAAATAGATCCAGCATTTGCTCAGG ACTTCCGATAACGGATGCTGAAAAGTGGTCAGATGCGGATAAAAGGTAATGACCGAGTGATAAATCACCACCAGACAAAT  ${\tt ACATAACCCTTTGATCTGGTTAATCCATAGCTCTTTTTGTTTCATCAGGACACACGCTCTTTTTTAATTTACATGCGGT}$ GATTGATGATAAAACATGGCAATTTAGCCGATTGATTTACGGGGGGCTTTTCAGATTAGCCCTGACGATCACTTACAGTTC AGACGTTTACCCATCTTGCTTTCGCTTATATACTCGTGTCTTTGCTACAGCAACCAGACGGATTTCATGTACCAACCTGT TCGGCATTACCCTCGGGGTGATGGCGCTGGTCACAGTATTGTCAGTGATGAACGGCTTTGAGCGCGAGCTGCAAAACAAC ATCCTTGGCCTGATGCCACAGGCAATTCTCTCTGAGCATGGCTCTCTTAACCCGCAGCAACTCCCAGAAACGGCAGT  ${\tt CCGGGGAAATATAATGTCATCCTCGGCGAACAACTTGCCTCACAGCTAGGCGTTAATCGCGGTGATCAAATCCGCGTGAT}$ GGTACCATCTGCCAGCCAGTTCACGCCGATGGGGCCTATTCCAAGCCAGCGCCTGTTCAATGTGATTGGCACTTTCGCCG  ATTACCGGCTGGCGTTTGTGGCTGGATGAGCCGCTGAAAGTCGACTCATTAAGTCAGCAAAAACTGCCTGAAGGCAGCAA ATGGCAGGACTGGCGTGATCGTAAAGGCGAGTTGTTCCAGGCCGTACGCATGGAAAAAATATGATGGGTTTACTGCTGA GCCTGATTGTCGCCGTTGCGGCGTTTAACATTATTACCTCACTAGGGCTGATGGTAATGGAGAAGCAGGGCGAAGTAGCG ATCCTGCAAACGCAAGGCTTAACTCCGCGACAAATCATGATGGTCTTTATGGTGCAAGGGGCCAGCGCCGGGATTATCGG ATGGCGCGGCGCTGCCGGTGGCTATCGAACCTTTACAGGTCATTGTTATTGCGCTGGTGGCGATGGCTATCGCGCTGCTG TCTACGCTTTACCCTTCATGGCGCGCTGCCGCCACTCAACCCGCTGAGGCTTTACGTTATGAATAAGATCCTGTTGCAAT GCGACAACCTGTGCAAACGCTATCAGGAAGGCAGTGTGCAAACCGATGTGCTGCACAATGTCAGTTTCAGCGTCGGCGAA AACCTCCGGCGATGTGATTTTTAATGGTCAGCCAATGAGCAAACTGTCGTCGGCAGCGAAAGCTGAACTGCGCAACCAGA AGCTGGGCTTTATTATCAGTTTCACCACCTGCTGCCGGATTTTACCGCCCTGGAAAACGTGGCTATGCCGCTGCTGATT GGCAAGAAAAGCCCGCTGAAATCAACAGCCGTGCACTTGAGATGTTAAAAGCGGTGGGGCTGGATCATCGTGCGAATCA TGGCGGATGAACCTACCGGTAACCTCGATGCGCGTAACGCCGACAGCATCTTCCAGTTGCTTGGGGAATTGAATCGCTTG TGATCGTCGGCTTAAGCGCGATGAACGGCTTTGAACGCGAACTGAACAACCGTATTCTGGCGGTGGTGCCGCATGGTGAA ATCGAGGCGGTGGATCAGCCGTGGACTAACTGGCAGGAAGCACTGGATCACGTGCAAAAAGTGCCGGGTATTGCCGCTGC  $\tt CGCGCCGTATATCAATTTCACCGGGCTGGTGGAAAGTGGCGCGAATCTTCGCGCAATCCAGGTGAAGGGCGTTAACCCGC$ ATTATCATCGGCAAAGGCGTGGCGGATGCGCTGAAAGTGAAGCAGGGGGGATTGGGTGTCGATTATGATCCCCAACTCGAA TCCCGAGCATAAACTGATGCAGCCAAAACGTGTGCGTTTGCACGTTGCCGGTATTTTGCAGTTGAGTGGTCAACTCGATC ACAGTTTTGCCATGATCCCGCTGGCGGATGCCCAACAATATCTTGATATGGGTTCCAGCGTGTCAGGTATTGCCCTTAAA ATGACGGATGTTTTCAACGCCAATAAGCTGGTACGCGATGCGGGTGAAGTGACCAACAGCTATGTTTATATTAAAAGCTG GATTGGTACTTACGGCTATATGTATCGCGATATCCAAATGATCCGCGCCATTATGTATCTGGCGATGGTACTGGTGATTG GCGTGGCCTGTTTCAACATCGTCTCCACCTTAGTGATGGCGGTGAAAGACAAGAGTGGCGATATCGCAGTATTAAGAACG TGTGATTATCGGCGTAGTGGTTTCACTGCAACTTACCCCGATTATTGAGTGGATTGAAAAGTTGATCGGTCATCAGTTCC GTAAAGGCAGTACATTAAAACAAGGAGCGGCAATGTATTACGGGTTTGATATTGGTGGAACAAAAATTGCGCTTGGCGTG TTTGATAGCGGTCGGCAGTTGCAGTGGGAAAAGCGGGTGCCGACACCGCGTGACAGCTATGACGCATTTTTAGATGCAGT GTGTGAGCTGGTAGCTGACCAACGTTTTGGCTGTAAAGGTTCTGTCGGCATCGGTATTCCGGGAATGCCGGAAA  $\tt CAGAAGATGGTACGCTGTATGCCGCCAATGTCCCCGCTGCCAGCGGTAAACCGCTGCGTGCCGACCTGAGCGCACGTCTT$ GATCGCGATGTACGCCTTGATAACGATGCCAACTGTTTTGCCCTTTCAGAAGCCTGGGATGATGAATTTACTCAATATCC  ${\tt ACATTACCGGCGAGTTTGGCCATATGCGTCTGCCGGTTGATGCGTTAACCATGATGGGGTTTGGATTTCCCGTTACGCCGC}$ TCAACCGTTGCAGGCTCCCGAAATTATTGCGCTTTATGATCAAGGCGATGAGCAGGCAAGGGCGCACGTTGAGCGTTATC TGGATTTATTAGCGGTTTGTCTGGGAAATATCCTGACCATCGTTGACCCTGACCTGGTCGTCATTGGTGGTGGCTTATCG TGCTGTCGCGTCGGGGTCATCGGTTAAGTCGTTTTCGTAAAAATAAACGCCGCCTGCGCGAGCGTTTTGCGTCAGCGTATT TTTTTCAGAGATAAAGTGGTGCCGGAAGCAATGGAAAAACCAAGAGTACTCGTACTGACAGGGGCAGGAATTTCTGCGGA ATCAGGTATTCGTACCTTTCGCGCCGCAGATGGCCTGTGGGAAGAACATCGGGTTGAAGATGTGGCAACGCCGGAAGGTT TCGATCGCGATCCTGAACTGGTGCAAGCGTTTTATAACGCCCGTCGTCGACAGCTGCAGCAGCCAGAAATTCAGCCTAAC  $\tt GCCGCGCATCTTGCGCTGGCTAAACTGCAAGACGCCCTCGGCGATCGCTTTTTGCTGGTGACGCAGAATATCGACAACCT$  GCATGAACGCGCAGGTAATACCAATGTGATTCATATGCATGGGGAACTGCTGAAAGTGCGTTGTTCACAAAGTGGTCAGG TTCTCGACTGGACAGGAGACGTTACCCCAGAAGATAAATGCCATTGTTGCCAGTTTCCGGCACCCTTGCGCCCGCACGTA GTGTGGTTTGGCGAAATGCCACTCGGCATGGATGAAATTTATATGGCGTTGTCGATGGCCGATATTTTCATTGCCATTGG TTGAACCGAGTCAGGTTGGTAATGAATTTGCCGAGAAATATTACGGCCCGGCAAGCCAGGTGGTGCCTGAGTTTGTTGAA GAATTTGCGGGTTTTGTGGGCCGGATAAGGCGTTCGCGCCCCATCCGGAATAATACACGCGCACTTTTCCGGCCTCTTTT ATCGTTTACTCGTCAATAACAATGCGGCAATAAACGTACAGACACCAATTAGCCCTGCCCAGAGTGGCGATATTCTGGTA ATCGCAAAGCTATTATCGATATACAAACATAAAGCCTGATAACCCATATTGGCAATAGTCATCGCCACTGCAAATTTTAA CGCATAAATAAAACGAGTCGTGTAGTAAAAGATCCTGGAAAATAAGATAAACGTCGCAGCCCAGGCGATAAAACCTAATG  $\tt TGTTGGTGCTGCCGGGGGGGGGCATTTTCATGCTGTTGTCCTGGATGCGGATAATACGTTAGTGCGGCGTCGATTGTTTT$ AATATCTGTGCTTGTAGAACAGCCAATGCATTATTGATTCCCTGATACCAGAGATCTGCATTTAAATAAGCCAGCGTGTG ATTTTCTATCAGAAGGCCGAGATGTTTATCGTCCAGACCACTTTCAACCTGGCCGTTGGTGATCATAATTAACCGTGGTT TTTTGTCTGAGACTGGCTTCATTATTAATGTCGGGTAAAACCACAATAAACGGTGCAATTCCCGTTTGTTGGCGAAAAAG  $\tt CTCGGCTTTATGCGCGATCTCTTCAGCATCTGGTACAGTACCGGTAACGTCCGTAAAAAGTGTCTTCATTATTGGAATTA$  $\tt ATGGCTTGCTGGCTGTCAGAGGCAGGAGTATCAGTAAACTGAGCAGTATAATGAATTTTTTCATGGGCGGGACTTCC$ GTTTCCTGCGTGATTTTTTAGAGGAGGGCATACTTATTAATAAACCGACGGCGATAAAAATAACGCCCATAATGCCGATA AACCCCCATTTAAAAAAATTAACCCACGGGTTATTTATCTCAGCCTTTTCAGGATGCCCGGGAGAATAATAAACATTAAC AGGCAACGACGGGATACCACGAACCATCTTTACCCGTGCGATGAGAATGACTGGAGTGCCAGACGGTATCAACAATGACG  ${\tt
ACGTCATTCTGCCATTCTGCCATTTTTAATGGTTTCAGCATCCGGGTAGAGTGTTTTATCGTTCGCCACTTCTGGACTTAATGGTTCAGCACTTCAGACTTAATGGTTTCAGCATCCGGGTAGAGTGTTTTATCGTTCGCCACTTCTGGACTTAATGGTTCAGCATCCGGGTAGAGTGTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTCAGCATCCGGGTAGAGTGTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTCAGCATCCGGGTAGAGTGTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTCAGCATCCGGGTAGAGTGTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTCAGCATCCGGGTAGAGTGTTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTCAGCATCCGGGTAGAGTGTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTCAGCATCAGAGTGTTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTCAGCATCAGAGTGTTTTTATCGTTCGCCACTTCTGGACTTAATGGTTCAGCATCCGGGTAGAGTGTTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTCAGCATCAGAGTGTTTTTATCGTTCGCCACTTCTGGACTTAATGGTTCGCACTTCTGGACTTAATGGTTTCAGCATCCGGGTAGAGTGTTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTCAGCATCAGAGTGTTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTCAGCAGTAGAGTGTTTTTATCGTTCGCCACTTCTGGACTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTTAATGGTTTTAATGGTTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTTAATGGTTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTAATGGTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTTAATGGTTAATGGTTAATGGTTAATGGTTAATGGTTAATGGTTAATGGTTAATGGTTAATGGTTAATGGTTAATGGTTAATGGTTTAATGGTTTAATGGTTTAATGGTTTAATGGTT$ TCTTTCGGCCACCCCCCACTCAATTGGCGTACCCGCCTGGCGTGCAACGAAGCAGAACCGTTCCAGATCATGCCGAGGTT  ${\tt AACTTCGCCTTCCATGTACGGGTTCGCCGGGTTATCGGAGTTAAAGGCTGCCACGTTTGGCATCAGTTTTTTCAGCTCGT}$ TATATGCAGCTTCAATCTCTTTCGGATCGGTGTTTACCGGAGTAGCCCAGCTTACGCAGCGCCATCTGGAACACTTCA TGTTGAGCATGTCTGGATCGAGATTGCTGAAGTTTGTTAACTTCGACTTGTCGATCTTCTGGATCATCCCTTCTTTACGC TTCGTTCGACTCGTAAGTCGAATAGATAACCTTAATACCGGTTTCTTTGGTGAACTGTTCAAGCAGTCCTGGCGGCACGT  ${\tt ACTCGGTCCAGTTGTAGAAATACAGCGTGTTGTTGTCATCGGCGTGAGCGCGCTCATGCCCAGTGCCAGAGCACCCGCC}$ GCAATAACCATCACCAGCGACAGCACCAGTAATATGGTTGCCAGCGCGTTAACTTCCGGCGATACGCCGACTTTGACCAT TAAAGCTTAACACCCAGCCCGCCGCCGCCGCTGGCATTGCCAGTGGCAGAATGATTTTTCGCAGAATGGTAAATTCGCTG GCACCGAGATCTTTCGCCGCTTCCAGCATTCGCACGTCAAAACCTTTCAGGCGCGGAATACACCGTCACCACCACAAATGG  ${\tt CGGTACAGCGCAACTGCCGTCAGTGAACCGATAAGCGTAGCAAACGTCGCCGAAAACACCGCCATTGTTAGTGAATGCTG}$ CGCTGCCTGTAACAGGCTGTCGTTGTTCATCAGCAGGCTATACCATTTGGTGGTAAAGCCCTGCCAGTTGATGCCAAAGC GCGAGCTGTTAAAGGAGTTCACAATCAAAATAATGATTGGGATATACAGGTACGCGTAGATAGCGGTCATAAAACCGCCG CGAAGCAGTCGACCGATCATTCGAGTTCCACCTTCTTATTCAGCAAACGAGAAGCGCGCCAGTAAACCAGCAACATCAGG  GTTACCGATCAGCAGGTTTTTCGCACCGCCCATCAGGTCGGATACATAGAACAGGCCCATCGCTGGCAGCATCACCAGCA GACATCCGGCAATAATTCCCGGCATCGTCAGTGGAATAATGATACGGATAAAAGTCTGTAACTTGCTGGCACCGAGATCG CGCGCCGCCTCAAGCAACGGCTTATCCAGTTTTTCGATACTGGAGTACAGCGGCATCACCATAAACGGCAGCAGAATGTA CGTTGAGATAGCCTTTGGTGCTGAGGAAAATTTTCAGCCCGTAGATACGAATTAATGAGTTGGTCCAGAACGGAACAATC AGCAGAAACAGCAGCAGCGGACGCACCTTGTGTGGCAACTTCGCCAGAAACCAGGCAAACGGGTAGCCCAGCACCAGGCA GGCGAGGGTGGCGATCAGCGCCATATTCAGCGAGTGCAATAGCACTTCAAAATAGAGCGGATCGAGCAGACGCGTGTAGT TATCCAGCGTAAAGACCATTTTGACAAAACTGGCGTCGTCGCGGGTCAAAAAGCTGGTGCCAATGATCATCAGGTTGGGC GTACGACCTCCCAGCTTTCTACCCAATTAATGGCCATTTTTTTGGTCGAGAGAGTGGTCAAAGTCAGGATCGTCTTCATTG AAGAATTCGCTGACCATCACCATCTTGCCATTTTCCAGTTCAACAACCGACTCCAGCGTCATGCCTTTGTAGTTACGCTC GCGAACGTAACCAATCAGCCCTTCAGCGTGGTTGTCGTCGTTAATCTCTTCAACACGTAAGTCTTCCGGGCGCAGCAGAA CTCTTCGTAGATTTCACGCGGCGTGCCGTCTTGCTCAATGCGACCATCGCGCATCACCACAATCCTGTCTGACATGGTGA GTGCTTCTTCCTGGTCGTGAGTCACAAAGACGAATGTAATGCCAAGCTTACGCTGTAACGCTTTCAGCTCGTTCTGCATT TGCTTACGCAGTTTGTAATCCAGCGCTGAGAGCGACTCATCCAGCAACAACAGACGAGGCTTGTTAACCACCGCGCGAGC GGGCTTCCATCACGCGGGGCGTAATTTCAGCAGCGGGGGTTTTTTTGCATGCGCAACCCAAAGGCCACATTTTCGAACACG  $\tt GTCATGTGGGGGAAAAGTGCGTAGCTTTGGAAAACAGTGTTCACATAGCGGTTTTCCGCCGGAACGTGGGTGATGTCCTC$ GTTATCCAGCATGATGCGTCCGGAATCAACAGTTTCCAGACCTGCAATCAGGCGAAGAACGGTTGTTTTACCGCAGCCAG  ${\tt AAGGGCCAAGCATGAGAACTCGCCATTGTTGATAGTCAGATCCAGCTGGGGAATGACCTCTTTACCATCAAAGCAT}$ TTGCGAATTCCCGCCAATTGCACCAGCGGTGAAAGCGAACTCGGTTGTTTATTCAATTTTTTACTCTGTCCCATGTAAAC GCAACGGATGGCTTACCGATGCGGGGTTTTGTGGTTAACCACCTTGGTGACTCTTAATGAGGGCGGTAATTCTACGGCAAA  ${\tt CCGCTTGAATCGCCAATCTTTGTTGTGAATTACTGGCTTAGCTTTATATTCATTAAGGTAATGCTGATAAATATTCCCGC}$ TTGCAGGGGTAAAAGTGACCTGACGCAATATTTGTCTTTTCTTGCTTCTTAATAATGTTGTCACAAAAAGTGAGGGTGAC TACATGGATAAACTACTTGAGCGATTTTTGAACTACGTGTCTCTGGATACCCAATCAAAAGCAGGGGTGAGACAGGTTCC GTGAGAAGGGCACTTTGATGGCGACGTTACCGGCTAACGTCCCTGGCGATATCCCGGCGATTGGCTTTATTTCTCATGTG GATACCTCACCGGATTGCAGCGCCAAAAATGTGAATCCGCAAATTGTTGAAAACTATCGCGGTGGCGATATTGCGCTGGG TATCGGCGATGAAGTTTTATCACCGGTTATGTTCCCGGTGCTGCATCAGCTACTGGGTCAGACGCTGATTACCACCGATG GTAAAACCTTGTTAGGTGCCGATGACAAAGCAGGTATTGCAGAAATCATGACCGCGCTGGCGGTATTGCAACAGAAAAA ATTCCGCATGGTGATATTCGCGTCGCCTTTACCCCGGATGAAGAAGTGGGCCAAAGGGGCGAAACATTTTGATGTTGACGC TCAATATCAAAATTGTCGGTAACAATGTTCATCCGGGCACGGCGAAAGGAGTGATGGTAAATGCGCTGTCGCTGGCGGCA GAAAGGCACCGTTGAACGGGCCGATATGCACTACATCATCCGTGATTTCGACCGTAAACAGTTTGAAGCGCGTAAACGTA AAATGATGGAGATCGCCAAAAAAGTGGGCAAAGGGTTACATCCTGATTGCTACATTGAACTGGTGATTGAAGACAGTTAC TACAATATGCGCGAGAAAGTGGTTGAGCATCCGCATATTCTCGATATCGCCCAGCAGGCGATGCGCGATTGCGATATTGA  $\tt CTGGCGGTTACAACTATCATGGTAAGCATGAGTTTGTGACTCTGGAAGGTATGGAAAAAGCGGTGCAGGTGATCGTCCGT$  $\tt ATTGCCGAGTTAACGGCGCAACGGAAGTAAGCGAAAAGGGATGCGGCATGTGATGCCGCATCCGGCTTAAATCCAAACTT$ A A A TTCTCCGCAGTCAGCGCAATGTTGCTGGCGAGTGCATCCAGTGCCGGACGGTGCGGGGAATCGATCTTCTCACCATTGGCATACACGTCGCCAATGCGCAATACGCGCAGACCACCCAGGCGCACCAGCACTTCACCTTGTTTCAGCGCATCGT AGATTTCATCCGGCTGATAAGGCGGCTCTGGCGGCGCGATATCCAGTTCATGACGTGACTGGGATATAAACTCGCCAAAC CATTGCTTAAAGTGTTCCGGCTGGTTGATCAATTCGAGCATCATCTCACGCAGTTTATCCATCTCTTGCGGCAGAACATC  ATCCACTAATCAGTTCCCGCGTATTTGGCGCGCGAAAGCCCACGGAATAGTTCATCGCATTTTCCAGCGCGTAGCCTTCA TGCGGGAATCCTGGCGGAATATAAAGAATATCACCAGGCTCCAGCTCTTCATCGATGATGGCTTCGAACGGATCGACCTG TAACAGATCCGGATGTGGGCAGTGCTGTTTCATTTGCAGCTTTTCGCCCACTCGCCAGCGACGACGTCCGGTACCCTGAA TGATAAACACGTCGTACTGATCGAGATGCGGGCCGACGCCGCCGCCGCGGGTACAGAAAAAGAAATCATCAGATCATCAATA TGACCAGTTGGTTTCACCGAGATGATCGTAGCTTTCGAACGGGCCGTGGCTGACCTGCCATTTGCCATCCTGGTGACTGA  $\tt CCAGTCGACTGTCAACTTCGCTTTCCATCGCCAGACCCGCCAACTCGTCTGGAGAGATCGGGTCAATAAAATTATTAAAG$  $\tt CATCTTTCGGCGCAGAATGCTGGCGACCAAAAATCACCTCCATCCGCGCACCGCCCAGCATGCTCTCTCCGGCGACGATT$ TTACCCTCATATTGCTCGGTGATTTCGCGGGGCTACCGCCAGCCCTACACCTTGCCCAGGGCGTAAAGTATCAACCCGTTG  ${\tt ACCACGGTCGAAAATGACCTCTCGCTTGCTTAATGGAATACCGGGGCCATCATCCTCGACCACAATATAGAGATGCTCGT}$ GTTCAGCGCTGAGGTGAGATTGTCCAGCAGTGGGGCGACCGGATGCAGCTCGCGGCTGAGCAATGTCCCGCCGCGCATAC TGGCACGATGCAGGTAGCCAATTTGCTGTGAAATGCGGCTGATTTGCTCCAGCATTACCGGCTCAGCATCACTGACG GAGCGTCGTACGGTATTTGTCGTAACGTTCGCGTTCACTTTTTAACAATCGGTTCAGGTTTCGTACCAGACTGGTCAGTT  ${\tt CGTAAACTCCACCAGGCGGCGACCCACAGCAGCAGCGGGATCACTAACAGCAGATTGGCTGAGAGCACATAGATAAACCAGCT}$  ${\tt CCAGACCATATAGGAACTTTTTAGCTCCACCGGAATGGTATCCACCACCACAATGGTTAATTTTGGCATCCGCGATGTTG}$  $\tt CCGGGTAGACGTTTACTGCCACCGAGTGGGTCATCTCCGCGTCGTCATCTTCCCGCACTTCCTGCAACTGTTGCTGT$ GTCAGGCTGGATCATCTTCATCAGCCAGGGCACGTCACGTTGCGCCCATAAAAGCTGCCCGTTCTCATCATAAATTAGCG TCATGGTGGGGCTTTGCTTGTCGATATTTTCGGGTAACTCGACATGCAACTTATTGTTTTCCCACTTCGCAAGGGTATAG AACAGATTGCTCTCGCCACGTAACAGCCGAAACGTAGTTTTATCGAAACTGACGCTATAACCGATCAGCGCGACCATTCC GCAGTAATTTTTCATCAGCGCAATTCGAACAGATAGCCCTGGCCGCGAACGGTGGTAATCACTTCTTGGGGATATTGTG AGCATTAACGAATCTTTGCTGACCACTTTGCCATTATTGCGTATCAACGTTTCCATAATAGTGTATTCGAACGCGGTCAG TCAGCACCGGCACTTAATACTTCGACTTTGTCCTGCCAGCTTTCACGGGGGGGTTAATACCAGAATCGGCAGTGAAACATC GTTGCTACGCCAGCGGCGAATCAGTGACAGACCGTCCTCGTCTGGCAATCCGAGATCGACAATCGCAATATCCGGTATAT GTTCATTGAGATAATCGGCTTCTTTGGCATCTTCTGCGTCATCGACCTGATGACCAGCATCCTGAATCTGAACTTTA AGGTGGTGACGTAACAACGCATTGTCTTCAACAACCAGTACGCGCATTTTTATTTCTCCCTGTCTTAATTATTAAAAATAG GGATAATCTTAATAAGCAGGCCGGACAGCATCGCCATCCGGCACTGATACGAGGTTTATTTCAGCTCATCAACCATCGTG ATAGCTCGACCAATATAGTTAGCCGGCGTCATCGCTTTCAGGCGGGCTTTCTCTTCTTCTGGCAACGCCAGACCATCGAT AAACTGCTTCATGCCTTCGGCGTCAACGCGCTTACCGCGAGTCAGCTCTTTCAGCTTCTCGTACGGTTTTTCGATGCCAT AGCGACGCATAACTGTCTGGATTGGTTCAGCCAGCACTTCCCAGTTGTGATCCAGTTCATCCAGCAGATGGTCACGGTTC ACTTCCAGTTTGCTCACGCCTTTCAGGGTGGATTGATATGCAATCAAGGCATAACCGATACCCACGCCGAGGTTACGCAG GGCCCAGATTCCCTTCGGAGTTTTCGAAGTCGATCGGGTTAACTTTATGCGGCATGGTGGAAGAACCAATCTCACCAGCA CGCAACGCAATCAAACAGTTCGGCAATGTAGTCGTGCGGTTCGATCTGGGTGGTGTACGGGTTCCACTGAATACCCAGCG  $\tt CCGTTGATTTTGCCGAGGATCTCCACCTGGTTAAGCTGGCGGTACTGGCGCTCCATACGGTAGGCGACGTTTGCCATCTC$ 

CTTTAATGCCATCAATCAGTTGACGCCAGTATGGCAGGATCACTTCATCACGCGCGGTTTTCAGCATTAATGCGTGGGAG AGGTTATTGATATCTTCCGAAGTACAGGCAAAGTGGATGAATTCAGAAACCGCGTGCAGTTCCGGGGATCTCCGCCACTTT $\tt TTCTTTCAGGAAATACTCAACCGCTTTAACGTCGTGGTTAGTGGTACGCTCGATAGTTTTGATGCGCCGCCGCATCTTCTT$  $\tt CGCTGAAACTGGCGACGATTGCATCAAGGTAACCGATTGCGTCGGCAGCAAAAGCAGGAACTTCCTTGATCGCTGCGTGC$ GCGGCCAGTTTTTGCAGCCAACGTACTTCAACTTGTACACGGAATTTCAGCAAACCATATTCGCTGAAAATCCCGCGCAG GGGTTAAATGAGCAAGAATTTGTTTTGCCTGAGTGGTCAGGCGATTACGAGAAAACATCAGTTGCAGACGTCCGCCGCCG ACCTGGTGCCAGAGCACGGCGCGCGAATGCCTGCCAGCAGGGTTGCGCGAACTTTCGCCTGCACTTGTGGGCTTTGCAG TCGAGCTGGGGTTCATATCAATAATACTGTTGAGTGAGACGTGTAGCGCATCGGCATCACAATGCCCCTGGTGAGCGAGT TGTTGCACCAGGCGTGCCGACTGACAATACCGGCCAGGGCGAGGGTGATGTCATAGTAATTCTTTGCCACGTTCACTGC TTCCTTGTTTTAAGTAAAGATAATAATCAGACCGGCAGCGGCAGACGCTGCTCAATAATACCGCCACCGAGGCACACTTC  ${\tt ACCGTTATAGAAGACGCCAGACTGGCCCGGCGTCACCGGCGCAACCGGTTCATCGAAAATCACTTCAATGCGATCATCGTACGGTTCATCGGAAAATCACTTCAATGCGATCATCGTACGGAAAATCACTTCAATGCGATCATCGTACGGATCATCGTATC$  $\tt CCAGCGCCTTGACGGTGCAAGGGATATCGGTCTGGCGATAGCGGGTTTTTACCGTGCAACGCATAGTGCCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTGCAGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTTGCGGTGAATGGTGCGGTGAATGGTGCAGGTGAATGGTTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCAGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGTGAATGGTGCGGGTGAATGGTGCGGTGAATGGTGCGGGTGAATGGTGCGGGTGAATGGTGCAGGGTGAATGGTGCGGGTGAATGGTGCAGGTGAATGGTGCAGGGTGAATGGTGCAGGTGAATGGTGCGGGTGAATGGTGAGGTGAATGGTGCAGGAATGGTGCAGGGATAGTGAATGGTGCAGGAATGGTAATGGTGAATGGAATGGTGAATGGAATGGTGAATGGTGAATGGTGAATGAATGGTGAATGGTGAATG$  $\tt CTTTACGCTGACCGAGAGTGTGATACATCAGCCCCTGGTGCTCACCAATTTCATCGCCATCGACGGTAATGATTTTGCCC$ GGTTGCGCCGGGAGATAACGGCCCAGGAACTCGCGGAATTTACGTTCGCCAATGAAGCAAATGCCGGTAGAGTCTTTTTT  $\mathtt{CTTCGCGGTGACCAGACCAAGATCTTCAGCAATCTTACGCACCTGCGGTTTTTCCAGTTCGCCGACCGGGAACAGGCTTT$ GCGCAATCTGCTCATGGCTGAGCGTATAAAGGAAGTAGCTCTGGTCTTTATTGCTGTCCAGACCACGCAGCAGGCGGCTC TTGCCATCGACATCGGCCCGACGTACGTAATGACCGGTAGCGATATAATCGGCACCTAAATCTTCGGCGGCAAATTCGAG GAAGGCTTTAAATTTGATCTCTTTGTTGCACAGAATATCCGGATTCGGCGTGCGACCGGCTTTATATTCGGCAAGGAACA GTTCGAAGACGTTGTCCCAGTACTCGGCAGCAAAGTTAACGGTGTGCAGTTCAATGCCGAGCTTGTCGCAGACAGCCTGG GCATCAGCCAGATCCGCTGCCGCTGTGCAATATTCCTCACCGTCGTCTTCTTCCCAGTTCTTCATAAACAGGCCTTCGAC  $\tt CTGATATCCCTGTTGTTGCAACAGCCAGGCAGAAACGGAGGAATCGACACCGCCGGACATGCCGACGATTACTTTTTTG$  ${\tt CGGTTTCAGACATTGAACTCACGACATTGAACTTCAAGGCGGCGTATTCTATCACGCAGCCTTTTAGATGACACCCT}$ TTGTAAAAGGCCAGTTAAAATCGCCAATCATCTCCAGCGGATAACGTTGCCCGCTTTGATAACAACGAATACTTTCCGCC  ${\tt ACCAGCGGCGAACGAAGATTTGACGCCTGTAAAATTTCTTCGGCGCTGACCCAACGGCAGCAGTCGATATCGCTGTCATGCTGTTCATGCTGTCATGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGCTGTCATGTCATGTCATGCTGTCA$ AGGCTGGGTCGGGCATATTTGCTCAAGCTCAATGGCAAAGAGGAAACGCAAAAACCGCGTTTTATCTGGCGCAATCCACTGATGCATACGAATAAAGTGTTGCGGCTGCGCGCTGATGCCGGTTTCTTCCCACAGTTCACGGGCGGCGGCTTCCACTAAG GTTTCATCGGCTTCCAGATGCCCGGCAGGTTGGTTCCATAACGCTTTACCATTAATCGTCTCTTCAACGACTAAAAATTT GCCTTCTGCGTGCACCACGCAAGCAACGGTAACGTGCGGTTTAAACATTTTGCATCCTTAATCTGTCACTTCTCGCCATT  $\tt CACCATTGGCAAGATTATCCAAAGAGTAATCACCCATCGCATAGCGAATCAGTCGCAGCGTGGGGAAGCCAACATGGGCGCAGCATGGGCGAACATGGGCGAACATGGGCGAACATGGGCGAACATGGGCGAACATGGGCGAACATGGGCGAACATGGGCGAACATGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGGAAGCCAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGGGGCGAACATGAGGGGAATGAGCCAACATGGGGCGAACATGGGGCGAACATGGGGGAATGAGCCAACATGGGGCGAACATGAGGGGAACCAACATGGGGCGAACATGAGGGAACATGAGGGAATGAGCAACATGGGGCGAACATGAGAATGAGGAATGAGGAATGAGGAATGAGGAACATGAGGAATGAGGAATGAGGAATGAGAATGAGGAATGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAGAATGAATGAGAATGAATGAGAATGAATGAGAATGA$ AATTGGTGGATTCCGCGGCCATAACCACGCGGGGTTCGTCAACCAGCTCCGCGCCGGCGGGCAGGGTAGGGCCATCATTTA AGGTTACGCCATTGCGCAAGGCTTCAAGTGCGTCTTGTGTGGGAATACCTTCCACCTGCACATAATAGATTTTTCCGGTG GAACATCGTAGGGTTTATTGAACAGGATCACACGCGTGGGCTGGTTTTCAGGTTTACGCCTGGTAGAACGTTGCGAGCTG AATCGCTTAACCTGGTGATTTCTAAAAGAAGTTTTTTTGCATGGTATTTTCAGAGATTATGAATTGCCGCATTATAGCCTA ATAACGCGCATCTTTCATGACGCCAAACAATAGGGTAGTATTGACAAGCCAATTACAAATCATTAACAAAAAATTGCTCT GAATGGAAAGTAAAGTAGTTGTTCCGGCACAAGGCAAGAAGATCACCCTGCAAAACGGCAAACTCAACGTTCCTGAAAAT  AGGACGTCTGCTGCTGAAACTCTTGATCTGATTCGTGAATATCGCGTTGCCATTAAAGGTCCGCTGACCACTCCG  $\tt CTATCAGGGCACTCCAAGCCCGGTTAAACACCCTGAACTGACCGATATGGTTATCTTCCGTGAAAACTCGGAAGACATTT$ ATGCGGGTATCGAATGGAAAGCAGACTCTGCCGACGCCGAGAAAGTGATTAAATTCCTGCGTGAAGAGATGGGGGTGAAG AAAATTCGCTTCCCGGAACATTGTGGTATCGGTATTAAGCCGTGTTCGGAAGAAGGCACCAAACGTCTGGTTCGTGCAGC GATCGAATACGCAATTGCTAACGATCGTGACTCTGTGACTCTGGTGCACAAAGGCAACATCATGAAGTTCACCGAAGGAG CGTTTAAAGACTGGGGCTACCAGCTGGCGCGTGAAGAGTTTGGCGGTGAACTGATCGACGGTGGCCCGTGGCTGAAAGTT AAAAACCCGAACACTGGCAAAGAGATCGTCATTAAAGACGTGATTGCTGATGCATTCCTGCAACAGATCCTGCTGCGTCC GGCTGAATATGATGTTATCGCCTGTATGAACCTGAACGGTGACTACATTTCTGACGCCCTGGCAGCGCAGGTTGGCGGTA GGTCAGGACAAAGTAAATCCTGGCTCTATTATTCTCTCCGCTGAGATGATGCTGCGCCACATGGGTTGGACCGAAGCGGC  $\tt CTAAACTGCTGAAATGTTCAGAGTTTTGGTGACGCGATCATCGAAAACATGTAATGCCGTAGTTTGTTAAATTTATTAACG$  ${\tt CGGTAGTTTTGGGGTAGGCTGGCCGGTCAGGTGGTAGTTCTACTACTAGTCTCCCACATAGATATTCCTTAGCTTTTTAT$ TTAGGACAATTATGAATTACCACTCCTTACACCCGCTCAAATATTGTTAAATTGCCGGTTTTGTATCAACTACTCACCCG GGACTCGCCAGGGGACAGCCAACAGGCATTGGGTGCAATCACCTTAGCGTTCAGGTACATGCGGAATGTAAAAAAGGCCG AACTCCCAACAGTGACATATGAACTTCCTGCTTTACTCCACGACTTTAATATTTCAAGGCCATGTGAAGAACATATTTCT TGCACTGCGAGTTCATCGAGTAATCCATAGTAAGAAACACTTTTTGAATTTTTGTAAATGTATCCGTAAAGATGTTTTCT  ${\tt TCCTGTTTCGTATTTTTGAAGTATGAGCTTTTATATTGATTTACAATAAGAGTCTCACCTCCTGATTTTAGTAATCTCT$ TGATGCTAAGAACTATTTTGTCGATTGTATCCCGACAAGGAACGCCAGAGAACATTAGAGCAAAGGATGAAATCGTAA  $\tt CCCCCAATTATTTTGTCGACATCCTCGAAAGCAACTGTATTTGCATTTTTATAATATCGTGGGACATAGTCAATAATTTT$ AGTTTTAATTCCTCTAATAATTTGCTCTCTTTCAAGTTGCCTTTTCGAGTCTAGAAAAGTAACTTCATCAAATTTACTGA TTAATTCATCAGAATATCTAAGTTTTCCGCAGCCAAAATCAAGGGCGTGGCCATTTTTCTCAATGCTTCTAATATACTCG  ${\tt CAAAGATATCTAGAGGGCATCGTATGAGGTTTTGCTGCATTCTCTGAGCGAATATTAACTCCGTGCATATTATAGTTCAA}$ AGCAAGTACCATTCAATTAATGTTATTTTTAGTGAAAAATTCTTTTATTTTATCGTCCGGGATTTTTCCGACTTGACTTT TTCAAAAAATATCCAAAAATAGTATACTTTATTCCAGAAGAGTTCAATATAATGTTTTGTCTTCAATTTTTCTTACTTCAG TTTATAATTAGATGCTTATCCCAAAGATATCGCACCCGAAGTAGTTTGGCTGCATTGTTATGTAGGTCTAACGCACCGCT AATTAAATATCCAAAAATCGCAAAAGCACAAGGTAATATACCAAAAGATAGTGCCCAATTAATAAAGCTCTCATGATCTT TAATAGGTGGGACATACTTGGTTGGTAATGTTATTAAAGGGATGTATTCGTAAATAACTAGAAGTATGCAATATTAGC GTATTTAAGAAAGTTGCTTTATGAAGTTTAGGCAACATTTCATTATAATTTTTTGGGGGGGTTCGAACATATTATTCACCTG TGTATCTGTTCAGGCTGACCTAGCTTCGCTGACAGACAATATTGTGATCAGTAGCACGTATCGAGGAGGAGTAGCGCTAC AAATGATGAAATGATGAAATGATGACAGAGTGTCCAGTGGGCACGGATGGTGTCTTACGACATGCTTACCTTAATCGTTC  $\tt CCAGTGTGCCTATAGCAGATATTCTAAACATGTCGATAATTCATTACGCATATAGTATCGAACATAGAAAAAACTGAAGA$ TTCATCTTATTTTGTATATACTACCTAGCCCAACATGTAGAGGTTAACGAAAAATGCGCTCACCAATTTGTCATCTTTT  $\tt CTCAGCAATTAATTCATCACCATTTAAGATTGCACCAGAGAGGGGCAAGATCTTAAAACGATAGTTGACGACAAAAAAA$ TTATAATTTCAGTTGTGAGTGAACCTGGTTTTAATATCCGAGTCAGGAAGAATGAGAGTAATAATTCACATGAAATAGTT GAAAAATAATGATGAGCACTTTGATTTAACAGGAAAAAATAGGCTTAAAAAGTCTGATGAACTTCTTAAATGGGCAAGGA AAAACTTGCAAACAACAGGTTGCGAATCATGGCCTAAAAAATGTCCCAAGCCAGAAGCATATTTACAAGGAAGCGAAGAC TCACAAGTTGCTAGCGAGATATTTCTTTGTGCTATTGCTTGGATTCTTCATCATGAAATAAGTCATGTTGTTTTACAGCA TCCATTGGTCACTACAGCATTCTCCACTCAAGAGGAGCGTGAAGCAGATTCACATGCTACAAAATGGATATTAGGCAACC TGTATGAATCCGCTCCTGAATTAAAGAAACGTGCACTTGGCATTGCTACGGCAGTGCTTTGTATACAAAGCTTAGAAGTT GAAAATTACTTCTGTTTACAAAATACACCCCAGCTGCATATGAGCGTATATATTCGAATATTTCATGCTACCCTGTCGG AAATGAAGAGTTGATGAAGCTCTATGTACAGTGATGCTTCAATATCTTTTCCATGGCAAAAATATCAATGTGAATCTAG ATGGGGAGTCCTTTTCATCGATTTTAGGTGATCTTCTCTGTGATATTTCACGTCTTACCAGTAACTGATATGGCTGTCCG  $\tt CCGCTCGCTTAAAGTGGACTTTTTAGTTTTTATCATGTGCGGTGAGAAATTCAATGTGGCGTTGAGATGCTTAAAGGTTC$ A CAACGCTACTTTGCTCCATCCTTTACCTCGATCATCATGATAACGATCGGTTTGTTGTTGTTTTTATGACCAAGTAGTTTTTGTGTGTCTAACCCCTGTTCTTTATACAGACGTTCAGATAAAGACCTTTGCTCATGGAATGTCGCAGGTGAACCCTC TCCCCAGTCAATTCTTGCTAAATCTCTCGCTTTACTAAAATTCATCGTCAATGTATTGGCTTTAACCTGCGCTCCGCGCT AAACTCCAGTTAATCGCATTGAGGCGAAGAGAAAGAGGAATTGCGATTTTGCTCCCGGTCTTTTCCTGAATGACATGAAG ATGATCATCCCAAATATCGCTAAATTTCATACGCGAAATATCACCTAACCGCTGACCAGTAACCAGCGCTAACAGCATGG CATTTCCCATGTAACGATGAGTAGCGTCTGCGATATCGAAGATTTTTTTCCATTCTTCAAGGCTCAGCCGTTGTCGGGTA AACATCAATCAGGACGGAGCGAACTACTTGTGCCATTCTTGGCCGCCCAGCGGCGATATACTCATCAAGCAATTGTGCTA TATCTCTGACATCAACGGCTGAGATCAACTTCATTCCTGCTCGTTCTCTGAGCAAGGATACTGGTTTAGCTTTTTGTTTA TAGGTGTTGAGTCTTATATCACCACTTTTAAGCCTGTCATCCTGGATCGCTTGATAGCGATCTAACCAGGTTGACGTTGT GATAGCCTTTCCTTTGCTGGTTGCGATCCTGTCACTGATAGCCAGAATCTGCCGGGTTCTTTGTTCAGCCAGGCGAGTGT TGGCCTCAGTGGCAATAGCGATAGCTTCAGCTTCGTTTGTTCCCAAAGCATGGAATTTTCCTGTCACTGGATGCTTATAC CGCCAATAGACTTTATTTACCTTCCTACTATAAAGCGGATATAAGTTAGGGACTGAAACATTATTCTTACGCGGTCTGGC TGTGGACACACTTGGAGGATTACTTCTGTATTTTTCAGCAGCCCATTCTTCAAGAGTTAACATTTGAAGCATATGCGATC GCACCTGTGGCCACAGCTATCAGGATGGGTCGGGTTATTAACCCGTCATCCGGGGATACTCTTCTCTGTTTTGTAAAAAG CGCTGAGCCGCATTCACCACACGCTAAGGATTCTCTCTGGTTGAAAATACTTAGCTGTTATGTGCCTGTCTTTTCACCA CGTCTATTTGAAGACACAGCCGAACAGACCAAAAAATTTGAAGAATTAATGCTTAACTTTCTGTACCAGAAAACAGTTAA AGAGTCTGACGATAGCTGCTGCAGACTGATTCCAGAGGGATATATCCTCAAAAGTACAATGAACTGCCAACAAATCCTTG ATCAAACATTTTCAATTGCTAACAGTGCCGGTGTTGACGCAAATATATTTGTCTGTAAATTTGAACAAAGCGCATGCTTA  $\tt CTTCCGTCTGCTTCCTTAGTTGGTAACGATTTCGTTCATTACGATCTTACGCCTAAGCCCATCAAGCTCGATTCTTAAAG$ TTCATGAACTCGGTTCGACCAGGGGCTTGCGCCCCGCAAGTCTTTAATGCCTGTTTTGCTAACAAAATGCGGGCCTCAGT GCCTGCATTTGGCTCTATCTGCTGCAAACGTTTAGCGTCTTCCAGCAACAATGCGATCACATGCTTCAAATTCTGCTCAT GTCCTGCCTGTTTGTTGTTCTCTTGGGTACATTATGTATCTCAAAGGTACATTGTCAAGTATAAAAAAACCTGCCGAAG CAGGTTCATAAACATTGATTAGGCTTTGATTTTGTATCTTCTTGGTTTTCCTGAGAAAATCACAGTACCAATTATAGAGC  ${\tt AATTACCGTTGATCTTAATGTAAGGCTCAGGCCAGTTTGGGTTTAACGCTTTGAGATAACGCTGTGTCCCATCTTCTATC}$ GACAAAAATCATGTCTCCCGGGCGGTACTCATCAATCATTGAATCACCTATTACCCGCAAGATATAAGTCATTTCCCCAC  ${\tt AGGGTACAGGGCAGGGATACGTTTCTGCTGTGCTCAAATCAACCTCAGAATATCCAACTTCTTTCCATGCTCCGGCCTGT}$ GTGTTCTTGATCGAGCCATCCTACAGGCAGGTCGAAACATTTTTCGATGTGTCGTGCCATGCTGTCACCGATATTTTTAG  AGGTACAAGTATCTTGAAGGTTCATTTCAATCATGTAATATGTACACCGGAGGTACATATTGTATGAAAGCGTATTGGGA GCTATAAAAAAGCCAGTTTTGTGCTGGCTAAAAAACTTGAGCAATACACATCAGGTGCAATTACGAAATCTGACTTAAGA ACTGGAAAATAGAAAAACAGCCTGAGTGGTACGTGAAAGCTGTCAGAAAAACTATCGCGGCGTTGCCGAGTGGTTACGCT GAAGCGGCTGACTGGCTCGATGTAACAGAAAACGCTTTATTCAACCGCCTTCGTGCAGATGGCGATCAGATTTTCCCGCT TTGTGTCTCTTCCTGACGTCGAGGATGTGGACACGCCGATATTAACCAGCGTCTGCTGGAAGTCATTGAACAGATCGGC AGTTATTCAAAACAGATTCGTTCAGCAATCGAAGACGGTGTAGTGGAACCGCATGAGAAGACAGCAATTAACGACGAGCT GTATCTCTCAATTTCGAAGCTGCAGGAGCATGCAGCACTTGTCTACAAAATTTTTTTGCATTTCAGAAAGTAATGACGCCC GCGAGTGTGCAGCTCCGGGCGTCGTGGCGTCGATTGCTTCTGGTTGTGGAGAAACTAACGCATGAACAGTTTAACAACAC  ${\tt ACTACCGTCGCTACTGATTGCGCTTCCTGTACCGGGTGGAAAAGCGAAGGTGGAATATTGCTATGCAGTGAATGTA}$  $\tt CCAGGTGACAGGGAAATTGTAACCCACAGCTTTGCAGAGTGGGCTGTGGGTGATTTCAACCGGCAGAAGGAGACAGTCCT$ GGTTATCTACCTCCGCGAAGGTTATGAGCATGAATGCTTCAGCCCGCTCGAACAGTTTCGTCGTAAATTCAGGGAAATAG AATTATGGCCCGCCTGGCTGATTTCAGTAATGACGAAGGTGTGTGCTGGCCATCAATTGAAACCATTGCCCGTCAGATTG GCGCGGGGATGAGTACCGTCAGAACGGCTATCGCACGGCTGGAAGCAGAAGGCTGGTTAACGCGTAAGGCGCTCGCCAG GGTGATGGTTCATCACCCCACTGTGCCGTGGTGGATGAATATCACGAGCACGCCACAGATGCGCTTTACACCACGATGCT TACCGGGATGGGGCCGACCCACCGATGTGGGCCATTACCACCGCCGGGTACAACATTGAGGGGCCGTGCTACG ACAAACGGCGGGAAGTCATCGAGATGCTCAACGGCTCGGTGCCAAACGATGAACTGTTCGGGATCATCTATACCGTTGAT GAAGGTGACGACTGGACCGCCGCAGGTGCTGGAAAAAGCCAATCCAAATATTGGCGTGTCGGTTTATCGCGAATTTTT GTTAAGTCAGCAGCGCGTGCGAAAAATAACGCCCGTCTGGCAAACGTCTTTAAAACAAAACACCTCAATATCTGGGCGT CAGCCGTGCATTCTGGCCTTTGACCTGGCGCGTAAGCTGGATATGAACAGCATGGCGCGACTTTATACCCGCGAGATTGA ATCGCCGGACAGCCGAACGCTTTCAGAAATGGGTGGAAATGGGCGTTCTGACCGTTACCGATGGTGCGGAGGTGGATTAT CGCTACATCCTCGAAGAGGCCAAAGCGGCGAACAAAATCAGCCCGGTCAGTGAGTCACCCCATCGACCCCTTCGGGGCGAC  $\tt CGGGCTGTCACATGACCTTGCTGATGAAGACCTGAACCCGTCACCATCATTCAGAACTACACCAACATGTCCGATCCGA$ TGAAAGAGCTGGAAGCGGCGATTGAATCGGGGCGCTTTCATCATGACGGCAATCCCATCATGACCTGGTGTATCGGCAAC GTGGTCGGCAAAACCATTCCGGGTAACGATGATGTGGTGAAGCCCGTCAAGGAGCAGGCGGAAAACAAAATCGATGGTGC GGATCCGCTCGCTTTAACTGAGGTAATTATGATCATGCTGATTCTCGCGCCTCTGGTGGGCGTGCTGGGTGCGCTTTTTGC TGGCGTATGGTGCCTGGCTGATTTATCCCCCGGCGGGTTTTGTTGTTGCCGGGGCGCTGTGCCTGTTCTGGTCGTGGCTG GTGGCGCGATATCTCGACCGTACACAGTCGTCTGTCGGCGGAGGTAAATAGTGTTCTTTTCGGGATTATTTCAACGAAAA AGTGACGCACCGGTGACCACGCCAGCAGAGCTGGCGGATGCCATCGGGCTGTCGTATGACACCTATACCGGAAAGCAGAT GCAATCTGTATCACCTGAACGCAGCCTGAAGCAGAGAGACCCCCGGCGAACGTCTGCATAAACTGATCTCCACGCATCCC AGTGAAAGCATTTGGCGAAGTGGCTGAACTGCTGCCCGTCGATCCCGGCTGTGTGGTATATGCGCTGGGAAGGTGTCAGC GATGGCCTGAAGGTGACCGCCGGGAGTGTTATTCAGCGCGATGACCTGGTGCAGTACACGACAACTGACGATGCAACCAG TCCTGGTCACGCCGGTGAATGGTCTGCCGTCTTCCGGTGTGGCTGACACCCTGACAGGCGGATTTGATACTGAAGAGCTG GAAACGTGGCGCGCCGCGTCATTGAGCGGTATTACTGGACGCCGCAGGGCGGGGCTGACGGGGACTATGTCGTCTGGGC TAAAGAAGTGCCCGCCATTACCCGCCATGGACATACCGTCACTTGATGGGAACGGGAACTGTCGGTGTGATGATTGCCA GCAGTGACCTGATTAATCCCATTCCGGAAGAATCAACGGAAACGGCGCAAGACATATCGGGCCACTGGCCCCGGTG  $\tt GCAGGCTCTGATTTGTATGTGTTCAGGCCGGTGGCACATACGGTGGATTTTCATATCCGCGTGACGCCGGACACCACCAGA$ AATACGGGCTGCCATTACCGCGGAGTTGCGTTCCTGCTGCTGCTGATGGTTATCCGCAGGGAGAACTCAAGGTATCGC AAAAACGAACTGGCGGTACTGGGGACGATTTCATGGACGTGACAAACGATGATTACATCCGCCTGTTATCGGCACTGTTG GGATGCCCTGATGCGGGAGCTGGATCCGCGCACCACCACTGAACTGATAAACCGCTGGGAGCGTCTGTGCGGTCTGCCGG ATCAACGAGGATTTTTATCTTGCACAGCTTGCTGCCCTGGGCAGACCAGATGCCACCATCACGCGATACGACAAAAGCAC  $\tt CCACCAACTCCACCTGGATGACATGTGGCGATCCCTGTGATTCCGCACTGCGTATCTGGGGTGACACCGTTGTCGAGTGT$ GTGCTTAACAAACTCTGCCCGTCGCATACCTACGTAATTTTTAAATATCCGGAGTAATCCATGCATCGTATAGACACGAA ATCTGGATGATGACTACTTTGACATGTTGCAGGAGGAACTTTGCAGCGTGGTGGAGGCATCCGGTGCCAGCCTGGAGAAG GGGCGCACGACCAGTTACTTACCGCACTTCGCGCGCTGTTAAGCCGCAAGAATCCGTTTGGCGATATCAAATCGGA TGGCACTGTGCAAACGGCTCTCGAAAACCTTGGTTTGGGAGAAGGAGCAAAACTCAATGCAGCAACGGCTACATTAGGAC GCACCGGTTTCATAGCTATACCGGTTATGATTGGTGGTATTGAGCAATCAGTAATCATTCAGTGGGGGTGGAATGCCGCA AAATTATGACAATGTCAGCGCACCTATCAATGCAGTGGCAACGGGGGGATATACAACCACTTCGTTTTTATTACGGTGCG CAGCTCAAACGGGTAGTTATTACTATAACTGGATTGCTATTGGGTATTAAGATGAAAATATACTGTTGCTTAAATACCGT TGGTTTTTTTATGGATGGCTGTGGCGTCATTCCGCCAGATTCTAAAGAAATAACGGCAGAACACTGGCAGTCATTATTAA AATCTCAAGCTGAAGGAGGCGTGATCGATTTTTCTGTTTTTTCCTCCTTCTATTAAAGAGGGTTATCCGTACTCATGATGAT GAAGTCGCAGATGCGAACTTTCAAAAGCAGATGCTTATCTCTGATGCAACTGATTTTATCAATAGCAGACAGTGGCAGGG TAAGGCTGCATTGGGAAGACTTAAAGAAGATGAGCTGAAACAATATAATTTTGTGGCTGGATTATCTGGAAGCACTGGAAC TGGTTGATACATCCAGTGCGCCAGATATTGAATGGCCTACGCCTCCGGCAGTTCAGGCCAGATGACATCCGGCGCGGTGC GTCTACTGCGGCGCTATGCTGTGCTTCAGTATCGGTCACCCATTTCTCACCATCCCATTTATCGTATGGAGATAAAGGGG  $\tt CGATAGTGGTTGTATTTTCAGGGTAATCACCCGGAGCTTTGATTTCTTTTGATTCTCCAGTTTTGGTGCTATAGACCGTT$ TCACCGCGATGTCTGGCACATATTCCCATGAGTTAAAATCTGCAGAACGGCAGATTGCATAACCAGCCTTATGTGTACC AGGGGCATCTAAACAGGAACATGCCGGAATGCCGACACCAACGGCAAGATATTCATTTGAAGTGGAAATATATTCCCGTG TTTCACCATCGTAGTTATAAACGGTAACATCCCCTGCCTTTGTTGCAATAAGGTCACTATTTAATATTGCTTTATGCATC AGGCTGCCCTCACGATATAGTTAAATGCAATATTACGCGGACGCGTTTCTGAGGCTGCGGCACCTAAACCATCCACTGAT TGTTTATATGTTTTAAAGGTTCCATAATCCGGGGCTGGTAATCCGGCATCGTTTGTGTTTCCTCTTTTGATAATGTCAGT GCCACTATTTACCCATATTTCATCAAAATAGAAATTAATCGTTGCATCAGTCACAATCGTGGATCTTGACGGTAATCCAT CGAATAAACTCACCACGTAAATCAGGCAATTTATTTGTCGGATAAGCCTTTGCCAGTTCCGGGTATTCTTCAGCAGAAAA AGCGGCACCATTGCATTTCAGCCAGCCTGTTGGCGGAGTGGCTGAAGGCCACGGAACCGGGACACCAACAGGTAATGCAG AGCCTTCTCCCAAACCAACGTTTATGAAAATGAAGAAATAACAAGCAAATGGCATCATTCCTGCTTTTACCAGGGGGGATT TAACATGCTTATTGGCTATGTACGCGTATCAACAAATGACCAGAACACAGATCTACAACGTAATGCGCTGAACTGTGCAG GATGCGAGCTGATTTTTGAAGACAAGATAAGCGGCACAAAGTCCGAAAGGCCGGGACTGAAAAAACTGCTCAGGACATTA TCGGCAGGTGACACTCTGGTTGTCTGGAAGCTGGATCGGCTGGGGCGTAGTATGCCGCATCTTGTCGTGCTGGTGGAGGA GTTAAAGACACTTTGTGTACAAAAGAAAGTAAAACAACAGCAACTTGTTGCAATTTTATCAATAAAAGTAGTATTGTCGT GAAAAATTGATTAAAGATTAATATTATGCATGTTTTTTGATAATAATGGAATTGAACTGAAAGCTGAGTGTTCGATAGGTG  $\tt AAGAGGATGGTGTTTATGGTCTAATCCTTGAGTCGTGGGGGCCGGGTGACAGAACAAGATTACAATATCGCTCTTGAT$ GCATTCTTTGGATGAAAGAAAAATCCATCCTGGTGAATATTTTACTTTGATTGGTAATAGCCCCCGCGATATACGCTTGA ATAAATGTTCCAGGTATTTATAGTGACAGTTTTTGGGCGTCTATAATACGTGGAGAACTATCAGAGCTTTCACAGCCTAC CAGTTGAGGTAGAAAGACTACAAAAAGTTTATGTCCGAGACCCGATGGTAAAAGCTTTGGATTTTACAGCAAAGTAAAGGT ATATGTGAAAACTGTGGTAAAAATGCTCCGTTTTATTTAAATGATGGAAACCCATATTTGGAAGTACATCATGTAATTCC  $\tt CCTGTCTTCAGGTGGTGCTGATACAACAGATAACTGTGTTGCCCTTTGTCCGAATTGCCATAGAGAATTGCACTATAGTA$ TTAAGACGTAATACCCTACAGGGTAAAAATTTTCTCTGATCTTAACTTCTGCAAATGTTAACTGCTATTTTTATGCTAAA AATGGTTATCAAAACTCAAAAACACATGTTTATAATCAATGAGTTATAGAAATGCTAAGGGCTAATGAGTTATATGCAAA GGCGCTAAGCTGCTGAAATGTTCAGAGTTTGGTGAAGCGATCATCGAAAACATGTAATCTCTCCATGTGTTAAATATTGA AACGGCCGTATAACACGCCCGTTGTTTTATTTATGTGGATATTATTAATAGCATATCGAGCATATTTATATGAAGCCCAT A CACTCTTGACTGCTTTTTGAGTAAACTCCATAAATCCTTGTTGAATGGTGCGATGTGATAAATAGTAATAGGATATTCTTATCATTTTCATATTACCCCATATGGCTGAAAAAGATATACCACATGTAGGTTGAATTACCGTGTCAATTACTATCCACTT CATTTGTTATGTCTTATCCCACGGTATTTAATATGGTTCATTAGGATGTTTATTTCTTGATTTTGCATATGAGTATATTA CCCCCCCTCAAAAAAATAAATTAAATTAAAATGATGGCTTATATAAAATAAAATTAAAGCAAGGAATCTCAATGGATGT TAAACAAAATGAGATTTTGTGAAAGCAATAAATTATTGACTTCGTTTTAGATTTGTTTAGCTATAATGTTATACATTCAA ATGACTGAACATCCTGTAATTAAAACATAGCCTTTATGCTACTTTGTGCCAATTTGCTAAACATTATGGTTGCCTTTTTA TATAACGATAATAATGAATATAAGCATGACATGAGAATAAGGTTTCAATTTTTGAGTTATATAGGAATGATTTAACCTGT TCCTGGCTAAAATACATATAACCGGATGATGACTAAACCAAAATACATGTGCGTTAAGTATTGAAACGGACGTGTGGCAC GGCCGTTGTTTTTATAAATATGTTAACCGTTATAAAATAACGTATCAAAAGTCAAGTGATCACATTTCAAATATCAAGTT GATAGTATTAGTCTGGTGATTATTTATGGGTGACAATAAAAAGACAGTATTAATCATCCATAGAGATAGTCTCTGCACTT TTATTTCCATTATGCTAATGCCTTACTGAATTATGAAGCATTTCTTAAGTATCCAACTTTAGCTAGATTAATGGTTTATT ATTTTCTACATCTTCAATATAAAAAGCGTATTATCAATGGCGTAGTAACTGCGTTTGTTATGATTAACATCAGTAACCC ACCGGAAAACGCCCGCGCCTGCCAGTGTTGAACAGTATTCCCGAAATGTAGATTTTCCGCAAATATGAAGCAATGCGGCC TCTTTTATTTTAGCAGGGTTCTTGGTCGTACTAACTTTTAACAGGTTCCTGGTTCCTCTTAATAACAAAACCGTATCATC GTGAGTAATAATTCTGATGTTATCCGTAGCCAGATAATAAATGTAATGTGCAATACGGTGATGTTTTAATTCTGAATAAA ACCAGGAGAAGTTTTGCTCTTTTCTCACTTGCTCAAACATCTTTTGAAAAAACAACGACCTGATCCATCAGGATAATAACC TCTTGTTAGTTGTGAGACTGCGTAGTGTGCACGATCGGTTTTACCACTTCAATCTGGTCTGTCCTTTGGCTGTGATATGT  ${\tt ACAGAGTGTGATAGAGGGAATATCTGAATTCTCCCGGTGAGCATTTTGCAACGGACCAGCTCCGGTACAAACGCTGTTGT}$ GGGTTCAGATTATAACATTCTGTCTAAGGGGCGGGATAAAGGTGAAATTAGGGGGCCATGAAAGATGACTTTATAACCTTG ACAGTTCCGGGCGCGATTCAATGGGATCAGCAAGAACAGAAATGTGCCATCCTGACAATGATAAACGCCATGCTTCC AGCCACAATCGTGCTCTCTCTCAACATTCCACGCCATCAGAATGGCTTCTTTACCGGGCTTACGGCGCATTTCGAAAAG  ${\tt CGAGGTTGCTGCGTATTCAATTAATGCGCCGTCAAACATACTGCTCATAATGCGGGAGGTGTTGTGATCAAGCACGAGAC}$ GCTGGCGAACAGGAAGGTAAACATGATTAATCAATTGATCTACTGGGTACTCTCGACCCAGTGAAATAATTCTCGCGCGT AGTTTGGCAGGATTAGCCATGCGAAGAATTGACATCTCTTCTTGCAGGCGGCTCCAGTCATCTTCCGTATCCTGGCT GGTGGTTTCCAGTAATGCTTTAACTTTGCCTACAGGGACGCCATTACTTATCCAACGCTTGATCTCTTCGATGCGTTGTA TGTCTTCTTCATCAAAGAGTCGGTGTCCGCCTTCACTGCGCTGTGGTTTTAACAAACCGTAGCGGCGTTGCCAGGCCCGG  ATCAATTCCTGACTGATTTTAATTCTGTCAGGCTGGAAGCGTGACAGGATAACAAACCAGCAAAACCTGCGCCAAAATG ATCAATTGCTACACTGATACCAGCAGCCTTTAGCGATTTAATCGCTTCGGCAAACTCATCAAACCGAGATATGACTTCAC TTTCAGTAAATTCAACGATGATTTGTTCAGGCACCAGAGCATTGGCCTTTATTTCATTAAGTAAAAAAAGAGACTGCGTCA GGTTCGTTAACCAGGGTCATAGGTAATAGATTGATTGAAATCATTTTATCACCGAGCTCAAGTGCGTGTGCCATCGTGAA TGCAAGCGCCTTACTTTTGAGATCCGCTGTGTAGATTTCCCCGTCTTTACGCTGCCCAACCGCTATGGCTGATGGGCTAT TCGTTTATAGTTGGTGAAAGGGCACAGGAATCAAGTTCTTTATCAGATCCGTCAGCGATAAAAAGCCAGGAGTCTTCGGC ATTCCCGCTTTGCCAAAACGGCGAGCAGGCGCGTAATCGCACAGCAGCTCAACAATATTATAGTGCCGTGGATCCTGGCA TATAGCCCGATATATCATTTTAACCTGTTCTTCCGGACCTTCCAGAAGCTGGAAAAATGAGAACCATTAAACAGTAAGA TCCCTGTTACGTCAGACTGCATGTTCCTGCGATTTGCTATCGAAACCATTTCTTCGATTTTTTTGACAGGTTCGTCGTCA CGTATATGGCTACGATAAATAAGGGTGGTAAGCATTAACAATCCAGGGTAATGGGTGAGGCGAGAGTAAGACGGTAACAG ACATATCTTCTTGTGTCTTTTTAATACCAAAACATAACCGTTTCTTTACATTGATAAAAAATGGAAAAAGTTGAACA  $\tt CTAGTTGGCGAAAAATCTTGTATAGATTGTCAGTTAAATGATGCAATATGTTTTATCATAACACATTGTTTTATATGCAT$ TAGCACTAATTGCAAAAAATTAATTTATCATTCTGTACACATATTTCGTACAAGTTTGCTATTGTTACTTCACTTAACAT TGATTAACATTTTTAACAGAGGCGTAGCATGCATCAAAATTCAGTGACTTTAGATTCTGCGGGAGCAATCACTCGTTACT TTGCAAAAGCTAACTTGCATACTCAGCAGGAAACTCTCGGGGAAATTGTGACTGAGATTTTGAAAGATGGACGTAATCTG AGTCGAAAGTCGCTTTGTGCCAAACTTCTTTGCCGACTGGAACACGCGACTGGGGAAGAGGAACACATTATAATGC ACTAATTGGGTTGCTTTTTGAATAATGCAACAGCCTGATTATTTAACAGGTTAGCTATGAAGTCGTTATGAAGACATCTG ATAATGAACGTATAAAATATGAAATTACTGGCCAGGCGGTGCTCCAGATACTGCGCATGAAGATAAATTTTTCATTGCAG ACTCTTATTAAGCAATTACTCGTAATGAAATCGGCTGAGGAAGATGCTTTCCGACGCGATTTAATTGACAGCATAATTCG TGATTTTAGCAATAGTGATTCAGGAGGGCCAAACCGAAGAACAGCGACAGCTGACAATAAAAGTATGTTCAATGGTAAGA AAATAAACAGAATACATTAAAATTTCATAAGTAAGATGAGAGGTTACCATGCTTGAAGATACTACAATTCATAATGCAAT AACTGATAAAGCGTTAGCAAGTTACTTTCGCAGTTCGGGTAATTTGTTAGAAGAAGAATCAGCAGTGTTAGGGCAGGCTG TCACCAATTTAATGCTTTCAGGCGATAATGTTAATAATAAAAAATATTATCTTAAGTCTGATACACTCCTTGGAAACAACA AGTGATATTCTCAAAGCTGATGTGATTAGAAAAACCCTGGAAATCGTGTTGCGATACACAGCTGATGATATGTAACTTCT TCTCGAGAGGGAGGTGTTCATGACGCATGGGTATGTTGATAGTCATATTATTGATCAGGCTTTACGCTTGCGTTTAAAAG ATGAAACCAGTGTGATTCTTTCTGATCTCTATCTGCAAATATTGCAGTACATTGAAATGCATAAGACTACACTAACGGAT ATCATTATTAATGACAGGGAATCCGTGCTCTCTTAGAACTTGAGTAAGGTTTTAGAATAAACATCAGCTGTATCACCATG  $\tt CTGATGCAAAGTGAGCATTTCAGGCGTTATGCTTTCTTATTATGTCCGCAATATCAGGTGTCAAGAATGGAGAGTTCTCG$ AATGAATGGCATTTTCATGTATTAAACCCTTTGGCCGGGACAAGCAAATGCGCAATACACTCATACCCATCCTCGTTGCG ATATGCTTGTTTATTACCGGTGTCGCTATTTTGAACATCCAGCTCTGGTATTCCGCAAAAGCAGAGTACCTGGCGGGAGC GAGATATGCCGCCAACAATATCAATCATATACTTGAAGAAGCGTCACAAGCGACTCAAACAGCGGTTAACATTGCCGGGA AGGAATGCAACCTCGAGGAGCAATATCAGCTTGGCACTGAAGCAGCTCTGAAACCTCACCTGCGCACAATCATCATTCTC AAACAGGGAATAGTCTGGTGTACATCCCTGCCTGGGAATCGGGTCCTGTTGTCTCGTATTCCTGTTTTCCCGGACAGTAA TTTACTGTTGGCTCCAGCAATCGACACCGTTAATAGATTACCTATCCTGCTCTATCAGAACCAATTTGCAGATACGCGCA AAAATATCATTTCACTATTATCTTTAACCCGCCGCCACTCTTTAGCTTCTACAGACTTATCGATAAAGGCTTTGGGATTT ATCCTGCGACGGCAATAAATAATGGGGAGATCGTCCCTTTTTACCAACCTGTGGTAAATGGTCGGGAAGGGACATTGCG   ${\tt CCGGAAGGTTTTCATATTGGAATTAATTTTAGCGCTTCGCATATTATTTCGCCGACGTTTTGTCGACGAGTGTTTAAATTT}$ TGGTTCAGCGGTTGAACATACTGCATGAAAATGGTTTTGTCATCGCACTGGATGATTTCGGTACTGGCTACTCAGGGCTT TCTTATCTTCATGACCTGCATATTGATTATCAAAATTGATCACAGTTTCGTTGGCCGCGTAAACGCAGACCCAGAATC  $\tt CTGGTCAAAATTATCCTTTCTAAACCGAAGGTGAAGGTTGTGGTTGAGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAGGTCAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAGGTCAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAGGCCATAGTGCGGTGAAAATTGATCAGTAAAGGCCATAGTGCGGTGAAAATTGATCAGTAAAGTGCAGTAAGTGCAGTAGTGAAAATTGATCAGTAAAGTGCAGTAGTGAAAATTGATCAGTAAAATTGATCAGTAAAATTGATCAGTAAAATTGATCAGTAAAATTGATCAGTAAAATTGATCAGTAAAATTGATCAGTAAAATTGATCAGTAAAATTGATCAGTAAATTGATCAGTAAATTGATTAAATTGATCAGTAAATTGATCAGTAAATTGATCAGTAAATTGATCAGTAAATTGATCAGTAAATTGATTAAATTGATCAGTAAATTGATCAGTAAATTGATCAGTAAATTGATCAGTAAATTGATCAGTAAATTGATTAATTGATTAATTGATTAATTGATTAATTAATTGATTAA$ TGACAGGATTGCCATTAGTAGCATGAACAATAGTAATCTGGATTATTTCACTCTCTATATCATATTTTCCATTGCAT TTATGCTGATCACCCTCCTGGTCATCCTTATTGCAAAACCCAGTACCGGGCTGGGAGAAGTGCTTGTGACGATAAATTTG  $\tt CTTAATGCCCTTGTTTGGCTGGCGATCAATCTGGTTAATCGATTAAGAGAAAGACTCGTCAACCACAGGGATCAGCAATA$ ATCTTTCAGTTTCTCACTGTCAGTATGCGGCTGAATGGGTTGCTGGCAGTGAACGCCTGGATCATTGAAGGAAAGGCATT ATTGCGCAAATAGTTGTCAACCCTGGTGTTATCACGGTTGTTTTTATATATCACCGAAATAATCCTCATCGCAACTATTA ACAATTTTGATGTCGAAGAGTTATTTGTTAAACAAAATCGTCACCTCAAAGTGATCATGTCATGAAAATAAGGTGAAAA ATGAAACTGAAAAAACTCCCCGGGTTTAGTTTGGGACTTATTGCTCTGGCGGTGGGTAATGCATATGCAACACAATTGTTGGATGATTATAGTATAATTTCCTATATGACTGATGAAGAATCGCCGATTGAAATCAAAGATAATAATCCGATAAGTAATG GAGAGTATCTAACCACTGAAGACGAAAGCCATGCTGTGAAAGTGGATGACGGTGTAACTGGATATAAAATAATGCCAGT TCTTTATGAATGGTGATAATTCAGTCGAGTCGGGTGGGGCATATTCAGCGGGGACTTTTAAGCCAGGTTAATGATTCTGAA AAGATGGTAAATAACACCCGTCTTGAAACCACAGATAAAACGAACATTGTTACCTCTGGGGAAAATGCAGTAGGTGTTCT TGCATGTTCAAGTCCTGGAGAGTCTCGAACATGTGTCGATGCTGTAGATGATGAAGTTAGTGATTCTAACAGTTACGAAG TTATTAGCCGTGCTGATTTAAAAATGAATGGTGGTTCCATAACAACTAATGGCATTAATAGCTATGGTGCTTATGCTAAT GGGAAAAAAGCATATATTAATTTAGATTATGTGGCACTTGAAACTGTGGCTGATGGAAGTTATGCAGTTGCTATTCGACA AGGTAACATTGATATAAAAAATAGTTCTATTACAACAACAGGCACTAAAGCCCCCATTGCAAAAATATACAATGGTGGAG AGTTATTTTTTCCAATGTCACCGCGGTATCAAAACAAGATAAAGGAATATCAATTGATGCATCAAATATCGATTCTCAA GCCAAAATAGCACTATTAAGTGTTGAACTTTCAAGTGCTTTGGATAGTATTGATGTTAACAAAACTACAACGGATGTAAG TATCCTTAATCGAAGTATTATCACACCTGGTAATAATGTTCTGGTTAATAATACTGGAGGTGACTTAAACATAATTTCGT  ${\tt CCGACTCTATTCTAAATGGAGCGACTAAACTCGTCAGCGGCACAACCACGCTGAAGCTTTCAGAAAATACAATCTGGAAT$ ATGAAAGATGACTCCGTTGTTACCCATCTGACTAATTCAGACAGTATTATCAATCTTTCGTATGATGATGGTCAAACATT TACCCAAGGAAAAACATTAACCGTAAAAGGTAATTATGTCGGTAATAATGGTCAGCTTAATATCCGCACCGTATTAGGTG ATGATAAATCGGCTACGGACAGACTTATTGTTGAGGGTAATACTTCGGGTTCAACTACCGTCTATGTGAAAAATGCTGGA GGAAGCGGCGCGCCCCCTAAACGGGATCGAACTCATAACTGTGAATGGCGATGAATCTCCAGCAGATGCCTTCAGATA AGGTGATGCAAGGATTGCAGCTGGAGCTTTCGAATATCAACTAAAACAACAAGGCAAAAACTGGTATTTGACAAGTTATC AGTCAGTGAATGAGGAGGATAACAGCTCAGAGGGAAATTCAGAATCAACAGAAACGCCTACCCCGTCCTGCGCCCCGAA GCTGGAAGTTACGTCGCTAACCTGGCAGCTGCTAACACTCTTTTTGTTATGCGTCTGAACGACCGTGCGGGTGAAACCGC CTACATCGATCCTGTAACTGAACAGGAGCGTTCAAGCCGACTTTGGCTACGTCAAATTGGCGGGCATAATGCCTGGCGTG GATAGTGACAGTTGGCGTTTTGGGAGTGATGGCTGGTTATGCCCGCGACTACAACTTAACTCATTCCAGCGTGTCGGATTA CATACATTGACTCCTGGGCGCAATATAGCTGGTTTAAAAACTCGGTGAAAGGGGGATGAATTAGCCTATGAATCCTATAGC GCGAAAGGTGCAACCGTCTCGCTGGAAGCGGGTTACGGTTTTGCCCTGAATAAATCCTTTGGTCTGGAAGCGGCGAAATA TACGTGGATCTTCCAGCCACAGGCACAGGCTATCTGGATGGGCGTCGATCATAATGCGCACACGGAAGCCAATGGCTCAC GTATTGAGAATGACGCAAATAACAACATCCAGACCCGACTCGGCTTCCGCACCTTTATTCGTACTCAGGAGAAAAACAGC GGTCCGCACGGTGACGACTTTGAACCTTTTGTTGAAATGAACTGGATCCATAACAGTAAAGATTTTGCTGTCTCAATGAA  AGTTCTGATCCCGCCGTTAGCTAAAAAACCGCGTCGTATTCATCGACGCGGTACATATGAAATATTATTTTTTTGCCGATA GCACGCATGGTGTCATCAATTGCCGTGATCAACAGCATTTGCGGGTCTTTAGCGCAAACCTGATTCAGTTTTTCTACCAC TTTGGCGCTCAGTTCCGGAGATTGCTCAATTTTTAAATCACGGCTGGCAACGCTGGCATTACCCATTACCGCAACAATTT  $\tt CTGCAACCTGTGCGCTGTCAGTTTTTGCCATTTCGTTGGCTTCTGCGCAAGTAATATAGGTTTCTGACGGCAAACCGTTT$ TCCTTATTTCATTTTACCCAGAATTGCACCACCCGTACCGCCAATCACGGCACCTTTAATCGCCCCTTCGAGGCCATTGC  ${\tt CGGTCAGAACGCCAGTGACAGCACCCACGTTTTTGCACCTTTACGCGCATTTTTACCGTCGCGGCCTTTTT}$ GCCTGCGCCTAGCAATGCACCTTTCGTGGTGCGGTTCATATCCGCCATCGCTGGCGTGGAGCAGAACAATGCTGAGATAA TAAGATCTGCTTAACTAAAGAACGCTCGCTATTATTCAGATAATTCAAAATGAGCGTGGCTGTGATGATAGGAATTATGT TTTTTACGTGAATGAGAATAATCTTAAATGAGGAATAACTCATTGACTAATATTTTTATTCAAGAAGTGTCATTGAC TGTTAACGCAATGTTGTAAAGGTAAGATAATCTGATTTATCAATATTATTGTGTGATTTTTATGTGAGCAGAAGATATTC ATCAGCAACGATTACATTAGTCATTTTTTTTGCCGACGGCCTCATTGTCGAAAGATAAGCGTACGACAGTATTATCAGA TCATCATGATGTCTTTGGTGAGCGGTGAACACAATACACCTGCGCTGTCTCTTCAGGATGAATCCCCTGGTCTGGTGCCT GCGGGCTGATGTTGCAGCAGAGCTTAGGTCACTTAGACGCTACTATCATTTATCCAATGGCATGGAATCGAAATCAGTCG A TACCCGCAGTATATATCGTGAACTGGGTGCAACGCTGAGTTACAACATGCGCCTGGGGAACGGTATGGAAATGAACCCTTTGTCGGGCAGACGTGGAATATACCAGGCAGCTATTAAAGCCTCATTCAGCAGTACGTTTAGCGGACATCTCGGGGTGGG GTATAGCCATGGTGCCGGTGTGGAATCCCCGTGGAACGCGGTGGCTGTGTGAACTGGTCGTTCTGACCATCAACGATTA GGGAAACCTCATCCTATGGGAGAACAATGAATAATGAAATTGCGGGGTTATCATCTCCCAGTATATCCATACTAACAATA AGCAATGAGGAGTATCAGCAAGAATACTCGCCGCTTTACCACAACGTGGATGAGAGGGATGAAAAACTCAAGGCAGAGAT  ${\tt AACTCTGCCTTGAAGATAAATGCGCTTTTACAGCGGGCTTATTTCAGCTCTTCTGCTTCCGGTAAGGTCACGTTCAGCTCTCTGCTTCAGCTCTCTGCTTCAGCTCAGCTCTCTGCTTCAGCTCAGGTCAG$ AAGAATAGAAATATCGCCATCTTTTTGCTCAAGCTGTACGGTTACCATCTCAGGATCAATTTGTACGTATTTACAAATGA  $\tt CCTCAAGAATATCTTTACGCAACTGCGGCAGATAATGCGGTTCTGCATCGCTGCGACGGCGTTCAGCAACAATAATCTGC$  ${\tt CAAGCGTTTGAGGAAGCCTTTCTTCTTCTTCAATGAAGCGGAAAGGACGTTCTTCTCCCAACAGACGTTCTACGGTAT}$ TCCTCTGGGATCACGCCGACGAGTTTGATGCGCAGGATCTCCAGCACATCTTCCATGCTCAGCATGTCACCTCTGCTTAC  $\tt CCAGAATGCCTAAAATACGGTCAGAGTCGCGTACTGAGGAGACTTCCGGGTTGGTGGTAATAATGGCTTCGTCTGCAAAA$ TAGAGTGCCATTAACGCACCGGTTTCAATCCCTGCCGGGGAGTCACAAACGATAAATTCAAAATCCATCGCTTTCAGATC ATCAAGAACTTTGGCGACCCCTTCACGGGTGAGGGCATCTTTATCGCGTGTTTGCGATGCCGGCAGAATATAGAGATTTT  ${\tt CAGTACGCTTATCTTTAATTAACGCCTGATTTAGCGTTGCATCGCCCTGAATGACGTTGACGAAATCGTAAACGACCCGG}$ TAGAAATTCCTTGTTAAAAAGGGATCAATTTAACGGTTGAACGGTCAAAGCGTTTTCGACTAACTGCAGTCGCCCCCTT TGCCATAAAATTCTGCTGGGATTTGATCACTCAGCCAGTATTCACCTGCGATGGACACCAGTTCCGCCATCAGGTTCGTA ATCGGCAATCAATTCGGCCCCAGCGCTAACGTGGCTTGTAACAATCAGATCACATTGTGGAGCATAAATACGCTGACCGG GCCACTTACGCCAATAACCCGCAAACCGGTTGCCGAAACCGCCTTATGCATCGCTGACCAGTTTACCGGGTCTTCCAGTG   $\tt CCTGGCCTTACTCAATTAGCTATTAATCATCGCCAGCGCGCGATGATGTTCCGAAGACTATAAGGCATGTTATAGTCTGG$ ATTATATTGAGGCAAGTCACCCTCCCATTTATTCAGAGTAAAAGTCTATTCTGTGATAAATGGCGCTGATTCATAGCTTA AAAAATACCCTTGTCAATCAACCCATTGCCGTCGTACTTTTGATTGTTCTTATTTACGCTTCTTTTTCCGCACCCTAAT CGTGACAGCATCTCCAGACCTGTTTAAATATCCAGTATTGAGGCAAGTGTATTTTTTCACCACGCCAGGCTTTCTTAACT TTCCATTTTTTGCGGCATCATTAAAGAACAGATACCCGTTATCTTAATATCCGCCACAGAATTGCTCTATCATAGAAACC GCAGAAGACGTCTGATACTTCTGTCAGGTCATCGTAACTCGTCCAGGTCAGCGGTTTTGATTACGGATTGATGAAAAT GAGCATAAGTGTTGTACGGTTGGATTATCAGGATGTGCTATGAATATGATGCGTATTTTTTATATCGGATTGTCAGGTGT GGGGATGTTCTCATCAATGGCGTCTGGAAATGACGCTGGCGGACTTCAATCTCCGGCGTGCGGCGTTGTTTGCGACC CGTATATTTGTGTGAACTCAGATGGCATTTCCCCAGAGTTAACAAGGAAATATCTCGGCGAAAAAGCCGCTGAAAACTTA CAATCATTACAAGGCTACGATCCCAGCGAATTTACATTCGCTAACGGTGTATTTTGCGATGTTAAAGAAAAATTATGTCG GTGAGTGATGTCTTGTTTACATTATGTTCTATTCGTCATTAACCTCTTGAGCGACAGAGAGGGGGTGGGGCATTAACGTTT  $\tt ATGACGGGGAGAGTCCCCGTCGGTTGACATTTACTTAATTTGAATATCGACGTTATATTTTTTAGTTTTTTTACGGG$ GGGGAATATCTGGATAAATCAACTGAATCATCGATTCCTGGCCCGAAGAGGTAAGTATCAGCGCCTTCATTAGAGATACT AATACAGCCTTCCTGATGCTCTTGATTTTCATTGGTAGTCTCCTGTTCAGAATGAGTACGATGAACTGTTATAATATAAC  $\tt AATCCCTAACGGGAGAATTCCAGTGGCTTTCCTGCGTTAAAATCACGTTGCGGCATTTTTGCCGGGGGGATTACTT$ ATGCCAAAACCTGGCATCTTAAAGAGTAAAAGTATGTTTTGTGTGATTTATCGAAGCAGCAAGCGTGACCAGACCTATTT ATATGTCGAAAAAAAAAAGCGATTTTTCGCGTGTTCCTGAGGAACTGATGAAAGGTTTTGGTCAGCCTCAGTTAGCGATGA TTCTGCCGCTGGATGGCCGAAGAACTGGTCAATGCCGATATTGAAAAGGTTAAACAGGCATTAACCGAGCAAGGTTAC TATTTGCAGTTACCGCCACCACCAGAGATTTGCTGAAGCAACATCTTTCCGTCATGGGGCAGAAAACAGACGACACTAA CAAATAACCGATATCCGGCGGTGGCATTATCTTTGTCGGCGCGGGTTTTCATATCCACGATAAGGTGAGGGGAACGTTAT GTATCAACATCACAACTGGCAAGGTGCGCTGCTGGATTATCCGGTGAGTAAAGTAGTCTGTGTTGGCAGTAACTATGCCA AACATATTAAAGAGATGGGCAGCGCAGTGCCCGAAGAGCCAGTGCTGTTTATTAAACCAGAAACGGCACTGTGCGATCTG GCGTCAGGCTACGGAAGAGCATGTCCGCAAAGCCATTGCCGGTTATGGCGTGGCGCTCGATCTGACATTGCGTGATGTTC  ${\tt AGGGAAAAATGAAGAAGCCGGGCAGCCGTGGGAAAAGGCTAAAGCGTTTGATAACTCTTGTCCGCTTTCCGGGTTTATT}$  $\tt CCCGCGGCGGAATTTACCGGCGACCCGCAAAATACAACGCTGAGCCTGAGCGTAAACGGCGAACAACGCCAGCAAGGTAC$ GACTGCGGACATGATCCATAAAATCGTTCCGCTGATCGCTTATATGAGCAAGTTTTTTACCCTCAAGGCCGGTGACGTTG TGTTGACAGGCACGCCTGATGGCGTCGGCCCGTTGCAAAGCGGTGATGAGCTGACAGTCACTTTCGATGGGCATTCTTTG ACAACTCGCGTTTTGTAATACTTTTTGCCGCCTGAAAGCGGCGGCAAAACTTGCATCGCTGTGCCAGACTGGTTATAAGG TGCGTTTTAACGTAATGGCGGAACACCTGATGAGCGATGTACCTTTCTGGCAAAGTAAAACCCTGGACGAAATGAGCGAT  $\mathtt{CTTCACTAACGTCGCCTGTCGCCAGCTCAATATTAAAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCGAACTGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTCGAGTTTGAACCTGTCAATGTCGGAACTACGAACGTCGTTTTCGAGTTTGAACCTGTCAATGTCGAACTACGAACGTCGTTTTCGAGTTTTGAACCTGTCAATGTCGAACTACGAACGTCGTTTTCGAGTTTTGAACCTGTCAATGTTCAATGTCAATGTCAATGTCAATGTCAATGTCAATGTCAATGTCAATGTCAATGTCAATGT$ GAAGGTAAAGATTTACCTGCGTGGCATCCGCTACTTACTGGTTCGAAAGCGGCAATGCATGGTGAACGTATCTCTGTGCG TTTAATAGATGCTGATGGGGGCTTTCTTAATATACGTCTGGATGCTCGCCATTTCGTAGCCCTGTTTTTTGAAAGCGCTCT GTCATAATGAGAGTTACCCGATACCTTATTATCAACAGGTAACTCTCAATCTTTAAAAAACGTCTGTGTTTTTAAATGTG ATAAACCTTATACCTTGAGTACATGGAGAGAATAATCGCTTATCAGACTTCAGGTACCTCAAAGAGTGTCTTTTTACCGT TCAACGTAGAATCTGGTTGTTTCAGTTTCCGTTTTTATCTCACCGATGGCGGCTATTTCGGTTGTTAATTTCAATTTGGC GGCATCGATATCTTTATTCGCTTGTTTAACCGTGTTAGACAGGGTGGTAAAGAAATTCTGCACAGATTTTAACTTGTTCT TCAATTCTGGAATCAGTTTTCCTTCAACTACGCCCGCAGCAATAGAATAGGAAATGATTAATCCAAATGGACCGGCGACG

A CACCGGCTGCGGCACCGGCATATGCTTCCTTGATTTTATCTACCTGTGACTGGAAATAGCTGCTTTTTTCTGAAAATTGTACTCATCAAATAGCAAAATATACGCTGCGAGCAATTGCGTCGCAACACCACCATTCATACACTGTTTGGGTTGC TTCAAAATACTTATCCTGGCTATCCATAAGTAAGGTTTTAATATCGCCGACTAAAACGGAGGCTGCCTGTGAATACTCCT TCTAATGCTCCATCTGCGGTTTCGATTGCGTTTTTAACTACTTCTACCGTTTTATCTGCAACGATTTCAGTCATAATCAT TCGCCTCTTTAAATATATAAATTGTAATGAAACTCCTGTTTTACAACTATTAATAAATTTTACTTCATCTAATTCATAGT TAGCCGGCGGGATGCGTCAATGTCTTTATTTCTATTAATATGATAAATATCAAACAATGTTTAATGTCATTATGGCGAA TGCTTCTATTCTATTTTTAGCCGGGTGATATTTTTCATTTCTGCTGGATGAGCGTCGTCGCCAGAAGGCCACGTGAGCA CAAGATAAGAGAACGAAAAATCAGCAGCCTATGCAGCGACAAATATTGATAGCCTGAATCAGTATTGATCTGCTGGCAAG AACAGACTACTGTATATAAAAACAGTATAACTTCAGGCAGATTATTATGTTGTTTATCAAGCCTGCGGATCTCCGCGAAA TTGTGACTTTTCCGCTATTTAGCGATCTTGTTCAGTGTGGCTTTCCTTCACCGGCAGCAGATTACGTTGAACAGCGCATC GCGAGTTTACGGTGAAAAAATTGCAACTACGCCCGACGGTACAGCTTATTCCCATGAACAGCGCGTACTCGCCCATTACC GATGTAAACGCGTTTTATGCCAGCTGTGAGACGGTGTTTCGCCCTGATTTATGGGGTAAACCGGTGGTTGTGCTATCGAA AAGATCTGTTTCGTCGCTGTGGCGTGGTTTGCTTTAGCAGCAATTATGAGCTTTACGCAGACATGAGCAATCGGGTGATG TCGACGCTGGAAGACTATCGCCCCGCGTCGAGATTTACAGTATTGATGAGGCATTCTGCGATCTGACAGGTGTGCGTAA TTGTCGCGATCTGACTGATTTTGGCAGAGAAATTCGCGCAACGGTGCTACAACGTACCCATCTTACTGTTGGTGTGGGGA TTATCAAATCTGGAACGCCAGCGTAAATTAATGTCTGCTCTCCCCGTGGATGACGTCTGGGGGGATTGGACGCCGGATCAG CAAAAAACTGGACGCGATGGGGATCAAAACCGTTCTCGATTTGGCGGATACAGATATCCGGTTTATCCGTAAACATTTTA ATGTCGTGCTCGAAAGAACGGTGCGTGAACTGCGCGGCGAACCCTGTTTGCAACTGGAAGAGTTTGCACCGACGAAGCAG GAAATTATCTGTTCCCGCTCGTTTGGTGAACGCATCACGGATTATCCGTCGATGCGGCAGGCCATTTGTAGTTACGCTGC  $\tt CCGGGCGGGAAAAACTTCGCAGCGAGCATCAATATTGTCGGTTTATCTCCACGTTTATTAAGACGTCACCATTTGCGC$ TCAATGAACCTTATTACGGCAATAGCGCGTCGGTAAAACTGCTGACGCCCACTCAGGACAGCAGGGATATCATTAACGCT GCTACGCGATCTCTGGATGCCATCTGGCAAGCGGGCCATCGTTACCAAAAAGCGGGCGTGATGCTGGGGGATTTCTTCAG TCAGGGAGTCGCGCAGCTCAATTTATTCGATGACACGCACCGCGCCCCGGGAGTGAGCAATTGATGACGGTAATGGATA CACTGAATGCTAAAGAGGGCAGAGGAACACTCTATTTTGCCGGGCAGGGGATCCAGCAACAATGGCAGATGAAGCGAGCC CGCAGGAGCGCCGAATGGATTAGCGACCGAACAGATCACGTTTTTTCGCTTTAAACGGCTGGGAAATCACCACCAGCACT GCGACAATCAGGTAAGCGATAAAAATACCGAGCAGCCACTGCGGCATTTCCAGACCTAAAAAATCCCACTGACGCTCGGC GCAATCGCCAGAGGCGACAAACACTTGCGGCACCCACTTATCCAGCGGCAGCCATTCCGGGAAACGAACCATAAAATCAC AGGTGGCAAACGGCGAAGGATAGAGCTGAAGCATGGTGTGCTCGTAAGTTAACTGCACACCGCGGAACGCACTATACAAC  ${\tt CAGATAACCATCGCTACATAACGCAGCGGAGTTTTCGGGGCGATCGCGCCAATCAGCGCAGCCCCAGAACGCCGAATAA}$ CGCGCAGCGTTCATAAATACAGAGCACGCAAGGTTTCAGTAACATCACATGCTGGAACCACAGCGCCGTCAGTTCCAGTG  $\tt CCAGAGCAGTAAACGCCATCAACAGCCACGCCCCCGGCCTTGTGAACATTGGTTCAAAAATCGCAACATAATCATTTCC$ GACAATTATCGGGCGAAAAGGCAAACCGGGCATTTATATGCCCGGTAAGTTGTTATCAAAGCGTTGCTATCCAGCCCATT TGCATAAACCATTCGGTTACAGGGGCAAGCGTAAACTCGACGCAGAGCAAGCCGACGACTGTCAGGACGAGGGTGTAAGG GTGATAGCGCCACTTTCCATTGCCGCTTTCGCTTCGTTGATATAAATCGTCCCCACGAAGACGTTATCCGAAATGGATGA CAGCAGACCGTTGAAAATATAGAACAGCGACAGCTGAGCATGTTCCGATGCCTGCAACACACAAACTGAATAATTGGCGAAA ACAGTTGTTGGTCGATAATCACCGCGACTACCGAGAAAAACACCGTCAACAGTGCGGTGAATGGCAGAGATTCGGTGAAG

TTCCGCCAGATGCAACGCCAGCGCAGTCACCAGCCAGACGCCAATAATCGCCTGGACAATCAGACGGATTTTATCCTGAC GGGTACGCTGGTGGCGGCTTTGATCGTCAAACTGTTGCAACACTTCGCGGACTTTCTCCGGCAGCGTTTCACCGTAGCCA AACCAACGCAGCTTCTCTACCAGCAGGCAGGTTAACAGGCCACAAATCAGAACCGGAACGGTCACCGGCGACATGCGCAG GAAGAAATCGCCAAAATGCCAGCCGCTTTAGCGATGATCAGGTTCTGTGGTTCGCCCACCATGGTCATTACGCCGC TTGTCGATATGACTATCGTCTTGCAGGTCGGTGTCTTCGGTACGGGAAGAGGCTACGCGGTGATAAATACCATAAAAACC GACTGCAACGCTGATCACCACCGCCACGACGGTTAAGGCATCGAGGAACGCGGAGAGGAACGCAGCCACCCAAAAAG AGAGCGACAGCAGCATTTTGGAGCGAATGCTTAACAGCAAACGGGTAAATATGAACAGCAACAGCTGTTTCATAAAATAG ATACCCGCCACCATAAACATCAGTAACAGCAAGACTTCAAGATTTGCCGCCACCTCTTCACGGACGTGTTCCGCGCTGGT CATGCCGATGAATACCGCTTCGATAGCCAACAGACCACCGGGGAGCAGCGGGTAGCATTTCAGGGCCATCGCCAGAGTGA AAATAAATTCCGCTACCAGCAACCAGCCCGCGACGAAAGGGCTGATGAGGAAAATTAACGGGTTTACGATTAAGAAAATG TTAGCCCTCTGGTATGATGAGTCCAACTTTGTTTTGCTGTGTTATGGAAATCTCACTATGGTCATTAAGGCGCAAAGCCC GTGAACTTTCAGAATTAATTGGCGTAACGCGTACTACGTTACGTGAAGTGTTACAGCGTCTGGCACGAGATGGCTGGTTG ACCATTCAACATGGCAAGCCGACGAAGGTGAATAATTTCTGGGAAACTTCCGGTTTAAATATCCTTGAAACACTGGCGCG  $\tt CCGCGTTTCGTCAGCATCCCGATAAAGCGCAGGAAGTGCTGGCTACCGCTAATGAAGTGGCCGATCACGCCGATGCCTTT$ GCCGAGCTGGATTACAACATATTCCGCGGCCTGGCGTTTGCTTCCGGCAACCCGATTTACGGTCTGATTCTTAACGGGAT GAAAGGGCTGTATACGCGTATTGGTCGTCACTATTTCGCCAATCCGGAAGCGCGCAGTCTGGCGCTGGGCTTCTACCACA AACTGTCGGCGTTGTGCAGTGAAGGCGCGCACGATCAGGTGTACGAAACAGTGCGTCGCTATGGGCATGAGAGTGGCGAG ATTTGGCACCGGATGCAGAAAAATCTGCCGGGTGATTTAGCCATTCAGGGGCGATAATCCCTTCCGTTTAAAGAGCAAAC TCTTCGTTTTGCTGTTCGAGCATCACATCAAATCCCCACAGGCGATGCACATGCTTCAGGACTTCTTTGCGCCCCCGATC  $\tt CAGCGGTGCGCGATTATGTGGAATATAACGCAGCGTCAGCGAACGGTCGCCGCGCAAATCCACGTTCCAGATCTGAATAT$  ${\tt TCGGCTCCAGATTACTTAAGTTATATTGCGACGATAACCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGGATAACCTTCTTCATTATGAATAGCGGTTACGGATCTCCCGGATAACCTTCTTCATTATGAATAGCGGATCTCCCGGATAACCTTCTTCATTATGAATAGCGGATCTCCCGGATAACCTTCTCTCATTATGAATAGCGGATCTCCCGGATAACCTTCTCATTATGAATAGCGGATCTCCCGGATAACCTTCTCTCATTATGAATAGCGGATCTCCCGGATAACCTTCTCTCATTATGAATAGCGGATAACCTTCTCTCATTATGAATAGCGGATAACCTTCTCTCATTATGAATAGCGGATAACCTTCTCTCATTATGAATAGAATAGCATAGAAT$ GAAATCTCCAGATAATTATGCCGATCGTCATCCAGCACGGTGAAGAAGCGGAAATCACGCATCACTTTCGGTGACAGGAA GGAACCAGTATTTGTCTTCTCCGTTGGCGACTGACAAATCCGTTTAATATCCTGGAACATGGCGAACCCGAGGGCATAC  ${\tt GGGTTGATGCCGCTGTACCACGGGCTGTTATAGGGGGGGCTGGAAGACCACATTGGTGTGGCTGTGCAAAAACTCCAGCAT}$ TCACCTGAGTCTGTTTTTGCGGATAAAAATACTGGCTCACCTTACGCACAATACGCAGGATTTCACGCTGCCATGATTCC  $\operatorname{GGGCTTTCTCTTGCAGCGAGATTTTTTGCGGGCGTTTGTACCGGTCCACGCCGTAGTTCATCAGCGCGTGGCACGAG$ TCCAGAAGCCGTTCTACTTCATCAACGCCATAACGCTCTTCGCACTCGGTAATATTTTACGGGCAAAAATCAGATAATC TAGGCCAGTCCTTGCTGACCGTGCTTATACAGCCGTTCAGTCTCGATAAACTTTTTACCGAATGACCAGTGCGGATAGTT GCCGGTAGAGTTTCGCCACCCGGTCTATCTCTGCCAGATAAACATCCAGCAGGTCGAACGTCCAGTCGGGTCCATCGCTC ACCTCATTTCAAGCATAGAACACCTGTTAAAAACCGCGTCGCCGGAGAATTTTTTTCTTTGCGATTTCTTATTATCAGAG TGCCACTAATCCGCTTCTGAACGGAATTTTATGCTGGATAAAAAGGGCGTTCAGCAGGAGATACTAAAGACGCCATATTG  ${\tt CCGCAGAGTCAGGGAGATGTGAGCCAGCTCACCATAAAAAAGCCGCATGTTGAATAATATTTTCAACTGAGTTATCAAGA}$  TGTGATTAGATTATTCTTTTACTGTATCTACCGTTATCGGAGTGGCTATGCGAGTTGTCATACTGGGAAGTGGTGTG GTAGGCGTTGCCAGCGCCTGGTACTTAAATCAGGCAGGACATGAGGTCACCGTCATTGATCGGGAGCCGGGGGCCCCCT GGAAACCAGTGCCGCGAATGCCGGGCAAATCTCCCCCGGATATGCTGCACCGTGGGCGCACCAGGTGTGCCTTTAAAAG TTGCCTGAAAGCATTGCGCGCCGAAACCAATATTCAGTATGAAGGGCGTCAGGGTGGGACGCTGCAACTGTTCCGTACCG AACAACAGTATGAAAATGCGACCCGCGATATCGCCGTGCTGGAAGATGCCGGCGTACCGTATCAGCTGCTGGAATCCAGC CGCCTGGCGGAAGTGGAGCCCGCGCTGGCAGAAGTGGCGCACAAACTGACGGGCGGCCTGCAGTTACCCAATGATGAAAC TTGACCAACTGCTTTGCGACGGCGAGCAAATCTACGGCGTGAAGTGTGGCGATGAAGTGATTAAGGCCGATGCGTATGTG GACCATTCCAATTGCGCAGGAAGATGGTGCGCCGGTATCCACCATTCTTGATGAAACCTACAAAATCGCCATTACCCGTT TCGATAACCGCATTCGTGTTGGCGGAATGGCGGAGATTGTTGTTTTTAATACCGAGCTGTTGCAACCGCGTCGTGAAACG GACGCCAGACGCCGGTTGTCGGGCGTACACGCTTTAAAAATCTGTGGCTGAATACCGGTCACGGCACGCTCGGCT GGACGATGGCTTGCGGTTCCGGTCAGTTGTTAAGCGATCTGCTCTCTGGTCGCCACGCCAGCGATCCCATATGAGGATCTA AGCGTAGCGCGCTACAGCCGTGGATTTACGCCATCACGTCCGGGCCATTTACATGGCGCACACAGCTAAGGAAACGAGAT GACCCGTCCGATACAGGCCAGCCTCGATCTGCAGGCATTAAAACAGAATCTGTCCATTGTCCGCCAGGCCGCGACGCACG GGCTTTGCATTGCTTAACCTGGAAGAGGCAATAACGTTACGTGAGCGCGGCTGGAAAGGACCGATCCTGATGCTGGAAGG ATTTTTCCATGCTCAGGATCTGGAGATTTATGACCAGCACCGCCTGACCACCTGCGTACACAGCAACTGGCAGCTCAAAG  ${\tt CCCGATCGCGTGCTTACCGTCTGGCAGCAGTTGCGGGCAATGGCGAATGTTGGCGAAATGACCCTGATGTCGCATTTTGC}$ GCTTCGCCGTCCGGTCAGTGGCGTGATATCGCCAATACCGGATTACGTCCGGTGATGACGCTAAGCAGTGAGATTATTGG TGTCCAGACGCTAAAAGCGGGCGAGCGTGTGGGCTACGGCGGTCGCTATACTGCGCCGCGATGAACAGCGAATCGGCATTG TCGCCGCAGGGTACGCCGACGGTTATCCGCGCCCACGCGCCTACCGGTACCCCTGTTTTAGTGGACGCGTGCGCACCATG GCTGTGGGGCAAGGAGATCAAAATTGATGATGTCGCCGCCGCTGCCGGAACGGTGGGCTATGAGTTGATGTGCGCGCTGG  $\tt CGCTACGCGTCCCGGTTGTGACGGTGTAACTTGTTGTAAGCCGGATCGGAGGCAACGTCTTCTGGGTGCAAAAAAATCAT$  ${\tt CCATCCGGCTGGTCAGCAACTGTAGTTGTTAATGTGACAGAGCCATTGCCCATGATAGTGTCCATTAAAAGGATGGACAC}$ TATTTCCCCGGAACCTGAACTCACCGCACAGGCGTTCTACATAAAACGCTTACGCTTCATTGTTGACTCGAACTCGACTT CAGATAAATCACGCTTTACCCTTGATGGAGCCTGTACATAGATTTGTGTAATTGCCTGATTTTGATATGTTCAATTCAAC ATCAAATGAAGGTTAAATTATGGACGACAAACAATTGCAGGCTCAGGCTGCGTTCAGCAAAGCATCGCAACCGGCGATAG GGCCACCGTCCAGATCATCCCGGCAAACTCTACCTGGTCACCGACAACCGGTGCCGCGCCTAACAACTGCTGGACAATTT GGTTATCACGAAACAGTGCCGCAATACGCGTCTCTTTTGGCATATGCAAATCGCGCAGTGCCGCGCCCCACGCACCATTTA  $\mathsf{TCGGCACTCAATTGATAACAAACTGCTCCCACGGATTTTCCGGATGAATATCCAGGCCAACGCGTGACACCGGACGTCC$ GCGCCGCTAATCCTACCCAGCTGATAAACACGCGCTCACGCAGATTGAAACCGCGGAAGGGGAGCAATCCAGCAAATAC  ${\tt CGAAAGGGGACGGCGAAGAATATCATCCATGCGGACAAAATGAGCGCCGGAATGGCAATAGGCAGCAGATCGCTTGGGT}$  $\tt CGGTTGCGAATAGGGCGATTACCCAGCAGAAAACCGCACAGATACACCGCCAGAATACCGCTACCTTCCAGCGCAGTAGT$  GCAGTAGTAAATAACCGCCGCCAAGACCTATTACAATGCCCAGACCAAATTGTTGCAGAATATCGACAATGAACATCCAG TTCAATTTCCAGCGTCGAGCCAACACGTTCGTTAAGCCCCTTACCACCCAGCAGAAAAAGACCGCTGCAGCATCGGTAG AGCCGACGATAGCGCCGATTAATAAGCCTTCAATCAAGTCAAGATTAAACAGCCACGCCGCCATCATGCCGGTTAAACCA GAGGTGATAAGCACGCCCAGCGTCGCCAGCGACAGTGCCGGTCCTAACGCCACACGAAAGGAACTGGCCTGAGTGCGCAT CGACGCCATCGACTCCTGCCAGCATGCCGATCGCCAGAAAAATAACCAGAATAGGAATGCCAAGACGGGAAGAAAATGAA ACTCCTGATTACGCTGTCTCTTATATAAACCCTACCATATTAGCGGCAGAGACAGCGTTTTACTTAGCCCTGAAGCGTGA TTTTTTACATTTTAAGAACAGGATGACCGCTAATCGTCAACTGAGTGCCTTCCCGGGTGTTATTCAGAATGGCATGTGC GCCCAACGGCAGCGTAACCGTGCGTTGTTCATGACCAAAATCGAGGCCGGTAATGAGTGGAATCGACAGGCGGGAACGCA AAAACGCGTACACTGACTCCAGGTTGTAACCTGCGTCATAATCATTGGGCGTGCTGCCGCTAAAGCTACCGAGAATAATC GCCTTCTGACGTGGCAAAATTCCCGCATGATAGAGCTGCAACAGCATACGTTCGACCCGGAAAGGGTGCTCGTTAATATC TTCCAGCACCAGAATACCGTTCTCAATTTTTGGCATCCACGGTGTACCGATCAGTGAAATCAGCATCGCAAGATTGCCTC  $\tt CCCACACGTGCCTTCGGCCCGACATGTCGGGCCTTCCCCTTGCCATTCAATGGTGAAGGTTTCATTGCGTAACGCCAGC$ ATTGCCATGCGCCAGAAGACCGCACTGAATGGCGGTAAAATCGCTATGTCCGCAAATGAGCAACGGGTCATGTTGTTGGC TGCAGTAACCCGATGGGGCAATTAAGTGAAACAGAGACATGGCAATTCCTTGCTGACAACAGAAACGAAATGTATATCAT GCCGCTTAGGTGTGCCGTTGTCACCTCAACGGCGATTCCAGGCTATAAGGATAGAAGAAGTGAAATTGAGATGGTTTGCC TTTTTGATTGTTTATTAGCGGGTTGTTCATCAAAGCATGACTATACGAACCCGCCGTGGAACGCGAAAGTTCCGGTGCA ACGTGCGATGCAGTGGATGCCAATAAGCCAGAAAGCCGGTGCAGCCTGGGGCGTCGATCCACAATTGATCACGGCGATTA TCGCTATCGAATCGGGTGGTAATCCGAACGCGGTGAGTAAATCGAATGCCATTGGTTTGATGCAGTTAAAAGCTTCAACC TCCGGACGTGATGTTTATCGCCGTATGGGCTGGAGTGGTGAGCCGACCAGCGAGCTGAAAAATCCAGAGCGTAATAT  $\tt CGCTGGTGTCATACGCTAACGGGGCAGGTGCGCTACGGACTTTCTCGTCAGATCGGAAAAAGGCGATCAGCAAA$ ATCAACGATTTGGATGCTGACGAGTTCCTCGAACACGTAGCGCGGAAATCACCCTGCGCCGCAGGCTCCGCGCTATATCTA GAAAATAATCCGCTGTAATTGCCGCTCCACCGTCGGGCTGACGTTAAGAAAACGGAAGCTCAGACGGGGAGTGGTGATGG  ${\tt TTTCATTCTTGCCATCAATCACTTTGCGCTCGCTGATGGAGATTAACTGGGCGTCAAAGTGAAAAACACCCCATTGCCCC}$ ATGTTGACTTCAATCTGAGCGAAGCGCATGCCTTCTTGTAATTCGGCAGGCTTTGCTGTTTCCAGTAATGCGCCCATGCC GCCTAACGACAAATCATACAGGCGGAAACGTAACGTACTGTTATCCGCCAGTTTGGTCTGGCAAAAATAAGGCGGATGGA GTGGGGCGGAGATGCGGAAATATCGGCGTCGTTGTACAAACCATAAGGTGGGAGGCGGTACGGTAATAAATGCCGGAAGC TGCAAGTATTCACTCTGCTGTAGTTGTTCAACAGTAAACTCGACTTTCGCACCCTGAGTTTCGGCGGTAATGGTAATGTG  ${\tt CTGTGCCTTTAGCACGGCGATGTTGTCTTCGGCTTGACTGCCGAAATCCAGCACCAGTTTATCCGGGGGTTATTGCCAGTA}$ ATTTGCTGATCAGCTGCCCGCCATTCCAACTGAGACGCAAAGGAATTGCGGCTTTGTGCAAATCGCGTAACACGCCCAGG GTTTATCGGTCACAGTTAACAAAACTTAATACAAATGCGTGAATATTTTTTACATGTTGTTCTTAAATCAGCCGACATAC GCCCAGCATCGATCCCGCCCTTGCCTATACTTAGAGCGTTGATGTAAGCATTTCTTGCGTCCGATTCATCGAAACGAGGG  ${\tt CCGCCTCCTGCGAAGAGAATAAGATTTTCATAAGGCGGATAGCGATACAGATGCCGCTATCCGCTTTCACATCAGAACGT}$ ATACTCGACACCTGCTTTACGGGTGAAAAAAATCAATATAGCACTTCGATATCCGATAAAGTCGGTTCCCGGTAACAACA   ${\tt CGTTAAAAATGGGGCGGATAGTGAGGCGGTTTTGGCTGCGCTTATTGAACATTTAGAATTGATCAATCCTTCTGGCAGATAGTGAAGAGTGAGGCGGTTTTGGCAGATTGAACATTTAGAACATTGATCAATCCTTCTGGCAGATAGTGAAGAGTGATCAATCCTTCTGGCAGATAGTGAAGAATTGAACATTGAATTGAACATTGAACATTGAACATTGAACATTGAACATTGAACATTGAACATTGAACATTGAACATTGAACATTGAACATTGAACATTGAACATTGAACATTGAATTGAACATTGAATTGAACATTGAATTGAACATTGAATTTGAATTGAATTGAATTGAATTGAATTGAATTGAATTGAATTGAATTGA$ TAAGCCAAAATACCCGTTCGGCAATGCTTCAGTTACGCGAAGAGGAATGGTCTGAATTCTTTTTTTGGTTGCTAAATTCT CTGGAGTGTCTGGATTATGTGATTATTAATTTAACTCCAGAAAGCAAAAAAACGTTGATGAGTGAACACCCGTAACAATAT TCAGGTAGCAATTGATGCTTTATATAGCCAACGTCGGCGTAAATCGCCGGGTGATGAAAGTGAAACACTTACCCGTAGAA ATGACGCTATCTTCGGCAACCACGTATGGCAAACATTTGCGCAATACTTCCCGCCAGGACTTGAAAAACCGTCTGTGTAG AAAAAACCATAGCTATGGTGTTATCTGCCGACACGCCATCCGGAGAAGCCGAATGACGTTGTCGGAGTAAGCGCTGGTT  ${\tt AAGGTGTGGGTTGTCCTCTTTGGTTGAGGGTTGCGTCGTTGCTTAACGGTCGGACGCGTCGCCGGAACATTGTCA}$  $\tt CACGGTTGCTCTTTCGGGCAGATCAAATCCAGCATTTTCAGCGTCACGCCATTGGTCCAGCCAAAGCCATCCTGTAATGG$ ATATTCGCCACCGCCCCCCGTTCCGGTGGTGCTGACATCATATTTTTCCACCAGCTTTTTCTCCCGGTCATAGGTGT GCTGAACATTGGTCAGGAAGTGCCAGCTAATGTCCATCGCCACCTCTTTTTTGCCCGTAGTTTTGTAATCCTTCTGTCGCG TTGCAGCAGATGTGTTTTCGTCGCCGTCGCCATTTTGTTGGCGCGATCTTTCGCTGCCGCATTGACGTACAGCGGGAACA GGGCGCCGCGTTAACTGATTGCGCACTTTATGACTTTTCAGGTCGTAATCGGCATACCAGCCTTGTTGATCGTTCCAC  ${\tt AGGTATTTTCGATCCCTTTTTGACGGCCATTTGCCAGCGTTTCGTACTGGTTTGCCATCGCGTTATCTCCGGCAGCTTT}$ GCTGGCGCGGGCGAGGATTTTTTCCATTTTAAACATCAGGCTGTTCAGATCGACCGGTACGATGCTGGTGCGTAAGG ATCGTCCCAGTAGCGGTTGAGAAGGGTACCATCCTGAAGTTTGACAACGCGTTTTTCCTGTTGTCCGGCTTGCAGGTTTT ${\tt ACCGTAAGTGTCTATTTCATGAGCAAAATTGGCCACCATATCCGCGACTTTATCCCAGTGACCGCTTTCGGCAAGTCCTA}$ ACATGGTGAAGTAACTGTCCCAGTAATATACCTCGCGAAAGCGTCCGCCCGGCACGACATAAGGTTCCGGCAGCGGTAAC AGAGAATCCCATTTTTCGGTGTTTTTCGGTAGAACGCGTTAATACCGGCCAAAGTCCGTCAATATGTTCGCGCAGTGACTG  $\tt CCCCTCTGGCGGAACATATTTCTCGCCTTCTTTCGGCAGGGTGAAATTGACGTTAACGAAATGGCGCAGATCAAATCCGC$  ${\tt TCTGGTTTTGCTGCATCCGATAATCAGCAAGGATCATCAGCGGATCGCTGTTCGGCACGGCATCGGCAAAGGTTTTTTGG}$ TCCGGAAAAAGTTTGGCGTTTTGCACATCATTAAACAGCGGCCCTAATAAAATATCAGGCGGCTGTGGTGTTACCGGTGT TTCTTCTGCCTGCACCGATAGCGCAGCGAAACACAAAAAGATACAGGCTGGAATTAACGCCATTTTTTGCGGGCGAGAAG GTGCGGGGGATTTCATCATCATCTCCTTTGGCGAAACCGAATAAAACGGTATTCAAGTATCAGAAAACCTTAGTTCAG TCATAAATTGGTGAAAAATATAACAGGTAGTTAAAAACCATTAGTGCTGAGTAAATTGCCGGATGACATCAGAACGATGC  $\tt CATCCGAACAGTGGCTTAACCCTGACGGTTGAAACGTTGCGTTTTAACGTCCAGCGTTAGCGTTTCTTCTGGTTGTATCG$  $\tt CCGGCGCTAAGGCAGATACCTTTTACAACCGCCGGATCCAGTTGCAGTACTGTGGAAGGATAAATGTTCTCCGCCAGTAG$ CATCAATATAGCGAGCTTGTAGATATTCATCATCCAGTTGCTGGTATTGCTGGCTAAGTTCTTTAAGAACTTGCTGCCAG GCATATTCTGCCGTGCAATGTTCATGCTGAAGGAGTTCGCTTGCCGCCGCCAGCAGTTCCGGATCATCTAACAGTGTATG GTGACCAGAAAAGATTGCGGCAATATCGTCAAGCCCGCTGGCTTCTGCTTTCGCTGTTAACGTCATCAGATCTAATAACG TGAAGTCAATAGCCTGGCGTAATCGATCTTGTTCTTCTTCCACGGTCAGGGTTGATTTTGCCTGTACCGTACATAAAACT GGTTGATAATAAAAGGCTTTACCCGAAACAGGCGGAACGGGACGCAGAGTAGGTGGAGCGACTTCCTCCGTTTCACCAAA GTTATCTTCAGCCAGCTGACGGAAAGCGATCAGTGCCTCTTCAGCTTCTGGCCCTTTCGCAATCAGGCGCAGCGTATCGT TATAGCGAACTTGTAGTAACGCAATCTGGTTAATACTCTCTGGTGTGACGCATTTGCCGTTTTTTTCCAGCAACATATCG GCATTAAATGTCGATAAGGTATAAACCAGCCGGGAGGCCGGACGTACATGCAGGCCGTTACGGTTTTTTATGACCACCGC GTTTGGCTTCCAGCGCATGCATGGCGTCAAAGATAACTTTGTCGATATCCGCCCCCGAGGCCGCGCTGACCGTTGCTGCC AGTGTACCTTCGACCAACGGCGCACCACAAACGTACTTTTGCGGCGATCTCGGGAGCCAGCAATTCCAGCGCAGTTTC AGCACTCAATAATGCGCTACCCATATCCATCATGACCAGCACATGGTCGGCATCAGCAACAGATTCGATGGCCTCCATCA  $\tt CTTTGACGGCATCGGTACCAATGGGATTTTGTGGATCGTCAATTCCCGCGGCAATGGCGATTTTACAACTATCACTCATT$  AACATCTGACGGGCTAATTCACCGACACCTTCTCCCAGTCGGCTGCTATGTGAAACTATGACCAGGTTTACCATCACCAA TTCCTTACTCTTTTGCGGCTAACGCCAACATTTGCATCATAAACATCACCGAGGTCGCGCGGGATCCTGGTGACCAATA  $\tt CATCACACGTTTTTATCGCCAGGTTCGGCTTTCCCGCGACTGATTACGCCGTCCGCGCCATCGCGGAACATCTGATAA$ AGCTCTTCCAGTGTCAGGCTTTGCCGTGCCTGGGTCGCCTGTGCGGCGGGATAAAGAAGGTACCGAACAGCGGACCACT GGCACCACCGACGCTGGAAAGCAGCGTCATACCGGTATTCTTGAGAATGAAACCGATATCTTTATCTGCGATAGCAGGGA GTTTTTCCACCACTTTGCTAAAGCCTCGGTTCATATTTAGCCCGTGGTCAGCATCGCCAATTTCGCGATCCAGTCCGGTA AGATACTCGCTCTCGGTGCTGAAAATATCGCCACAACGAGTGAGCCAGTTAACAATTTGAGTTCTGCTCAGTGACATTGC  ${\tt TTTCTCCTTATTTACCCCAGTTAAGGGCCGGGGTGTGGACCGGGGCGTCCCAGAGTGCCAGCGTTTCGTCATCAACTTTC}$ AGTAAGGTGATTGAGAAACCGGTCATATCCAGTGAGGTGCAGTACGCCCCAATTAAATTACGTTCGATAGTCAATCCCGC TTGCTGGCAACGTGTCGGCCGGTTATAGACGCCCGTACAGCTCAGAAAGCCGAGTTGCGCCAAGATTGTTAACCAGCG GCGGCGGTCAATACCCGGCTCACCATGAATGCCGACGCCAAACTCCATCTCATTATCCGCCAGGGTAAAAGAAGGTTTGC  ${\tt CCGCGGCAGGAACGGTACAGGCACCGAGAGCGATACCTATTGAGTGGCCTTGATTATTCAGCTTACGCCCCAGTTCCGCCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCCAGTTCCGCCCCAGTTCCGAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGCAGTTCCGAGTTCCGCAGTTCCGAGTTCCGCAGTTCCGAGTTCCGAGTTCCGAGTTCCGAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTC$ GTAACTCGGTCGCTGTTTCAAAGTTAAGAATATCGCCGGTGTAATTTTTGATAATCAACAGTACACCTTCGCCGCCATCA  ${\tt ACTTGCATGGCGCATTCAAAGATTTTATCGGGCGTCGGTGAGGTGAAAATTTCGCCCGGACAGGCCCCCGAAAGCATCCC}$ ACGACACGGCGACCACTGACTGCCGATGAATCCATTGTGCATCAGGCAAGGGAAAAGAAAATTAGCCCAAATTATGTTTCATAGTGAAACATATGCTTTAATGAATGTTCCATATTGAAACTTTTACGTGTATTAATACTTAAAATTGCGAGCCGGAACA  $\tt CCTGGGAGCGATGCAATAAGCTGATGAAACGGGAGACATGGAACGTACCACATCAGGCCCAGGGCGTGACATTTGCTTCT$ ATTTATCGGCGTAAGAAGCGATGCTGACGCTCGGGCAGGCTGCGCTGGAAGATGCCTGGGAATATATGGCACCGCGAGA GTGTGCGCTGTTTATCCTCGATGAAACCGCCTGCATTCTCAGCCGTAATGGCGATCCGCAAACCTTGCAGCAGCTAAGTG TGGCAATCGCCCGCGAGGTCGGAAATTTACTGCTGACGGACAGTTTGCTCGCTGAAACTAACCGTCATTTAAATCAACTT GGCGCGGTCTTGCGCCTTGACGCGACGGCAAGTCAGGGACGGCCAATCACTGAACTCTTAACGTTACCCGCCGTATTGC AACAAGCAATAAAACAGGCACATCCGCTCAAACACGTAGAAGCAACCTTTGAAAGCCAGCACCAGTTTATTGATGCGGTG ATAACCCTTAAACCGATAATAGAAACGCAGGGAACCAGCTTTATTTTGTTGCTCCATCCTGTGGAACAGATGCGGCAGTT GATGACCAGTCAATTAGGAAAAGTCAGCCATACCTTCGCTCATATGCCACAGGACGATCCGCAAACCCGCCGCTTGATTC ATTTTGGTCGCCAGGCGCGCGCAGTAGCTTTCCTGTCCTGCTTTTGTGGAGAAGAGGGCGTGGGCAAGGCACTGCTAAGT GGCGGAAGAATTTATTGGTGGCGATCGCACGGACAATGAAAATGGCCGTCTGAGTCGGCTGGAACTGGCACACGGCGGCA GTGGCAGCATTCCGGCGCTGGTGAATAACAAATTACGCAGTCTTGAAAAACGCTTCTCTACGCGGCTGAAAATTGATGAC GATGCCCTCGCTCGCTCGGTTTCTTGTGCATGGCCAGGCAACGATTTTGAACTTTACAGCGTCATCGAGAATCTTGCTCT GAGTAGTGATAACGGCCCATTCGCCGTCAGTGATTTGCCGGAACATCTGTTTACCGAGCAGCGCGACAGATGATGTCAGCG  CGCATTCAGGAAATGTCGGCTTTACTTGGGATCGGCCGCACTACGCTGTGGCGGAAAATGAAGCAACATGGCATTGATGC GCTAACAATTTTCAGCATCGTTTAAGGGCTTGTCTATCCCGCACTTAAAAGCTGAAGCGATATCCTCCGTTGACTTGCTT TGTATGTAAGCTGGGTTTGCGGCTCTATATAGAACCCATAACCAGTAGGGGACAGGTTGAACCTCTGCCCGGCTTCCAGG GAGATGCTCATTCCATTCGCAGTGCCGTTGGCGTTAACGCCGTTGTTCTGACTGTCCAGTACGTGGAAACTATTTTTCTG GCGCGATGCTTTTATAACGAGATCGCTGTAAAAACCGTTTTGTGCCATGTAACTGGCGTACATTCCCATGTAGTCTGAAC GTGCGGTACCGTCGCCTCCGCTATAGTCCGGCGATGCATGTGTTGAGCCAATATACAGACCGACATACAACGGCATTACA TCAGAGAGACGTTTATCCCCACCAAACTGGATACCGCTGTAACCCATGTCAAAGCCGCTCAGTTTGCCACTGGCAAAGGA GTCCAGGCTTCCCCCATAACTGCGCAACCAGATATTACCGTCTTTACTCTGATTTCGCAGGTCACCCATCCGTTGCATCA GCGTACGGTTTTCAACATAGTTCAATAAGTAACCGACATTGAGATAATTGCCGCCAGCATCTGCGGTCGTGGTGGGTTTA GCCTCGCTGCCCTGGTTGCGGATAGCCAATACGTGATTACCAGCACTACTCCCGCTGATATTCAATAAATCCCCTTTATT ATTAACGCCATTACCCTCGCCAACACATCAGCACGCATAATAAAGGTACTGTTACCGCTCAGGTTCTCTACGTTTAATG TGGCAAATGTGCCGGCAGTTGACCCGTGGCTGGCAAAATCGACAGTTGAATGGCTCAGCGCCAGCGTGTCGAGATTAGAA TGTCCAAACCGACCCAGGGTGCATATCCAGATTGATTAGCCCACCTTTGGAAAGAACGCTACCGTTGATAAGCATACGAC  ${\tt CCGAGGCGTTGATGCGGCTGGCGGCATAACCATCGTCATGTTGCGTTGCGATGGCCATCTGGTCGGGTGTACTCATATCA}$ ATGACCAGATCGCTCGTGAGGTCGATCTGGCTGTTGGTCATGGCATAAATTCCCCTGGCTCCTGCCGCGCCGGTGATAGC CAAACTGTCTCCGGTTATTCTACCGCCGCTGAGAGCCCACAAACCCAGCGCCAGACTGCCATTACGATCAACTGTAATAT  $\tt CGGTATTTTGCATGTTGACAACAGCCGTTGCCGTCTGGGCCGAGGCACCATAAGAACCGCCGGAAAAGATGCTGTTTCGT$ TGCGCTGCCGTGCCAGTAAAATTGATTATCGCGTCTGAACCACTGGTGACGAGGCCACCGCCCTGCGCGGAAGAAATATG TCGACAACAGAGTTTTTCTGTACGTTTATCCCCATGGCGCTGTAGCCCTGAACATCGATTGTCAGGTCTGTAGCCGTAAA CGCTTCCAAGATCGACACTGGTGCCATAGTCATTGATGGTTAGGCCTATACCGTTCGAGTTTTCAATGGTGAATTGAGTG GGTATAGTCACCAATTAAGTTAATGCCGATGGCAGAGGTTTGACCAACAACATCTACTGTGAGTCGGTTAGCTGTCAGGG AGCTGTTTTTGCCCTGAATAATGATTCCTTTTGCATATCCAGAGGCGTCGTTGACATTGACGGTGACATCATTACCCAGG TTGATATTGCCAGGCGTGTTTCCTGCTGGGGTCATTACACCATAGAGGTTTCCTGATGGATCGGCGGTATCTCCTGTAAT TCTGTCACCATCATTAATAGTAATATTGGTGCCATATTGACTTCCTGTATCAGCAGCTATCAGCAGGGGGGAAAAGATAA TTGCATTCAAACCAATAGCGCCAAATTTTATCAGTTGAATTGAGGGCGAACGGATTTTTAATTCAGCGAGACGATCTGCT  $\tt TTGGTATTCCCATTGTGTTGTTGATGCCCATACCACTCCTATATAGTACCCAGACTATGGGTCTATGGATTTTGTCATT$ TTGTTTAAATCAATGAATAATATCCTCTTATCATCATGATATTTGTATGGTGCAATCATGATGAGGCTTCTCAGAGAATAA AGTTATTCCCTAAGTTGTCGTTACTTATTCCAATTCGTTACTATAAATATGGCAAAAAATATTACAACAACAGCGGTTAA AAAATTTGGTGAAGATTTTTTTTAATAATCCTAATTAGTTATGGGAATTTCGCTTGATGTATCTGCATAACAAAAACAAT ATGCGCCATTTTTGCATTACTAATAAGAAAAAGCAAAAAACATCGATATTCATTTTTGGTCAATGGGTTTTCTGGCCTAT  $\tt CGTTGTTATTGTGCTACTGGTTATCATTTTCATCTTGCCAGCATATTGGAGCGTGATCAATTTTGATCAGCTGTGAAGGG$ GGCTGATGTGTAGTGATACAAAAACTTACGTTATATCACTGCTAATGAGATATCCGGCATCTGAACACTTATGTCTTTAA TTATTCTCGTGGTTCACTATAGGCAATAAGCACAAAAGTGTAGGATGTTACAAGAATGATTAGGACTCGGTGAAATGAAA AATCCACGCAATTGCGTGGATTTTATATACTTTTGCGCTCTTCATGAGATTTAGCGAAACCTCATGAGACAATAAATTAA

TTAGACGTTGAAAAGGAAGTTCATCACATCGCCATCTTTCACGATGTAATCTTTACCTTCTGCACGCATTTTGCCTGCTT  $\tt CTTTCGCGCCTTGTTCACCTTTGTAAGTGATGAAATCTTCAAACGAGATGGTTTGTGCACGGATAAAGCCTTTTTCAAAA$ GGTGAAGTAAGTTTGCAGGTTCAGCAGTTTATAACCGGCACGGATCACACGGTTCAGGCCCGGCTCTTCCAGCCCAAGCT GAACCTTCTTTCGCCGCGATTTCACGCACCTGGTCAAGATATGGGTTGTTTTCAAAACCGTCTTCGTTGACGTTGGCGAT GCATACCTGCATTTTCCAACTGGGGCAGGCATTTTTCCAGGACCGCCAGCTCAGCTTTCGCGTCTTTATCGCCACCTTTG GCTTTCTTCTGTACGCGATGAATCGCACGTTCGCAGGTGTCGAGGTCTGCCAGCGCCAGTTCGGTGTTGATAACTTCAAT ATCGTCAGCCGGGTTAACTTTGCCGGAAACGTGAATGATGTTGTCATTTTCAAAGCAGCGAACAACGTGACCGATCGCTT A CAAATTCCATGGTCGTGGGAAGCGTACGCTGCGGTTTTACGATTTCAGCCAGTTGATCCAGGCGAGGATCAGGCATTGGTACGACGCCTGTGTTCGGCTCAATGGTGCAGAATGGAAAGTTGGCCGCTTCAATACCGGCTTTGGTCAGCGCGTTGAACA GGGTAGATTTCCCGACGTTGGGCAAACCGACGATACCGCATTTGAATCCCATGATTTAAATCACCTTAATATCTTAATAA TCAACCTGTTATTGCTAACAGATTGCAGAAATGGAAATAACTTTGCCTATTATACACGGCACTCGGCAAAAATGCCGCAG TATTTTTATCGCCCGGATGACCGATTCCGATGCGTAAACGGTGAAAGTTAGGGTTATTACCCAATTTACTGATGATGTCT TTCAGTCCATTGTGACCACCATGGCCACCGCCCAATTTAAATTTGGCGACGCCAGGAGGCAGATCCAGTTCGTCGTGGGC  $\tt CACCAGAATTTCGTCCGGATTAATGCGGAAAAAACTGGCCATCGCCGCAACGGCTTTGCCGCTGAGATTCATAAATGTAG$ TCGGGACTAACAGGCGGACATCTTCGCCTCCAAGAGTGACTCGCGAAGTATAACCAAAGAATTTAGCCTCTTCGCGCAGC GGAGCGCGCAAACGCTCTGCCAGTAAGTCAACGAACCAGGCACCAGCATTATGTCGCGTTGCGGCGTATTCAGCACCGGG TGCGGCCCCGCTTGACAAAAACTGCGTATCAAATGCAGATAACGTAATAATTGCCTGAGTGGACTATTAGAAAGTCAAG GTGTTCAGGCGTTTATTTGTAAAGTTTTGTTGAAATAAGGGTTGTAATTGTGATCACGCCCGCACATAACCCACTGGGTG TTGTCTATACTTTACACATAAGGAAGAGGGGTATTCCCTGTTACAACCCAGAAAGTTCCGGAGGTGACATATGAAACGCA AAAACGCTTCGTTACTCGGTAACGTGCTCATGGGGTTGGGTCTGGTGGTAATGGTGGTCGGCGTGGGGTATTCAATCCTCAACCAGTTACCACAGTTTAATATGCCCCAGTATTTCGCACATGGTGCAGTGCTAAGTATTTTCGTCGGTGCCATTCTCTG GCTGGCGGGTGCCCGTGTTGGCGGGCATGAACAGGTGTGCGACCGTTACTGGTGGGTTCGCCACTATGACAAACGTTGCC GCCGTAGCGATAATCGCCGTCATAGCTAACAAATAATGCAGTTTGCTGACCAGTTTGCGCTGACTGGTCAATCTCG TACTTATAAATCCGCCATCGCCGCGCGACGATTCGGGAAGAACGCCAGGCGTCCCGGGATCGGTTGAATGCCAGCGCGAG  $\tt CCATAGTGCGCAGTGGCTGGAATTCCACGTTGCACACGCGCAGTTCACATCCCTCGGGCAGACGCTTCACAAAACGCTGG$ AACGCATCAAGACCACCAGCATCAAGTACCGGAACGGCATCCCACTTCAGAATCACAATCCGTTTGCCTTCAAGACGTGA CTCCAGGTCCGTGAATAAGCCTTCAGCAGCAGCAAAAAACAGCGGGCCAATAACGCGCAGAACCAGGACATCGTCTGGAA CATCTACGACTACCGGTGCCAGGCGAGTCATACGTGCGATACGACGCATAAACAGCAGCGATGCCAGCACGATCCCCACG CTGATGGCAATAACCATATCAAACACACGGTCAGCGACATGCACAGCAGCATGACGATGATGTCATCTTTCGGCGCATG GCAGCCAGGAGAGCGCGGTGCCAGTACCAGCAGGGCAAGAATAACCAGAATAGAGTGGATCACCGCCGAGATAGGGGAC GTTGCCCCGGCACGGACGTTAGCGGCAGAACGCGCGATGGCAGCTGTAGCGGTAATACCACCAAAGAACGGAGCGATAAT ATTCCCCAGTCCCTGTCCAACCAGTTCGCTGTTCGCCTTGTGTTTCGTCCCGGTCATACCATCCAGCACCACGGCGCAGA GGCCATTTGCAGACCGAGAAAATCTTTAATCTGCATGGTACCGATGGTGATCCCGATACCCGAGGTGAAACCTAAGGTGA CGGAAACCGGAATATACTCAATCAGGCGACCAAAGCGTGCCAGACCCATCAGAATCAAAAAGATCCCCGACAGCAAGGTC GCAACCAGCAGTCCTGCCAGTCCAAACTGTTGCGACACGGGATAGAGAATTACCACAAATGCCGCAGTCGGACCGGAAAC GCTAAAGCGTGACCCACCCGTCAGAGCAATGACAATCCCCGCAACAGCTGCGGTATATAAACCGTACTGGGGTGCCACAC CACTACCAATAGCCAACGCCATCGCCAGCGGGATAGCAATAATCCCGACGGTTATCCCGGCAATCAGGTCACGGGTAAAC  $\tt CGTGCGGCAGTATATTTTCTTTCCAGCAAGCGTCGATCAGAGCGCGGAAAGGCATCACATGTGAGGAAAATATTTTGTT$ CACAATAATGTTTCATCCGTGAGCGCATCATCTGTCAACTAAATGGCAGGTGAAGGAGGCATAGGTCATACAAATGGATA TTACAGACAAAAAACCCGCCGCGCGCGCTTTTGAGCCGGGTTCGATTAGTGTTCGAACATGGCAGAGATCGATTCTTC GTTGCTGATACGACGAATCGCTTCGGCCAGCATACCTGACAGGGTCAGAGTACGCACGTTCGGCAGTGATTTGATTTCAT CGCTCAGCGGAATGGTATCGCAGACAACGACTTCATCAATTACAGAGTTACGCAGGTTGTTCGCCGCGTTGCCAGAGAAG  ${\tt ATCGGGTGAGTCGCAAATACACGTTTAGCACCACGTTCTTTCAGAGCTTCAGCAGCTTTACACAGCGTACCGCC}$ AGTGTCGATCATATCATCGACCAGTACGCAGTCACGACCTGCAACGTCACCGATGATATGCATCACCTGTGAAACGTTCG GTTATCAACCGGAACGTCGAAGAAACCCTGAATCTGTTCAGCGTGCAGATCCACTGTCAGCACACGGTCAACACCGACGC TGGAGAGGAAGTCTGCAACCACTTTCGCAGTGATTGGTACACGAGCGGAACGGACGCGACGGTCCTGGCGCGCATAGCCA AAGTAGGGGATAACAGCGGTGATACGACCTGCGGAAGCACGACGCAGGGCATCAACCATAACGACTAATTCCATCAGGTTGTCGTTAGTAGGGGCACAAGTGGACTGATGAAAATATCACCACCGCGTACATTTTCATTAATTTGTACGCTGACTT GTGGCGTTACCAGCAAAAAGCTTCATATCAGGCACGAGAAGAACCTCAGGCATGCGTCCATTGGTGGAAAGAATCTGCCG GTCACCGAAACTCAGCTTGCCCGGCTTAAAGCATGGCTCTGTGCAATGGGGAAAGATTAGCGCCTTTCGCCACAAAGCCA  ${\tt TTGAGCCATTCCGGGGCTTGCTCTAGCACCTGGCGGGCTTCAGACTCTGTATCAAATTCAGCAAAGACACAGGCCCCTGT}$ TTAAAAATCACCGGAGTCGGAATACTTACACCAGGGTGCGCCACCAGATACCACTTCTCTGGCGGATCCACCGGCGTTAG TATTTCACCAACGCCTTCGGCAAACGCGGCATGCCCCCGAACAAGACAGCACATCTGCGCCCAGCGTCAGCCCCATTT  $\tt CCGCCGAGACCGCCCATCGGCAAACGCTTGTCAATGCTGATATTCGCACCGCTTCCCGTCGGAAGACGCCCGCTGTC$ TGCCGCAGTTTTCATCAACAATCGCGCTGCGCGAACGATCAGGTTATCTTCATGTTCCACGCCTTCAACGGGCGTTAACA GACGAATATCCCCATCGTCACGAAGCTCAATGCTGATGGTGTCGCCGTAATCAAGAAACTGAAACAGCGTTTGCAGCGTG TGGTAACCATCCGCACGCTGACCGGTAATGTATAAAAACAGATTAAGTTTTGCCGGAGAGGGCCACTGTGTCCGCATTAT CGTTTTGGTGTCATAACCACCATAAACAACCTTCCAGTTTTTGCCATTCTGGCTGTAGGTAATTTCGCTCAGGCGGTACT GGTCGTCCAGTTTGTAGTCGGTTGCATCACCCGGTAAACCTAAAATCCACTGGCGCAAGCTGTTGAGCGGAATTGGCATT  $\tt CGGTTGAGCATTCAGCTCCAGTTCCGTGCTGCCCAATGGGTTAGTGAGCAGCAGCAGCAGCGGTAGCGATCCTGGCCGGTTTGCT$ GCCAGAAAAAGCGGGCGTACACTTTTTGTTGGTCAGAAATATAAGCGAACGCGCCGCGAGTCTGATACTGATTAAGATTG AGTGAGCACAAGAGCAGCCAGCGGTAGCAGGCGGATAAGACGAAAATCGGGCAGGGGCATAGTGATGACAAGTCCTTGAG ATACGTTGCAGTTATAACCCTTAATGCTAGCGTTACCGTCCGCTATCGTCTATGTTCAAGTTGTCTAATTGCCAGAATC TAACGGCTTTCGGCAATTACTCCAAAAGGGGGCGCTCTCTTTTATTGATCTTACGCATCCTGTATGATGCAAGCAGACTA ACCCTATCAACGTTGGTATTATTTCCCGCAGACATGACCCTTTTAGCACTCGGTATCAACCATAAAACGGCACCTGTATC GCTGCGAGAACGTGTATCGTTTTCGCCGGATAAGCTCGATCAGGCGCTTGACAGCCTGCTTGCGCAGCCGATGGTGCAGG  $\tt GCGGCGTGGTGCTGCGACGTGCAACCGCACGGAACTTTATCTTAGCGTTGAAGAGCAGGACAACCTGCAAGAGGCGTTA$ ATCCGCTGGCTTTGCGATTATCACAATCTTAATGAAGAAGATCTGCGTAAAAGCCTCTACTGGCATCAGGATAACGACGC GGTTAGCCATTTAATGCGTGTTGCCAGCGGCCTGGATTCACTGGTTCTGGGGGGAGCCGCAGATCCTCGGTCAGGTTAAAA  ${\tt AAGCGTTTGCCGATTCGCAAAAAGGTCATATGAAGGCCAGCGAACTGGAACGCATGTTCCAGAAATCTTTCTCTGTCGCGAAGGCGAACTGTTCCAGAAAATCTTTCTCTGTCGCGAAGGCAACTGGAACGCATGTTCCAGAAATCTTTCTCTGTCGCGAAGGCAACTGGAACGCATGTTCCAGAAAATCTTTCTCTGTCGCGAACTGGAACGCATGTTCCAGAAAATCTTTCTCTGTCGCGAACTGGAACTGGAACGCATGTTCCAGAAAATCTTTCTCTGTCGCGAACTGGAACTGGAACTGGAACTGGAACTGTTCCAGAAAATCTTTCTCTGTCGCGAACTGGAACTGGAACTGGAACTGGAACTGTTCCAGAAAATCTTTCTCTGTCGCGAACTGGAACTGGAACTGGAACTGGAACTGTTCCAGAAATCTTTCTCTTGTCGCGAACTGGAACTGGAACTGGAACTGGAACTGTTCCAGAAATCTTTCTCTGTCGCGAACTGGAACTGGAACTGGAACTGTTCCAGAAAATCTTTCTCTGTCGCGAACTGGAACTGGAACTGGAACTGGAACTGTAAAAATCTTTCTCTTGTCGCGAACTGGAACTGGAACTGGAACTGGAACTGGAACTGTTCCAGAAAATCTTTCTCTTGTCGCGAACTGAACTG$ AACACAAAGTACAGAAGATGATTATCGCCAACCGCACTCGCGAACGTGCCCAAATTCTGGCAGATGAAGTCGGCGCGGAA GTGATTGCCCTGAGTGATATCGACGAACGTCTGCGCGAAGCCGATATCATCATCAGTTCCACCGCCAGCCCGTTACCGAT  ${\tt GCGATGTTGAGCCGGAAGTTGGCAAACTGGCGAATGCTTATCTTTATAGCGTTGATGATCTGCAAAGCATCATTTCGCAC}$ AACCTGGCGCAGCGTAAAGCCGCAGCGGTTGAGGCGGAAACTATTGTCGCTCAGGAAACCAGCGAATTTATGGCGTGGCT GCGAGCACAAAGCGCCAGCGAAACCATTCGCGAGTATCGCAGCCAGGCAGAGCAAGTTCGCGATGAGTTAACCGCCAAAG CGTTAGCGGCCCTTGAGCAGGCCGCGCGCGCAAGCCATTATGCAGGATCTGGCATGGAAACTGACTAACCGCTTGATC AGCCCTGCATGAACGCCATGAAGAAGTTCAGGCGTTGCTGGGTGACGCCAAACTATCGCCGACCAGGAACGTTTTCGCG CATTATCACGCGAATATGCGCAGTTAAGTGATGTTTCGCGCTGTTTTACCGACTGGCAACAGGTTCAGGAAGATATCGAA  ${\tt ACCGCACAGATGATGCTCGATGATCCTGAAATGCGTGAGATGGCGCAGGATGAACTGCGCGAAGCTAAAGAAAAAAGCGA}$ GCAACTGGAACAGCAATTACAGGTTCTGTTACTGCCAAAAGATCCTGATGACGAACGTAACGCCTTCCTCGAAGTCCGAG TGGCGGGTAGAAATCATGAGCGCCAGCGAGGGTGAACATGGTGGTTATAAAGAGATCATCGCCAAAATTAGCGGTGATGG TGTGTATGGTCGTCTGAAATTTGAATCCGGCGGTCATCGCGTGCAACGTGTTCCTGCTACGGAATCGCAGGGTCGTATTC ATACTTCTGCTTGTACCGTTGCGGTAATGCCAGAACTGCCTGACGCAGAACTGCCGGACATCAACCCAGCAGATTTACGC  ${\tt ATTGATACTTTCCGCTCGTCAGGGGCGGTGGTCAGCACGTTAACACCACCGATTCGGCAATTCGTATTACTCACTTGCCACTTGCCACTTGCCACTTCGCACTTCGCCACTTCGCACTTCGCCACTTCGCACTTCGCACTTCGCACTTCGCACTTCGCACTTCGCACTTCGCACTTCGCACTTCGCACTTCACTTCGCACTTCACT$ GACCGGGATTGTTGATGAATGTCAGGACGAACGTTCACAACATAAAAACAAAGCTAAAGCACTTTCTGTTCTCGGTGCTC GCATCCACGCTGCTGAAATGGCAAAACGCCAACAGGCCGAAGCGTCTACCCGTCGTAACCTGCTGGGGGAGTGGCGATCGC AGCGACCGTAACCGTACTTACAACTTCCCGCAGGGGCGCGTTACCGATCACCGCATCAACCTGACGCTCTACCGCCTGGA TGAAGTGATGGAAGGTAAGCTGGATATGCTGATTGAACCGATTATCCAGGAACATCAGGCCGACCAACTGGCGGCGTTGT GAACAATGTCAGCAACTTGATGCGCTACTGACACGTCGTCGCGATGGTGAACCCATTGCTCATTTAACCGGGGTGCGAGA ATTCTGGTCGTTGCCGTTATTTGTTTCGCCAGCGACCTTAATTCCGCCGCCCGGATACGGAGTGTCTGGTGGAGCAGGCAC TGGCGCGGTTGCCTGAACAACCTTGCCGTATTCTCGATCTCGGGACGGGTACCGGGGCGATTGCGCTTGCGCTGGCTAGC GAGCGCCCGGACTGCGAAATTATCGCTGTAGATCGTATGCCTGATGCTGTCTCCCTGGCACAACGTAATGCCCAGCATCT ATCCGCCGTATATTGACGAGCAGGACCCTCATCTTCAACAAGGCGATGTCCGCTTTGAGCCGCTCACTGCGCTGGTTGCG  ${\tt GCAGACAGTGGAATGGCAGACATCGTGCATATCATCGAACAGTCGCGTAACGCGCTGGTATCCGGCGGCTTTCTGCTTCT}$ GGAACATGGCTGGCAGCAGGGCGAAGCGGTGCGACAAGCATTTATCCTCGCGGGGTATCATGACGTCGAAACCTGCCGTG ACTATGGTGATAACGAGCGCGTAACGCTCGGCCGCTATTATCAATGACAAGTTTTTCTACACTGCTTAGTGTTCATCTTA TTAGTATCGCGCTTTCTGTTGGGCTATTAACCTTACGTTTCTGGCTACGTTATCAGAAGCATCCACAGGCATTTGCTCGC TGGACGCGCATTGTGCCGCCGGTTGTCGATACGCTGTTACTGTTAAGCGGCATTGCGTTGATGGCTAAAGCGCACATCCT GCCATTTTCCGGGCAGGCACAGTGGCTGACTGAAAAGCTGTTTGGAGTTATCATTTATATCGTTTTTGGGTTTTATTGCAC AAACTCGCCACCACAAAAGTACCGTTACTGGGGTAAGTCATGAGATCGTTAGCTGATTTCGAATTTAATAAAGCGCCCATT GTGCGAAGGCATGATCCTGGCTTGCGAAGCAATCCGCCGCGATTTTCCCTCGCAAGATGTTTACGACGAACTGGAGCGTC TCGTTAGTCTGGCGAAGGAAGAATCAGCCAGCTTCTGCCTTTAGAAGAGCAGTTGGAAAAACTGATCGCGCTGTTTTAC GGCGACTGGGGATTTAAAGCCTCACGCGGTGTTTATCGTCTTTCCGATGCATTATGGCTGGACCAGGTGTTAAAGAATCG TCCCTACGCAGCTGATATTGCGCATTGAATGTCCGGATGGCGAAATTTGGCTGATTAATCCTTTTAACGGTGAATCGTTA TGATAACATTGAGGTAATCCGCAAATTGCTGGATACACTCAAAGCCTCGTTGATGGAAGAAAATCAGATGGAGCTGGCGT TACGCACCAGCGAAGCTTTATTACAATTCAACCCTGAAGATCCCTATGAAATTCGCGATCGCGGGTTGATTTATGCGCAA  $\tt CTGGATTGCGAACACGTTGCGTTGAACGATTTAAGTTATTTCGTTGAACAGTGTCCGGAAGACCCGATCAGCGAAATGAT$ TCCTATGAAACAAAAGTGGTTAGCATTGGCGACATCAACGTAGCAAATGACCTGCCGTTCGTACTGTTTGGCGGTATGA  ${\tt ACGTGTTGGAATCTCGCGATCTGGCGATGCGCATTTGCGAGCACTACGTAACTGTGACCCAGAAACTGGGTATCCCTTAC}$ AATCTTCCAGGAGTTGAAGCAGACTTTTGGCGTGAAAATTATCACCGACGTTCACGAACCAAGTCAGGCACAGCCCGTTG  $\tt GCGGTAATTAACGTCAAGAAACCACAGTTTGTCAGCCCGGGACAGATGGGTAATATCGTTGATAAATTCAAAGAAGGCGG$ TTATGAAGAAAGTGTCTGGTAACTCGCCGGTGATTTTCGACGTGACCCACGCACTGCAATGCCGCGATCCGTTTGGCGCA GCTTCCGGTGGTCGTCGTCAGGTGGCTGAGCTGGCACGAGCCGGTATGGCGGTAGGTCTGGCGGGGCTGTTTATTGA AGCGCATCCGGATCCGGAACATGCGAAATGTGATGGTCCATCCGCGCTGCCGCTGCCTAAACTGGAACCGTTCCTCAAGC AGATGAAAGCGATTGATCTGGTGAAAGGTTTCGAAGAACTGGATACCAGCAAGTAATCTTTTTTTGCTTGAAAAAATAA AGTATTAGCGTTCTGCGTTAAGACTTTTTTCATGGGTGCCGGATACAAAAAAGGCCGCAGGCTGTTACCCCTGCGGCCGG TTTCGGGCGCATATTGCCATCACGGCAGCCTGACGCCCGTTTTCACCTTACTTCCGGTTACGCCACCAGCTGACAATCGC TGCGGTAATAATTCCCGCCAGGATCGGTGCTGCCAGGTCGTGCCAGAAATCATGGCAAACTGCGCGAGCGTCATATAGC  $\tt CGCCTTGTTGTAATGACAACATTTTGCGGCTATTCTTGAATTGTTCTGGTTCAAGATTAGCCCCCGTTCTGTTGTCAGGTTTTGTTCAGGTTCAGGTTCAGGTTCAGGTTCAGGTTCAGGTTCAGGTTCAGGTT$ TGTACCTCTCAACGTGCGGGGGTTTTCTCTTTCCAGCAACCAATGCCACCAGGGATAAAGCCCCCGCAACATTGCGCCTC GCATTCCGGTTTTCAACAGCTGTTACAGTCATTTCATGAGTGCTCTGGATGAGGCTTCCAGCTCGGGTTGCCAATATTT ACTTGTGGAAGTGATAAAGACAAAAATGGCCGCAGGCTGTTACCCCTGCGGCCGGTTTCGGGCGCATATTGCCATCACGG  $\tt CAGCCTGACGCCCGTTTTCACCTTACTTCCGGTTACGCCACCAGCCGACAATCGCTGCGGTAATAATTCCCGCCAGGATCACTACTTCCCGCCAGGATCACTACTTCACCTTACTTCCGGCAGGATCACTACTTCACCTTACTTCCGGCAGGATCACTACTTCACTTCACTTCACTTCACTTCACTTCCGGCAGGATCACTACTTCA$  $\tt GGTGCCGCCAGGTCGTGCCAGAAGTCATGGCAAACTGCGCGAGCGTCATATAGCCGCCTTGTTGTAATGACAACATTTT$  ${\tt GCGGCTATTCTTGAAGTGTCTGGTTTCAAGATTAGCCCCCGTTCTGTTGTCAGGTTTTACCTCTCAACGTGCGGGGGTTT}$ TCTCTTTCCAGCAACCAATGCCACCAGGGATAAAGCCCCCGCAACATTGCGCCTCACCGGATAATTCCGGCTTGGTGTGG ATACTACGTCTCAATTCATCTTCACTTCATCCCTGAAATGTTTGCAATAAAGAGTACATTCCGGCTTTTCAACAGCTGTT GCAGTCGTTTCATGAGTGCTCTGGATGATGCTTCCAGCTCGGGTTGCCAATATTTACTTGTGGAAGAGATAAAGACAAAA  $\tt CTTCCGGTTACGCCACCAGCTGACAATCGCTGCGGTAATAATTCCCGCCAGGATCGGTGCCAGGTCGTGCCAGAAAA$ TCATGGCAAACTGCGCGAGCGTCATATAGCCGCCTTGTTGTAATGACAACATTTTGCGGCTATTCTTGAAGTGTCTGGTT  ${\tt AGGGATAAAGCCCCGCAACATTGCGCCTCACCGGATAACGCCGGCTTGGTGTGGATACTACGTCGCAATTCATCTTCACT}$ TCATCCCTGAAATGTTTGCAATGAAGAGTACATTCCGGCTTTTCAACAGCTGTTGCAGTGGTTTCGTGCAGGGTGTGGTA ATTACCGTCATCGGAGGAGATATAACTGTCAGGCAAATATCGTCATCAAATAGGCGGCAAACAGTGCCAGATGCGCTGCG  ${\tt CCATTGAGCACGTTAGTACGTCCGGTGGAGAAGGAGATATGGCACAGCACTAAAGAGGCCACCATCACCACCATTTCTGG}$ CGCACCAAGTGCAAACTGCAATTCGTTACCCGTCATAAAGGCAATTAGCGTGACGACAGGTACGGTAAGCGAAATGGTTG  $\tt CTAACACTGAACCAAAGAACAGATTCATCGCGCGCTGAACCTGGTTGTTCAACACTGCTTTTAATGCACCTAAACCTTCC$ GGCGACAGAATCAACAGTGCCACCAGGAAGCCAGTAAAGGCGACAGGGGCATTCATGCTGTCGAGCAATGTCTCCAGCGA GCTGGCGTTCATTTTGGTCACCGCAATAACGGCAATCAGATGGATAATCAACCAGATAGCATGCCACAGGCTGCTATGGG GTCTGGATCAGCAAAAATACGCCATACATTGCCGCAGAAATTAATGCTACCAGTAACGCCTGACCGGTTGAAAAATTCGC CGCAGGCAGAGCCATTGGAAATACCAGTACGATTATCGCCAGGGGGAACAGCGCAATTAAATACTGCTTGATACCAAACA GATTCATATATTGGGTGGCAAACTTACGACCGCCCAACAATAATGAAAAGCCAACCAGCCCACCGGTAACAATCATAATG AATAACCACTGAAAGGCTAAGAATAAGCGAACCGTAAGGTTCTCCCAGGCGATGGGCTAATACGTCCGCATGACGGACAA CACTAAAGGCGCTACTTAAAATACCAATAAGCGCAAGAAGATTGATGGCAATGACCACTGGTAGTGTCTGGCTGCTTCCC CACAGGAACAGCACTACCAGCGCCAGAACCGGGAAAATAAGCGAAGTCTCCTTGTGGCGGGTTTTTACCGCCTCTTGAGC TGGATATCGGTAACATTTTACGAATTTTTACCCCGCTGTCGATTTTTTACTCATTGGGGCATAAAAATAAGTATTACGTT TAGACAATGTTTGTTTTAGCGTCTCTTAAGAAGAGTCTGACCTGAAAATTCTTATGTTTTTGGCAAGAGTAGATATTGTTG ACCACACTTAATGTTCAACTTTGTAAAAGGAGTCAACGATGCCGTATAAAACGAAAAGCGATCTGCCGGAAAGCGTAAAG CACGTTCTACCGTCTCATGCCCAGGATATCTATAAAGAAGCGTTCAACAGCGCATGGGATCAATATAAAGATAAAGAAGA ATGATGATAAATGGCATAAAAAATCGTAAAACCGGTCGCTTAGTTAAAGCTATTCGTGCGGTGTTGCCTTGCAAGTGGTC CGTGGATTGCATATTGTCCCGTTAGTGGTTTCAAAATGAGCAGTAAAAATGTCCGGAAGACACCAAAAAGTTGTCGCAGG GAAGTATGCAGTGGCGGAAGTGTAAGGTGATAACGCCGTGATTTCTTGATGAATGCCGATTGTAAAACGGCATTTGGTGCC  ${\tt ACCGGTGTGGATCTTCGGCTATGGATCGTTGATGTGGAATCCGGCACTGGAGTTTACCGAATCGTGCACCGGTACACTGG}$ TTGGATGGCATCGCGCATTTTGCCTGCGCCTGACCGCCGGGCGCGGGACTGCGCACCAGCCGGGACGGATGCTTGCACTG AAAGAGGGCGGACCACAGGCGTCGCCTATCGACTGCCAGAAGAGACGCTGGAGCAGGAACTAACCCTGTTGTGGAAGCGAGAGATGATTACCGGCTGTTATCTGCCAACCTGGTGTCAGCTTGATCTTGATGATGACGCCACAGTAAACGCCATTG TGTTTATTATGGACCCGCGACATCCAGAATATGAATCTGATACTCGCGCTCAGGTCATCGCGCCGTTGATTGCGGCCGCCG AGCGGTCCGCTGGGAACCAACGCACAATACCTGTTTTCACTGGAACAGGAGCTTATCAAACTGGGAATGCAGGACGATGG GCTGAATGATTTGCTGGTATCGGTAAAAAAACTGCTGGCGGAGAATTTTCCGGATGGTGTTACGTCCGGGATTCGCCT GAGTAAACTTCCCGCATAGTGGGGCCTCAGACGCCCCCTCAAACATTAAAATGTGAGCACTTTATCGGCTGACAGCGTCC GTTTTGCACAATTTCACCGGTACATTCTGAGCGGTAAGGATCTCCAGCATTTGCTGAATGTTGTAGCCTTCCCCTGGTTT TTGCCCGCGCAACCCGGCTGTGACCGCATCAGACATGAGGAACAGACGCAGATCCAGATTGCTCTCCTGCTCTCGTAACG  ${\tt CAATGGCCAGCCGCAAGCTGTTAAACAAGGATTCGCTCCCGTAAGGTGCGCCATTGGCAACGATCACGATTTTTTGCATT}$ ATTTACTCCTGTATTCAGGGAATTAGACACTCATCTTCTATCTTACTGCTTCTGCAGCGTCTGACCAATCGGTCACATTT TTAAGGATTTTCCTGAAAGCGCGAGAAAATACGACAAAAGTTGCCAGTAATCGTTATTCTTTAAGGCTATGGTTTTTCAT GGTACAGCTAACGCACAATCTACCTTCGAGCAAAAAGCGGCAAATCCCTTTGATAATAACAATGATGGTCTGCCGGATTT AGGCATGGCTCCCGAAAATCATGATGGGGAAAAACACTTTGCTGAAATTGTGAAAGATTTCGGCGAAACCAGTATGAATG ATAACGGCTGGATACTGGCGAGCAGGCAAAAGCTTTCGCATTGGGAAAAGTCCGCGACGCGCTTAGTCAACAGGTTAAT GACAACTTGCTGGACGAAAATCTTCAGCGAGCGGGCTTTGGTGCCGAAGCGTGGGGCGAATATTTGCGATTATCGGCAAA TTTAACTCTGGTACGGGTTATCACAATCCCGTCGCGTTGAGTCTGGGATTAAATTACACCCCTGTGCCATTAGTCACTGT GACGGCCCAGCATAAACAGGGTGAAAGTGGCGAAAATCAAAATAACCTCGGGCTGAATCTTAATTACCGCTTTGGTGTAC AATAATCTACCGACTCTTGAGTACCGACAGCGAAAAACGTTAACGGTGTTTCTGGCGACACCGCCGTGGGATCTAAAACC TGGCGAAACAGTGCCGCTGAAATTACAAATCCGCAGTCGTTACGGTATTCGGCAACTGATTTGGCAGGGCGATACGCAGA GGGGCAAGCAATCACTGGCGATTGTCTGTGGTGGTGGAAGATAACCAGGGGCAGCGTGTCTCCTCCAATGAGATCACGCT AACGCTTGTCGAACCGTTCGATGCATTGTCAAACGACGAACTGCGCTGGGAACCGTAATCAGAAAATGCGCTCCTGATGC  ${\tt ACCCATACCGCTGCTTCCACGCGAGACTTGAGCTTCATTTTCTTCAGCATGTGCTTGACGTGCACTTTTACTGTGCTTTCACGCATGTGCTTTCACTGTGCTTCACTGTGCTTCACTGTGCTTTCACTGTGCTTTCACTGTGCTTCACTGTGCTTCACTGTGCTTTCACTGTGCTTTCACTGTGCTTTCACTGTGCTTTCACTGTGCTTCACTGTGCTTCACTGTGCTTTCACTGTGCTTTCACTGTGCTTTCACTGTGCTTTCACTGTGCTTTCACTGTGCTTTCACTGTGCTTCACTGTGCTTTCACTGTTTTCACTGTTTCACTGTTTCACTGTTTCACTGTTTCACTGTTTCACTGTTTCACTGTTTCACTGTTTCACTGTTTCACTGTTTCACTGTTTTCACTGTTTCACTGTTTTCACTGTTTTCACTGTTTCACTTTTTTCACTGTTTTTCACTGTTTTCACT$ GGTGATATCCAGGCGGCGAATCATCTTGTTCGGCAAACCCTGGGCAATCAGCTTGAGAATATCGCGCTCGCGTGGGG TTAACTGGTTAACATCGCGCTCAGTAGTGGCACGGTTAGCGCGCAAGCTGGCGGCCAGAACAGGCGTTAATGCTTCGCTTAATACCATTTCGCCAGCAGCTGCCTGATGCAATGCTTTCAGCAGATCTTCCGGTTCCATATCTTTTAACAGATAGCCATC TTTCGCGCAGTTTATCCAGCGTTTCCAGACCGTTCATGCCGGGCATATTGAGATCTAACAGGATCAGATCGGGATCAAGA GACTCCGCCAGTTCAATACCCTGTTCGCCATTACTCGCTTCGCCAACCACGGTGATATCTGGTGCCATACTGATAAGCTG TTTTACGCCAGTTCGCAGCATCGGGTGATCGTCAATCAGCAGGATAGTAGCCGGTTCCTGATTACTCATGGGTATCTCCT TGGACGTCTGTGAAAGTTTTTTCGGGAATAAAGGTGACCACCTCCGGTGCCACCTGATTCACGACGCGGACGCGGCA TGTTTGAGGGCGTTACTTAATGCCTCACGGGCAATTTGCAACAAGTGGATTGCCTGATGCGAAGGCACCAGGCGAGGCGG  $\tt CAGGCTCGGTGAGCTGCAAGCGGAATGTGGTGAGCAATTCACGCAACTGCGCCCAGGATGCATTCAGTTCGTTACGGATC$ TGACTTAACAGTTCGCGGCTGCTTTCTGGCAGCGCATCGCCCTGCATCTGTAAACAACTCACCTGCATCTTCATGCAAGA GAGAGATTGGGCAATAGAATCATGCAGTTCGCGCGCAATGGTGGCACGCTCTTCCATCACGATCAACTGTTGCTGACGTT  ${\tt CCTGATGGCGATCCAGCGCCAGCGTGGCGGTGAGTTGTTCAACCAGGGTATCCACCAGTTGTTGATCATGGCTAAGA}$ ACTCCTGATGATTCTCTTCATCATCAGTGTCATACACCCGCAATTCGATATCACGTAGCAGGGTTAAATTCTGTAAGCCG ACATATTGTTCAACGCAGTTCCAAGCATCGCCATTTCGTTGCGCCCGCTGATGTTTTGCGCGTTGGGTAAAATCGCGATGA TAAAAGTGCCATAAATACCGCCATTACCCGATGGACCAGTACCACTGTCTCGATGCGCATTTCCGTGGTGCGGTCAAAAC GCAGGGATCAGTTCATTACGCCAGTAATCTTGTAAACCCTGTAATTGCGCCAGTTGTCCGTCTCGTTCTGCTGCTCGAGT GAAACCGCCATCCCTGCCAGTCCAATAGCAGTAGAAAGCAACACAATAAGCGCAACCTGATTAACCAGGGTGAGCGGAGA GGAATGGCAGTATTCTCGGCTATTGGCTGAAGTATACCCATACCCGGAAAGAGTTACTCCTTATTTGCCGTGTGGTTAGT  $\tt CGCTTTACATCGGTAAGGGTAGGGATTTTACAGCACCGTGAAAAATCTCATAATTTTTATGAAGTCACTGTACTCACTAT$ GGGTAATGATAAATATCAATGATAGATAAAGTTATCTTATCGTTTGATTTACATCAAATTGCCTTTAGCTACAGACACTA AGGTGGCAGACATCGAAACGAGTATCAGAGGTGTCTATGAGTCACTCATCCGCCCCCGAAAGGGCTACTGGAGCTGTCAT TACAGATTGGCGACCGGAAGATCCTGCGTTCTGGCAACACGCGGTCAACGTATTGCCAGCCGCAACCTGTGGATTTCCG TTCCCTGTCTGCTGCTGCGTTTTGCGTATGGATGTTCAGCGCTGTTGCGGTGAACCTACCGAAAGTCGGCTTTAAT TTTACGACCGATCAGCTATTTATGTTGACTGCGCTGCCTTCGGTTTCTGGCGCGTTATTACGTGTTCCATACTCCTTTAT TCCAGTATGGCAAACATCAGCTTCTTTCTTTCCGAAACAGAAGCAGGGTGGCGCTGGGTCTGAATGGTGGTCTGGGAAA TCAAACAGCCGGATGGGACTGAGCTGTATCTGGCGAATGCGTCCTGGATATGGGTGCCGTTCCTTGCCATCTTCACCATT GCGGCGTGGTTTGGCATGAACGATCTTGCTACCTCGAAAGCCTCCATCAAGGAGCAGTTGCCGGTACTCAAACGGGGTCA TCTGTGGATTATGAGCCTGCTGTATCTGGCAACCTTCGGCTCCTTCATCGGCTTCTCCCGCGGGCTTTGCAATGCTGTCAA  $\operatorname{\mathsf{GGTGCATTATCTGACCGTCTGGGCGGAACTCGTGTCACGCTGGTGAACTTTATTCTGATGGCGATTTTCAGCGGCCTGCT$ GTTCCTGACCTTACCGACTGACGGCCAGGGCGGAAGCTTCATGGCGTTCTTCGCGGTCTTCCTGGCGCTGTTCCTGACAG GATTGGTGGCTTCTTTATCCCGAAAGCGTTTGGTAGCTCGCTGGCATTAACGGGTTCGCCAGTCGGCCAATGAAGGTAT TTTTGATTTTCTATATCGCCTGCGTAGTGATTACCTGGGCGGTATATGGTCGGCATTCTAAAAAATAAACCGTTACTCGT TTGCCGCCTTCCTGTAAACCGAATTATATAGAGTAAAATATTTGATTATCCTTTGCGCGGCATGATGTCGCGCTTTTTTT  ${\tt ATGCGTCATTTAGTTACAACATACTAATGTTATATGGTTTATTTCGCCGGATTTCATTAAGAGCCATTAATATGTTACCC}$ ATGGGGAATACTCCTTAATACCCATCTGCATAAAAATCTTAATAGTTTAAATAACTACAGGTATAAAACGTCTTAATTTA  ${\tt CAGTCTGTTATGTGGTGGCTGTTAATTATCCTAAAGGGGTATCTTAGGAATTTACTTATTTTCATCCCCATCACTCTT}$ 

GATCGTTATCAATTCCCACGCTGTTTCAGAGCGTTACCTTGCCCTTAAACATTAGCAATGTCGATTTATCAGAGGGCCGA TCCTGGTATCTTTACAGTGCCAACCGCCTGAAATACCCGATGATGCGCAAACGCCTGATGAAAATGTGGCGTGAAGCGAA GGCGCTGCATAGCGATCCGGTTGAGGCATGGGCTTCTATCATTGAAGACGCCGATAAAGCGAAAAGCTTTAAGCAGGCGC AACTACGGCCCGGACCGTGTTGCTGGTTTCTCGCCAATTCCGGCAATGTCGATGGTTTCTTACGCATCGGGTGCACGCTA TCTCTCGCTGATTGGCGGTACTTGCTTAAGCTTCTACGACTGGTACTGCGACTTGCCTCCTGCGTCTCCGCAAACCTGGG GCGAGCAAACTGACGTACCGGAATCTGCTGACTGGTACAACTCCAGCTACATCATCGCCTGGGGGTCAAACGTGCCGCAG TGAAATCGCCAAACTGTGCGATCTGTGGCTGGCACCGAAACAGGGCACCGATGCGGCAATGGCGCTGGCGATGGGCCACG TAATGCTGCGTGAATTCCACCTCGACAACCCAAGCCAGTATTTCACCGACTATGTGCGTCGCTACACCGACATGCCGATG  $\tt CTGGTGATGCTGGAAGAACGCGACGGTTACTACGCTGCAGGTCGTATGCTGCGCGCTGCTGATCTGGTTGATGCGCTGGG$  $\tt CCAGGAAACAATCCGGAATGGAAAACTGTCGCCTTTAATACCAATGGCGAAATGGTTGCGCCGAACGGTTCTATTGGCT$ TCCGCTGGGGCGAGAAGGGCAAATGGAATCTTGAGCAGCGCGACGGCAAAACTGGCGAAGAAACCGAGCTGCAACTGAGC  $\tt CTGCTGGGTAGCCAGGATGAGATCGCTGAGGTAGGCTTCCCGTACTTTGGTGGCGACGGCACGGAACACTTCAACAAAGT$ GGAACTGGAAAACGTGCTGCACAAACTGCCGGTGAAACGCCTGCAACTGGCTGATGGCAGCACCGCCCTGGTGACCA  ${\tt CCGTTTATGATCTGACGCTGGCAAACTACGGTCTGGAACGTGGCCTGAACGACGTTAACTGTGCAACCAGCTATGACGAT}$ GTGAAAGCTTATACCCCGGCCTGGGCCGAGCAGATTACCGGCGTTTTCTCGCAGCCAGATTATTCGCATCGCCCGTGAATT TGCCGATAACGCTGATAAAACGCACGGTCGTTCGATGATTATCGTCGGTGCGGGGCTGAACCACTGGTATCACCTCGATA TGAACTATCGTGGTCTGATCAACATGCTGATTTTCTGCGGCTGTGTCGGTCAGAGCGGGGGGGCTGGGCGCACTATGTA GGTCAGGAAAAACTGCGTCCGCAAACCGGCTGGCAGCCGCTGGCGTTTGCCCTTGACTGGCAGCGTCCGGCGCGTCACAT GAACAGCACTTCTTATTTCTATAACCACTCCAGCCAGTGGCGTTATGAAACCGTCACGGCGGAAGAGTTGCTGTCACCGA TGGCGGACAAATCCCGCTATACCGGACACTTGATCGACTTTAACGTCCGTGCGGAACGCATGGGCTGCCGTCTGCA ATCCCTGAAAGAGGGTTCCATCCGTTTTGCGGCAGAACAACCAGAAAACGGTAAAAACCACCCGCGCAACCTGTTCATCT GGCGTTCTAACCTGCTCGGTTCTTCCGGTAAAGGTCATGAGTTTATGCTCAAGTACCTGCTGGGGACGGAGCACGGTATC GGATCTGGTGGTTACGCTGGACTTCCGTCTGTCGAGCACCTGTCTCTATTCCGACATCATTTTGCCGACGGCGACCTGGT ACGAAAAAGACGACATGAATACTTCGGATATGCATCCGTTTATTCACCCGCTGTCTGCGGCGGTCGATCCGGCCTGGGAA GCGAAAAGCGACTGGGAAATCTACAAAGCCATCGCGAAGAAATTCTCCGAAGTGTGCGTCGGCCATCTGGGTAAAGAAC CGACATCGTCACGCTGCCTATCCAGCATGACTCTGCCGCTGAACTGGCGCAGCCGCTGGATGTGAAAGACTGGAAAAAAG GCGAGTGCGACCTGATCCCAGGTAAAACCGCGCCACACATTATGGTCGTAGAGCGCGATTATCCGGCGACTTACGAACGC TTTACCTCTATCGGCCCGCTGATGGAGAAAATCGGTAATGGCGGTAAAGGGATTGCCTGGAACACCCAGAGCGAGATGGA TCTGCTGCGTAAGCTCAACTACACCAAAGCGGAAGGTCCGGCGAAAGGCCAGCCGATGCTGAACACCGCAATTGATGCGG  $\tt CAGAGATGATCCTGACACTGGCACCGGAAACCAACGGTCAGGTAGCCGTGAAAGCCTGGGCTGCCCTGAGCGAATTTACC$ GGTCGTGACCATACGCATCTGGCGCTGAATAAAGAAGACGAGAAGATCCGCTTCCGCGATATTCAGGCACAGCCGCGCAA AATTATCTCCAGCCCGACCTGGTCTGGTAGAAGATGAACACGTTTCTTACAACGCCGGTTACACCAACGTTCACGAGC TGATCCCATGGCGTACGCTCTCTGGTCGTCAGCAACTGTATCAGGATCACCAGTGGATGCGTGATTTCGGTGAAAGCCTG  $\tt CTGGTTTATCGTCCGCCGATCGACACCCGTTCGGTGAAAGAAGTGATAGGCCAGAAATCCAACGGCAACCAGGAAAAAGC$ GCTCAACTTCCTGACGCCGCACCAGAAGTGGGGTATCCACTCCACCTACAGCGACAACCTGCTGATGCTGACTTTAGGTC  ${\tt GCGGTGGTCCGGTGGTTGAGTGAAGCCGATGCCAAAGATCTGGGTATCGCCGATAACGACTGGATTGAAGTCTTC}$ GGAACGTATCGTTAACCTGCCTGGTTCGGAAATTACCCAACAGCGTGGTGGTATCCATAACTCGGTCACCCGTATCACGC  $\tt CGAAACCGACGCATATGATCGGCGGCTATGCCCATCTGGCATACGGCTTTAACTACTATGGCACCGTAGGTTCTAACCGC$ GATGAGTTTGTTGTAGTGCGTAAGATGAAGAACATTGACTGGTTAGATGGCGAAGGCAATGACCAGGTACAGGAGAGCGT AAAATGAAAATTCGTTCACAAGTCGGCATGGTGCTGAATCTCGATAAGTGCATCGGCTGCCACACCTGTTCAGTTACCTG TAAAAACGTCTGGACCAGCCGTGAAGGCGTGGAATATGCGTGGTTCAACAACGTGGAAACCAAGCCGGGCCAGGGCTTCC CGACTGACTGGGAAAACCAGGAAAAATACAAAGGCGGCTGGATCCGTAAAATCAACGGCAAACTGCAGCCGCGCATGGGT AACCGTGCCATGCTGCTGGGTAAAATCTTCGCTAACCCGCATCTGCCGGGGATCGACGATTATTACGAGCCGTTCGATTT TGACTATCAGAACCTGCATACCGCGCGGGAAGGCAGCAAATCGCAGCCGATTGCCCGTCCGCGTTCGCTGATTACCGGGG AACGGATGGCGAAAATCGAAAAAGGGCCGAACTGGGAAGATGACCTGGGCGGTGAGTTTGACAAACTGGCGAAAGACAAG AACTTCGACAACATCCAGAAGGCGATGTATAGCCAGTTCGAAAACACCTTCATGATGTATTTGCCGCGCCTGTGCGAACA CTGCCTGAACCCGGCATGTGTGGCGACCTGCCCGAGCGGTGCGATTTACAAGCGTGAAGAAGATGGCATCGTCCTGATCG ACCAGGATAAATGCCGTGGCTGTGTGCATCACTGGATGCCCGTACAAAAAAATCTACTTCAACTGGAAGAGCGGT TATCCGTTATCTTGGCGTGCTGTTGTACGATGCCGACGCTATTGAACGTGCAGCCACCGAGAACGAAAGATCTTT ACCAGCGTCAGCTGGACGTGTTCCTCGATCCGAACGATCCGAAAGTCATCGAGCAGGCGATTAAAGACGGTATTCCGCTG AGCGTTATTGAAGCCGCACAGCAGTCGCCGGTTTATAAAATGGCAATGGAATGGAAACTGGCGCTGCCGCTGCATCCGGA ATATCGCACACTGCCGATGGTCTGGTACGTGCCGCCTCTGTCTCCGATTCAGTCTGCAGCAGACGCGGGTGAGCTGGGTA GCAACGGCATTCTGCCAGACGTCGAAAGCCTGCGTATTCCGGTACAGTATCTGGCGAATCTGCTGACCGCCGGTGATACC AAACCGGTACTGCGCGCACTGAAACGTATGCTGGCGATGCGTCATTACAAACGTGCTGAAACCGTTGACGGTAAAGTTGA TACCCGTGCGCTGGAAGAGGTCGGTCTGACCGAAGCCCAGGCACAGGAGATGTACCGTTATCTGGCGATTGCTAACTACG AAGATCGCTTTGTGGTGCCGAGTAGTCATCGTGAACTGGCACGGGAAGCCTTCCCGGAGAAAAATGGCTGCGGCTTTACC TTTGGTGATGCCACGGTTCAGATACCAAATTCAATCTGTTCAACAGCCGTCGTATCGATGCCATCGATGTGACCAG TCAACAAGAGATGTTTGAGGCGATTGCCGCGTCGAAAAATCTGCCAAAAGAGATGCCCATGCGCTGGGCATTTTCCTGC GCGATTTAACGACGATGGATCCGCTCGATGCCCAGGCGCAGTACAGCGAACTGTTCGACCGTGGCCGCGCCACGTCACTG TTGCTGTTTGAACATGTGCACGGCGAATCCCGCGACCGCGGCCAGGCGATGGTGGACCTGCTGGCGCAGTACGAGCAGCA AAGCCGTGGAAGGTTTGAAAGATATCGCGCCGATTCTGGCATTGCTGAGCGCGCGTCTGCAACAGCGTGAAAGCCGTTAT GCCGTGCTGTTTGATCTGCTGCTGAAACTGGCGAATACCGCTATCGACAGCGACAAAGTGGCGGAAAAAATTGCCGACGA AGCGCGCGATGATACGCCGCAGGCGCTGGATGCTGTCTGGGAAGAAGAGCAGGTTAAATTCTTTGCTGACAAAGGCTGCG GTGATTCAGCAATCACTGCGCATCAGCGTCGCTTTGCCGGTGCCGTCGCGCCGCAATATCTGAATATCACCACCGGAGGA GTCGAACCTGTTCCATATCGGGATTCTGGGGATTTTTGTCGGTCACTTCTTCGGTATGCTGACGCCGCACTGGATGTATG AAGCCTGGCTGCCGATTGAAGTGAAACAGAAAATGGCAATGTTTGCTGGTGGTGCCAGCGGCGTGCTGTCTGATTGGC GCTGCTCGTTATCCAGTGCGCCTGGGCCTGTTGACCATTCCGTTCTCCGCTCAGCATATGGACGGTAGCGAGATGATGA GGAGTATCTGACACGTAAGTACCAGCTGGTGCGCGCTCGTCACTAAGCGAATTTTAGTTCACATAGACCCTGCTTCGGCG  $\operatorname{GGGTTTTTTTATGGGCACGGTGCGGGTGAGTTGTCGGATGCGCTTATCCGACCTACAGGGGAGGATATTGTAGG$ GAAGGATTACTCAGCGCTGCGCGCTTCGCCCTTCGGGTCGTTGCCTGCGGCAACGCTCTCTCGCTGGCGCTCAAGTCGAA  $\tt CCTTGGTCGAAGCTTCTCATCCTTCCCCGCTTGGGCAGAATATTTGATTGCGGATTCGTTTGAGAATTCCGGGGCTTTTG$ GCTGACGCTCGAGCCGAACCTTAGTCGAAGCTTCTCATCCTTCCCCGCATGGGCAGAATATTTGATTGCGGATTCGCTTG  $\tt CTGCGGCAACGCTCTCTCGCTGGCGCTCGAGTCGAACCTTGGTCGAAGCTTCTCATCCTTCCCCGCATGGGCAGAATATT$ GACGGCAGATTTACAGTCTGCTCCCTTTGGCCGCTCGGGAACCCCACCAGGGGTAATTCAAATTTTGAGGTAATGCTTGA  ${\tt GATGGTGGTGGGGAAGGATTATTCGTCGCTTCGCTCCTCACCCTTCGGGCCGTTGCCTGTGGCAACGTTCTCTCGCTTT}$   ${\tt ATCGCTGTGGTGAATTATGGTGGGGGAAGGATTCGAACCTTCGAAGTCGATGACGCAGATTTACAGTCTGCTCCCT}$ TTGGCCGCTCGGGAACCCCACCACGGGGTAATGCTTTTTACTGGCCTGCTCCCTTATCGGGAAGCGGGGCGCATCATATC AAATGACGCGCCGCTGTAAAGTGTTACGTTGAGAAAAATGAACTGGTTGCGTAATTTTCATCCGTAACGGATTAAAGGTA ACCAGTTATTTTTGCTGGCGATTAAAGAATAATCGTTCGATTACCGTAAACAAAGACGCGCTGTGCCAGTACTTTGTATA GTGCACGACTTAAGACGTTTTTCTCGACGTCACGACCTGCGCGCATCATATCTTCAGCTGTGTAGGTATGATCGACATGA ATAACGTCCTGCATGATGATTGGGCCTTCGTCCAGATTGTCATTCACATAGTGAGCGGTTGCGCCAATAATCTTCACACC GGAAGCGTGCCACAAATTCCGGCGTTAATACCCGCATATACTTCGCCAGCACCACGTAGTCAGGTTGATAAGCATCAATG GCATCCGCCATCTTTTGATCGTGCTCGTTGCGGGTTAACCCTTCATGGCTTACCAGCTCAAACGGAATATCAAAACGCTC AACCAGAGAACGTAAAGTATCGTGGTTACCAATAACTGCCGCGATTTCGACATCCAGGCCGCCGTAATTGGCTTTCATCA GAGCCTTCTGGCAATGCGCTATCGAGATCCGCCAGCAGGGTGGAATCATTAAAAATCCCTTCCAGTTCCGTGCGCATAAA AAAGCGCCCGGTACGGTGATCAACAAATTCATTGTTCTGTACGATATTTAACTCGTGCTTGTAGCAAATATTGGTAATAC GTGCGATCAGACCTTTTTGGTCCGGACAATAGTACGCAGAACTTTACGTTGGAGTGAATGCATTGCTGGAAAAACCTTG TTGAGAGTGTTTGCTAAACCGTACCGTCAACCATTATTGGCCGCAGCACTTTTTAAATTTTTTACCTGAACCACAAGGGC TCAATTATTGCACCTGTTTTACCACCTTCGGTAAATCGAGCAACAAAACTGACAAATCCGATATTGTCGGCGTCCTGCCA ACAATGTTCAAATACGGTCAATCCCAACCATTCAGTATGCGCAAATCCGGCCATCAATTCGGCACGTAACGCCGCTGCTC TCTGGATCAGGTGCAACCTTTTCACCAGACACATAAGGGTGGCAACATAGGCTATACTCGACAGCACTACCACAGGGACA AAGCTGAGACACAAATAATCTCCCTGGAAACAATAACGGCGTATTAACCGCCTGAGTAGCACTATGTTAACCGAGCAGTA GCGATGTGGCTACGATTGCATTCCAGGGGAATCTTGCGGGAATAATGAGAAAGATAAAAATAGGGCTGGCGCTGGGATCT GGCGCGGCGAGAGGTTGGTCGCATATTGGCGTTATTAATGCGCTAAAAAAAGTGGGTATTGAAATTGATATCGTTGCAGG TACCGCGAAATAATGCCGGAAACAGAGATCGAAAATTGTTCCCGTCGCTTTGCGGCTGTTGCCACCAATTTAAGTACGGG AAATAGCGAGAATGGTGATTCTCTGCCGTGGCATGCGCGTCTGAAAGAAGGTTAGGCAGCATAACGACACGTCGGGCGG TGACAGCGCCAACGGCAACAGAGATTATGACCACTTCTATCCAGGTGCTGGAGAACCGCCTTAAAAGGAACCGCATGGCA GGTGATCCGCCCGATATTCTGATTCAACCTGTTTGCCCGCAAATATCTACGCTTGATTTCCATCGCGCGCACGCTGCCAT TGCGGCCGGACAGCTGGCAGTGGAAAGGAAAATGGACGAACTTTTGCCGTTGGTACGCACCAACATTTGACCAGAATTTT TATCTACACTTAAGTTAATTCTGACAGGCGCAGGTGGCAATAGCATGCCACTATTGAGTAAAGCCAGTCAGGGGAGAGAA  $\mathtt{CTGATGATATGTGATATCGCGATGCCACGAATGAACGGGCTTAAACTGCTGGAGCATATACGTAACAGAGGCGACCAGAC$ TGAAACCAGTTAAAGATCTGAATCGCTTGCGCGAGATGGTTTTTGCCTGTCTCTATCCCAGCATGTTTAATTCGCGCGTT GAGGAAGAGGAAAGGCTTTTTCGCGACTGGGATGCAATGGTTGATAACCCTGCCGCAGCGGCGAAATTATTACAGGAACT ACAACCGCCGGTTCAGCAGGTGATTTCCCATTGCCGGGTTAATTATCGTCAATTGGTTGCCGCGGACAAACCCGGCCTGG TGCTTGATATTGCCGCACTTTCGGAAAACGATCTGGCATTTTATTGCCTTGATGTCACCCGAGCTGGACATAATGGCGTA GTTGGCCGCGTTATTGAAGCAGGTAAACCATTTACTTCGTCAGGCCAATCTGCCGGGGCAGTTTCCGCTATTAGTTGGCT ATTATCATCGCGAACTGAAAAATCTCATTCTGGTTTCTGCGGGTCTGAATGCGACGTTAAATACCGGCGAACACCAGGTG ATGCCAAATATGGGGAACCGGTGGTCGACTGCGCTTGATGTTGTCTGCAGAATGAGCAAACGATAACGCGGGCTAAATTT GCATTACCTGCTAATGTCGGCTGGTGGTACTATCGTCGCCATTCGTATAAGTAATTGTCTTAATTATGCTAACTCGCCTC CTTTTCAGAACTTAGCCCCTTCGGGGTGCTGATATACTGGGATGCGATACAGAAATATGAACACGTTCAAAACACGAACA GTCCAGGAGAATTTAAATGGCTGCCATTAATACGAAAGTCAAAAAAAGCCGTTATCCCCGTTGCGGGATTAGGAACCAGGA TGTATTGCGGCTGGCATTACTGAAATTGTGCTGGTTACACACTCATCTAAAAACTCTATTGAAAACCACTTTGATACCAG TTTTGAACTGGAAGCAATGCTGGAAAAACGTGTAAAACGTCAACTGCTTGATGAAGTGCAGTCTATTTGTCCACCGCACG TGACTATTATGCAAGTTCGTCAGGGTCTGGCGAAAGGCCTGGGACACGCGGTATTGTGTGCTCACCCGGTAGTGGGTGAT GAACCGGTAGCTGTTATTTTGCCTGATGTTATTCTGGATGAATATGAATCCGATTTGTCACAGGATAACCTGGCAGAGAT GATCCGCCGCTTTGATGATAACGGGTCATAGCCAGATCATGGTTGAACCGGTTGCTGATGTGACCGCATATGGCGTTGTGG TGGTGATGAAATTCAGCTCACCGACGCAATTGATATGCTGATCGAAAAAGAAACGGTGGAAGCCTATCATATGAAAGGGA AGAGCCATGACTGCGGTAATAAATTAGGTTACATGCAGGCCTTCGTTGAATACGGTATTCGTCATAACACCCTTGGCACG GAATTTAAAGCCTGGCTTGAAGAAGAGATGGGCATTAAGAAGTAACATCCGTATCGGTGTTATCCACGAAACGGCGTTGA GCAATCGACGCCGTTTTTTTATAGCTTATTCTTATAAATTGTCTTAAACCGGACAATAAAAAATCCCGCCGCTGGCGGG ATTTTAAGCAAGTGCAATCTACAAAAGATTATTGCTTGATCAGGAAATCGTCGAGGGATTTACCTTGCTCATCCATTGCT TTTTTGATTACAGCTGGAGTACGGCCTTGGCCAGTCCAGGTTTTAGTTTCGCCGTTTTCGTCAACGTAGCTATATTTTGCCGACGTTCGTTAACAACAACTTCTAATTTTTCCAGCATTTCTTCCAGCGTTTCAAGTGTACATTCTCTTGCCTGCGCACG  ${\tt AAGAGTACGGATGTTCAGAATTTTAAGTGCTTCGCTCATTGTAGTAATCTCAAACTTATATTGGGGTGGTTTGTTGA}$ GGTAATAATAGAGCCTTAAATTCAGTTGTGCAATAGCCAGGAATGTAAGGAATTCAAAATTGTTCTTTATTTTGTGCCGC CAATAAATATCTTTTCATAAAATTAGCCAGAAAAGACGCGGCATATAGCCCTATTTACACCGATGATTTCGCAGCACGTG AGGTTAAAACTTCCTGATTCATGTCACATTTTATGGGGAGATTATCGTAGGCTGACGACCTTTCAGTCTTCTGTATTAGT TGTGTTTACGAGAATTCCCTATTAAGCGAATGATGAAAAGTAGAACAGTCGCAATAAGAGCATGGACTTAGTATTGCACT ATCTCCTGGAGGTCAACAGAGGGCTATTACTTGCGCAACAGGTTAAAGATTGTGAATAGTTACCAGCAGTCATTTACCCG  $\tt CTTATAACAAGCGAGGCAGTTGTAATGATAGCTCAGAAGGATTATGCAAGGCTTCGTAAGGGAGAACGCATATACCCACT$ TCTGTGCATACTGTTGAGCTGAAAAACTGACGAATTATGATAAACTCCAGCCAACTTTATTTCATATCATTGAGGGCCTG TTACCAGGAACGCGGCATGCGCACTGTCGTATATACGGCAGAAATTGATGATCGCTTTGGTGCCGGGAAAGTCAGTTCGC GTATAGGTTTGTCATCGCCTGCAAAATTATTTAACCAAAATTCATCATTATTTGATGAGATTCGTGCGGAACATGAACAG CAGGCAATTCATTGCGTACTGGTTGATGAATGCCAGTTTTTAACCAGACAACAAGTATATGAATTATCGGAGGTTGTCGA  $\tt CAAGCAGGCAGACCTTATAACGAAGGTGAGCAGGTGGTAATTGGTGGTAATGAACGATACGTTTCTGTATGCCGTAAACA$  $\tt CTATAAAGAGGCGTTACAAGTCGACTCATTAACGGCTATTCAGGAAAGGCATCGCCACGATTAATAAGAATTTCTTTACT$ GACAGGGTGAGCAGGCCACTTTTATCCTGTCAGTTCGTTTTACGCACTTCTTCCGGGCTATATACCCTTCTCGGCAGTTT TTTAACGCCGCTATACGCCTCACAGGGCTCTTAAGCACCGACGTTGACTTGTGACCTGTAAAGTACAATATCCCTGTGTT TAGGCGTTATACATCGTCGCAAATATGATGAAGGCTAATGCTGTCGGTTTATGGAAAAGTTGCTTTGGGTAAACAAAAA TACGGCCCCAGAAGGGCAATGCCGTTCACTTAAGAGGAGCGGCACTATGTTTCACAGGATAACGGGTTTTTGATATCTTA  ${\tt ACCGACCTCGGCCTTGATGGTCGGGGGCGTTTTGTTATGAACACCACTTCCAGAGCACCCCGAAGATGCTCCAGTCGTTT}$ GGCGGTTACAACCCTTCTGGTTCAGCGTCAGCAGCAGCTCTTCGCTGTAAAAAAGTTTATCAAACAACGTAATAGAGTTA  ${\tt TCCGGGATGGTGGCGAGCATGGAGTGGGCCAGCACAGTTTCGCTCTGCCGGTAAGGTGCGGTCACGGCATTCAGCAGAAT}$ GTGACTTCCCAGGTTCATTAAGGCCACCAGACGCATAACCGGGTAGGCGTTCTGCCGCTTAGTGGATGTGTTGGCAGACC CATAATATTCACGCAGCTCGGGTTTATCAGGTGTCCTGAACTGTGCGCCATCAATGGCAAAAAGTTGCAGGCCGTGCCAG 

AACATCGGTAATTGGCTCATTGCACCACCATCCAGATAACCATGTCCCCCGGTAAACGACGGCGGCGAACGGTCGCATGA GCAGAAAGCGTCAGGCAGTGTTGTATCCACTCGGTGGGAAGGTGTTCTGCAAATAGTTGTGCAGAGGGCGGAGGCATAAG  ${\tt CGGATGGTCACTGAAATCGAGCAGATCATTGAGAAGTGGCATAAGAAAACGGCTCCCTGTTGTGGAAGCCGTTATAGTGC}$ ATAATCACGACCGTAGTAGGTATCCAGCAGAATCTGTTTCAGCTCGGAGATCAGCGGGGTAACGCGGGTTAGCGCCGGTGC ACTGGTCATCGAATGCATCTTCAGACAGTTTATCCACGTTCGCCAGGAAGTCTGCTTCCTGAACGCCAGCTTCACGGATA GATTTCGGAATACCCAGTTCAGCTTTCAGCGTTTCCAGCCATGCCAGCAGTTTCTCGATCTTAGCAGCAGTACGGTCGCC TCTGCTTGGTCGGGTTGTCGCATTGTAGCGAATAACGTTACAAATCAGCAGGGCGTTTGCCAGACCGTGCGGAATA TGGAACTGGGAACCCAGTTTGTGCGCCATTGAGTGACATACACCCAGGAAGGCGTTCGCAAACGCGATACCCGCGATAGT GTTTCAGTGCCTGCAGAGCCTGACCATCAGAGAACTCAGATGCCAGTACAGAAACATAAGCTTCCATGGCGTGAGTTACT GCGTCCAGACCACCGAAAGCACACAGGGACTTCGGCATGTCCATAACCAGGTTGGCCGTCGACAATCGCCATATCCGGAGT TACCAGAAGTGGTGGTGACAGCGATCATTTTCGCTTTCACGCCCATTTTCGGGAACTTGTAGATACGTTTACGGATATCC ATAAAGCGCAGCGCCAGCTCTTCGAAGTGAGTTTCCGGATGTTCGTACATAACCCACATGATCTTCGCGGCGTCCATCGG TCGGGTCCGCTTCTACTTCGAAGAAGACTTCAGTTTCAACGCCTGCTGCTTTCAGTACGGAAGTGATCTGATCAGCATAA  $\tt CCATTGTTGAACAGGAAGCGGTCAGTCACGATGAGCGCACGTTTGTGGCCATCAGTAATCACTTCATCCAGCGCGATTGG$  ${\tt CAGGGAGCCACGGCGGAAGTAGATAGATTTCGGAAGTTTGTGCCACAACATGTTTTCAGCTCGCTTAGCAACGGTTTTCT}$ TGTTGATCAGGTGTTTCGGACCAACGTTTTCAGAGATGGAGTTACCACCCCAAGAACCCACACCCAGAGTCAGGGAAGGT GCGAGTTTGAAGTTATACAGGTCACCGATACCACCCTGAGACGCTGGGGTGTTAATCAGGATACGCGCCGTTTTCATTTT CTGACCGAAGTAAGAAACGCGAGCCGGTTGGTTATCCTGGTCAGTGTACAGGCAAGAGGTATGACCGATACCGCCCATAG TGTGCGAACGGTTCGCTTTCATCAACACGGTCACTTCACCGATCAGAATCTTGGTGTTTTCTGGTACAGAAAGCCTGC CTTTCAGCTCTTTACCCTGCAACAGATAGCCGCCGTGGGTTGCAAAACGTTCACGTACAGCGTCATAAACAGAGTCAACA A CAACAGACTGTTCAGAAGCACAGATTACGCCGTTGTCGAAGGTTTTGGACATCAGTACAGATGCAACTGCACGTTTGATATCAGCAGTTTCATCGATAACAACTGGAGTGTTTGCCCGCGCCTACACCGATAGCTGGTTTACCGGAGCTGTATGCGG GAAGGTTGATCGATCCAGCCGATCAGATCTTTCGGAGCACCGGCAGCGATAGCAGCCTGCAGAACGATATCAGCCGCTTT GTTGGTGGCATCTTTTGCACGCGGGTGCGGGGAGAAGATAATGGCGTTACGGGTCTTCAGACTGATCAGCGATTTGAAGA TAGCAGTTGAAGTCGGGTTAGTGGTCGGAACGATACCGCAAATAATACCGATTGGTTCAGCGATAGTGATGGTACCAAAA  $\tt GTGTCGTCTTCAGACAGAACACCACAGGTTTTTTCATCTTTATAGGCGTTGTAGATATTCAGAAGCAAAGTGGTTTTT$ GATCACTTTATCTTCGACGATACCCATGCCGGATTCGGCAACGGCCATTTTCGCGAGTGGGATTCGAGCATCTGCAGCAG TCTACGAGTGCGTTAAGTTCAGCGACATTAGTAACAGCCATAATGCTCTCCTGATAATGTTAAACTTTTTTAGTAAATCA TCTGCTCGAATACGAGAGTATAGTCAGTGCGGTGATGATTTGCTTAACCTATGAAAATCAAAAGCTTACTCGCGCTCACA CTCACTGTGATTTACTAAAAGAGTTTAAACATTAGAGTTATTATCTCTAATGCGTCACTTCCAGGTGGCGTAAGCAAGAT TACTCACTTCTGGGTACTGATTACGTGATCCAAATCAAATTTTTTGCAAAGCTGACACCTTTCAGCATCGCTTTTCGCCAT TATAGCTAACAGTTAATAAATTGTAGTATGATTTGGTGGCTACATTAGCATGTTTTGCACAACTAGATAACAATAACGAA TGATAGCAATTTTAAGTAGTTAGGAGGTGAAAAATGCTGTCAAAAGGCGTATTGTCAGCGCGCTCTTTTCAACCTTATTTA TCATCGGGTTATTTGCGCTGGTCAACCCGGTAGGGATTATTCCCGTCTTTATCAGCATGACCAGTTATCAGACAGCGGCA GCGCGAAACAAACTAACCTTACAGCCAACCTGTCTGTGGCCATTATCTTGTGGATCTCGCTTTTTCTCGGCGACACGAT TCTACAACTTTTTGGTATATCAATTGATTCGTTCCGTATCGCCGGGGGTATCCTGGTGGTGACAATAGCGATGTCGATGA TCAGCGGCAAGCTTGGCGAGGATAAACAGAACAAGCAAGAAAAATCAGAAACCGCGGTACGTGAAAGCATTGGTGTGGTG

 $\tt CTATCTGTTTGGTTTCTTTGTGGCTATTGCATTGTTCGCTTTATGTTGTTGGGGATTGTTCCGCATGGCACCGTGGCTGG$  ${\tt TACGGGTTTTACGCCAGACCGGCATCAACGTGATTACGCGTATTATGGGGCTATTGCTGATGGCATTGGGGATTGAATTT}$ TTACTTCGTCATTATTTTTACTTTGTTCCCGCGCAGTTATCAAAAGCAAAAGGAATAGGTAAAAATATTCTTCTCAAATT  ${\tt ACAGTTAGTTATAAGGATTTCCTTAACTGCTTCTCCTCACCATCATGTTATTTTCGCCACATCATAATCCTGGGCTTGCT}$ ATATGAGATCATGTTTGTCATCTGGAGCCATAGAACAGGGTTCATCATGAGTCATCAACTTACCTTCGCCGACAGTGAAT TCAGCAGTAAGCGCCGTCAGACCAGAAAAGAGATTTTCTTGTCCCGCATGGAGCAGATTCTGCCATGGCAAAACATGGTG GAAGTCATCGAGCCGTTTTACCCCAAGGCTGGTAATGGCCGGCGACCTTATCCGCTGGAAACCATGCTACGCATTCACTG  $\tt CATGCAGCATTGGTACAACCTGAGCGATGGCGCGATGGAAGATGCTCTGTACGAAATCGCCTCCATGCGTCTGTTTGCCC$ GGTTATCCCTGGATAGCGCCTTGCCGGACCGCACCATCATGAATTTCCGCCACCTGCTGGAGCAGCATCAACTGGCC CGCCAATTGTTCAAGACCATCAATCGCTGGCTGGCCGAAGCAGGCGTCATGATGACTCAAGGCACCTTGGTCGATGCCAC AACGAGCATGACCTCAATCAGCTGGGTAATCTGCTGCATGGAGAGGAGCAATTTGTCTCAGCCGATGCCGGCTACCAAGG TTTCGCATCAAGCGACAGTTCGGCTTCGTGAAAGCCAGATACAAGGGGTTGCTGAAAAACGATAACCAACTGGCGAT GTTATTCACGCTGGCCAACCTGTTTCGGGCGGACCAAATGATACGTCAGTGGGAGAGATCTCACTAAAAACTGGGGATAA CGCCTTAAATGGCGAAGAACGGTCTAAATAGGCTGATTCAAGGCATTTACGGGAGAAAAAATCGGCTCAAACATGAAGA AATGAAATGACTGAGTCAGCCGAGAAGAATTTCCCCGCTTATTCGCACCTTCCCTAAATAATAATCAATTGTTAAATTAT TTGTTAAGGCATGGATGCAAGCTATAGATTCTGATACGGTCAATAAAAGAGAATTGCTTAACAATTTTGCAAAATGTATT GGCGAGTAAGAACCGCATTTGGTACTTTCCGGGCAACCGCCAGACGATTCTTTATTGGTAATGAGAATAATTAACAATTA  ${\tt AAGAGCGTCGCGAAAGAATAATGTGTCTCGACAGGGGAGACACAGTACGAATCGACATAAGGTGATCGTCTGAATCACCA}$ GAATAAATAAAGTCGGTGATAGTAATACGTAACGATAAAGTAACCTGACAGCAGAAAGTCTCCGAGCCTGTGCAGGGTCC CAATCCGGGATTACACATGCTGGTTAATACCAGTAATTATAATGAGGGAGTCCAAAAAACAATGACCAACATCACCAAGA GAAGTTTAGTAGCAGCTGGCGTTCTGGCTGCGCTAATGGCAGGGAATGTCGCGCTGGCAGCTGATGTACCCGCAGGCGTC  ${\tt ACACTGGCGGAAAAACAACACTGGTACGTAACAATGGTTCAGAAGTTCAGTCATTAGATCCGCACAAAATTGAAGGTGT}$ GTCACAGCACAAGACTTTGTGTATAGCTGGCAACGTTCTGTTGATCCGAACACTGCTTCTCCGTATGCCAGTTATCTGCA ATATGGGCATATCGCCGGTATTGATGAAATTCTTGAAGGGAAAAAACCGATTACCGATCTCGGCGTGAAAGCTATTGATG ATCACACATTAGAAGTCACCTTAAGTGAACCCGTTCCGTACTTCTATAAATTACTTGTTCACCCATCAACTTCACCGGTG CCAAAAGCCGCTATCGAGAAATTCGGCGAAAAATGGACCCAGCCTGGTAATATCGTCACCAACGGTGCCTATACCTTAAA AGATTGGGTCGTAAACGAACGAATCGTTCTTGAACGCAGCCCGACCTACTGGAACAACGCGAAAACCGTTATTAACCAGG  ${\sf TAACCTATTTGCCTATTGCTTCTGAAGTTACCGATGTCAACCGCTACCGTAGTGGTGAAATCGACATGACGAATAACAGC}$ ATGCCGATCGAATTGTTCCAGAAGCTGAAAAAAGAGATCCCGGACGAAGTTCACGTTGATCCATACCTGTGCACTTACTA TTACGAAATTAACAACCAGAAACCGCCATTCAACGATGTGCGTGTGCGTACCGCACTGAAACTAGGTATGGACCGCGATA TCATTGTTAATAAAGTGAAAGCGCAGGGCAACATGCCCGCCTATGGTTACACTCCACCGTATACTGATGGCGCAAAATTG CGCAGACAACCGTTGACCATCAACCTGTTGTATAACACCTCCGATCTGCATAAAAAGCTGGCGATTGCTGCCTCTTCAT TGTGGAAGAAAACATTGGTGTAAACGTCAAACTGGTTAACCAGGAGTGGAAAACGTTCCTCGACACCCGTCACCAGGGT AGCGCACAGCTCTGTACACTAAAGCAGAACAACAGCTGGATAAGGATTCGGCCATTGTTCCTGTTTATTACTACGTGAAT  $\tt GCGCGTCTGGTGAAACCGTGGGTTGGTGGCTATACCGGCAAAGATCCGCTGGATAATACCTATACCCGGAATATGTACAT$  TGTGAAGCACTAATGGCAATACGTGGGGCAGGAGTGTCCTGCTCCACGGTGTCTGATTTTTATCGCATTACAGAAGGCAC TATTTCGTTCTTTATGATGCGCCTCGCGCCGGGAAGCCCTTTTACCGGCGAACGTACTTTACCGCCAGAAGTGATGGCCA ATATCGAAGCGAAATATCATCTTAATGATCCGATCATGACACAGTATTTCAGCTACCTGAAACAACTGGCGCACGGTGAT TTCGGTCCATCGTTTAAATATAAAGATTATTCGGTCAATGACTTGGTTGCATCCAGTTTTCCCGTTTCTGCCAAACTGGG AGCCGCAGCATTTTTCCTTGCGGTAATACTGGGTGTTAGTGCTGGCGTTATTGCCGCATTAAAACAAAACACAAATGGG A CTATACCGTGATGGGGCTGGCAATGACCGGGGTTGTTATCCCCAGTTTTGTGGTTGCACCATTATTAGTCATGATATTTGCGATCATTTTGCATTGGCTGCCGGGCGGTGGCTGGAATGGTGGGGGCGCTTAAATTCATGATATTGCCGATGGTGGCGTT GTCACTCGCTTATATCGCCAGTATTGCGCGTATTACCCGTGGCTCTATGATTGAAGTATTACACTCCAATTTTATTCGTA  $\tt CTGCCCGGGCGAAAGGGTTACCTATGCGGCGGATCATTTTACGTCACGCATTAAAACCTGCTCTGTTACCCGTGCTCTCT$ TATATGGGCCCCGCATTTGTCGGCATTATTACCGGTTCTATGGTTATCGAAACCATTTATGGTTTGCCGGGGATTGGACA TGTTTAATGCCATTGTCGATGTGCTATATGCGGTTATCGACCCGAAAATCCGTTACTGATACTGGAGCTCGCGATGATGT TAAGTAAGAAAACAGCGAGACGCTGGAAAATTTCAGTGAAAAGCTGGAGGTCGAAGGGCGCAGCTTGTGGCAGGACGCA  ${\tt ACCGATGCTTTCCCAGTTTGCCTATGACGATACTGACTGGCGCGATGATGTCCAGCGCCCCGGATATGGAGTCCGGTCACT}$  ${\tt AATGATGCGTCTGCTGGAAATCCTCAACTCCTTCCCATTCATGTTCTTCGTCATTTTTGCTGGTGACCTTTTTCGGTCAAA}$  $\tt CTGAAGCGCAAAGAGTTTATTGAGGCGGCACAAGTTGGCGGTGTATCGACATCGGGCATTGTTATTCGCCACATTGTTATTCGCCACATTGTGCCACATTGTGCCACATTGTGCCACATTGTGCCACATTGTGCACATTGTGCACATTGTGCACATTGTGCCACATTGTGCACATTGTGCCACATTGTGCCACATTGTGCCACATTGTGCACATTGTGCACATTGTGCACATTGTGCCACATTGTTATTCGCCACATTGTTATTCGCCACATTGTTATTCGCCACATTGTTATTCGCCACATTGTTATTCGCCACATTGTTATTCGCCACATTGTTATTGTCACATTGTGCCACATTGTTATTGTGCCACATTGTTATTGTCACATTGTGCACATTGTTATTGTATT$ GAATGTACTCGGTGTGGTGGTCGTCACGCATCACTTCTGGTGCCCAGCATGATCCTCTTTGAATCTTTCCTTAGCTTCC  ${\tt TGGGGTTGGGTACGCAAGAGCCGTTAAGCAGCTGGGGTGCATTGCTGAGTGATGGCGCGAACTCGATGGAAGTCTCTCCA}$ TGGTTATTGTTCCCAGCGGGATTCCTCGTGGTGACGCTGTTTTTGTTTCAACTTTATCGGCGATGGCTTGCGTGATGC  $\tt CCTCGACCCGAAAGATCGTTAAGGAGTGCAGCCATGAGCGTAATTGAAACTGCAACTGTGCCGCTCGCACAACAACAGGC$ TGACGCACTGCTGAACGTGAAAGATTTGCGTGTCACCTTTAGTACCCCGGACGCCGACGTCACGGCGGTCAATGATTTGA ATTTTTCCCTACGTGCCGGAGAACGCTGGGTATTGTAGGTGAGTCTGGTTCGGGTAAATCGCAAACTGCATTTGCGTTG TGAACTCAATAAACTGCGCGCTGAACAAATCTCAATGATTTTTCAGGACCCAATGACTTCGTTGAATCCCTATATGCGCG TCGGTGAGCAGTTGATGGAAGTGCTGATGCTGCATAAGAACATGAGCAAAGCTGAGGCGTTTGAAGAGTCGGTGCGGATG  $\tt CTCGATGCGGTAAAAATGCCGGAAGCGCGTAAACGCATGAAAATGTACCCGCACGAATTTTCTGGCGGCATGCGTCAGCG$ AGTCATGATTGCGATGGCCTTGTTATGTCGACCTAAGCTGCTGATTGCGGATGAACCAACAACTGCGCTGGACGTCACCG TACAGGCGCAGATCATGACGCTATTAAATGAACTGAAGCGGGAATTTAATACCGCCATCATTATGATCACCCACGATCTT TGACCATCCCGGGTAATCCGCCAAACCTGCTGCGATTACCGAAAGGTTGCCCGTTCCAGCCACGTTGTCCGCATGCGATG GAAATTTGTAGTAGCGCACCGCCGCTGGAAGAGTTTACGCCTGGCCGTCTGCGTGCTTTAAACCGGTGGAGGAACT GTTATGAATGCTGTAACTGAAGGAAGAAAGTCCTCCTTGAAATCGCCGATCTTAAAGTGCACTTTGAAATCAAAGATGG CAAACAGTGGTTCTGGCAACCGCCGAAAACGCTCAAAGCCGTCGATGGTGTCACTCTTCGCCTGTATGAAGGGGAAACAT  $\tt CATGTTGCCTGGTTAGGTAAAGAGTTGCTGGGCATGAAACCCGATGAATGGCGTGCCGTTCGCAGTGATATTCAGATGAT$ TTTCCAGGATCCGTTGGCATCGCTAAACCCGCGTATGACCATCGGCGAGATCATCGCTGAACCACTGCGTACTTATCATC CGAAAATGTCACGCCAGGAAGTTCGCGAGCGCGTGAAGGCGATGATGCTGAAAGTCGGGTTATTGCCTAACCTGATTAAC TATCTGTGATGAGCCGGTGTCGGCGCTGGACGTGTCAATTCAGGCACAGGTGGTCAACCTGCTCCAGCAATTGCAACGTG AGATGGGATTGTCATTAATTTTTATCGCTCATGACCTGGCCGTGGTAAAACACATTTCCGATCGTGTGTTGGTGATGTAT  $\tt CTCGGCCATGCGGTAGAACTGGGGGACCTATGATGAGGTCTACCACAATCCACTACATCCTTACACCAGGGCATTGATGTC$ GGCAGTCCCCATACCTGATCCGGATCTGGAGAAGAACAAAACCATCCAGTTACTGGAAGGGGAATTACCGTCGCCGATCA ACCCGCCTTCCGGTTGTGTTTTCCGTACCCGTTGCCCGATTGCCGGTCCAGAGTGCGCCAAAACACGTCCTGTTCTGGAG GGGAGTTTCAGACACTCCGTTTCTTGCCTGAAAGTCGATCCGCTTTAAAAACAATAAGGGCTGACAGTTGTCAGCCCTTT TTCACGCTAAAAGCGATTATTTATTCCCGCCAGATGATATGGCAAAGTTTGTGATCTTTTTCGCGGCATAACAGAATGCG GGCAAAAACATCGTTGATTTCACCATCTTCACTGTCCGCCAGACCAATCACCACTTCGGCAAAAAAAGTCCGGGTTCAAAT AGCAGAACATCAGCTGGATCGAGATTGTCGGCAGCCAGTTCGAGAAAAATATCGTAGGCCTGTTCAAGCGTTTCATCTTC AGTCAGGCGATTGTTTAGATCCATATCCATAGTTACTACCTGTTTAACCTCTGTTGGCGACGTTTTACAGCAACGGACTG AAGAAGTAAAACAGTCGCTCGGCGACACGTTGCCATAATGGACGTTTTAGCCATAAACGGGCATCGAGCAGACGTGAACG  $\tt CGAAATATAATCGTCCTGAACGGCGGGGGGTCAGCACCAAAACCTTTATCGTCGATTGCCAGGGTAATCTCGAAATTTA$ GCCACAGACTACGCATATCAAGGTTAACTGTGCCAACCAGACTTAGTTCGCCATCGACCAGCACGCTCTTGGTATGCAGT AACCCGCCTTCAAACTGATAAATTTTAACCCCAGCAGCAGCAGTTCCGTAAAGAATGCGCGACTGGCCCAGCCGACCAG CATCGAGTCATTTTTTCGCGGAAGGATAATACTGACATCCACCCCGCGCTGCGCCCGTGCAAATCGCATGAAGTAAAT CATCGCTTGGCACAAAGTAGGGCGTGGTCATGATCAAATATTCACGCGCCGAATAAGCCGCAGTCAATAATGCCTGGTGA ATGAGATCTTCCGGAAAGCCGGGGCCAGAAGCAATTGTGTGAATGGTGTGACCGCTGGCCTGTTCAAACGGCATAATATT ATATTCATGCTGCCGGTGTACGCGATGTAATTATCGATCATGATCATCTTGCGATGTTGGCGCAGGTCCATACGGCGTAA AAACACACGCATCAGATTGACCTTTAAGGCTTCGACCACTTCAATACCGGCATTACGCATTAGCTCGGGCCACGGGCTGC GCCACCTGGTCCGCCATGCCGCCGGGCTGCCAGATATAAAACACCATCTCAATATTATGGCGCGCGAGCTGGATGTCGCG GATTAACGCCTGCATCACATCATCTGACTCGGTCATCAGTTGTAGCTGATTCCCTTTGACCCCAGCGATCCCCTGACGAC GCTCGCAAAGCTTGAATAATGGCGCAGCGACACTGCTATTTTCTTCGGCGAAGATATGCTTACAGGCTTTAAGGTCGTTA ATAGGCAATAATTCCGACTAACGGCAGAATGTAAATAATCAACAGCCAGGCCATCGCGGAGGGAACTGCGCGTCGTTTCA GTCATAGATTAGAAATCCTTTTGAAAGCGCATTGTTATGAGTTTACGCATATGGATTCATCTGGCAAATAAAAACGCGGG AAAAGCACTGGTCAGCGTCGGGGGTGGGGGTATAATGACCATTCTGTTATTGCATAGAGTAGTTAACATGAAGCGGAGTA GAACGGAAGTGGGGCGCTGGCGCATGCAGCGTCAGCCTAGCCGACGTAAATCGCGTTGGCTTGAGGGGCAATCGCGCCGA AATATGCGTATCCACAGCATCAGGAAGTGCATTCTAAACAACAGCGTAACTCGTTATTGTTTGCGATCTACAATATCTA AATGTACTGGGCACCATTGCGGTGCCCAATAAGTTTACTCTTCCGTCTTTAAACTCTATTTTTGCGCCGATTCTTTACTG TCAGCTTTCGTTTCTAGTTCATCGTTATCGCTGAAAATACCATGACCTGAGTTCAACAACATTGAAACGAGCATATCATT ATTAATCTCTTCACCATTTAAAACTCGCGCCAGAATTTCGCTGCCAAACAGTTGCGGTGAGAGAATATCCGGATGTA TACAGAACTGTCATTACTGTCACCGGGGATAACATCAGCATTATCGCCTAAGCGTTGCTCAAGTTGCTTGATATCATCTT  $\tt CCGCAAACAATAAAATGATCTTTACGATGCATTGTATGATTGTTTCCTTTTACAAGTTTGTTGAATCCCCCGCGGATAAG$ ATTCAGAAACAGGGACAATATCGCCATAGCCGACGGTTGACATGGTTTCTATCGAAAAATAGAACGCGGTCATCAAACTT TCTATTCGCGGATTAAAACCTTCGCTTAAATAAAGCGCACCGTAGGTTGAGTAAAACAGTAATGTCGTGAAACTAATAAA TGCAAAAATTGTCCCGGCTGCGGCGCTACTGTGGGAGAAGTCTTTGCGCAGTATCAGCAAAAACACCAGCGTAAAAATGC AAAATCCAATACTAAATTTCAGCCAGGGATAAAAATGCAGGGTGTAAATTAGCGCTATCAACAACAACAAATGATACTGATT  $\tt GCCCATGCGAGCTTTGCCCGGAACAGTAAGCCAATGGAGTTCAGGACAAGAAGACGCCGAGCATAAAGAGTGGGGCGTT$ TGCCAGCAAGGAGATCCAACTCTGAAAATGCTTTGATATGGAAAATATCAAGCAAATTGACCGACATACCATAGATTG TTTTAAAAATAAGCAATCCATTTAAAAAGACGGCCAGCGCGAGAATGTCGTGCCGAAGGGTCACCCATAAATTTGTTGCT GTTTGTTTGAATGTAGCCCAGTGACTCACTGATACCTCTGTAACCACAATTTTGTTTAATTATCTTAGCGTGCACATTTT AACTGTACCTCAGGAAAGGTCATTTTTCCTGAATATGCTCACATCATATAAAGAAATACAGATAAAGTTATTATCTGCTT GTGGTGGTGAATGCACTGACCGGCTATAAGGAAAGGCCAAACAAGAACACGGTTGCAAAAAACCGTGCCCTTAAATATTGA GGCCCAGGCCTGAGCTGCTTCCAGCGATTCAAATTCAGCAATAACGGTTGAGCCAGTAAATCCCGCAGCCCCTGGATCGT TACTGTCTACCGCTGGCATTGGACCAGCTGTCAACAAACGACCTTCATCATGCAGTAACTGTAAACGTGCTAAATGTGCC GGACGAACGGAAAGGCGTTTTTCGAGGCTATCAGCTTTGTCTTGAGCGTAAATAACATACAACACGGGCACAACTCCTTG TTCGGGAAAGTTGTAAAGTACGTTATTTGAAAGGGCGAAGATCTGCAACGGAAAGATGTCTTTGTTAAGGCCATGCA TAAAGTAAGGGTAATTACGCCAAAAATGACATTTTCACTGATCCTGATCGTCTTGCCTTATTGAATATGATTGCTATTTG CATTTAAAATCGAGACCTGGTTTTTCTACTGAAATGATTATGACTTCAATGACCCTTGATTTACCTCGCCGCTTCCCCTG  ${\tt GCCGACGTTACTTTCGGTCTGCATTCATGGTGCTGTTGTGGCGGGTCTGCTCTATACCTCGGTACATCAGGTTATTGAAC}$ TACCTGCGCCTGCGCAGCCGATTTCTGTCACGATGGTTACGCCTGCTGATCTCGAACCGCCACAAGCCGTTCAGCCGCCA  $\tt CCGGAGCCGGTGGTAGAGCCAGAACCGGAACCTGAGCCGATCCCCGAACCGCCAAAAGAAGCACCGGTGGTCATTGAAAA$ GCCGAAGCCGAAACCTAAGCCAAAACCGAAGCCGGTGAAAAAGGTACAGGAGCAGCCAAAACGCGATGTCAAACCCGTAG AGTCGCGTCCGCCATCACCGTTTGAAAATACGGCACCGGCACGCCTGACATCAAGTACAGCAACGGCTGCAACCAGCAAG  ${\tt CCGGTTACCAGTGTGGCTTCAGGACCACGCGCATTAAGCCGTAATCAGCCGCAGTATCCGGCACGAGCACAGGCATTGCG}$ GTGGTGAATATCCTGTTTAAAATTAACGGCACCACCGAAATTCAGTAAGCAGAAAGTCAAAAGCCTCCGACCGGAGGCTT  ${\tt TTGACTATTACTCAACAGGTAAGGCGCGAGGTTTTCCTTCAGGATCAACCGCGACATACTTAAATAATGCTTCTGTCGCT$ TTATAGCGTTGCCCAATTGGTTCAGACGCTACTTTTTCACCCACACTTCAATATTAATGCTGACCGATGTCGTCCCTTT ATGTCACCATTGGCATTGGTATCGGCGGGCATGGCTAAAGTACGTAAAACAAGATCGCCCTGAGGGACGTTATGTGTTGT AGACATGGTAAAACCGACTTAAAAGGAAAATCACAGGCGCGATGCTACTATGATTTTCCTGAGGAGAACAGAGGAGATAC AGCGCCAGCCCGAAGGACTGGCAGTCTGGTTAGGATTTATCTTCCTGCGGCATGTGGCGGTAGATATAGATACCGCTTA ACAATGTGAAGATTAAGGTAAGGGCGGTCAGGCCAAAGACTTTAAAGTTGACCCAAATATTTTGCGGCAGCCAGAATGCG ATGTAGATGTTTGCCAGACCGCAAAGGATAAAGAAAACAGCCCAGGCCAGATTCAGCTTCGACCATACCGGTTGCGGCAG  $\tt CGTGAGTTCTTTACCCAGCATCCGCTGAATTAGCGGCTTTTTCATCACCCATTGGCTGACTAACAGGGCTCCCGCAAATA$ GAGCATAAATGACAGTAACCTTCCATTTAATAAACTCATCATTGTGGAAGAACAGCGTCAAGCCACCGAAGACGACCACC AGAACAAAAGTGATCAGGGCCATCTTCTCAACCTTACGAAAGCGAACCCAGCTATAGATAAGCACAATCGCCGTGGCGAC GATCAGCGCCGCAGTAGCCGCATAGATGTCATAAATCTTGTAAAACGCGAAAAAGACCAGCGGTAAAAAATCAAGAA GCAATATGGCTGAAATCAGGTTGCTCAAGGTGTTCGCCAGTACGGCACCAATTTCCGGGGTTAATGCGGCAAAAGAAGAA GCAAAAAGCAGCAACAGTGTTTTTGCCAGCAACCAGCTCAGTACTGCGGGTGCCACCAGACGCATATTCGCCCAAGTCAG  $\tt CCGCATACTGCTACGCATCGAGGCAAAAACGCCCATTTTGTCCTGTACCAACATCACCGGTGCCAGGGCCAGTAAAATGG$ TTTGGCAATATCGGCGCACTGGCACCAATAGCTCGCAGCGCACTGACTCTCTGACCCGCAGACACCAGCTGGATAATTAA TATTACGCCTCCGGCGAGAATGGCGTTACCGATTAATCCTGAAAAAGTGGACGCCGCTGAAGCCTGCAGCAAAATTTGTT GCTGTTCCGGTGACATATTCTGAACCAGGTCGAACAACCCACTACTGCCGCTAACGGGCACGCCGTCATTGAGCTGCGCA AGCTGTGCATCACTGGGTGAGAAAACATGCCCTAACACCACTGTGATAAACGCACATAGCAACGATACCAACAGAATGGT  ${\tt CATAAATTGATTACGGAAGAAATTTCCGGTGTCACGGTATACGGACTGCGCCGTGATAGACATGCACTCTCCTTGAGTTT}$ TATGCAGGTGTTAATTAGCGGGCAATTGTACCCTGGTTAAGCCTCGGGTGGCAGCATCAGGTCTTGTATGGAAAAGCATA TCTTTGTAAAGCGGAGGTAATTGCTGGCCTTCAGGCATGGGCAAATCGCGGCAAGTGGCGACCGAGTTAATATTTGCGTA GCGAAAATATTTAAAAATTGATTTAAATCACATTAACCAGGATTCTCAATGCAACTTCTAAATTAATCCAGATCAATAAA GGGTGAATTATCATATGTAATGTGATCTATGTAGGATCATTTGTTACTCCAATGTAGGTATATTCGTCACGTTTTTATAA GGAATTACTGCCAGCGACGCCGTTCCGCCATAAAATCGGCACCCGGGCGACCGGCGATATTGCAACCGTTCATCATCTGC AGCTGCCGGGCAGGTGGGGGTTGATTATCTGATTAACCGTGACTGGTTAACATGTCAGTGTGGTACATGGATATCG GCAGGATATCGTTTTTAATTCCGCACAAAAACGACCCCGTAATATACGGGGTCAATAAGGACATGGTATAAAGGGTATTA TTTCTTCGCTTCTACGCCATCAGTTTCAGAGCGAATTAAAAATTTCTCAGTTGTTTTGCGGAATATTCTGAATCAGCCAGT AATAGTGAGGTGTAACAGGCGATTTCAAATTGCTCGAAGACATATCCGCTAATAGAGCCTTTGACTATTTCATCAGAAGG GAATATACCACCGATTGACTGCCCAAGCGCAGCCATTTTACTCATGGAATCTTTAATGACTGAACGTGAAATGTCATTAC GATCAAGAATAGTTTCCAGTTGAACAATCTGGTTTTTGGTTTCACTAAGATGTTGTTCAATACGAGCGCGTAGTTCAGGA ATGATAATGTTCAATACGATTCATGAAAATGTCCTCTTTATAAAATGACTAAAAGTTAAAAATTCATATTTCAGGCTTTAT  $\tt CTCGACTTTCTGTGCTGCGGCAATCAGTGCGCATCACGCACTTCGTTTTTCTCGGTACTTTCGATGACCTCATTAGCTT$ CTTCAATAAGACCTTCCACTGCCACACATTTCATGCGCTTAATTTTCAGGTTCGATTCGGACTCCACAACTTGATCAATA TCATATTCATATTTTTCTCCAGTGAAATCACTGCGAGCCATACGGCCCGCAGATGCAATTATCTTTATCAGCTGATATTA ATAATTAACGGTGAATCAGGATTTGCCTGATTTATTACCACCGCTTTGTTGACCGCCTTTTTTACCCGCTTCAGATGCGC GTTGCGGATCATTTTTAAAATTACCGCCGCTATGCTGACCGCCTTTACGGCCTGCGTCGGATGCCTTCTCACGGTCTTCG GCGAAATTTCCTGAACCACCACGATGTTCGGCCATGTTATTTCTCCCGTTGCGTTGCATTGTTTCATTAATATGAGTGTT GTGTGTCGACACTCATTAAAATTAGTCGCTAATGAGAATTAGTCAAATTAAGCGCAACGAGAAGATAGAGGGAAAATATA TTTTGAGGAACATTCTGGATATATTAACAATTACCTGAGGAATAAGTGACTTAGAGAAAATTATTGATTTTACTGGTGTT ATGTTGCGGGATTAATTTGTTTGATTATATTACTGTTGGGCGGAAAAATGACGTAAGTTGACGTTCGACCGGGGTAAGCG  $\tt CTGGCGGCTGTGGGATTAACTGCGCGTCGCCGCTTTCATCGGTTGTACAAAAACTTTCAGTGCCGCCAGCATTTTCTCTG$ GCTCATTAATATGTTGCTCGATGATTTTAACAATGGCCGAACCAGAAATCGCGCCCGCAGCTCCTGCATCAATCGCTGCT TTTACCTGATCCGGGGCGGAAATACCAAATCCCTGCAATGGAGGTGCAGCGTTGTACTCTTTCAGCTTCGCAACCAGATG ATTGAGGGGTAACGCGGCGCGTTTTCTGCGCCGGTCACGCCTGCTCGTGACAGCAAATAGGTGTAACCACGACCGTAAG  ${\tt AGGCTATCTGGCGCAGCAGGTCGTCATCGGCATTTGGCGGGCAGATGAAGATAGGTGCGACATTATGACGCAACGCGGCC}$ TGGCGGAAGGGCGCGACTCTTCAACTGGCACATCGGCACCACCACCAATCGACGCCGACTTTTTCGCACTGGGCATA TCAGTGCCAGCATTTCAAAACATTGTGCCGGAGTCACACCTGCCGCAAAGGCGCGCAGAGTGGCGTTTTGAATCGTCGGG  $\tt CCATCCGCCAGTGGGTCGGAGAAGGGGATACCTAACTCCAGCGCGTCAGCACCGGCTTCAATTAGCGTATCGATAATTTT$ ACAGAGATTCGTAGCGTTCCATCAGATTTCCCCTCGTGCTTTCAAAATATCGTGAACGGTGAAGATGTCTTTATCGCCGC GACCGGAAAGGTTAACCACCAGTAGCTGCTCTTTATCCGGGTTTTCGCGCATCATTTTCAACGCATGGGCCAGGGCGTGG GAGGATTCCAGCGCCGGGATGATCCCTTCGTGCAGGCACAGCGTTTTGAAGGCTTCAAGGGCTTCATCATCGGTAATAGA CACGTAATCAGCGCGTCCAGTGCTGTTAAGATACGCGTGTTGTGGGCCGACAGACGGGAAATCCAGTCCGGCGGAGATGG AGTAAGATTCTTCAATCTGCCGTCTTCGGTTTGCATCATCGGCGCTTTCATACCGAAATAGATACCCACGCGACCATGT  $\tt TTTAGCGGTGCCCGTGCTCGCCAGTTTCGATACCGTGACCACCTGGCTCCACACCAATCAGGCCGACGTTGGTTTCATT$ GATGAAATCAGCAAACATGCCGATGGCATTCGAACCGCCGCCAACACAGGCGATAACGGCATCCGGCAGGCGACCTTCTC TTTCCAGAATCTGCGCTTTGGTTTCTTCGCCAATCATCCGCTGAAACTCACGCACAATGGTCGGATAAGGATGCGGGCCA GCTGCGGTGCCCAGCATATAGTGCGCGGTTTCGTAACTACCGGACCAGTCGCGCAGCGCCTCGTTACAGGCATCTTTCAG CGTCTTTGGCACCCATATAAATACGGCATTTCAGGCCGAGCAGGGCGTGGCAAGGGCCGACGCCACGCCATGCTGACCG GCACCGGTTTCGGCGATGATTTCGGTTTTACCCATCCGCTTCGCCAGCACCCCCCAGCACCTGGTTAGTTTTATG AAAGCTTCTTCCAGCTGGCGCAGAGCAGGCATCAGGATTTGTGGCACGTACATGCCGCCAAACTCACCAAAATAGGGGTT AAGTAATGTTGTCATTGTTCCTTTAATATGCGCGCAGCGTCTGGAAAACCGAGGCCAAAAGACGTGCGTCTTTGAT CTAAGCCCCCGCCAGCAGAACGTTGCCAAGCGATTGACCATTTAATAGTGACCAGTCAAAACGTTGCCCGCTTCCACCC GATGGCAACATGTGCTGGCAGAGCTTCACGCAGCGTATCGATATACAGCTGTTCTTCATTACCATGCAGTTGCACTGCCG GCAGCCATCACTTCCTGCGCCTGTTCAACGTTGACGCAACGCGGTGATGTCGCCAACAAAAATCAACCCACCGTAAATCGC GCCCGCGTCATAAGCTGCTTTAGCATCTTGCCCACGCGTCAGGCCACATACTTTATTCTCACCCAGCAACACCCGGCGCA  ${\tt CGGCGGCGTGCAAATCGTCATGGGCCATCAACGCCGAACCAATCAGAAAACCGTTAGCGAAGTGGCTTAACTCGCGCACC}$ TGAGCGTAAGTATTGATGCCGGATTCGCTGATTACCGTCACGTTGTGCCCCAGTTTCGGCGCAAGCTCGCGGGTACGGTT GAGATCAATCGACAAATCACGCAGATCGCGGTTGTTGATGCCAACGACCTTTGCTCCCAATGCAATGGCGCGCTCCTGTT GTCTTTACATAAAATCGGCTGCGGGGCGATTTGGCTGACGATGGGGAAAATAAAGCTCCCCTGAAAATATTTCTCAT  $\tt CCTTTTGACGGCGACGCTTTCTTGCACTCCAGAATAAACGCCGTGCGCGCACCCTGTAGCGCATCATAAAAATGTCGCGT$ GACGGCTGCTTCATGGGCGGCGTCGCCTTTACCTTGTAACAAACGTGTTAAAAATGTCACGGTTTTCTTCCGGTGTTTCCGC GGTTAATCAATGGCCCCAGCACATTGAACAGGGTGCGGGTTTTCAGTTGCTGGCGAACCGGCATCGCGTGGCGGAATCCG GTGTGATACTTCGGCGCAAAGAGGAAACATACACCTAACTCATCCAGCGCCTGGCGCGATTTATCGGCGTTCATATCAAG ATTAATACCGAACGCCGCCAGCAGATCGGACGAACCAGATTTACTGGAGACGCTACGGTTGCCGTGTTTCGCCACTTTCAGCCCACAGGCCGCGGCGACAAACGCACTGGCGGTAGAAATATTGATACTGTTGCTGCCGTCACCGCCAGTACCGACGATA TCAGCAAACAGATAATCCGGGCGCGGAACGGCGCTTCCGTTTCCAGTAGCGCGGTTGCTGCCCCGGCGATCTCGTTCGG GTGCTCACCGCGAATTTTCATGCTCACCAGCGCCGCCGCCAGTTGTTCCGGCTTCAGCTCGCCACGCACCACCGCTGAAA  ${\tt TCTAGTTTCTGCTGCGCCCAGGCCAGCGTTTGTTCCAGCAGGCGAGCGCCCTGGGTGAGAATGGATTCCGGATGGAATGGAATGAATGGAATGAA$  $\tt CTGGAATCCACAAACGCGATCGCATCGTGACGTACTGCCATCACCATGCCATTAAAATGGGCGTTGATGGTTAAACCGG$  ${\tt CTGATGTCCGAGGCAAATGCCAATAATGGGCAGCTTGCCACGCAAGCGGGTGAGGAGTTCCGGCATACAACCGGCTTCGC}$ ATATGGTTGCGGTAAATCACCACGTTATGCCCATTGCTGCGCAACTGATCTGCCAGGTTGTACGTAAAAGAGTCGATATT ATCGAGCAGCAGAATGTCAGCCATCAGAAAGTCTCCTGTGCATGATGCGCGGTGGCAATAGCGCGCAGTACAGCGCGGGG TTTGTTACGGGTTTCGTCGGCTTCCGACTGCGGAACAGAATCAAGGACTACACCAGCACCCGCTTGCACGGTGGCGATAC CGTTTTCCACCAGCGCCGAGCGGATCACAATGCAGGTGTCGAGATCGCCATGCGCGGTGAAATAACCTACCGCGCCGCCG TAGCTGCCGCGCGACGACCTTCCGCCTCGGCAATTAACTGCATAGCGCGTACTTTCGGCGCACCGCTTAACGTCCCCAT ATTCATACAGGCGCGATAAGCGTGCAGGGCGTCAAGATCGTGACGCAGTTCGCCGACTACGCGAGAGACGAGGTGCATCA  ${\tt GCGAGATCAACCAGCATCAGATGTTCAGACAGCTCTTTATGATCGGTACGCATTTCCAGTTCAATACGGCTGTCGAGATCAGATTTCAGAT$ TCTGTCCAGTGAACCATCGGCGCGACGACCGCGTGGGCGTGTTCCGGCAATCGGGTAGATCTCAATCTGGCGGCTGGTGG CATCATACTTGAGCGAGCTTTCCGGCGACGCGCCAAATAGGGTGAAATCATTATCCTGCATAAAAAAACATGTACGGGCTG GAAAATTTCTCCAGCGCGAATCGCTTTTTGCAACAAACGCACTACGCCACCGAACTCTTCATCGCTCTGATTACATTCAC CATCAGCGTTTCAGCGAGATAAAAACAGAAATCAGGGCAGTTATTTTCCGCTGACAGTTGCGGTAAATCTTCAAATCCCG  $\tt CCACAAGGTCATAAGAGAACAGGCCGCCGAAGAACATGGCTTCTCGTTCTTCGGTACATTCAACAGATTCTGCAAT$ AAACGGAAAGCGTCAAAAACCGAAAGGGAGCATAAGCGGGCGTCTTCATCCAGCAGTGGACTGACAGGGGGGAAGCGCAG TGCCGGAAAGTGCCTGGATTGTGACAGTGTCACCTAAAGCTGTAATGCGCAGCGCACTGTCTACCAGCAGCAGGCTTTTT AAATCATCTTTGCTGTCGATATCTGCGGATTCCAGCAGCAGCGTTGCCGGACGATCCCCACACAACTGGTGAAAAAGCGC  $\tt GGTGGGATTGTCGCGGTTAGCGGTTAGCAGTTCGAGAGTCGGTTTTTGTGTTTTGCATTGTTATTCTCTAAT$ TTTGTTCAAAAAAAAGCCCGCTCATTAGGCGGGCTGGGTATCTGATTGCTTTACGCATGGTGAATACACTGCCCGTTTCA GGAAGTGCGCCACCAACCTTTCAGTACGAAAATTGCTTTCATTGTCGATACCCTTTTTACGTGAACTTGCGTACTAGTTA ACTAGTTCGATGATTAATTGTCAACAGCTCATTTCAGAATATTTGCCAGAACCGTTATGATGTCGGCGCAAAAAACATTA TCCAGAACGGGAGTGCGCCTTGAGCGACACGAATTATGCAGTGATTTACGACCTGCACAGCCATACCACAGCTTCCGATG GCTGCCTGACGCCAGAAGCATTGGTGCACCGTGCAGTCGAGATGCCGCTCGGCACCCTGGCGATCACCGACCATGACACC CACGGTCTGGGAAAATCATGAAATTCATATTGTCGGGCTGAATATTGATATTACTCATCCGCTAATGTGTGAGTTCCTCG  $\operatorname{CGCAGCAGACAGACGGCGCAATCAGCGGGCGCAGCTGATTGCCGAAAGACTTGAAAAAGCGCAAATACCTGGGGCGCTG$ GAAGGCGCACAACGACTGGCGCAGGGCGCGCAGTGACGCGCGGTCATTTTTGCGCCGTTTCCTTGTTGAGTGCGCCAAAGC CAGTTCAATGGCGGATGTCTTTAAAAAGTATCTGGCGCGCGGGAAAACCGGATACGTTCCGCCACAGTGGTGTACAATAG AACAAGCTATTGATGTCATCATCTTGGCGGTAAGGCGGTGCTAGCTCATCCTGGGCGGTACAATCTTAGTGCTAAA TGGCTGAAAAGATTGGTTGCGCATTTTGCCGAACACCACGGTGACGCGATGGAAGTCGCCGCAGTGCCAGCAATCGCCCAA TGAACGTACCCAGCTGGCGGCCCTTGCGCGTCAGCATCATTTATGGGCATCACAAGGATCTGATTTTCATCAGCCATGCC CGTGGATCGAACTGGGTCGTAAACTCTGGCTGCCCGCAGGCGTTGAAGGCGTCTGGCAGCTATGGGAACAGCCGCAGAAC ACCACAGAGAGGGAATTATGAGCCAGTTTTTTTATATTCATCCTGATAACCCACAGCAACGTCTGATCAACCAGGCGGTG GAGATCGTGCGTAAAGGCGGGGTGATTGTTTATCCAACTGATTCCGGCTATGCGCTCGGCTGTAAAATTGAAGATAAAAA  $\tt CGCGATGGAGCGTATTTGTCGTATTCGCCAGCTGCCGGACGGTCACAACTTTACCCTGATGTGTCGCGATCTTTCTGAAC$ TCTCGACCTATTCATTTGTTGATAACGTTGCGTTTCGTTTAATGAAAAACAACACGCCGGGCAACTATACCTTCATCCTG AAGGGGACGAAGGAAGTGCCACGCCGTCTGTTGCAGGAAAAACGCAAAACCATCGGTATGCGTGTGCCTTCTAACCCTAT CGCTCAGGCGTTACTTGAAGCATTGGGCGAACCGATGCTTTCCACTTCGCTAATGCTGCCAGGCAGCGAATTTACCGAAT  ${\tt CGGACCCGGAAGAATTAAAGATCGTCTGGAAAAACAGGTAGATTTGATTATTCACGGCGGCTATCTCGGGCAGAAACCG}$ A CAACGGTTATTGATCTTACCGATGATACGCCGGTCGTGCTGCTGAAGGCGTAGGTGATGTGAAGCCTTTCTTATAACA ${\tt AATTGCGTTCCACGGATGGAAGACTATGGCAGGGAAGTTTCGCTGCATTTTGCTGTTGATAGCAGGGCTGTTTGTATCAT}$  $\tt CCAGATGGGGTGCTCGACATCAAAGAAAATATTCATTTTCAGGCGCGAAATCAGCAGATTAAGCACGGCTTTTATCGTGA$ TTTACCACGACTATGGATGCAGCCTGATGGGGACGCTGCACTGCTGAACTATCATATTGTTGGCGTCACCCGTGATGGTA TTCCTGAACCCTGGCATCTTGACTGGCATATCGGGTTAATGAGTATTGTCGTGGGCCGATAAACAACGTTTCTTGCCTCAA GGCGACTATCATTATCAAATTCATTATCAGGTTAAAAATGCTTTCCTGCGTGAGGGGGGATTCTGATCTGCTAATCTGGAA  $\tt CGTGACCGGTAACCACTGGCCGTTTGAAATTTATAAGACCCGTTTTTCTCTCCAGTTCTCTAATATTGCGGGTAATCCAT$ TTAGCGAAATCGATCTTTTTACCGGAGAAGAGGGCGACACATATCGTAATGGCCGCATCCTTGAGGACGGAAGAATTGAA TCCCGCGATCCGTTTTATCGTGAAGATTTCACGGTCCTCTACCGCTGGCCTCACGCTTTACTTAGCAATGCCTCGGCTCC GCAAACGACGAATATTTTCAGCCATCTTCTTTTACCCTCCACGTCATCGTTGTTAATTTGGTTTCCGTGTCTCTTGG TTTGTGGATGGTTATATCTCTGGAAGCGCAGGCCGCAATTTACGCCGGTAGATGTGATTGAAACCGATGTCATTCCGCCA GATTACACGCCCGGCATGTTACGTCTCGATGCGAAGCTAGTTTACGACGATAAAGGTTTTTGTGCCGATATCGTAAATCT GATTGTGAAAGGAAAATTCATCTGGAAGATCAGTCTGACAAGAACCAGCAAATCCTGATTCGTGTTAATGAAGGCGCGA  $\tt CCAGAAATAATGCGGTATTACTGCCCGCAGAGCAGTTATTACTGGAAGCGTTATTTCGTAAAGGCGATAAGGTCGTTCTT$   ${\tt ACGGGGAGACGCAACAGAGTCTTACGCAGGGCATTTTTACGGATGCAGAAATTTTATCTGCCGCGTAAAAAGTCTTCGTT}$ TTACCGGTCTGATACTTTTTTGCAATGGGGTGGACTGGCAATATTGGCGGTCATTCTTTACGGTAACTTGAGTCCTGTAG GCTGGCCAGGAATGAGTCTGGTGGGCCATATGTTTATTATGATCTGCTGGATTATTCCTTTTTTATTTTTGTTCCCTTGAG CTTTTGTTTGCCCGCGATGATGACAAGCCTTGCGTTAATCGTGTAATCACTTTGTTTTTACCACTGATTTGTTCAGG  $\tt CGTGGCCTTCTATTCTCTCACATCAATGTCGGAGATGTATTCTTTTACTGGTATATGCCAGCGGGTTATTTTACCGCTG$ TTTGCCTGACCGGTTATCTCACTGGCATGGGGTATATTTTTCTGCCAAAGTTTACCCAAACTGGACAGCAACGTTATGCC TTTCTTCGGCGATTCGCGCTCCAGAGATTGCCCGTAACGGCGTTTTATTCTCATTACAGACGCACCTAAGTTGCGGGGCC ATTAAGCTGATGTTAATCGAAACAAGCTTTAACCATAAAGATAGTGTAGTATGTTGCGCCTCAAAGCCAGGCCGATAAAC  $\tt GTCGAGTCGTTTACTTAAGGCCTGAAGAGTTCAAACAGACTTTACTATCAGTGAGTCAGATGTAAGTTCTGACTCACTGT$ TGCACAAAAGCATATCAGACGCCTGGGAAGGCGACACCAAAAGGAAGCTCTATGAGCGAAAAGCTACAGAAAGTGCTGGC GCGTGCCGGCCACGGTTCTCGCCGTGAAATCGAATCTATTATTGAAGCCGGTCGTGTGAGTGTTGATGGCAAAATTGCTA  ${\tt AACTCGGCGATCGTGTTGAAGTTACCCCTGGATTGAAAATCCGTATCGATGGTCACCTGATTTCGGTACGTGAGTCCGCT}$ GAACAAATTTGTCGCGTTCTGGCCTATTACAAACCGGAAGGTGAGTTGTGTACCCGTAACGATCCGGAAGGACGTCCAAC TGCTGTTCACCACCGATGGTGAACTGGCAAACCGTTTAATGCACCCAAGCCGTGAAGTTGAACGTGAATATGCCGTGCGT GTATTTGGTCAGGTTGACGACGCGAAACTGCGTGATTTGAGTCGTGGCGTGCAGTTGGAAGATGGTCCGGCAGCTTTTAA  ${\tt AACCATCAAGTTCAGCGGCGGCGAAGGGATCAACCAGTGGTACAACGTGACTCTGACCGAAGGCCGTAACCGTGAAGTTCAAGTT$ GTCGTCTGTGGGAAGCGGTTGGTGTGCAGGTGAGCCGCCTGATCCGTGTTCGTTACGGTGATATCCCACTGCCAAAAGGT CAGCTCTAAAGTCGCTGTAGAAAAAGACCGTCGTCGCATGAAGGCGAATCAGATTCGTCGTGCGGTGAAACGTCACAGTC AGGTGAGCGGCGGTCGTCGTCGTCGGCGGACGTAATAATAACGGTTAATCAAAGTATGCCGGACGTCATATCCGGCATTTT TACAGATTAATAATCGATCCCTATCTGCGCTTTTACACCGGCATCAAACGCATGTTTGACGGGGCGTAATTCACTTACCG TATCTGCCAGTTCAAGAATATCCCGATGACAACCACGACCCGTGATAATCACCGTCTGTTGATGTGGACGTTCATTTAAC GCCTGCACCACTTCTTCCAGTGGCAAATAGTCATACGCCACCATATACGTCAGTTCATCAAGCAAAACCATATCCAGTGA GGAATCAGCAAGCATCCGCTTTGCATGTTGCCAGACTTCGCGGCAGGCGGCGGTATCAGACTCGCGGTTTTGTGTATCCC  ${\tt AGGTAAAGCCCGTTGCCATCACCTGAAACTCAACGCCATGTGGCTCCAGCAGATTGCGTTCGCCATTAGGCCAGGTGCCT}$ TTAATAAACTGCACGACGCCTACTTTTTTTCCGTGACCAACTGCGCGTGTTGCCGTACCAAATGCCGCGGTGGTTTTGCC  $\tt CTCGCTGCTGACGCTGTTGGTAGCGTTCATCACTCATTGGGAAATTCCTGGTTTACGGCCCGGTTGGGCGTCAAAGGTCAAGGTTCAAGGTCAAGGTCAAGGTCAAGGTCAAGGTCAAGGTCAAGGTCAAGGTC$ TGCCGGTTTTACGGCGGCTGTCATCGCCCATCAGCCAGAGGTAGAGCGGCATGATATCAGCGGGTGTTTTAAGTTTCTGT GGATCTTCGGTCGGGAAGGCGCTGGCACGCATTGCGGTGCGCGTACCGCCTGGGTTAATGCAGTTGACACGCAGGCGCTG  $\tt CTGATATTCATCGGCCAGTACCTGCATCATCCCTTCGGTGGCAAATTTCGACGCTGCATATGCACCCCAGTTGGCTCGTC$ GCCGAGCAATCCGGCATTATGCAAAACACCATCCAGACGCGGATAATTAACGGCAATGCGCTGTGCCAGTTGTTGGCAAT TGACGTAATTTTTCTTCATTACGGCCCAACAGAATCACTGTCGCACCATAGCGTGCATACGTCATCGCGGCTTCACGACC  ${\tt AATACCATCGCTGGCTCCCGTCACCAGGATAATGCGATCATTGAGTAAATCTTGTTTTTGGCTGGTAATGCATGGCTACTC}$  $\tt CTCAACGACGTTGTCTGTCGCGCTGCCAGTGTACTTTATGACTTTGGGGCTTTATGCCTGAAACAGAAGGGCATTTCAAT$ CAGCCTGGGGCGATAACACCGCAAAATGGATACTTTGTCATACTTTCGCTGCAATAACATCTCTGCGAGACGGCTTAACA TGCCTGTTGTAAACTGTGAGCCAAAGCGTTGTTTAACCAAGGTGGGGACTCGTGGAATTGTTGTCTGAATATGGTTTGTT TTTGGCGAAAATCGTTACCGTTGTGCTAGCGATTGCGGCGATTGCCGCCATTATTGTCAATGTTGCTCAACGTAATAAAC GCCAGCGTGGCGAGTTACGGGTCAACAATCTCAGCGAACAGTATAAGGAGATGAAAGAAGAACTGGCCGCGGCGCTGATG GACTCACATCAGCAAAAACAGTGGCACAAAGCGCAGAAGAAAAAGCATAAGCAAGAAGCGAAAAGCGAAAAGCGAAAAGC  TGAACTCGCTACGTGAAGAGATAACGGCTGTACTCGCAGCATTCAAACCGCAGGATCAGGTTGTGCTCCGTCTGGAAAGC  $\tt CCTGGTGGCATGGTTACGGGCTGGCGGCTTCGCAACTGCAGCGTCTGCGCGATAAAAACATTCCTTTAACTGT$ TACGGTAGACAAAGTCGCTGCCAGCGGCGGTTACATGATGGCCTGTGTGGCGGACAAAATTGTTTCCGCACCGTTTGCTA TTGTGGGTTCCATTGGCGTGGTGGCGCAAATGCCCAACTTTAACCGCTTCCTGAAAAGCAAAGATATTGATATCGAACTG  $\tt CACACTGCCGGGCAGTATAAGCGCACGCTGACGTTGCTGGGTGAAAATACCGAAGAAGGGGCGGGAGAAATTCCGCGAAGA$ GTTGAACGAAACGCATCAGTTGTTTAAAGATTTTGTGAAGCGTATGCGTCCTTCTCTGGATATTGAACAGGTGGCAACGG GTGAACACTGGTACGGACAACAGGCGGTAGAGAAAGGCCTGGTTGATGAAATCAACACCAGTGATGAAGTTATTCTTAGC CTGATGGAAGGCCGTGAAGTGGTCAATGTACGCTATATGCAGCGTAAACGACTCATTGACCGGATTCACCGGCAGCGCGGC AGAGAGCGCCGATCGATTGTTGCTACGCTGGTGGCAGCGGGGTCAAAAGCCATTGATGTAAAAGACAAACGCGAGGCTAA GACCTCGCGTTTTGCTTTAATCAACCAGATGATATTTTTCTGAAAGCACATGGGCCAGGTGTTTGAACATATTAAACACC GCGGTGCTTTTGGCTGTTGGCAATCCTTGTTCATCTAAAAAGTAGTCGCCGGTAAATACCAGCACGCCATTACGCTGCGT GACGCCGGTGGCTTCAATCCCTGCGAGCGTATCCTCATGCTCACGAATGATTTTGTTGGCCTCTTTCAACAGCGTTTTCGC GGTCGATGGGTTGTCTCTTTGTTCATTATTTACTCCTTAAACAAGGACATTAGTCTACGCCAGGCATGGCTTGCAGAC AAATATACCACGCTGGTGGCAAGAGCGCCTTACTGGCAACTTTGGATTTTGCATGCTAATAAAGTTGCGTATCGGATTTTATCAGGTACAGTGTGACGCTTTCGTCAATCTGGCAATAGATTTGCTTGACATTCGACCAAAATTCCGTCGTGCTATAGCG  $\tt GCGAGTCCATATCGGTAACTCGTTGCCAGTGGAAGGTTTATCAACGTGCGACGCATTCCTGGAAGAATCAAATTAGGTAA$ GGTGAATATGGGTAAAGCTCTTGTCATCGTTGAGTCCCCGGCAAAAGCCAAAACGATCAACAAGTATCTGGGTAGTGACT TCCACCAAGACGGCTAAAAAGCCTAAAAAGGATGAACGTGGCGCTCTCGTCAACCGTATGGGGGTTGACCCGTGGCACAA TTGGGAGGCGCACTATGAAGTGTTGCCTGGTAAAGAGAAGGTCGTCTCTGAACTGAACAACTGGCTGAAAAAGCCGACC A CATCTATCTCGCAACCGACCTTGACCGCGAAGGGGAAGCCATTGCATGGCACCTGCGGGAAGTGATTGGGGGTGATGATGCGCGCTATAGCCGAGTGTTTTAACGAAATTACTAAAAACGCGATCCGCCAGGCATTTAACAAACCGGGTGAGCTGAA TATTGATCGTGTTAATGCCCAGCAGGCGCGTCGCTTTATGGACCGCGTGGTGGGGTATATGGTTTCGCCGCTGCTATGGA AAAAGATCGCTCGTGGCCTGTCTGCCGGTCGTGTGCAGTCGGTGGCGGTTCGCCTGGTCGAGCGTGAGCGTGAAATT GACTCATCAGAACGACAAACCGTTCCGTCCGGTCAACAAGAACAAACTCAGGCTGCGGTAAGTCTGCTGGAAAAAGCGC GCTACAGCGTGCTGGAACGTGAAGACAAACCGACAACCAGTAAACCTGGCGCTCCTTTTATTACCTCTACGCTGCAACAA GCTGCCAGCACCCGTCTTGGATTTGGCGTGAAAAAACCATGATGATGGCGCAGCGTTTGTATGAAGCAGGCTATATCAC TTACATGCGTACCGACTCCACTAACCTGAGTCAGGACGCGGTAAATATGGTTCGCGGTTATATCAGCGATAATTTTGGTA AGAAATATCTGCCGGAAGTCCGAATCAGTACGCCAGCAAAGAAAACTCACAGGAAGCGCACGAAGCGATTCGTCCTTCTGACGTCAATGTGATGGCGGAATCGCTGAAGGATATGGAAGCAGATGCGCAGAAACTGTACCAGTTAATCTGGCGTCAGTT GCAGTTAATAAAGGCGATGCTCTGACGCTCGTTGAACTTACACCAGCCCAGCACTTTACCAAGCCGCCAGCCCGTTTCAG TGAAGCATCGCTGGTTAAAGAGCTGGAAAAACGCGGTATCGGTCGTCCTCTACCTATGCGTCGATCATTTCGACCATTC AGGATCGTGGCTACGTGCGAGTAGAAAATCGTCGTTTCTATGCGGAAAAAATGGGCGAAATCGTCACCGATCGCCTTGAA GAAAATTTCCGCGAGTTAATGAACTACGACTTTACCGCGCAGATGGAAAACAGCCTCGACCAGGTGGCAAATCACGAAGC AGAGTGGAAAGCTGTACTGGATCACTTCTTCTCGGATTTCACCCAGCAGTTAGATAAAGCTGAAAAAGATCCGGAAGAGG GTGGTATGCGCCCGAACCAGATGGTTCTGACCAGCATTGACTGCCCGACTTGTGGTCGCAAAATGGGGATTCGCACAGCG AGCACCGGGGTATTCCTTGGCTGTTCTGGCTATGCGCTGCCGCCGAAAGAGCGTTGCAAAACCACCATTAACCTGGTGCC GGAAAACGAAGTGCTGAACGTGCTGGAAGGCGAAGATGCTGAAACCAACGCGCTGCGCCAAAACGTCGTTGCCCGAAAT TACGAGATCGAAGAGGGCGAATTCCGCATTAAAGGTTATGACGGCCCGATCGTTGAGTGTGAAAAATGTGGCTCTGAAAT GCACCTGAAAATGGGGCGTTTCGGTAAATACATGGCCTGCACCAACGAAGAGTGTAAAAACACGCAAGATTTTACGTA  ${\tt ACGGCGAAGTGGCACCACCGAAAGAAGATCCGGTGCCATTACCTGAGCTGCCGTGCGAAAAATCAGATGCTTATTTCGTG}$ AGAGCTTTATCGCTTCCGCGACCGTCTGCCGGAAAAACTGCGTTATCTGGCCGATGCGCCACAGCAGGATCCGGAAGGTA CGCGAAAGCGGCCCTTTTTTATTGCATATTATTTTTTTCTTCACACCTATACACTAAGGCTATAAATGATATAGTGGTTAT AGTTAGCACCTTTTTTATTATTAAATCGTATTAGTCACCCGCCAGGTGTGACGAAAAAACGATGTTCTGATGGCGTCTAA GTGGATGGTTTAACATGAAATTACAACAACTTCGCTATATTGTTGAGGTGGTCAATCATAACCTGAATGTCTCATCAACA  ${\tt GCGGAAGGACTTTACACATCACAACCCGGGATCAGTAAACAAGTCAGAATGCTGGAAGACGAGCTAGGCATTCAAATTTT}$ AAGTCGATGCCATAAAATCGGTTGCCGGAGAGCACACCTGGCCGGATAAAGGTTCACTGTATATCGCCACCACGCATACC CTCGCCGACACAAATTGCTGATGCCGTCTCTAAAGGCAATGCTGATTTCGCTATCGCCACAGAAGCGCTGCATCTGTATG GCCATTACCATTGAAGAACTGGCGCAATATCCGTTGGTGACATATACCTTCGGCTTTACCGGACGTTCAGAACTGGATAC TGCCTTTAATCGCGCAGGGTTAACGCCGCGTATCGTTTTCACGGCAACGGATGCTGACGTCATTAAAACTTACGTCCGGT GCGTTTTGCACCGCATTTAACGCGTGATGTCGTTGATGCGGCTGTCGCATTGCGCTCTAATGAAGAAATTGAGGTCATGT TTAAAGATATAAAACTGCCGGAAAAATAATTTCTTGCGTTATTTTCGGCACCTTTTATGTAGCGAAGGTGCCGGAATATA TTCTCTTTTGTTACTTATTTCTATACCGTGCACAATATTTTTATCCCTCATATTTATAGGGTAAATTACCTGTAAAGTAG TGTCTAATTACCCGCCTCGCAAACTCCAGTTTTCAAATATCTATTTCAGGTCAAAAGATTGAATTATTCACTGGAGACGA GTCTTGCTGATAAGTGATGGCGATTATATGAGGTTAGCAATGCCTTCTGGAAATCAGGAACCCCGCCGCCGATCCTGAATT GGGGATAACTATGGTCGGTCAGGAGCAACTGGAGTCGTCACCATTATGCCAGCATAGTGACAATGAAACAGAAACGAAAC GGGAATGTTCCGTCGTTATTCCAGACGACTGCCAACTAACATCGCAGCAGCAGCCTTTATAGAACTGTTTGCTGAAGAT GATCAGCCGAAACAATAATTATCATCATTCTTATTACCCATTTTTAATGAATTAAAGGGCTTTTAATACACCGCAGCAAT AACAGCTTGAGTTATCTCAACACAAAATAATAACCGTTAAGGGTGTAGCCTATGATCAACACAAAATATGAAATATTGGTC  $\tt CTGGATGGGCGCGTTTTCTCTGTCGATGCTCTTCTGGGCCGAACTCCTCTGGATCATTACTCACTGATCCTTGACCCCGC$ TGCGGCGGGGTTGTCATTTGCTTTGCCACAAGGTTTCTCCTCTTTTATCAATTTGGGTTGTTATCAAATCGTTACGCGAT GTTTGTGTTATCTTTAATATTCACCCTGAAGAGAATCAGGGCTTCGCAACCCTGTCATTAAGGAGGAGCTATGTCGTCAA CCCTACGAGAAGCCAGTAAGGACACGTTGCAGGCCAAAGATAAAACTTACCACTACTACAGCCTGCCGCTTGCTGCTAAA TCACTGGGCGATATCACCCGTCTACCCAAGTCACTCAAAGTTTTGCTCGAAAACCTGCTGCGCTGGCAGGATGGTAACTC GGTTACCGAAGAGGATATCCACGCGCTGGCAGGATGGCTGAAAAATGCCCATGCTGACCGTGAAATTGCCTACCGCCCGG  ${\tt CAAGGGTGCTGATGCAGGACTTTACCGGCGTACCTGCCGTTGTTGATCTGGCGCGAATGCGCGAAGCGGTTAAACGCCTC}$ GGCGGCGATACTGCAAAGGTTAACCCGCTCTCACCGGTCGACCTGGTCATTGACCACTCGGTGACCGTCGATCGTTTTGG TGATGATGAGGCATTTGAAGAAAACGTACGCCTGGAAATGGAGCGCAACCACGAACGTTATGTGTTCCTGAAATGGGGAA AGCAAGCGTTCAGTCGGTTTAGCGTCGTGCCGCCAGGCACAGGCATTTGCCATCAGGTTAACCTCGAATATCTCGGCAAA GCAGTGTGGAGTGAATTGCAGGACGGTGAATGGATTGCTTATCCGGATACACTCGTTGGTACTGACTCGCACACCAC TGCTTATCCCGGATGTAGTGGGCTTCAAACTTACCGGAAAATTACGTGAAGGTATTACCGCCACAGACCTGGTTCTCACT GTTACCCAAATGCTGCGCAAACATGGCGTGGTGGGGAAATTCGTCGAATTTTATGGTGATGGTCTGGATTCACTACCGTT GGCGGATCGCCCCCATTGCCAATATGTCGCCAGAATATGGTGCCACCTGTGGCTTCTTCCCAATCGATGCTGTAACCC TAAACGCCCACAGGATCGCGTTGCACTGCCCGATGTACCAAAAGCATTTGCCGCCAGTAACGAACTGGAAGTGAATGCCA  $\tt CGCATAAAGATCGCCAGCCGGTCGATTATGTTATGAACGGACATCAGTATCAGTTACCTGATGGCGCTGTGGTCATTGCT$ GCGATAACCTCGTGCACCAACACCTCTAACCCAAGTGTGCTGATGGCCGCAGGCTTGCTGGCGAAAAAAGCCGTAACTCT  AGGCCGTATCCATCCGCTGGTTAAAACTAACTGGCTGGCCTCGCCGCCGCTGGTGGTTGCCTATGCGCTGGCGGGAAATA TGAATATCAACCTGGCTTCTGAGCCTATCGGCCATGATCGCAAAGGCGATCCGGTTTATCTGAAAGATATCTGGCCATCG GCACAAGAAATTGCCCGTGCGGTAGAACAAGTCTCCACAGAAATGTTCCGCAAAGAGTACGCAGAAGTTTTTGAAGGCAC AGCAGAGTGGAAGGGAATTAACGTCACACGATCCGATACCTACGGTTGGCAGGAGGACTCAACCTATATTCGCTTATCGCCTTTCTTTGATGAAATGCAGGCAACACCAGCACCAGTGGAAGATATTCACGGTGCGCGGATCCTCGCAATGCTGGGGGGAT TCAGTCACCACTGACCATATCTCCCGGCGGGCAGTATTAAGCCCGACAGCCCAGCGGGTCGATATCTACAAGGTCGGGG TGTTGAGCGAAAAGACTTTAACTCCTACGGTTCGCGGCGTGGTAACCATGAAGTGATGCTGCGCGGCACCTTCGCCAATA TTCGCATCCGTAATGAAATGGTGCCTGGCGTTGAAGGGGGGGATGACGCGCATTTACCTGACAGCGACGTAGTCTCTATT TATGATGCTGCGATGCGCTATAAGCAGGAGCAAACGCCGCTGGCGGTGATTGCCGGGAAAGAGTATGGATCAGGCTCCAG TCGTGACTGGGCGGCAAAAGGTCCGCGTCTGCTTGGTATTCGTGTGGTGATTGCCGAATCGTTTGAACGAATTCACCGTT  $\tt CGAATTTAATTGGCATGGGCATCCTGCCGCTGGAATTTCCGCAAGGCGTAACGCGTAAAACGTTAGGGCTAACCGGGGAA$  $\tt CCAGGAAGTCGTACCCTGCCGTTGTCGTATCGACACCGCGACGGAGTTGACCTACTACCAGAACGACGGCATTTTGCATT$  $\tt CTACAATCAATGGTACGCGTTCAACAATATTAATCCCTGCTTCGGTCAGAATTTCGACTTTTTTCGGGTTATTGGTTAAC$  ${\tt AAGCGGACTTCATTGACGCCAAGGAGTTTGAACATATCAGCGCAAAGAGTGAAGTCGCGCTCATCAGCGGCGAAGCCTAA}$ GACCTTCCTGACGGTGATACAGCAAAATACCACGGCCTTCCTCGGCAATTTGCGTCAATGCCGCTTCGAGCTGGAAGCCA CAATCGCAGCGCAAGCTGAACAGGGCGTCACCGGTCAGACATTCGGAATGGACGCGCGCAAGTACCGGGGTATGCCCGGA AATATCGCCATAGACTAGCGCGACATGATCGTGTCCGGTTGCCAGTTCTTCAAATCCCACCATCAGGAAATCGCCCCATG GGGTTGGCAGTTTGGCTTCTGCCACACGTTTAAGCTGCATGAAATTCTCCAGATAATGCTGGTTCTGTATTGGCTTATTT TGCCATAACGAGAAGGGGTTCACCTAATCACGACGCGTCGATCGTTCACGGAATGGCACAAATCTGTCAATTTTTCCTGG AACTGGCGTTTTCAGTTATGATTGTGGGACTTATCAAAAAGGAGAGGCCATGCGTTCGATTGCCAGACGTACCGCAGTGG  $\tt CTAAAAGCGGCTTTTTGGGTTACTGAAACTGTCACCCAGCCTGGGGCGTCATTACACATTTGATTTTATTCGGCTGGTT$ TCTCTGGTGTCTCCGCATTTCGCATTAAGGCTGCCTTTGTATTATTTTGCCATTCTGGCGGCCGCAATCCTTGTGGGACAAG GTTGATGAGTTCTACACTTTAAAGCGAGCAGAACGCGGAAATCTAGTGAAAGAACAGTTGGCTGAAGAAAAAATATCCC GGTGGCAACGTGGCTTGCGCAACGAATTTGTGGGCCATTAACACCACCTGCGGAAGAAATCGCGAAATAGCGCAACGAG AACAAGAAAGTTAACGCTGGTTGATTTTCCGAATTTAGCCCTTAAATCATCAACAATGCGTGTGGATGCCATTTCGCAGA CGGCGCGAAAATGGTACTTTAAAGGGCTATTGCGGTAAGTTGACCATAATTTATTCGCTCTAACCACATAACGGGAAGTA ATGTGAAATATTTACTCATTTTCTTACTGGTGTTAGCGATCTTCGTGATTTCGGTCACGTTGGGTGCGCAGAACGATCAA  ${\tt CAGGTGACGTTTAATTATCTGTTAGCGCAAGGGGAGTACCGTATTTCCACATTGCTGGCGGTATTGTTTGCTGCGGGGGTT$ GACTGGAAAACCAGCTTTCACCCGCGACTGACGTGGCTGTAGTGCCGCACTCGTCAGCGGCGAAGGAATAACTTTCTATG  $\tt CTGGAGTTGTTTCTGCTTTTGCCTGTAGCCGCTGCCTATGGCTGGTATATGGGCCGCAGAAGTGCGCAACAAAACAA$ GCAAGATGAAGCCAACCGCTTGTCGCGTGATTACGTAGCGGGGGTTAACTTCCTGCTTAGTAATCAACAGGATAAAGCGG TAGACCTGTTTCTCGATATGCTTAAAGAGGGATACAGGCACCGTTGAAGCCCACCTTACGCTCGGAAACCTGTTCCGTTCG  $\tt CGTGGCGAAGTTGATCGCGCTATTCGCATCCATCAGACCCTAATGGAAAGCGCCTCGCTGACCTATGAACAGCGTCTGTT$ GGCGATTCAACAACTGGGGCGTGATTACATGGCCGCCGGGTTATATGACCGCGCGGAAGACATGTTCAATCAGCTGACCG GATGTTGCCGAACGCCTGGTGAAGCTGGGTAAAGATAAACAGCGCGTCGAAATTGCCCATTTCTACTGTGAGTTAGCCCT  GCGTATCCATAATGATGGGACGCGTGTTTATGGCGAAAGGAGAATACGCCAAAGCCGTCGAAAGTCTGCAACGCGTGATA TCCCAGGACAGAGAACTGGTCAGCGAAACGCTGGAAATGTTGCAAACCTGCTATCAGCAGTTGGGTAAAACTGCCGAATG GCGACGGTAGTGAGGCCGCACAGGTCTATATTACGCGCCCAGCTTCAGCGTCATCCGACCATGCGTGTGTTCCATAAGTTA ATGGATTACCACTTAAATGAAGCGGAAGAAGGGCCTGCCAAAGAGAGCCTGATGGTGCTGCGTGACATGGTTGGCGAGAAGGTACGTAGTAAGCCTCGTTATCGTTGCCAGAAATGTGGTTTTACCGCATACACCCTCTACTGGCATTGTCCGTCTTGTC ACTAATTATTAATGTTCCATTGTGCTCCGGCAACGACGACGACGAAAAAGCCTGCCAGGGGAGAAATCGCAACTGTTAAT TTTTTATTTCCACGGGTAGAATGCTCGCCGTTTACCTGTTTCGCGCCACTTCCGGTGCCCATCATCAAGAAGGTCTGGTC ATGACGTTAACTGCTTCATCTTCCCGCGCTGTTACGAATTCTCCTGTGGTTGTTGCCCTTGATTATCATAATCGTGA TGACGCGCTGGCCTTTGTCGACAAGATCGACCCACGCGATTGTCGTCTGAAGGTCGGCAAAGAGATGTTTACATTGTTTG GCAGCGCACGCTGTCGCTGCAGCTGACTTAGGCGTGTGGATGGTGAATGTTCATGCCTCTGGTGGGGCGCGTATGAT GACCGCAGCGCTGAGGCACTGGTTCCGTTTGGCAAAGATGCACCGCTTTTGATTGCTGTGACAGTGTTGACCAGCATGG  ${\tt AAGCCAGCGACCTGGTCGATCTTGGCATGACACTGTCACCTGCAGATTATGCAGAACGTCTGGCGGCACTGACGCAAAAA}$ TGTGGCCTTGATGGTGTGTGTTCTCGCTCAGGAAGCTGTGCGCTTTAAACAGGTATTCGGTCAGGAGTTCAAACTGGT TACGCCGGGCATTCGTCCGCAGGGGAGTGAAGCTGGTGACCAGCGCCGCATTATGACGCCAGAACAGGCGTTGTCGGCTG GTGTTGATTATATGGTGATTGGTCGCCCGGTAACGCAATCGGTAGATCCAGCGCAGACGCTGAAAGCGATCAACGCCTCT TTACAGCGGAGTGCATGATGAGTGATTCCAACAGCCGTCTGGTCTACTCAACGGAAACCGGACGTATTGATGAGCCCAAA  ${\tt GCGGCCCTGTACGCCCTAAAGGCGACGGTGTGGTGCGTATTCAGCGTCAGACCAGTGGACGTAAAGGTAAGGGCGTTTG}$ GAGCAGTTAAAGATGGAGTTATTGAAATCCAGGGCGATAAGCGTGATTTATTAAAATCACTACTTGAAGCGAAAGGGATG AAGGTAAAACTCGCAGGCGGTTAACATAAAAAGCCACGGATATATCCGTGGCTTTCGAATATTTTACTGTGCGTATTATT  ${\tt CCTGGTGACCAATAACACCTCCGACAGCTGCACCCTAATGTACCCAACGTACTGCCATCGGTCAGTACTGCACCGCCT}$ AATGCCCCTGCACCCGCGCCGATTGCGGTGTTGCGGTCCCGTTTAGACCAGTTAGAACAGGCACTCAGAGACATTGCCAA GTAAGCTCTCTATAACTATAATAGCTAAGAATAAGTCTGGTGAAATTATTCCGTGAAATCTGCTCGCGCGCAGGGTTATA TCACGCAGGTGATAATGACTTCCTGTTATATCGCTGATAATAATTTTATATCTTGAGAGTGTTAATAACAGGTAAATAGT CTTAATTATCAACCAGGAATCATCTTAGAGCGGATGATTTGCCAAACTGCAAATCATCCGTAGAGAAGGGAAATGGTTAA ATGTCAACGACGTGAATGGTGAGTTTACTGTGCTCAAGATGCATCAGATCGCTGGCGCGTATTTTCGAATCGGTAATCAC CGCACTCTTTTTCCAGCACGGCATTGACCACATCGGTACGCATCATATCGCGACCGGTAAATCCAGTTTCAGGTTGCCAG  $\tt CCATCAATACCAATAAATGCTTTGCTGAAATGCACCTGTTGGATGCACTGTCGAAAGGGCCAACCATACTTTCGCT$ TTTTTTCTGATACACGCCACCGAGCAAAATAACTTCACAAGGCGCGTCTTTCAGCAAATGCGCGATGTAGCTGCTGACCG TGATGATAGTGACATTTTTCTTCTGCTCGCCCAGAGTCCGGGCGAGTAGGGCATTGCTGCCGCTGCCATTTTCGATAAAGATG GTTTCGCCCGGTTGAACCAGCGACGCGGCAAACTCGGCGAGTTCACGCTTCAGCGTATAGTTGCTCATCATACGGGTTTC  ${\tt GACGTCATCAAGCGAAACAGCAAAGCCATGTGCACGGCGGAGGTAACTCAGTTTTTCGAGTGTTTTGAGATCCT}$ GGCGAATGGTAACTTCAGAAACTCCAGTGGCTTTTGCCAGATCGGTTACGCTAACCTGACCCTGGTCAATGACCATCTGT GCATCCTCAAATAGGAAAACCTGAAGGCACGATTGTTAAATCTCCCACGGTGCCTTCGGGATGTCTGGCGTAGATTCAGC AACCTGGCGCAAGAGTTCTGCTTTAAGTATCTCGAGATTATGGATCGCAGAGTGGTAATCGCCTGCCACAAGGATATCTA  ${\tt ACACAATATCAATACGTTCGGCAACGCGCTGGGCATCAAATTCAGACATCAAGGACATCCTTATAGCAAAAGGGGGAAAA}$ TGAATAATGCAAAAATTGCCGCTAAAAGAGAAGTGTTTAACAGCAACGGCTAATTATCATCCAGGAATACGATATATAAT GACGGGATATAGCGCTAAGTATATATTCATCTACTTATGCGCGCTTCAGATAGCGTTTATACCAGCGTTCGAAGGCGA CTCTCTACACCTTCGGCGATCACCTGAAGATTCAATGCCTGGGCCACAGCGACGATCGCCCGGACCAGTGACTGCGAGAC AGGTTGTTTGTGAATATCTCGAACAAAAACCTGGTCAAGTTTGATGGCATCGAACGGAAAGCGCGCCAGTTGCGAAAGTG

TCATCATTCTCAATCAGACACTCTCTGTCAGTTCAACATCTATAGGGCAGTATTCAAAATTGAGTTCCTGGAGAACCTG TTTCAGGGCGGTGAAAATGGTTTGATCGGCGAGCTGACGTGCAGAAATATTTACCGCCACTCGCAGGTTTATGCCTTTAT  ${\sf TAGGAAATGAAGTCCAACGGTGGAATCAACCCACGTTCAGGTGACTGCCAACGTACTAGTGCTTCCAGACTGCGCACTTC}$ ATTGCTGTGTCGGCGTGACGAATAATAGCCGTGCTGTCTGAACCATGTTCGGGAGAGAGTGCAATACCTACTGAACAGCT GGTATAAACTTCAATTAAACCAATGCGAAAGGGGAGCCGTAAGCGGGTCAAAATTCGTGATGCCATTGCTTCCAGCGCGC TTTGTGAGGTGTTGGATGCCAGTACCAGAAACTCATCCCCACCTGGACGCCCAACACCTGGTCATGTTCGAGACAGCTT CAAATCAAGATACACCCCAACTTTATTGTTATCTGCATGATTAATAGCGTGATCGATTAAATCCTGCATTGCGTTAC GTGCCGGAACAGATTAAAAAAATCTCGTTTTTGCCACTGCCGCTGTGGACAAATTTATTGCGAAACAGAAACAGCCGCTG GCCTTTACATGTTGGTATCCACAGTTCGACTTCATATGCATTGCCGCTTCGAAAAAATACACGGTTATTGCGCCTGGATG  ${\tt CCGCAGCTTCACGACGGCTCATAAACAGTTTAAACACGCTTTGCCCAATGACGTCGTGTTCTTTCAACCCTGTGTAATCT}$ TCACATAACCGATTGAAGCGTTGGATATTCCCCCGGCTGTCGAGAATCACTATTGCGGAATGTGCTTCAGAAACTACCTG  $\tt CTCAGCAAAGGAAAGCCCGTGTGATAAATCACGAGCAACCGCCGGTGTGTCATGCCATGCCAGACGCCTTGCCAGCCCATT$  $\tt CCCGTTTATTGATTTTCGTCCTACCAGATGCACAGAAGATCGCTTTCATCGACGGTCAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCATCAGGCTGGAGACTCAGACTCAGGCTGGAGACTCAGACTCAGGCTGGAGACTCAGACTCAGGCTGGAGACTCAGACTCAGGCTGGAGACTCAGACTCAGGCTGGAGACTCAGACTCAGACTCAGACTCAGGCTGGAGACTCAGACTCAGACTCAGGCTGGAGACTCAGACTCAGACTCAGACTCAGACTCAGGCTGGAGACTCAGACTAGACTCAGACTCAGACTCAGACTCAGACTCAGACTCAGACTCAGACTCAGACTCAGACTCAGACACTCAGAC$ GGTAGAAAAGCGCAAAACATCGCTGCTTTCCGTCAACCGCCAGTATGGATTGTGCGATCCGAGAAAGTTGTACAACGTTG TGGGCCGTGAAAGGAGATTACGCGACCGGGCGCGCAATAATGCTGCGGGTTTCCATGCGGACTTCGGCAATAGTGACGTC AATAACGTCAGTCACTTTGTAAACCGTTTCACCTTTAATTTGTACAGTGCCGTTTTCCTGGCTGCAAACCAGTTCATCGC GCACAGCGTGTAAGAAAGGTGCCGGAATAAAGGCGATAGCGCCGTTATCAACCAAACGAACACGCATGCCGCCACGGCTG ATCACGTTCTGCCATCCGGTTGAGACGGCGACGCTCGGCCATTTGGACAGTGATTTCATCCTGTGGGCGCGTCGCAGTTT $\tt CGCCTTTGATAACCGCTTTCAGCAGACGGTGGTTGATCATGTCGCCATATTTACGGATCGGCGAAGTCCAGGTGGCGTAT$ GCTTCCAGACCGAGGCCAAAGTGAGGACCGGGTTCAGTGCTAATTTCAGCAAATGACTGGAAGCGACGAATGCGGCTGTC GAGGAAACCAGTTGGTTGCGCGTCCAGTTCACGACGCAGTTTGCAGAAACCGTCCAGCGTGAGCACTTCTTCGGCATCGA CATGCAGACCGTGCGTTTTCAGCAACGCTGCCAGCGCGTCGGCATTCGCCGGATCAAAGCCCATATGCACGTTATAGATG AATGCGACGAGGCTCGGCGACGATATCCAGCACTTCACCTTTTTCACCGAGAATAAAGCGGTAATCCGGGCGATCTTTAA TCACTTTCAGGCTGCCAGTCACCGGTATTTTCCAGCCAGTCAGAAACCTGGTCATACACCAGCTTTGCTTTGGATTCGAT GGTGGCGGCAAAGAATTCGATATTATCTTCAATGGTGCCATCAGCGGAGAGCGTCATGCGGCATGCCAGTACCGGGCGGA GTGAATGCGCGAATTTTCGCGGCTTTGTCCAGCTTGCTGCCTTCAGCAATCCACGCGGTTGGATCGGCAATCGCCACAAT  ${\tt CAAAATCCAGCGCGGTCAGATCTTCACGAACCAGACCTTCATCGAGCATTTCGGTAGCGACGCCGTCTGGTGCTTCTTTT}$ TCCAGATTATGGCGTGCAAGGGTAACCCACCACGGTACAAAGTGATCGTCACCAAAAGTGATGTATTGTGTCAGTTCTGC ATAGAAAGAACGATCGCCTTTCAGCGGATGACGGCGCATTTCGGCAACCGCCCAGTCGCCTTCTTTAAACTCGTGGTTCA TGAACCTTACCCACGAAACGAGTCAGGAACGGTTCAACCAGTTCTTCTGGCTCTGCGGATTCACGTTCTTTTTCACTGTG GATCACCGCGATAATTCGGTCGCCATGCATGACTTTTTTCATCTGCGGCGGCGGAATGAAATAACTTTTTTTGCGCGTCGA  AGCTGCGCTAGCAGCGGGTTGTCCTGAAACATAATTGTCTATTTTGGTGGCCATTAGAGCGGCTGACAGTTTTACGCGAA TCTGTCTGACGCGGCAAGGTTAATATGTCTCACCCAACGCGATTTTTAAGCGATTTATCCAGCCACACAGCCCGCTCCAT ACCAGCAGATTAATAATCTGCGTTGATGATTTTTCGTGTTCGAGTAAAGGGCTGAACTGGGCGGCGCTAAAGCGATCGGG TGCTCGGGTCAGCCATTGTATCGCCTGAACGGTAGCGCGCTCAACAGAATGACGGTCAGCCCATTGGTTAATTTCATTTT TTTATACGCGCGCATAACAACGCCGCAAGCTGATTATCCGGCTGTGTATTGCCCCGTGTGCTGTTTAACAACTTTTCGAG  ${\tt AAGGGAAAGTGAAATAGGGTGGAGAGAGTATTTCGGCCAGTTGGCAAAGTTCTGCAGTTGAACTTTTTGTGTGCTCTT}$  $\tt CAGGTAGTTTTTCCACCTCATAGCTGCTTCGCCAGCGTAATGATTCATCAGCAAACAGTGACGCGTCGGCGTAGTTTTGT$ ATCTCCAGCCCGGGTAACCAGCGTACCGGATGCCCGAGATAAGCCTGAAATGTCGCAATTGTCCGCGCCTGAAAGCCAAT  $\tt AAAACCAATGATTTGGCTAATGATCACACAGTCCCAGGCAGTAAGACCGACGTCATTCAGATGCTGGCGCGATCGGTTGT$ CGATAATAGAAGGCGAGCTAGCCAGTTGGCGGGCATATTGCGTGATTTGTGCCAACCGATGATTACTTTCCCTGGTGGAA TCAGGCCCGGGGAGCGCGTAAGTCGCGCCGAATAGTAGTTACATAACCGCTGGACGCCGCAAACCTGAGCAACCGTCAG GGCCGTCGACAAGCGTTCATAAGCGGTGAAGGTCTGTGAACGGGTCACGGTAAGCTGGTCAGGGAACAATCCACTGCAA GAACACGCGCAGGGTCCAGCCATGAAAGGAAGGGGGCCAGCGTTTCTTTTTCAAGGATCACGTCGAGTAGAAAGGGATCG TTTGCCGGTGATGTGGCGTTGTTCCATGGGCGCTCCTTGGTCGTAAAGGAAATCGTTATCCTGACGCAAGGCGGGAAGGG GAGAAAGACGGATCGGCGATAACAAATATCAGAAAGGTATAACAGAGATAACGGGCCGCCGAGAACGCCCCCCATCTTTACC AACAGAACGATTATTTCAGTTCGAGTTCGTTCATTGCAGCAATGCTGAAACCGCCGTCAACGTGGACCACTTCACCGGAG ATACCGGCAGAGATCGGAGCACAGGAATGCCGCAGAGTTACCCACATCTTCAATAGTAACGGTACGGCGAATCGGGGT TGGCGTTAACACGCACACCTTCCGGACCCATCGCGTTCGCCATATAGCGCACGTTCGCTTCCAGAGACGCTTTTGCCAGA  $\tt CCCATAACGTTGTAGTTCGGGATAGCGCGCTCAGCGCCAAGGTAGGAAAGGGTCAGCAGGGCAGAACCCGGATTCAGCAT$ GGAGCGGCAAGCTTTTGCCATTGCAACGAAGCTGTAGGAGCTGATGTCGTGGGCAATTTTGAAGCCTTCACGGGTAACGG CGTTAACATAGTCACCATCCAGCTGATCGCCAGGTGCAAAACCAATAGAGTGTACGAAACCGTCAAATTTCGGCCAAACT TTCCCCAGTTCAGCGAACATGGTGTCGATGCTGGCATCTTCTGCAACATCGCACTGCAGAACGATGTCAGAACCCAATTG AGCGGCAAATTCTTCTACGCGGCCTTTCAGTTTGTCGTTCTGGTAGGTGAATGCCAGTTCAGCTCCTTCGCGGTGCATCG GCTTTAATCCTTATTGTTGATGCTTGTTGTGCCTGAAAATCAGGCGATTCGTCGTTTTTAGTAAACAGTACGAACAGATAA TTTCCCCTCACCCTAACCCTCTCCCCAGAGGGGCGAGGGGACCGTATTGTGCAAATATTGTTACCCCAGCAACAACAGG CTCATACAGCCCCTAACCCTTTCATGGCGATGGCTGGGACGGTTCAGACCTTGCCGAATATTCTCCAGCACCGTCTCCAT GTTTTCACCACACACCTATTCGGCTCGGTCTGCCCCCTCGCTCTTTCAGGGAGAGGGTGACCGGCGGTTCAGTTCCTGC AAGCCAGCTAGTGCGCCTGGAATCATAGGCAACTGCTAAATCATGCTGCCCACCATCCAGCTCAACGACTACACGCGCCG AGCAGCAAGCAAAATCGAGAATGTAGCTCCCCACTGGATGTTGACGGCGAAATTTGAAATCACTAAAACGTCGGCTGCGA CTCATTCTGACAAGATTTAATCTTTTGTCAGAATGAGGTGAATAATCTGGAAGGAGGAGTTCAGAAAATTAGCGATCTTTA  ${\tt CGCCACGCATCCGCCGTCAATGCCTCGCCAAAATGACCGGCAATCAGCCGTTTGGTGAGTTCATGCAGCGGCGATGCCAG}$ CACATCCGCGGTGCTCGCTCGACAACCTCGCCCTGATGCATCACCAGCACCTGGTCGCTAATGTGCTTCATCATTC CGATATGCTGGGTAACATAAATATACGAAATGCCCTGTTTTTCCTGTAATTCCAGCATCAGATTAATCAACTGCGAACGC  ${\tt ACGCTGTTTTTGTCCGGGTGCCAACATATGCGGATAGTAACTGACGTGATCCGGTAGCAGCCCAACCATACGCATCGTTT}$  ${\tt CAATAATCTGTTTGCGACGCTGTTCCGGTTCCAGGTCGGTGTTCAGGCGCAGTGGAAAATCCAGAATTTGCGAGATACGT}$ TGACGGGGATTCAACGAGGTCGAAGGATCCTGAAAAATCATGCGAATACGCTGACTGCGAAGGAATAATCGCCAAAATG  ${\tt CCGAACCATTCTCGCCAATAATCGCCAGTGTCTGGCCTTCACGTAGCGTAAAGCTCAAGGGTTTTACCGCTTCTACGGTC}$ TGACGACGAAACCAGCCGGTCCGGTAGCGGAACGTTTTACTTAAATTACGCACTTCAAGCAGCGTTTCGATCATCTCACT  $\tt CTTTCTCCATGTTCAGCGGGAAATGACAGGCATAGAGATGATTTTTCGCCCCCGTCAAACGTGGCGTCACAATGCATTCT$ 

ATTGAGGCGACTTTTATGCGGCATCGCGCTGCCGAAGTCTGGTATCGCGCGGGATCAGCGCCTGGGTATAAGGATGATGTG GCATCGTCACCAACTCCTTACTCGGCGCGGTTTCCACTGTTTGACCGCAGTAAAGCACGTTAATTTTATCCGCCCATTGG  $\tt CTATCATCACTTTCTGACATTCACCTTCGGTCAACTCATAGGGAAAACTGCGCATCGCATCTTTGTGATCTTTAATCCCC$ GATGTTTTGCATCAACTGGCGGCCCACACGTTCTGAAGGGTCAAGACACGACTGCGGTTCCTGGAAAATCATCGACACGT TATGGCCAACCAGTTTGCGCCGTTCGCGTGCGGAGAGACGCAGCAAATCGATATCATCAAAACGCATACGGTCAGCAGTA ACACGCCAGTTATCTTTATTCACCCCACAAATCGCTTTCGCAATCAAACTCTTGCCGGAACCGGATTCACCAACAAGACC CCAACACACGCTAATCATAATTGCCGCACCTGGCAGCATGACAGTCCACGGGGCGACATAAATCAGTTCCAGCGCATCA  ${\tt CCGAGCATCGCTCCCCATTCAGGCGAGGGGAGTTGTGCGCCGAGATCGAGAAAGCCCAGCGCGCGATATCGAGAATTGC}$ TTGATGCGCCATCCAGACGGCGGCGATAACGTACTCTTTTTCCAGTTCGTCATGCACCATGCTGTAAATCGAACGTACC ATACGCGGCAGCAATGCCAGCCAGACAGCAAACATAGCGTGGGACAAACTCGGTCCGGCAAACGCTACAACGATAATTGC  $\tt CAACAGCAGCGAAGGGATCGCCAGTAAGGTATCCAGAATATGGTTAAGCACCGCTGAGCGGAGGCCGTGTGTCGCCCCGG$ CGGCGCCAATAATTGATAACCGAGAAATTGCTGGTCGATGCCGTAAGGCGCCAAAACCAGCCGCCAAAAATACACAGTACAG GGCGGCGCTTTTCGCTGTATACGCTATCGTAAGGCATACCATTCCTTATGTTTCAGAGGGTTAGCCATGGCACCCAAAA TATCAGAAATCACGTTAACAATAATGACCAGTGAGCCACACACCATCACTCCGGCGGAAATGGCTGCGTAATCCTGCTGG  ${\tt CGGATGGCGTTAATTAACCAGCGCCCTAAACCCGGCCAGCTAAAAACCATTTCGGTGATCATCGCCAGCGTCAGCATGGT}$ GGAAAACTGTAAGCCCAGGCGAGGAATAACCGGCGGTAACGCGTTATGCAGAACGTGGCGACGCAAAATAGTAAAGCGCG TCAGTTGTTGGCGCAACCGACAGGGTGATCACGGGCAATATCATATGGCGGATTGCGCTCATGATCATTTCATCCCGCCA TGGTGAGTCCGAAAGCCAGGCATCAATCAACGCAAAACCGGTAATCGGTTTCACTTCGTAGAGCAGATCGAAACGCCCTG AGTAAGGCGATGGCGTTGATCAAGTTATCCTGCCACTTATGGCGCGTAATCCCGGCAATCATCCCCACGGGGATGCCAAC GACCGTTAATGCTGGAAACACCAAAATCCCAGTGGATCAGGCCGTTAAACCAGAACACCCAGGCATTCCACAGTGACGCG CAAAATGCGGCGTAAGGTGAAGATAATCATGGTTTTTTCACCTCATCCTGTTTCTCGCGATACACCCCAGCAAAGGAGGC GTTACCAAACGGGCTAAGTACCAGACCTTTGATATCGTACCGATAGGCCTGCAAACGCAATGACGACGCCAGCGGCAAAA TGGGCAATTCCTGCGCCAGAATACTCTGCGCTTCGTCATAGGCTTCAATACGCGCCGCCAGCTGCTGCGAAGAGAGCGCC GCGCCTCCTGAAAGCGACCTTCTACCGGCACAATCACCACTTTTACGCCAACCTGCGCCATATCCGCCTGAATCAGTTCG GCAGTTTTCAGTGGACTGGGGTTCCACGCCTGCGAACGTGTGGGCACCCACAGTTTCAGCGTTAAATTTTCCAGCCCCAA GTAAAATAGAGGCCGCCGTTTCAGCCGTACCATAATAGATGGATTGCATCAGGCGCTGGTTATTAATCGCCAGTGCCAGC GCATGGCGGACAGCGGGATTATTTAGCGGCGGTTTTGGCGGTGTTAAATGCCAGATAGGCGACGTTCATCCCAGGACGCAG TCAGGAGTTTCGACAGACGTCCGGTGCCGCCGGAGCCTAAATCCACCACTACCTGCGGCATTAACGGTTTACCGCGCCAG AAGTCATCATGACGTTGTAGGCGAATAAATTGCCCGGCGGGTATTCCGACAACTGATACGGACCGGTGCCGACCGGTTG ACGGTCGAGTTGCTCCTGGCGATCTTCTTTCTCTAACTTCCGGGCATATTCTGCCGACATGACCGAAGCATAATGGGTTG  $\tt CGAGGTGCCACAAAAAAGAAGCATCCGGCTGGGCGAGTCGGAACTCAACGGTATGATTATCCAGTTTGCGGACGCTTTTC$  ${\tt ACGTTATCGGCAAATTGCAGGCTGTCGAAGTAGGGGAAGTTGCTGCCGTTGACGTTATGCCACGGGTTGTTGCGGTCAAA}$  ${\tt TAGGTATAGGGATCGACATCCAGCAGTCGATCATAAAACTGGGCGGCAAGGGTATCGACAATTAACCCACTGCTCGCTTT}$ GGATGGGTTAAAGGTGTTGACTTGCCCGCTGACGCAATAGACAAAACCGCTGTCGCGGATATCAGCATGCGGGGGAGATT CAGGCGCGCGATTGCCTGACCACTCACAAGTCCAGCAATCACCAAAAGAGACGATAATACCTGGCGCATAATATTAAGG GATTTTATGTAAAGAGGCTATCTTACTAATATTTAATGACATTTGCCATTACCGTTTGTGTTCAGGGGGTCGTAATGAGGG CAGATGCGGCGTGAACGCTTTATCCGGACAACGATACTGACCGATCGTCTGCAATTAAATCATTACTCATTACCCCATTG ATTCAAAAACTCTGCGATCTCATCAATGCGTACGGGATTAATCCCCGCTTCAGCAGCCATTTCATGTTGGGCTTCTTCGC TGATCTCTTCATTGTTCATCAAACGGGTGAGCAGTAACTGGAAGTAGTGGGCCAGCGGTGTGCGTTCAGCCTCTGCGACA GGCTCTGCGCATTCGGTCGCGTACTCATCGGCAATATCAAAATATTTTAGCGGGATATCGTGGTTCATTATTTGCCCCTG CGGCACTTTGCGATAGCGGCGGATCAGATACCATAAATATGCGCCGCCTAACGAAGCCCATACCAGACCGAGTGTCAGTG ACGTTGACTCGAGGTTAACCCACAGCACACCCACCGTCAGCGCGCCAACCAGCGGCATCAGCAAATAGTGGAAGTGATCC TTCCAGCTTTTATTCATTCCTTTACGCCGCCAGAAATGATTAAACACCGACAGATTCACGAAGGTAAACGCCACCAGAGC  ${\tt ACCGAAGTTAATTAACGCTGTGGCGGTAACTAAATCGAAGAACAGCGCCGACAACGCGACAATCCCGACCATAATGACGT}$ TGAGTGCCGGAGTCCGCCATTTTGGGTGCACATAGCCAAACACGCGCTCCGGAAACACATTGTCACGCCCCATCACATAC AGCAGACGCGACACGCTGGCATGTGAAGCCAGGCCAGAGGCTAACGTGTTCACAAACGTGGTGCAGAGGAAAATCGACTG GAAGACTTGCCGCCGACGTACAGCGCAATTTCAGGCAGTGCGGCATCCGGATCTTTAAAGCGGCTGATATCGGGAAAGA ACAGCTGCATAAAGAACGACGCCGCGATAAAGATAACGCCACCGTAGACCGCCGTCAGGAAGATGGCTTTCGGGATCACG GGTAATAATCGGGATCAGGTGCGCGTTCTCGCTGATAAACGGCTGAAGTGACCAGACGGTGCCAACGCCTTCTCCTTTAT GCAGTCCCTGAACTACCAGGAAGATAAACACCACCATGATGGAGATTTGCACCAGTACAAACAGGGTATTGAAGTTAGCG GAAGAGGCGGAGAGATAGATTTTCGCCAACAAGACGTTAATCATCGGCAAAAAGAGATAATCCAGCAGCGATGACCAGC AGTTTGCCGTAGCTGATAGCGGTAAACAGCACCCCCCCAGCGCAAATAGGACGCCGGAACGTGACCGTCGCTAAT GCCGGAGACAATACCAAAAGTATCAAATACGGTCATCGGCGTGAGATAGGCCAGACCCATCATCACCACCTGCCACAATT TCAGTGATTTTCGCAGACGGGTTTTGCCGGGTTGCGCAGCAATATTCAGTGGTGAATTAATAGCCATAATTGCTGCCTCC AGTCTTAATCGTTAACGGAAGCCCGTTGCCGCCCCGCCTCCATAACGCGACATCCGGGAAATGTCTGGATTACCAGCAAA TGTCAGGCCTGGCTCAGGCCGATGAAACAACCCCGCAAGGGGTATTACGCGTTTTTCAACATCCACTCAATTTCT GTTTCTGTGATGAGGCGCTCAAACTGCAACAGCTCATCATTTTTACAGGCGTGATAGACATGGCAGAAGCGTTCGCCTAA ATAGCGGCGCAGGTGATCATTCTCGATAAACTCACCCAGGGCATCGCTCTGGCGAATCGGAAAGGGTAAGCCTTCCTGTT ATCACCAGATATGGGTTGGCATCGGCACCCGCCACGCGATATTCCACGCGGTGATTATGACGGTCGCCGCACGGAATACG TCACGTTTGGTGCCAGCAACGCCATCGACGACGGCATCAGGTCAATCATCCCGGCGAGCATCTTTTTCAGCAGCGGCGAA TCTTCGCCTTCCGCGTCAGAAAGCACGTTCTCGCCACGATTATTTTGCATACTGATATGGATATGCATTCCGCTGCCCGC GTGCTCTTCATACGGCTTCGCCATAAAAGTGGCGTGCATCTTATGCTTTTCTGCCATCAGACGCACCAGGCGTTTTAGTG ATCAACGGAGTAAACCTGGCTTTGTGTATTGCGGTCATCGGTGCCAGGCGCGCAGGGCGGTTGCAGATACCCTTCAGCGT CGCGCTGGCGATCCAGTAAATAGAACTCCAGCTCTACCGCTACGACCGGGAACAATCCGCGCTGGCGCAGCTGCTGCCAC  $\tt CCAGACCTGCTTCTTCTACTACGTTGCCCAGAATATCCATTGCAAATACCGAGGCCGGGAAATAACACCCTTTCTCGAGC$ ATTCGGGTAGCGCTCCAGGTAGCGTTTCACTTCCTGCGTAAAGGCGCTACCCCGCCTCTCTTCTGACTGCTGAACAAAGT TCTCTACTTCAACGATATTGGTTTCCATGATTCTTCGCCTTTGGTTTTCCGCTCGTTATCAAAGCGTAAAATATAA TGACCACCATTCGAATCTGTATGCAAACTAAATGTTTGTCAAATGTTAAATTGAGTTTGCAAAAATGAAAACCCACTGCT AGATTGAAAAAATATTGAACATAAAGGTCATTTAAAGCGCAGTAATGGCGATAATTTAGTCCACTTTGTGAGATTGAGCA TGGAAAATATAATGAACAATCCGGTTATCGGTGTCGTAATGTGCAGGAACAGGCTTAAGGGTCATGCGACCCAGACTCTG ACTTGAACAACTTTTGCCGAAACTCGATGGCATTTATCTTCCTGGTAGTCCCAGCAATGTGCAGCCGCACCTATATGGTG TTGAAGAGGGGGGATTACTGTCTGCGTTGTTACCTGAATGTAGCAACTTTTGGGTAAACTCTCTACATGGACAAGGGGCG TTTTGCGCTGGGCGTACAGTGGCACCCGGAATGGAACAGTAGCGAGTACGCGCTTTCGCGTATATTGTTCGAGGGCTTTA TCACCGCTTGTCAGCACCATATCGCTGAAAAACAGCGACTCTGACCACTACAGTTTAAGGAAATGCAAATATGAGTGATG  ${\tt AGGGACTGGCGCCAGGAAAACGCTTGTCGGAAATCCGCCAGCAGCAGGGGGCTTTCACAACGTCGTGCCGCCGAACTCTCCC}$ GGGCTGACTCACAGTGCTATCAGTACGATAGAACAAGATAAAGTCAGCCCTGCCATCAGTACGCTGCAAAAGCTGCTGAA GGTGTATGGTCTGTCACTCTCGGAATTCTTTTCCGAGCCGGAAAAACCTGATGAGCCGCAGGTCGTCATTAATCAGGACG ACTTAATTGAGATGGGTAGTCAGGGTGTCAATGAAGCTGGTTCATAACGGTAACCCGAATCGCACGCTGGCGATGATC TTTGAAACGTACCAGCCGGGCACAACCACTGGGGAAAGAATTAAGCATCAGGGTGAGGAAATAGGCACTGTACTGGAAGG TGAAATTGTTCTGACGATTAATGGTCAGGATTACCACCTCGTCGCGGGGCAAAGTTATGCCATTAATACCGGCATCCCGC  ${\tt ACAGTTTCAGTAATACGTCGGCAGGTATTTGCCGAATTATCAGCGCCCATACGCCCACCACGTTTTAATCTTTTTGTTCT}$ GTAAGCCGGGTAAGCGCAATGCGCCCGGCAATCTATACACAAAATCATTCAAGTTGCATCAAGGCGGCAAGTGAGCGAAT TAAAGAATGTCGCCAGAAATAAACGGGCATACGGCCCGGGGATCTCTGCGCCCTGACGTTCACAAACTGCATATATCTGA TAGACGTGAAACAGGAGTCATAATGAATTTTCATCATCTGGCTTACTGGCAGGATAAAGCGTTAAGTCTCGCCATTGAAA GCCATTCGCTGGTACGCCGAAGCGATCGACAAAGTGTATGGCGAAGTGGCGACCACCAGTAGCCATGAGCTGGCGATGAT  $\tt CGTGCGTGAACCGGTCGTGATTGCCGCCATCGTGCAACTTCCCGCTGTTGCTGACTTGCTGGAAACTCGGCC$ GCGAAAGAAGCAGGCTTGCCGGATGGTGTTGAACGTGGTGACGGGTTTTTGGTCATGAAGCCGGGCAGGCGCTGTCGCG TCATAACGATATCGACGCCATTGCCTTTACCGGTTCAACCCGTACCGGGAAACAGCTGCTGAAAGATGCGGGCGACAGCA GCAAGCGCCACCGCAGCAGGCATTTTCTACAACCAGGGACAGGTGTGCATCGCCGGAACGCGCCTGTTGCTGGAAGAGAG TTGTTGGATGGCCGTAACGCCGGGCTGCCGCCATCGGCCCGACCATCTTTGTGGATGTGGACCCGAATGCGTCCTT AAGTCGCGAAGAGATTTTCGGTCCGGTGCTGGTGGTCACGCGTTTCACATCAGAAGAACAGGCGCTACAGCTTGCCAACG GGTTCCGTCTCGTCAATAACTACAACGACGGCGATATGACCGTGCCGTTTTGGCGGCTATAAGCAGAGCGGCAACGGTCG CGACAAATCCCTGCATGCCCTTGAAAAATTCACTGAACTGAAAACCATCTGGATAAGCCTGGAGGCCTGAAATGACCGAA  $\tt CATACCAGCAGTTACTACGCCGCCAGTGCGAATAAATATGCACCATTCGACACGCTGAATGAGTCAATCACCTGCGACGT$ TTGCGTGGTTGGCGGCGCTATACCGGGCTCTCCTCCGCGCTGCATCTGGCGGAAGCGGGCTTTGACGTAGTGGTTCTCG AAGCCTCACGCATCGGCTTTGGCGCAAGCGGGCGCAATGGCGGACAGCTTGTGAACTCCTACAGCCGCGACATCGACGTG ATCGAAAAAAGCTACGGCATGGACACCGCCCGTATGCTCGGCAGCATGATGTTCGAAGGTGGTGAGATCATCCGCGAACG TTGAAGAGCAGAAAGAGAACTGGGAACGCTACGGCAATAAACAGCTGGAATTGCTGGACGCCAACGCCATTCGCCGTGAA GTAGCCAGCGATCGCTATACCGGTGCGCTGCTGGATCACAGCGGTGGGCATATTCATCCGCTAAACCTTGCCATTGGCGA AGCGGACGCCATCCGCCTCAACGGCGGCGCGTGTATGAACTTTCTGCCGTGACGCAGATCCAGCACACCACGCCAGCCG TTGTGCGAACTGCCAAAGGTCAGGTGACGGCGAAGTATGTGATTGTCGCCGGGAATGCGTATCTGGGCGATAAAGTAGAG  ${\tt CCGGAACTGCCGAGCATGCCGTGCGCACGCAGGTGATCACCACCGAACGGCTGTCGGAAGATTTAGCCCGTTC}$ GCTGATCCCGAAAAACTACTGTGTGGAAGACTGTAACTATCTGCTTGATTACTACCGTCTTACCGCCGACAACCGCCTGC TGTACGGCGGCGCGTGGTCTACGGCGCGCGCGCGCGATGACGTTGAGCGCCTTGTGGTGCCGAAACTGCTGAAAACC TTCCCGCAGCTGAAGGGCGTGAAAATTGATTACCGCTGGACGGCCAACTTCCTGCTGACCCTGTCGCGTATGCCGCAGTT TGGTCGCCTCGATACCAACATCTATTACATGCAGGGCTACAGCGGCCACGGCGTGACCTGTACTCATCTAGCCGGACGTT TGATTGCCGAACTGCTGCGCGGCGACGCCGAACGTTTCGATGCCTTCGCCAATCTGCCGCATTACCCGTTCCCCGGCGGG TAACCGTGAAGAGTCAAAAGGTGTGAAACATGAGCAACAATGAATTCCATCAGCGTCGTCTTTCTGCCACTCCGCGGGG GTTGGCGTGATGTGTAACTTCTTCGCCCAGTCGGCTGAAAACGCCACGCTGAAGGATGTTGAGGGCAACGAGTACATCGA TTTCGCCGCAGGCATTGCGGTGCTGAATACCGGACATCGCCACCCTGATCTGGTCGCGGCGGTGGAGCAGCAACTGCAAC AGTTTACCCACACCGCGTATCAGATTGTGCCGTATGAAAGCTACGTCACCCTGGCGGAGAAAATCAACGCCCTTGCCCCG GTGAGCGGGCAGACCAAAACCGCGTTCTTCACCACCGGTGCGGAAGCGGTGGAAAACGCGGTGAAAATTGCTCGCGCCCA TTGCGCCGTACAAAATCGGCTTCGGCCCGTTCCCTGGTTCGGTGTATCACGTACCTTATCCGTCAGATTTACACGGCATT  ${\tt TCAACACAGGACTCCCTCGACGCCATCGAACGCTTGTTTAAATCAGACATCGAAGCGAGGAGGCGGCGGCGATTATTTT}$  ${\tt ACGGTATTGTGATGATGATGAAGTGCAAAGCGGCTTTGCGCGTACCGGTAAGCTGTTTGCCATGGATCATTACGCC}$ TATGGACGCACCCGCGCGGGGGGGCTTGGCGGCACCTACGCCGGTAACCCGCTGGCGGTGGCTGCCGCGCACGCGGTGC  ${\tt ACGGCAACGTGATTCGCTTCTGTATCCGCTGACCATCCCGGATGCGCAATTCGATGCGCAATGAAAATTTTGCAGGAT}$ GCGCTGAGCGATTAATAGCCCAACGCAATAATGTCTGATGCGCTGCGCTTATCAGGCCTGCAAACGACGTATTGATTATG TATGCCGAATAAAGCATTCACGCCGCATCCGGCAAGTTGTATTGCTCAACTTCGCTAAATCTGGTGCTTTTTCAACAACG CGCGGAACTGATGATAAGTTAACCCCAGTAATTCAGCCGCGCGCTTCTGGTTATATTTCCCTTGTTGCAAACTGAGTTGC AGCAACTCTTTTTCCTGCTGCATCTGAAACTCACGTAAATCCAGCGGCAGTGTTGGAAGCGAGGTGTTTCTGAAACGGCGATAGCGTCTTCAGGCGGACGCCGTTTAAAGGGATCAATAATGATGTCATCAAGCGGATAATCGCTGGTGCCGTGGCGAT
TCCGTAAACCCCGGGAACAGAGGCAGCTTGATTTCCCGACACATCTGGATGGCAAAGTATTCTGCCATCAACATTATGTC CATTGACCATCGCCGGGAGATCGGCATTCGTCGCGCATACCAACCGCACATTCACCTGCAATGGTTGGCTGCCGCCAACG  $\tt CGCTCCAGTTCACCGTACTCAATCACGCGCAATAATTTCTCCTGCACCATCATCGGTGCCGTAGCGAGTTCATCAAGAAA$ TAGCGTACCGCCGTCGGCACGTTCAAATCTCCCTGGATGACGTTTTTTGCGCACCGGTAAACGCCCCCGCTTCGTGACCAA TAATGCAGGCGGCTGGCAATCAGCTCTTTACCGGTGCCGCGTTCGCCGATGATGAGCACCGGTTTGTCCAGCGGTGCGAG ATGCGAAACCTGTTCCAGCACTTCGAGAAAGCTGTTCGCCTCACCAAGTAAATTATCTTTGTATTCTGCCATGATGAAAT TCGCCACTTGTTAGTGTAATTCGCTAACTCATCCTGGCATGTTGCTGTTGATTCTTCAATCAGATCTTTATAAATCAAAA AGATAAAAAATTGGCACGCAAATTGTATTAACAGTTCAGCAGGACAATCCTGAACGCAGAAATCAAGAGGACAACATTAT GGGTATTTTTTCTCGCTTTGCCGACATCGTGAATGCCAACATCAACGCTCTGTTAGAGAAAGCGGAAGATCCACAGAAAC AAACAGCTGACTCGCCGTATTGAACAAGCGTCGGCGCTGAGGTTGAATGGCAGGAAAAAGCCGAACTGGCGCTGCTGAA AGAGAGAGAGGATCTGGCACGTGCAGCGTTAATTGAAAAACAGAAACTGACCGATCTGATTAAGTCCCTGGAACATGAAG TGACGCTGGTGGACGATACGCTGGCACGCATGAAGAAGAGATTGGCGAGCTGGAAAACAAATTGAGCGAAACACCGCGCT GGATGAAGCAATGGCTCGTTTCGAATCTTTCGAACGTCGTATTGACCAGATGGAAGCGGAAGCAGAAAGCCACAGCTTCG GTAAACAAAAATCGCTGGACGATCAGTTTGCCGAACTGAAAGCCGATGATGCAATCAGCGAACAACTGGCACAATTAAAA GCCAAAATGAAGCAAGACAATCAATAACATCCAGGCGGCGTCCGAACGCGCCGCCGCTCATCGTCTAAGGAGTACTT ATGAGCGCGCTATTTCTGGCTATTCCGTTAACCATTTTTGTGCTGTTTTGTTTTTACCGATCTGGTTATGGCTGCATTACAG CAATCGTTCTGGTCGCAGTGAATTGTCGCAAAGTGAGCAGCAGCAGCAGCACTGGCTGATGAAGCAAAACGGATGC  ${\tt GCGAACGTATTCAGGCGCTGGAATCTATTCTTGATGCAGAACATCCGAACTGGAGGGATCGCTAATGGCGGGCATTAATC}$ TCAATAAAAAATTATGGCGTATTCCACAGCAGGGCATGGTCCGCGGCGTCTGCGCCGGGATTGCCAACTATTTTGATGTA  ${\tt CCGGTAAAACTGGTGCGTATCCTGGTGGTGCTGTCGATTTTCTTCGGTCTGGCGCTGTTTACCCTGGTTGCTTACATCAT}$ TTTGTCATTTGCGCTTGATCCAATGCCGGACAACATGGCCTTTGGTGAGCAGCTACCTTCCAGCAGCGAATTGCTGGATG  ${\tt AAGTCGACCGTGAACTGGCGGCAAGTGAAACGCGTTTACGCGAGATGGAACGTTATGTCACTTCCGATACTTTCACGTTA}$  $\tt CGTAGCCGTTTCCGTCAACTGTGAGGAAAGTTATGAATACTCGCTGGCAACAGGCCGGCAAAAGGTAAAGCCTGGTTTC$ AAATTAGCAGGCAAGCTGGTACTTCTTACCGCACTGCGCTATGGCCCGGCGGGTGTGGCGGGCTGGGCGATAAAATCAGT TGCTCGCCGACCGCTGAAAATGTTGCTGGCTGTGGCGCTGGAACCGCTGTTAAGTCGGGCTGCTAATAAACTGGCACAGC AGATCCTTAGCGAGATGGGATATACCCACGTTGAGAACGCCGGTGGCCTGAAAGACATCGCAATGCCGAAGGTCAAAGGT CGTCAGCTCACAAATACGCTTTTTCCCTGGTAAAAAATGATTTCCTGCGTGACTAAAACCCTTGTGCTCAATTGACAGTT TATTTTCTGCGGAGTAGTCTCTCGTTTCATGGGACCGCTACCACGGAAAGGCAACATGAAACAGAAAATTACGGATTACC TGGACGAAATCTACGGTGGAACATTTACCGCAACTCATTTACAGAAACTTGTAACGCGTCTTGAGAGTGCGAAACGATTA ATTACACAGCGACGTAAAAAACACTGGGATGAAAGTGATGTCGTGTTAATTACCTATGCCGATCAATTTCACAGCAATGA TTTAAAACCATTACCCACATTTAATCAGTTTTACCATCAATGGCTGCAAAGCATTTTTTCACATGTTCATTTGTTGCCGT ATTCAGCAACTCGGTGAATGCAGTCATTTAATGTTTGATTTTGTCTGCAACCATATGTCGGCAAAAAGTGAATGGTTTAA GCCCGCGTGCGTTACCGTTATTAACGCCATTCCAGATGCGCGATCATTCAACGCGCCATTTATGGACCACCTTTAGTGAC GATCAAATTGACCTGAATTACCGTAGCCCTGAAGTGTTGCTGGCGATGGTGGATGTTTTACTCTGTTACCTTGCGAAAGG ATCTGATTATCAAACTGTTACGGTCGATTATTGATAACGTTGCGCCAGGTACAGTGATCATTACCGAGACCAATGTTCCG  $\tt CATAAAGACAACATTGCTTACTTTGGCGCAGGCGATGACGAAGCACATATGGTGTACCAGTTCTCGCTGCCGCCACTGGT$ GCTGCATGCGGTGCAAAAACAGAACGTTGAGGCGCTTTGTGCGTGGGCGCAAAACCTGACACTACCTTCCAGCAACACCA GAGCTGGTCGAGGCGTTACAGCAGGAAGGTGCATTAGTAAACTGGAAAAATAATCCCGACGGTACACGCAGTCCGTATGA GTCGAAAAACTCGGATATAACCGTGCGATTAACCGTAAAAAATATCACAGTAAAGAGATAACCCGAGAACTGAACGATGA AGCTACATTAAGGCATGCGGTATATCATGAGTTGTCGCGTTTAATTACACTTCGTCGCAGCCATAACGAGTTTCATCCGG ATAATAATTTTACCATTGATACGATTAATTCATCCGTAATGCGTATTCCAAGAAGTAACGCTGATGGTAATTGTCTGACT GGATTGTTTAATGTCAGTAAAAATATTCAGCATGTAAATATTACTAATCTGCATGGTCGGGATCTGATTAGTGAAGTTGA   $\tt CTGGCATCACCGTTAAGCAAGTGCCCGTGGAAGAAGATGCCTATAACACTAAAGTCATTACTCTTTCACGTAGCGGTTCG$ GGACCGGTGTTCCTGTCAGCGCCTGGATTGGCGGTATCTGGTATCGCAAAGATGTGCTGGCAAAAGCGGGGCTTGAGGAG  ${\tt CCGAAAAACTGGCAACAGCTGCTGGACGTTGCACAGAAACTGAATGACCCGGCGAATAAAAAAATACGGCATTGCGCTGCC}$ TACAGCAGAAAGCGTGTTGACGGAACAATCCTTCTCCCAGTTTGCGTTATCCAACCAGGCTAACGTCTTTAACGCCGAAG GCAAAATCACCCTTGATACACCAGAGATGATGCAGGCACTGACCTATTACCGCGACCTTACTGCCAACACTATGCCGGGT TCTAACGACATCATGGAAGTGAAAGACGCCTTTATGAACGGCACCGCCGATGGCGATTTACTCCACCTATATCCTTCC GGCTGTGATTAAAGAAGGCGACCCGAAAAACGTCGGTTTCGTGGTGCCAACCGAGAAAAACTCTGCGGTCTACGGCATGT TGACCTCGCTGACCATTACCGCCGGGCAAAAGACCGAAGAGACGGAAGCAGCAGAAAAATTTGTCACCTTTATGGAGCAG GCAGACAACATTGCCGACTGGGTGATGTCGCCAGGTGCTGCCGCTGCCGGTGAATAAAGCGGTGGTGACTACCGCCAC  $\tt CTGGAAAGACAACGACGTTATTAAGGCGCTGGGTGAACTACCGAATCAGCTAATCGGTGAACTGCCAAATATTCAGGTTT$  $\tt TTGGCGCAGTAGGGGATAAAAACTTTACCCGCATGGGTGATGTGACGGGTTCTGGCGTGAGTTCAATGGTGCATAAC$ GTCACCGTGGGTAAAGCCGATCTCTCTACTACGCTGCAAGCGAGCCAGAAAAAACTGGATGAACTGATCGAACAGCACTA ATCCCAACATCGAGTCAACGTTTGTTGGGGTGAGCAACTATGTGCGTATCCTCTCCGATCCCGGCTTCTGGCATTCGCTG  $\tt CGAGTTCCGCCTGCGCAAAACCGCGCGTTCGCTGGTGATCCTCTCCTACGTAACGCCGTCCATTTCGCTGGTGTTCGCCT$ GGAAATACATGTTCAACAACGGCTACGGCATTGTTAACTACCTCGGCGTCGATCTTCTGCATCTCTATGAGCAGGCACCG  ${\tt CTGTGGTTCGATAATCCGGGCAGTAGCTTTGTGCTGGTGGTGCTGTTCGCCATCTGGCGCTACTTCCCGTATGCCTTTAT}$ GGTTTCGTATCGTCACGCTGCCCGCAATTATGCCGGTCCTGGCGACGGTGGTGACACTGCGCACCATCTGGATGTTCTAC ATGTTCGCGGATGTTTATTTGCTGACGACCAAGGTCGATATTCTCGGTGTATATCTCTACAAAACCGCCTTTGCCTTTAA TGATTTAGGAAAAGCGGCGGCGATCTCGGTGGTGCTCTTCATCATTATTTTCGCTGTCATTCTTCTGCTGACCAGGAAACGGG TGAACCTCAATGGCAACAAATAAACGCACACTCAGTCGCATCGGTTTTTACTGCGGGCTGGCGCTGTTTCTCATCATCAC GCTGTTTCCATTTTTTGTGATGCTGATGACCTCGTTCAAGGGCGCGAAAGAGGCGATCTCACTGCATCCTACGCTGCTGC  $\tt CGCAGCAGTGGACGCTGGAGCATTACGTCGACATTTTTAACCCGATGATTTTTCCCGTTTGTCGACTACTTCCGTAACAGT$ TAAAGGTCGGATGACCATCAACGCCAGCTTTTACACGGTGTATATGTTCTCTGGCATTTTTGCTGGTGGTGCCGCTTTTCA GGAACGACTATCTGTTTGCGTCGATTTTCCTCTCCAGCGCCAGCAATTTCACCTTACCGGTGGGCCTGAACGCGCTGTTC  ${\tt TTCGGAACGTTTTATTAAGAGTGGTTTGACCGCCGGTGGCGTGAAGGGCTAAAGCGGCCAGTTTCTTTACAAGGAGTTTT}$ AAATGAAAAAGTTAGTAGCCACAGCACCGCGTGTTGCTGCGCTGGTTGAGTATGAAGATCGGGCGATTTTAGCTAATGAA GTGAAGATCCGCGTGCGTTTCGGCGCACCGAAACACGGAACGGAACTGGTCGACTTCCGCGCCGCCAGCCCGTTTATTGA TGAAGACTTTAACGGCGAATGGCAGATGTTCACTCCGCGTCCGGCAGATGCGCCGCGCGCATTGAGTTTGGCAAATTCC AGCTTGGCAACATGGTGGTTGGCGACATTATCGAGTGCGGCAGCGTTACCGACTACGCGGTGGGCGACAGCGTATGC GGCTACGGCCCGCTCTCCGAGACGGTCATCATTAACGCAGTGAATAACTACAAGCTGCGCAAAATGCCGCAAGGCAGCTC TTGTGGTGGTGGTAGGGCTTGGCGCAATCGGTCAAATTGCCATCCAACTGGCTAAACGCGCTGGCGCTTCTGTGGTGATT GGCGTCGATCCTATCGCCCATCGCTGTGATATTGCCCGTCGCCACGGCGCGGGATTTCTGCCTTAACCCCATCGGCACTGA TGTAGGTAAAGAGATCAAAACGCTGACCGGCAAGCAGGGTGCCGATGTGATTATCGAAACCAGCGGCTACGCCGACGCCG TGCAATCGGCGCTCCGCGGTCTGGCCTATGGCGGCACCATCTCCTATGTCGCGTTTGCCAAGCCGTTTGCCGAAGGTTTT AACCTCGGACGCGAAGCGCATTTCAATAACGCCAAAATTGTCTTCTCTCGCGCGTGCAGCGAACCGGACCCGGATTATCC GCGCTGGAGCCGCAAGCGTATTGAAGAAACCTGTTGGGAACTGCTGATGAACGGTTATCTCAATTGCGAAGATTTAATCG GGCGTTACGTTTTAATTCAAAGGAATGAAAAAATGAAAATCGGCACACAGAATCAGGCGTTCTTTCCGGAAAACATTCT  $\operatorname{\mathsf{GGAGAAATTTCGTTATATCAAAGAGATGGGCTTCGATGGTTTTGAGATTGACGCCAAACTGCTGGTTAACAACATCGAAG$ ATCGAAGAGCGTCGTCTTAATGGCTTAAAGCAGATCGAGCGCATTCTCGAAGCGCTGGCAGAAGTGGGCGGTAAAGGCAT AAATGGTGAGTGATTCCCTGCGCGTACTGGAACAGGTCGCCGCGCGTACCGGAACCGTGGTGTATCTCGAACCGTTAAAC CGCTATCAGGATCATATGATCAACACCCTCGCCGATGCCCGCCGTTACATCGTCGAAAACGATCTTAAACATGTACAGAT TATCGGCGATTTCTATCACATGAATATCGAAGAAGATAACCTGGCGCAGGCGCTGCATGACAACCGCGACCTGCTCGGTC ATGTGCATATTGCGGATAACCATCGCTACCAGCCGGCAGCGGCACCCTGGATTTCCACGCGCTGTTTGAACAGCTGCGC  $\tt GCGGATAACTATCAGGGCTATGTAGTGTACGAAGGGCGTATCCGGGCGGAAGATCCTGCCCAGGCGTACCGTGATTCGTT$ GGCCTGGTTGCGTACCTGCTAAGAGGTCTTTGTGAAAAGTGCAATGACAAGCTCTCCGCTGCGGGTCGCGATAATAGGCG GGTGAAACCTGATGTGGTTAGCGTCTGCTCACCTAACCGTTTTCATTACGAACATACCCTGATGGCACTGGAAGCGGGCT GCCATGTGATGTGCGAAAAACCGCCCGCCATGACGCCAGAACAGGCGCGGGAAATGTGCGATACCGCGCGCAAACTGGGC  ${\tt AAGGTGCTGGCCTACGACTTTCACCATCGTTTTGCGCTCGATACGCAACAGCTGCGTGAACAGGTGACCAACGGCGTTTT}$ AAAAGCGTGAATGCGCATAGCTTTCAAAAGATCGGCACGCAAAAGAGCTGTGGTCAATTTGGTGAGTGGGATCCGGCAAC TTACAGCGTCGAAGATTCGCTGTTTGGCACCATTGAATTTCATAACGGCGGCATTCTGTGGCTGGAAACGTCATTTGCAC TCAACATCCGCGAACAGTCGATTATGAACGTCAGCTTTTGTGGTGATAAAGCTGGTGCGACGCTGTTTCCAGCACATATC TACACCGATAACAACGGTGAATTAATGACGCTGATGCAACGGGAAATAGCAGACGACAACCGCCATTTGCGCAGCATGGA AGCCTTTATCAATCACGTACAGGGCAAGCCCGTGATGATAGCCGACGCCGAGCAGGGGTACATCATCCAGCAACTGGTGG GAACCTGCCTGATGTCGTGGGGATGGAGATTGCCATAAATGGTGAGGTTTTCTCGTTATCCCACGAAGCCTGGCAGCGTG AGCTTGACTTTGCCAGTGGCGAATTACGCCGCAATGTTGTCTGGCGTACCAGCAACGGCTCAGGTTACACCATCGCCAGC CGTCGCTTTGTTTCGGCAGACCAACTGCCGCTCATTGCGCTGGAAATCACTATTACGCCACTGGACGCCGACGCGTCAGT GCTGATTTCAACAGGCATTGACGCCACGCAAACCAATCACGGTCGCCAACATCTCGACGAAACCCAGGTGCGGGTGTTTG GTCAGCATCTGATGCAGGGGAGCTACACCACCCAGGATGGACGCAGTGATGTGGCCATCAGCTGTTGCTGTAAGGTGAGC GGTGATGTGCAGCAATGCTATACCGCCAAAGAGCGCCGTTTACTGCAACATACCAGTGCGCAGCTTCATGCAGGCGAGAC AATGACGTTGCAAAAACTGGTGTGGATCGACTGGCGGGATGACAGCTGCTTTAGACGAGTGGGCAGCGCGTCGC TTCGCCAGCTTGAAATGTGCGCGCAGCAGAGTTACGACCAACTTCTTGCAGCATCAACAGAAAACTGGCGTCAATGGTGG CAGAAACGTCGTATCACGGTAAATGGCGGCGAAGCGCACGATCAGCAAGCGTTAGATTATGCGCTTTATCATCTGCGCAT  $\tt CATGACGCCTGCCCACGACGAGCGCAGCAGCATTGCGGCAAAAGGCTTAACCGGCGAAGGCTACAAAGGCCACGTTTTCT$ GGGATACAGAAGTATTTTTGTTACCGTTTCATCTGTTTAGCGATCCGACGGTTGCCCGAAGTTTACTGCGTTATCGCTGG AACATCATCTGGTGGCCGATATCGCCTGGGCGGTTATTCAATACTGGCAGACCACGGGGGATGAAAGTTTCATTGCGCAT GAAGGCATGGCGCTACTTCTGGAGACGGCAAAGTTCTGGATTAGCCGCGCGGTGAGAGTTAACGATCGTCTGGAAATTCA TGATGTTATTGGGCCAGACGAATATACCGAACATGTCAATAATAATGCATACACCAGCTATATGGCCCGCTACAACGTTC AACAGGCGCTGAATATTGCCCGCCAGTTCGGCTGTAGCGACGATGCGTTTATCCATCGCGCCGAAATGTTCCTCAAAGAG GAAATACAAAGCGGCGGGGGAAGCAAACCATACTGCTGGATTATTCACGCGCAGAAGTGAACGAGATGCAGATCCTCA TATGAACCGCGCACTATTCACGACTCGTCATTAAGTAAAGCAATCCACGGCATTGTTGCCGCACGCTGTGGCCTGCTGAC  ${\tt CCAAAGTTATCAGTTCTGGCGCGAGGGGACTGAAATCGATCTTGGTGCTGATCCGCATAGTTGTGATGATGGTATCCATG}$  $\tt CTGCCGCAACTGGCGGTGAGCGGGGGGGGGTTTTGCCGGGGTGAGCGTGACGGTGAATTGCATCTC$ AATCCGGCGTTACCTGAGCAGTGGCAACAGTTGTCTTTCCCTCTGTTCTGGCAGGGCTGCGAATTACAGGTCACTCTTGA  $\tt CGCGCAGCGTATTGCGATTCGAACTTCTGCGCCCGTTTCACTGCGTTTGAACGGTCAGCTTATAACCGTGGCTGAAGAAT$ GGGTAATTTTCGATCTGGATGGTGTAATCACCGATACCGCGCATCTGCATTTCCAGGCGTGGCAGCAGATTGCCGCTGAA  ${\tt ACACGGGGGCAAAGAGGGCGACTTTAACTCGCAGGAGAGGGCGCAACTGGCGTATCGCAAAAAATCTGCTCTATGTCCACT}$ CACTACGCGAGTTGACGGTCAACGCTGTTCTACCCGGCATTCGCTCTTTGCTGGCAGATCTCCGTGCACAGCAGATCTCG GGATGCTTCCCAACTTAAAAACTCGAAACCGGACCCGGAAATCTTTCTCGCCGCCTGTGCAGGGCTGGGGCGTGCCGCCGC CGTATAGCAAAGGAATCAACATGGCTCAGCTTTCGTTACAACATATTCAAAAAATCTACGATAACCAGGTGCATGTGGTG  ${\tt
AAGGACTTCAACCTGGAAATTGCCGATAAAGAGTTCATCGTGTTTTGTCGGCCCGTCGGGCTGCGGTAAGTCGACCACCCT}$ AAGCACGCAATATAGCGATGGTGTTCCAGAACTACGCGTTGTATCCGCATATGACGGTTTACGACAACATGGCGTTTGGT  $\tt CTGAAGATGCAAAAAATCGCCAAAGAGGTGATTGATGAGCGGGTGAACTGGGCGGCGCAAATTCTCGGCCTGCGTGAGTA$ GCGTGTTTTTAATGGATGAACCGCTCTCTAACCTTGATGCCAAGCTGCGCGTGCAAATGCGCGCAGAGATCAGCAAGCTG  $\tt CATCAGAAACTGAACACCACGATGATCTACGTGACCCACGATCAGACCGAAGCGATGACCATGGCGACGCGGATTGTGAT$ ATTCCCGAAGAGAATTAGCGGTTCTGAAAACACAGGAAAGTTTGCATAAGCCCATCGTGATGGGAATACGACCGGAAGA TATTCATCCGGACGCCAAGAGGAAAATAACATTTCCGCCAAAATTAGCGTGGCAGAATTAACCGGTGCGGAATTTATGC TCTACACCACGGTTGGGGGCACGAGTTAGTGGTCCGTGCTGGTGCGTTAAATGATTATCATGCAGGAGAAAATATCACTA TTCATTTTGATATGACGAAATGTCATTTCTTTGATGCAGAAACGGAAATAGCAATTCGCTAAATACAGGGGGAAGGCATT  $\tt CCCCCAGGATAATACAAGGAACAATAATGAAAAAGTTATTACCCTGTACCGCACTGGTGATGTGTGCGGGAATGGCCTGC$ GCACAGGCCGAGGAAAGGAACGACTGGCACTTTAATATCGGCGCGATGTACGAAATAGAAAACGTCGAGGGTTATGGCGA AGATATGGATGGGCTGGCGGAGCCTTCAGTCTATTTTAATGCCGCCAACGGGCCGTGGAGAATTGCTCTGGCCTATTATC AGGAAGGGCCGGTAGATTATAGCGCGGGTAAACGTGGAACGTGGTTTGATCGCCCGGAGCTGGAGGTGCATTATCAGTTCAGTTCAGTTCAGTTGATCGCCCGGAGCTGGAGGTGCATTATCAGTTCAGGGTTGTCGATGTATAAATTTGCCAACGATCTGAACACTACCGGTTACGCTGATACCCGTGTCGAAACGGAAACAGGTCTG CAATATACCTTCAACGAAACGGTTGCCTTGCGAGTGAACTATTATCTCGAGCGCGCGTTCAATATGGACGACAGCCGCAA  ${\sf TAACGGTGAGTTTTCCACGCAAGAAATTCGCGCCTATTTGCCGCTGACGCTCGGCAACCACTCGGTGACGCCGTATACGC}$ GCATTGGGCTGGATCGCTGGAGTAACTGGGACTGGCAGGATGATATTGAACGTGAAGGCCATGATTTTAACCGTGTAGGT TTATTTTACGGTTATGATTTCCAGAACGGACTTTCCGTTTCGCTGGAATACGCGTTTGAGTGGCAGGATCACGACGAAGG CGACAGTGATAAATTCCATTATGCAGGTGTCGGCGTAAATTACTCGTTCTGATAATTGGGCTAAATTGCCGGATGCGGCGC GAGTACTTTATCCGATCTATAAATGTAGGCCGGATAAGATGCGCTAGCATCGCATCTGGCATCCAGGCAAGGTAGCTGGT ATTTATTTCAGCGTCATATGCGTGGCAACGGTAATATTCTGTGGTGACGGTTTTCCAGAAATTAAGCGGAATAATAACTC TGCTATAACCCACCACCGCTAACTGCTGCGGAATAGCAATATTTTTCTCTGCTGCCGCACGATAAATGCTCATTAATTTC AGGCTGTCAGTGGCAAACACCGCCTCAGGCAACGGTGACTGGCTTAATAATTGCCGTGCTGCTTTTAATGCAGTTTCATG GGTATAACCGCCATCAACAATCCATTCATCACGCACTGCAATATTATGCGCAGCCAGGCTCTGCTTATAACCATTAACGC   ${\tt AACGCAATGCTGTCGCCAAAATTATCGGTATCGACAGAATAAACATGGGCATATTGACCTTCAACTTTGCCAATCACCAC}$ CACCGGAATATCATATTTATCGAGTTGGGCAAAAAATGACTCATCCGCTGGCGAACTGAGCATAATAATGCCTTTAATCA TTTTCTGCTTAATTTTGCTTTCGCATTTTTGCAGATCTTCTGCCGGATTGTGCGACGTTTGTAATATCACGTCGAAACCT TCTTCTTCAGCTTTGGCGGTGATGCCAAAACTTCAGAGAAAACGGATTACCCGCCGTAGTTTTGGTCGAACGGGT TGGCCCGTAACACTTTTTCGCGCGCGCTTCCGGGGAGATATTAGTTTGCTTATTCAGCACGCGTGATACGGTGGATTTTGAT TATGGAGTTCGCCGGTCGATGACACACGGGCAGTTGATAATCAATGGCCTGGCCCCCACATTCATATCCTTACGAATGA TTTTTTTTCTGGTCTTCAGAGCAGCACAGGACAGCAATGAAGCGACTTAAAAATGAACTCAATGCGCTGGTGAATCGGGG TGTCGACAGACATCTGCGCCTCGCTGTAACCGGACTTAGCCGCAGCGGCAAAACAGCGTTTATCACCGCGATGGTTAATC AGTTGCTTAATATTCACGCCGGAGCACGTTTGCCGCTGTTAAGTGCGGTGCAAGAGGCGCCTGCTGGGCGTGAAACGC ATTCCCCAGCGTGACTTTGGCATTCCGCGCTTCACCTATGACGAAGGGCTGGCGCAGTTATATGGCGATCCACCCGCCTG GCCAACGCCAACGCGGGGTCAGTGAAATCCGCCTGGCGCTACGTTTTAAATCGAATGATTCGCTGCTACGCCACTTTA AGGATACCTCCACGCTGTATCTGGAAATTGTGGATTATCCCGGCGAATGGTTGCTCGACCTGCCGATGCTGGCGCAGGAC TATTTAAGCTGGTCGCCCAGATGACGGCTTACTCAATGGTCAGCGCGGAGAATGGTCGGCGAAATGGCGAATGATGAG  ${\tt CGAAGGGCTGGACCCGCTAGCGCCTGCCGACGAAAACCGGCTGGCGGACATTGCCGCCGCGTGGACCGATTATCTCCACC}$ ACTGTAAAGAGCAGGGGCTGCACTTTATTCAGCCTGGGCGCTTTGTCTTGCCGGGAGATATGGCAGGTGCGCCCGCGCTG AGATTGTGCTGGTGGATTGCCTGCAACCTCTCAACAGTGGGCCACAGGCATTTAATGATATGCGTCTGGCACTGACGCAG TGCCACTAAAGCGGACCATGTGACCATCGATCAGCACGCTAATATGGTTTCATTACTGCAACAACTGATTCAGGATGCCT GGCAAAATGCGGCGTTCGAAGGGATCAGCATGGACTGCCTGGGGCTCAGTTCAGGCGACCACCAGCGGCATTATT GATGTTAACGGTGAGAAAATCCCGGCGCTGCGTGGTAATCGACTTAGCGATGGCGCACCGCTCACTGTTTATCCTGGCGA AGTTCCCGCACGTTTGCCTGGTCAGGCGTTCTGGGATAAGCAAGGCTTCCAGTTTGAGGCATTTCGTCCGCAGGTGATGG ATGTCGACAAACCACTACCGCATATTCGTCTTGATGCTGCGCTGGAATTTTTAATAGGAGATAAATTGCGATGACCGAAC GAAAATCAGGCGCAAAATTTTGCCCCGGCCACGCTCGACGAAGCGCAGGAAGAAGAGGGGCAAGTCGAAGCGGTAATGGA GGCAGGGTGTACAGTGGACAATGAATGCCTGGCAAACCCAGGACTGGGTGGCGCTGGGTGGATGTGCCGCTGGGGCATTG ATTATCGGCGCTGGCGTAGGTTCTGTGGTAACAGAGTGGCGCGCTTATGGCGCTTGCGACAGCGCGCCCATGAACGCGA CGAAGCGCGTGATTTATTGCATAGCCACGGCACGGCCAAAGGCCGCGCATTTTGCGAAAAACTGGCGCAGCAGGCGGGTA TTGATCAGTCGCATCCGGCGCTGCAACGCTGGTATGCCTCAATCCATGAAACGCAAAACGACCGTGAAGTGGTCAGCCTG GCCAGCGAACTGGTGCGCGAAGTGGGGATGGACTGGATGTCGCAAGATCTCGCTGCTCGTTTGTCTACCCGCGCAGCTCA AGCGAAAAATAATGCAATATCGGGTGCTGACCGGATATCTTTACGCCGAAGTGCCCGTTTTTCCGTCTTTGTGTCAATGA TTGTTGACAGAAACCTTCCTGCTATCCAAATAGTGTCATATCATCATATTAATTGTTCTTTTTTCAGGTGAAGGTTCCCA TGCGTCTGGAAGTCTTTTGTGAAGACCGACTCGGTCTGACCCGCGAATTACTCGATCTACTCGTGCTAAGAGGCATTGAT TTACGCGGTATTGAGATTGATCCCATTGGGCGAATCTACCTCAATTTTGCTGAACTGGAGTTTGAGAGTTTCAGCAGTCT GATGCCGAAATACGCCGTATTGCGGGTGTTACCGATGTGCGTACTGTCCCGTGGATGCCTTCCGAACGTGAGCATCTGG  $\tt CGTTGAGCGCGTTACTGGAGGCGTTGCCTGAACCTGTGCTCTCTGTCGATATGAAAAGCAAAGTGGATATGGCGAACCCG$  ${\tt GCGAGCTGTCAGCTTTTTGGGCAAAAATTGGATCGCCTGCGCAACCATACCGCCGCACAATTGATTAACGGCTTTAATTT}$ TTTACGTTGGCTGGAAAGCGAACCGCAAGATTCGCATAACGAGCATGTCGTTATTAATGGGCAGAATTTCCTGATGGAGA TTACGCCTGTTTATCTTCAGGATGAAAATGATCAACACGTCCTGACCGGTGCGGTGGTGATGTTGCGATCAACGATTCGT  $\tt ATGGGCCGCCAGTTGCAAAATGTCGCCGCCCAGGACGTCAGCGCCTTCAGTCAAATTGTCGCCGTCAGCCCGAAAATGAA$ GCATGTTGTCGAACAGGCGCAGAAACTGGCGATGCTAAGCGCGCCGCTGCTGATTACGGGTGACACAGGTACAGGTAAAG ATCTCTTTGCCTACGCCTGCCATCAGGCAAGCCCCAGAGCGGGCAAACCTTACCTGGCGCTGAACTGTGCGTCTATACCG GAAGATGCGGTCGAGAGTGAACTGTTTGGTCATGCTCCGGAAGGGAAGGATTCTTTGAGCAGGCGAACGGTGGTTC GGTGCTGTTGGATGAAATAGGGGAAATGTCACCACGGATGCAGGCGAAATTACTGCGTTTCCTTAATGATGGCACTTTCC GTCGGGTTGGCGAAGACCATGAGGTGCATGTCGATGTGCGGGTGATTTGCGCTACGCAGAAGAATCTGGTCGAACTGGTG CAAAAAGGCATGTTCCGTGAAGATCTCTATTATCGTCTGAACGTGTTGACGCTCAATCTGCCGCCGCTACGTGACTGTCC GCAGGACATCATGCCGTTAACTGAGCTGTTCGTCGCCCGCTTTGCCGACGAGCAGGCGTGCCGCGTCCGAAACTGGCCG AGATGCGATGGAAGGTTCGCTGGACGAAATCACCAGCCGTTTTGAACGCTCGGTATTAACCCAGCTTTATCGCAATTATC  $\tt CCAGCACGCGCAAACTGGCAAAACGTCTCGGCGTTTCACATACCGCGATTGCCAATAAGTTGCGGGAATATGGTCTGAGT$ CAGAAGAAGAACGAAGAGTAAGCGCGAATATGCCTGATGGTGCAACACCCATCAGGCATATTAAATTATGCTTTCAGTACA TACGGAAAGTGGAGAGGGTGATAACGTTGTTCAGACCTTCTGCGCCGCAGAAACGAGACTGGGCGAACGGCAGATCGGCA GAGATACACAGCACAACGGTGTTGTCGATCTCAGTTGCCAGTTGGTTAAACTTACGTACTGATGCGGCGCAAACACCGGT CGAGAGTAAAAGTCTGCGCTTTGCTACCCGCCTGCGGGATGGAATTGGCGACTGTAACCGGGTTGCCCTGGAAATGAACG GTTTGTGACATGATTATCTTTCCTGTTTACATATAGTTAACGTCACACCTAGTTTATGCTAACTGTCAATAACACAGCAA GGCCCTTACATACCCCGTTTGTGATTGCCCGGGGAAGTCGCAGTGAAGCGCGCGTGGTGGTGGTTGAACTGGAAGAAGAG GGTATTAAAGGCACCGGCGAATGCACCGCCGTATCCGCGTTATGGGGAAAGTGATGCCTCGGTAATGGCGCAAATTATGAG CGTCGTGCCGCAACTAGAGAAAGGGCTGACACGGGAGGAGTTGCAAAAAATTCTCCCTGCCGGCGCACGAAATGCGC TGATGAAAGTTGTCATACTCGTAGCAATTTGAAGGCCGCTGAAAGGGCCGCTATGAGATGGTTAATATAAGCTCGATAAAA  ${\tt CCGGGGGTCTGACGGAAGCGCTGGCGCTGCGACTGAAGCGCGTGCACAAGGTTTCAGTCTGATGCTGGGCTGCATGTTG}$ GGCGGTAGATGTGGAACCGGCGCTTCAGTTCACGACGGCGAATTGCATCTTTAGGATGCCAGCGCAGCAAGTTTGCCAT GTGTATAAGCTGGCACAGCGCCTGGGTTTCAGGTTCGGAGCCAGGTTTGTCACCTGTCAGTAATACGACATCGCGTTCTT AGTTGATTAATCACATGGCGGGCTATCTGACCGCCAGCACCAAGAATCAGTACATTTTTCATGAAAATTATCCCAGATTA TTGGCAGCAATATGCCAGTCCATATCACTATTGCGGATTTGAATATGTTTCATTACAGAGTTTCCTCAAAGAACGGAGCT AATACTGAAATTGCTTCAGCCACATAGGCTTTGCCGTCATAAAGATCCATATGGTTTTGCGCCTTCAACAATGTGATAGCG   ${\tt TCGGCTGAGTCAGGTACACTTCCGCCATATGGTAAGCATCATAGGTAATAATCTGGTTAAGGCTGCGCAAAGTAGCGTAA}$ CGTATGGCAGGGCATCAATAGATTTCACATTGTTTTCCCAACCATTACGGAATATCGAACCAATATTGACCGCACTAACG GTACCGATGGCCTTGATGCGGCGATCCTGAATTGCAGCATTGGCTGTATATCCTGCACCGGCACAAATTCCCATCGCACC TTTCTAACTGACGCGCCTCGCCGCCACTTTCACCTTGATAAGATGCGTCATAAGCAATAGTGACAAATCCCTTTTCCGCC AGTTTTTTGGCATAGGTTCCGGCCGTTTGTTCTTTAACGCCCCCCACCTGGGTGAGATAACACAATTGCCTGATACTGACG GGTTTCATCAAATTTTGGAGGGAAATAGATCACTGCAGACAAAGAGATGGTTGGATTATTGCTGTTAGTGAAGCTGACTT TATTATTCATCATTCCGTTCCTCATGGAGTTGTCGGTTCGTTTTAACGGTTGGTGATATCACTATAGATATTGATCATTA AAGAAATCGCTGATCTGATGGCGTTTGTCGTCGTTGCAGAGGAGCGTAGCTTCACTCGTGCAGCAGCCCGCCTGAGCATG GCGCAGTCAGCTTTAAGCCAGATAGTGCGTCGTATAGAAGAACGATTGGGATTGCGGCTTCTGACGCGAACCACGCGCAG  $\tt CCCTGAGCGATCTGCAGAACCGCCCATCCGGGACAATACGTATTACTACTGTAGAACATGCAGCAAAAACGATATTGTTA$  $\tt CCAGCAATGCGCACATTCCTGAAATCGCATCCTGAAATTGATATTCAGCTCACCATTGATTATGGTTTGACCGATGTCGT$ TTCTGAACGTTTTGATGCAGGCGTCCGTCTGGGTGGGGAGATGGATAAAGATATGATCGCCATTCGAATCGGGCCAGATA TACCAATGGCTATTGTTGGCTCACCGGATTATTTTTCTCGCCGAAGTGTTCCAACGTCAGTGTCACAATTAATAGATCAT  $\tt
CAGGCAATTAATTTGTATCTTCCCACATCGGGTACAGCAAATCGCTGGAGATTAATACGCGGTGGACGTGAAGTTCGTGT$ TCGCATGGAAGGTCAGCTTTTACTGAATACGATAGACCTGATCATTGATGCTGCAATTGATGGGCATGGATTGGCGTATC TGCTGTTTAGCACTACTTGCTGATACATTAATTTAATTCTTCTCTTAACGTATTCTCAGTTCCTTTCAACGTTTTTGGTCA TTTTTTATTCTTCGTACAATGCCGACAGATGCTGATTATGATACCGAAAACGGGTTTGAACGTGCGAAGCCCGAACGTAG TGTTCGGAGTTCTATGTGCTTTACCGCATTTTGGAGACTATTATTTACACTAAATCTGATTTTGATATATTGATACTTAAA TTTTAATGTCGGTTAGAGGGAAACTTATGAAGCACTCTGTTTCAGTCACGTGTTGTGCGCTGTTGGTCAGCAGCATTTCT CTTTCGTATGCTGCAGAAGTTCCGAGCGGCACAGTACTGGCAGAGAAGCAGGAGCTGGTGCGCCACATTAAAGATGAGCC TGCGTCGCTGGATCCCGCTAAAGCCGTGGGCCTGCCAGAGATTCAGGTCATTCGCGATCTGTTTGAAGGTCTGGTGAATC AGAACGAAAAAGGGGAGATTGTCCCCGGCGTTGCGACTCAGTGGAAAAGTAATGACAACCGTATCTGGACTTTTACCCTG  $\tt CGCGATAACGCAAAATGGGCGGATGGCACACCGGTAACGGCGCAAGATTTTGTCTACAGCTGGCAACGTCTGGTGGACCC$ AAAAACATTGTCGCCATTTGCATGGTTTGCCGCGCTGGCGGGAATCAACAACGCACAGGCGATTATTGATGGTAAAGCTA CGCCTGACCAGCTTGGCGTCACCGCAGTTGATGCCCATACTTTGAAAATTCAGCTTGATAAACCGTTGCCGTGGTTTGTG AATTTAACCGCTAACTTTGCCTTCTTCCCGGTGCAAAAAGCCAACGTAGAAAGCGGTAAAAGAGTGGACGAAACCCGGAAA TCTGATCGGCAATGGCGCTTATGTTCTTAAAGAGCGCGTAGTCAATGAAAAACTGGTCGTGGTACCGAATACCCATTATT GGGATAACGCCAAAACGGTACTGCAAAAAGTGACCTTCCTGCCAATTAATCAGGAATCCGCAGCCACTAAGCGTTACCTC GCGGGGGATATTGATATCACCGAATCCTTCCCGAAAAATATGTATCAGAAGCTGTTGAAGGATATTCCGGGGCAGGTTTA TACGCCGCCGCAGCTCGGGACCTATTATTATGCGTTTAACACGCAAAAAGGGCCGACGCAGATCAGCGCGTTCGTCTGG CATTAAGTATGACGATAGATCGCCGCCTGATGACCGAAAAAGTATTAGGGACGGGCGAAAAGCCAGCGTGGCATTTTACA  $\tt CCAGATGTTACCGCGGGATTTACGCCGGAACCTTCGCCGTTTGAACAAATGAGTCAGGAAGAACTGAATGCGCAGGCAAA$ AACTTTGTTGAGCGCAGCTGGTTATGGTCCGCAAAAACCGCTGAAGCTGACGCTTTTGTATAACACTTCAGAAAACCATC AAAAAATTGCGATTGCTGTAGCATCGATGTGGAAAAAGAACCTTGGCGTAGATGTTAAATTGCAAAATCAGGAATGGAAA TTTCCTGACATTATTAACGTCAACGCATTCAGGAAATATTTCACGCTTTAACAATCCGGCATATGACAAAGTTCTGGCCC ATTGCACCAATTTATCAATATACCAATGGACGATTAATCAAGCCGTGGCTGAAAGGTTATCCCATTAATAATCCTGAAGA TGTGGCGTACAGTCGGACTATGTATATTGTGAAGCATTGATGTGATGGGGAACTGGCGTTACCCTTGTGCATAACGCCAGT   ${\tt CCGTGTGACTGTACAATATCGATAATCTTCAAATAAACGTCTTGCTGCGCGCAGCCATTCAGCCCATACCGTGGTTTT}$ GGTAAAGCAATAAACCATAATATTCAATGAAGAGTCAGCAAACTGGTTGAAATAAACCAGTAAGGTTTGTCGCTGGTCGA TGGCCGGGTGATTTTTCAGCATCTCACGTACAGCTTCGACAATAACGCCCACTTTTGCCGCATCCTCATAACGTAAACCA ATGGTCGTGGTAATGCGGCGGTTGGTCATTCGTCCTGGGTTTTCTACGCTGATCGACGAAAACAGCGAGTTCGGTACGTA GTGAACGGATCCAGTCGCCAATACTGAAAGGACGGTCGAAATAGAGCATAATCCCGGAAAAGAAGTTACTCAGAATATCT TTACCGGCCATACCGACAGCCAGACCACCAATACCACCAAAGGTCAGCAAGCCAGAAAGGCTCATGCCGAAATGTTCGCC ATAAAGCAGAACAAGCACCACAATAATGGTGATTTTGATGATACGCGACATAATCCGCGCACTGGTGATATCGCGACCTT TTTTAATCTGCTGTTTTTCAAACTGATTAATCAGCAGAAATAGCTTAATCGTCAGAATAACCGCAATCAGGGACGTACAG GATAATTATGGTGTAGATTAAAAATTGCACCGCATGGAATAAAAATCCTTTTCTTTTACGATTTCCACGGCGAAACCAAA AGCTCATCAGAATCAATGCTGCGCAGCTACCGAAAATAATGACCAGATTAAGCGCCATTATTTGTAAACAGTTCAGCGATC ATTGTTTTATCAGGCTCCTCCAGATAATTGTCGTCATGCCGGAAACCCCTGGCGGGGCTATTTTACCGCGACAATTCATT TGTCATCTGGAGCCATAGAACAGGGTTCATCATGAGTCATCAACTTACCTTCGCCGACAGTGAATTCAGCAGTAAGCGCC GTCAGACCAGAAAAGAGATTTTCTTGTCCCGCATGGAGCAGATTCTGCCATGGCAAAACATGGTGGAAGTCATCGAGCCG  $\tt CAACCTGAGCGATGGCGCGATGGAAGATGCTCTGTACGAAATCGCCTCCATGCGTCTGTTTGCCCGGTTATCCCTGGATATCCTGATATCTCTGATATCCTGATATCCTGATATCTGAT$ GCGCCTTGCCGGACCGCACCATCATGAATTTCCGCCACCTGCTGGAGCAGCATCAACTGGCCCGCCAATTGTTCAAG CAGCTCGACCAAGAACAAGAGCAGCAACGCGATCCGGAGATGCATCAGACCAAGAAAGGCAATCAGTGGCACTTTGGCA TGAAGGCCCACATTGGTGTCGATGCCAAGAGTGGCCTGACCCACAGCCTGGTCACCACCGCGGCCAACGAGCATGACCTC AATCAGCTGGGTAATCTGCTGCATGGAGAGGAGCAATTTGTCTCAGCCGATGCCGGCTACCAAGGGGCCCCACAGCGCGA GGAGCTGGCCGAGGTGGATGTGGACTGGCTGATCGCCGAGCGCCCCGGCAAGGTAAGAACCTTGAAACAGCATCCACGCA AGAACAAAACGGCCATCAACATCGAATACATGAAAGCCAGCATCCGGGCCAGGGTGGAGCACCCATTTCGCATCATCAAG CGACAGTTCGGCTTCGTGAAAGCCAGATACAAGGGGTTGCTGAAAAACCGATAACCAACTGGCGATGTTATTCACGCTGGC AGAAACGGTCTAAATAGGCTGATTCAAGGCATTTACGGGAGAAAAAATCGGCTCAAACATGAAGAATGAAATGACTGAG AGGTTTTCAGAGCAGCAACGGTGAAATGTCATGGTATTGTTACGTTTAGGTAACAAGAAATTTGTCTGCACAAGGATTA CGTCGGTTGTGACTCGCGCGACCATCGGCGGCGTTATAGAACAGTACAATATTCCGCTGTCTGAGTGGACGACATCAATG  $\tt CCTTGGCGGCGAAGAGCAGTAAGTAAAAAATAGGCCCGATAACTCGGGCCTTGTCAGTTATTGAAGAGTCGTTAATCGTC$  ${\tt CCTGTTCCGCCGTGTTGCCGAGGAATGCTGCTGAAATACCGGTGCGTCCTACCGTGCCCAGAACCACAATCCCCGCCTGT}$ AAGTGCTCCGCCAAATCAGGAATCACCTCTTCTGGCAGACCTTTTTCTACGTGCGTCATGTTTTCATTAATGCCGAATTT CTGCCGCAGGGCTTTCATTGCCAGCAAATGTTGCCCACGAATGGCATCGTTATAAACGCTCGGGTCAAATTCCGGCAGTT CAATCGCGATATTAATTGGCGTTACCGGATAAGCGCCAACCAGATGAACTTCGGTATGGTTGACTTGTTCTGCCAGTTCG ATCGTCTCTTTGACCAGTTTTTCATTGAGCGCATTATGATACGGCTCTTCACTGGCGAGATTCACCGCCACCAGCGCCTT GCCTCCTTCCGGCCACGGCTGGTCTTTCACCATCCACCCGGGCTTGGGCATTTGCGTAACAGATGCCAGTCCGTTGGCG TAAAAATCACCGCTTCCAGACGGTCATGTTGGTGCGCCATTTTTAGCACCAAATCGTGTCCGCCGCTGATCACTTCCTGA ATGATGGCTTCGAAAGGACGGTTATGCCAGACCACTTTAATTTCAATGGGAACGCCAGCATTGAGATAATATTTTGCCTG  ${\tt AATGCTGGTTGGTCCTGGTTAGGATCGATAACAACGAGCATGTTCTGATACATAGCCATACAGGGTCTCCTTACAAC}$ AAATCAGAAAAATTTAATGATATGACAGAAGGATAGTGAGTTATGCGGAAAAATCAGGCAACGTTACGCGTATGACCAGC  $\tt CGAGGGGAGAGCCGCGTTGGGCAAAACGACGGGACAGGTTGTAGATGAATGCAGCCAGACGTTCCTCGGCATTTTTCTT$  $\tt CGACAACAGCAGGATCATGTCCTGATCGCCTTTGATTTCACCGCTCATCAGACGCATCATCTGCTGACGCAGATTCGGCAGATCATCGGCAGATCAGATTCGGCAGATTCGAGATTCGAGATTCGAGATTCGAGATTGAGATTCGAGATTCGAGATTCGAGATT$ TTTTACCGGACAAATCGTCCAGCGTTTCGAACGGGATTTCACATACCATCGAGGTTTCCAGCGCCTGCGCGAAGCTCGGG TGATGGCCGCTGCCGATGGCGTCAAATCCCACCAGGTCGCCTGCTAAATGGAAACCAGTGATTTGCTCGTCGCCTTGCTC AGTGATGGTATAACTTTTAATCGTACCGGAGCGGATGGCATAAAGCGATTTAAGTTCATCACCAGCCTTAAACAGCGTCT GGCCTTTCTGAATAGGCTTCTTCCGCTCAATGATATTATCAAGCTGATCAAGCTCATGTTCGTTGAGTGTGAACGGGATG CAAAGCTGGCTGATGCTGCAATCCTGGCAATGGATAGCACAACCGCCAGACTGAATGCGCCGTATAATTCGCTTTTCCGG ACATAAAAGTGTGAACAAGCTGGCACAAATTGTTTAATGTTTACAGCAAAAGATAACCTTCATGGCGCAATAACCACTCT TTTCGCTGAACTCCGCCTGCATATCCGGTCATGGTGCCGTTTCGGCCAATAACCCGATGGCAAGGTACGACGATGCTGAT GGGATTCGATCCGTTTGCCGCACCAACGGCACGCGCCGCGCCAGGACGCCCAATTGCTCAGCCAGTTGGCCGTAATGCA TTACCTGCCCGCAGGGGATAGTGCGTAGTGTTTTCCAGACTTCGCGCTGAAATGGCGTCCCCCCGTAGCAGTGGGAAGC GTATCAATAATGCTAAGATTACCGGCAAAATATTCACGAAGCTTGTCGCTTAAACCGCCTGGATTGGTGGCAGAAATGCG GGCGAAATTGCTCATCGCAAATCACCCACAGTGGACCCAGTGGCGTGGCAATTTTTTCTTCAAGTAATCTCAGCATCCGT TCTCTCTTAAGACAAACGTGGGTAAATACCCGGACCTATCGGCAGACCAAGATACCACGCCAGCAACATCAGCAGCC AGGAATCCAAGAAACAGTGGAACAAAAGGAGATACCGGCGCTAAAGGCAATACGGATGAGTCGGCAATACGAAAGAGAGAT
TTGCGCAAATGCCGGGTGAAAGCCAAGTAGCATAAACATTGGTACGAAAATGGGGGCGAGAATCGACCAGATTGCGGAAC CGCTGGCAATAAACATGCATAAGAAAGAGGAAAGCAACGCCAGACCGACAAACGCCGGGATGCCGCTAAGCCCTGAACTT TCCAGTATATCGGTCAGCCCCACGCGATGAATTTCCCCATGTTGCTCCAGTTAAACATGGCGACAAATTGGGCGAGGGG AAAAACCATCACGATAAATCCCGCCATCTCTTTCATCGGTTCAATCATTAAATGCGGTAAATCCGCCTGACGTCGAATTG TGCGGGTAGCGATGCCATAAGCCAGCGAGACAACAAAGAAAAAAAGAATGATCAGTGGCACGATACCTTTAATAAAGGGT GATGGCATCACGGTGTGATTAATCGGATCGCGCAATATCCCGTTTTGCGGGGATCACCATCAGCGCAATCGCAGCAATAAA AAGTAGCGATACGACACCTGCTATGCGTAAACCAAAACGCTGACTTTCGGTCAATGTCTGCAGTTTCTCATCGCTGTTTC  ${\tt CCTGCCATTGACCTAACCGTGGCTCGATGATTTTGTCGGTTATCAGGCCGCCAACAATCGTCAGTACGACTACGGAGCTG}$ GCCATAAAATACCAGTTATCAATTACACTGACGTGCATTTGCGGATTGAACGCAGCTGCCGCTTCCGTGCTGATCCCCGA CAACTGGATGCCTGCCCACCGCCAGAAAAATCAGCGCACCCATCGGTGGCATGATCACTAACGCCGCATCGGAAGAAATG TGGCTGAAAAAAGCAATAAACAGCACCATATAACTGGCGTAGCGGGCATTAACATGCGATGCCATTTTAACCATTAGTGC TGGCAGTAAGCCGACGCGCCAGACCGGCACCTAAAACCAGCGCCAGGATCGCACCAAGTGGAGCAAAACCGCTAA AGTTTTTAATAACATTGGGTAAAAACCAGTGTAATCCTTCCACACTGAGCAGGTTTTTCACCACGACCGGCGTACCATCG GTCGGGTTTTTCGCACTGACGCCAAAGGCCGACAAAATTGCCGTCGTCACCATGAGTACGATAATCAAATAGATAAAGAG CAGAAAAGGATGGGGAACCTTGTTACCAATTCTTTCGACCCAGCCATAGAGCTTCCCGGATTGGGAGGACGACGGTATGG  ${\tt ATGACATACTCATGGGCATTCCTCGGTTGTTGTTTTTGCGTTGTTGTTGTTTTTAAAGGTGACGGTGTCACGTTTTTC}$ GGGATAGGGCAGTGATACGGTTGCCGTGTCCGTTACTTGCTGATGCTCTTGTTGGCATTCTTGCAATAGCCCTGAATCAAG GAAGAGATTGACTGTGGTTGCTGCCATAGTTTTCGCCGCCAGCAGCATTCCTTTATGAGCAATAGATGTTCGCCCCTGGC TAACCAGTTGCCACGTATGTAGCGGTGTACCGACGGCAAAACAGGGGGCTGAAACACTGGGCAACAGGCAGTTTCCAACTG  ${\tt AGGTGAGCGTAGCCTGAATTTGTTTCGCAAAAGCCAGTTCTTCGGAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCCATTCCGGGGTACCAAAATGGGATAGGGCCAGTTCCATTCATTCATTCCATTCAT$ GGTCATCAATGCCGCACCTTCGGCGATTTTTGGCGACCCGATCATAAATATGCTGCACGTCGGTCATTTCGGGGGCGCGGA TAAGATAAAGCACTTCTGCCTGCGCCTGGACCACGTTGGGCGAGATCCCGCCGCTATTTGTGATGGCATAGTGTACGCGC GCTTTTTCAATAATATGTTCGTTGAGGAAGTTGGTGCCAGTGGTCATCAACGTTACGGCATCAAGGGCGCTGCGTCCCAA ATGAGGGGAATTCGCGGCATGTGCTGCGATCCCTTTAAAGCGCCCATGATGCCTGAATGTTTGCCAGCGTGCGGGTATTGA ACATACCGGCAAAGGCTTCCGGGTGCCAGGTGAGTGCCGCATCCACATCAAAATACCCCCTCGCGAACCATGAACGTT TTACCCGAGCCGCCTTCTTCGCCAGGACAACCATAAAAGCGCACCGTGCCGCCTTGCCCATATTGTTCCAGCCATTTCTT GACGGCTATTGCAGCGGCAAAGGCGGCGGTTCCCAGCAAATTGTGTCCGCAACCGTGACCATTTTCACCGGGCGTCACGG ATGTAGGTTGCGCGCAACCTGCTTGCTGACTTAAACCTGCCAGGGCGTCATATTCTCCCAGCAGGGCCGATAACCGGTTTG  $\tt CCTTGACCAAACGAAGCAATAAAGGCATTTGGGATATTGCCTACGTTGCGGGTAACGGTGAAGCCTGCAGATTCCAGCGCCAGATTCCAGCCCAGATTCCAGCGCCAGATTCCAGCGCCAGATTCCAGCGCCAGATTCCAGCGCCAGATTCCAGCCCAGATTCCAGCGCCAGATTCCAGCGCCAGATTCCAGCGCCAGATTCCAGATTCCAGCAGATTCCAGCAGATTCCAGCAGATTCCAGATTCCAGCAGATTCCAGATTCCAGCAGATTCAGATTCCAGATTCAGATTCCAGATT$ CGAAGCCAGATGCTCCGCTGACCAGAACTCTTCAAAACGTGTTTCTGGATGATCCCAGATTTGATCGGCAATATCGGTAT AACGTTGGCGATCGGCTTCAATCGCATCGTCGATAAAACGATAGATTTCCTGCATCAGATACCTCGCGTCCAGGGAAAAT TGAGCGCGGTGCGCCCAGCGTTTCGACGGCAATAGCGAGAACCTGCTCGTCAAAATCGAATTTTTCGTTGTGATGACCT GCCGCCAGCTGTGTGCCAAACACCACGTAGGAGGCTTGCCCTTGATGTTGCTGCACGCGGGCCATCATTAATGTGGCATC TTCGGAACCCGCAGGCGCTTCAACACGTTCAATGGCCTGATTGACCCCCGCGACCTGAGCCGCCTGACTTTGCAACCATG  ${\tt CGACCCATTGCGGCGAAGGAGAACTGGCGGTAGCTGCACCCATCAGACGAGTTTCAACGCCGACACCATACATGGTTGCT}$ GCGCCCTGAATCGCTTGTTGTGCACGGTCAAAAACATATTGATTAATGACGTCGCTGGCCCCGCGTGTTTCCACTTTCAG  $\tt GCGGGGCGATTGCATGCAGTGCAAGAGTGGCTTGTGCTGCCGCCAACAAGGCATTGTGACCGTCTTCTGGTTTTGCGCCT$ GCGTGAGCGGCGGTACCGGTGAAGTGCGCGTCAAATTTGGTGGTTGCCATAAAATTATCACTGCCGCACACCACGGTGCC CGCAGGTACGCCAGTGCCAATGTGCACGGCAGTAAAATAATCAACATCATCTACGACACCTGCATCGACCATCGCCCGCG  ${\tt CGCCACGCGTACCTTCCTCTGCAGGCTGAAAAATCAGTTTGATGACGCCATGTAGTCCGGACTCGAACTGTTTAAGGGTA}$ GACCGGGGCGACCGGTATCCAGGGTGGCGACGATACCAGTGAAACCACCTTCAAAAGCCGCAATCCATTGTGCTAGCGCA  $\tt CCCTGTTGACGAGCGCGCTCGAATTCGCGTTGTAGAGTGAATTCATCAGGTAATCCCATCCGGCTACTTTCATTAACTAC$ TTCGCGACCCAGCGCCAGTGAATAGCCGAGCTGGTGCAATTCTTCCGCAACAAGGGTGGCAGTGCGGAATTCCACCCAGC CAGACTCTGCATAGTGATGAAAATCACGTCGCCAGTGCGATAATTTTTGGGGCAAGCGAATTAACAAATTGATTCAAAGAC TCCATAACCTTTCCCGTCATCAGTAAAAAGTGTGACCCGGTTCACGTAGCGATAGTTTTTACTTATCACTAACTGATTTT TCACAGTTTTAACCGTTCATAAATTACCCTGACACAATCATCTGCATTAAAGTAGATGCCAGTTTCTTTGGTCTGATAAA  ${\tt TAACGGTTATCGGTGGCGTCATGGCTTTTCAGGTAAAAATTCATCAAATTCGGGCTTTTGTTGAAGTGGCTCGTCAGGGCT$ AGCGGCGCAACTCTTTTTTCGCCGTAGTAAAGGCGTGACGTTAACTGATGCCGGTGAAAGTTTTTATCAGCACGCCAGTC TAATTCTTGAAGAGCTGCGCGCAGCCCAAGAGGATATTCGCCAACGACAAGGGCAACTGGCAGGGCAGATTAATATCGGC
ATGGGGGCCAGTATTTCCCGCAGTCTGATGCCAGCTGTCATATCTCGTTTTCATCAGCAGCATCCGCAGGTAAAAGTACG CATTATGGAAGGGCAACTGGTGTCGATGATTAATGAATTGCGTCAGGGAGAATTGGATTTCACCATCAATACCTATTATC  ${\tt AGGGACCGTACGACCACGAATTTACTTTTGAGAAATTACTGGAAAAGCAATTCGCGATCTTTTGCCGCCCGGGACACCCC}$ GCCATTGGTGCCCGTTCGATCAAACAGTTACTGGATTACAGCTGGACAATGCCGACGCCACACGGCAGCTACTACAAACA GTTGAGTGAATTGCTTGACGATCAGGCCCAAACGCCACAGGTCGGTGTAGTCTGCGAGACGTTCTCAGCCTGTATCAGTC TGGTGGCAAAAAGCGATTTTCTCAGCAAACTGCCTGAAGAAATGGGCTGCGATCCCTTGCACGGACAGGGGCTGGTGATG TTGCCGGTTAGCGAAATTTTACCGAAAGCGGCCTATTATTTGATTCAGCGGCGTGATAGTCGCCAGACACCACTGACCGC GTCATTAATCACGCAATTCCGGCGAGAATGCGGCTATCTGCAAAGTTAAAAACTGCATAAAAAAATAGAGTCTGTCGACAT  $\tt CCGCCAGACTCTACAGTACACCAGCAGTGCATCCGCGTCTTAAATCCGGCATTGTCTCCTCTGCGCCGGTGACTGTTTT$ ATAACGGTTTTAACCTTTAGTTGCCAATTTTCTTCAGTGACAGATTTCACGAAAATATAAGTTACATTATTAATATCGTG  ${\tt AATGAATAATCATGCATAAGTATTTTGCTTAAAATATCGGCAATATTTTGGAACTTATTACTGGAAATTTTGGGTAATACGT}$ TGTTGGACCGACCCGGTCTGGTTATCATATCGCGCTCTTAATTGCGGGAGGATGTAACATGAACCTTGACGACAAATCGC TGTTTCTTGACGCCATGGAAGATGTCCAGCCGCTGAAACGTGCTACCGATGTCCACTGGCATCCAACGCGTAACCAACGT GCGCCGCAGCGTATCGACACGCTGCAGCTTGATAATTTCCTCACCACCGGATTTCTCGACATCATCCCACTAAGTCAGCC GCTGGAGTTTCGGCGGGAAGGGTTGCAACATGGGGTGCTGGATAAGCTGCGCAGTGGTAAATATCCGCAACAGGCGAGCC TGAATCTTTTGCGCCAGCCGGTGGAAGAGTGCCGCAAAATGGTGTTCAGTTTTATTCAACAAGCCCTGGCGGATGGTTTG CGTAACGTGCTGATTATTCATGGTAAAGGGCGGGATGATAAATCGCATGCCAATATTGTCCGCAGCTATGTGGCGCGCTG GCTGACCGAATTTGATGATGTTCAGGCATATTGCACCGCGCTACCGCATCATGGCGGCAGCGGGGCGTGTTACGTCGCAC TACGTAAAACGGCGCAGGCGAAGCAAGAAAACTGGGAGCGCCACGCTAAGCGCAGTCGTTGATCTCGAGACGCATCCGCG GCTTATGCCGCCAGCACGCGGTTGCGTCCATCATTTTTCGCCCGATACAAAGCATCAACGCGTTTAAACAGTTCATC GATGCTTCATTTCCTTCGTGATGCGCCACACCAATGCTGACGGTAAAGCGTGGTAAGCCCGAAATACTCACTTTTGCCA  $\tt CGCTTACGCGGATAGTTTCAGCCAGCGAAAGCGCGGTATCCAGTGGGGTTCTTGGTAGCAATAAGACAAACTCTTCGCCT$  $\tt CCCCAACGAACACCAAATCGCCTTTGCGAGCGCAACTTTCGAGGGTGCGGGCGAGGGCGCATAACACCTCATCACCTTT$ AGAATGCCCATAGAGATCGTTAATGTGTTTAAAACGATCGGTGTCGATGAGCAACAAGCTGTAATCCTGAGCGATGGCGA GATGCTGCATTTGGCCTGGTTCCGTAATGTGATAAAACTGTCGCCGATTCAGTAATCCGGTCATCGCGTCATGGTGAGCA GCATGTTCCAGCTGCTCCTCCAGCCGTTTTTGCTCAGTAATATCATGCACAATACATAACATGAGCTTGTCGCCATAAAT TTCAATCGGTCCGGCATAGGTCTGCACATGACGAGTCGAACCATCCGCCAGTTTATGAACAAAATTCAAAGGTTTATGAC CACATCGTTTCATGGTTATAACCATAGAAATTGAGCGCGGCGAGGTTAGCATCGACGATTTGTCCATCTCGTGACGGGTC GACTGGCTTTTAAACCCAGCGTTGCCGGCGCTTCGATACCTTCGAAAATAATCACCGGTTCTGTTTCTGTCAGCTTTCGC AAAACAAGCCGACAGCTCAATGCTGTTTCCTCTTTTTACGCTGAACAGTGAGGATTTCGATAATATCGTGTTGGTTTTG CTTGCATCAACAGTTTCGCCGCGCTATTGGCATAAATTAACTGTTCCTCAAAGGGCCGAAACGATCCAGACAGGACTGGTG AAAAAGCCACGTCATATGATCAGATAATTCTGATAATGATAGACGCTATTTAACACTTCACACGGTTTGTATACGGAAAA GCATTTTGCTTTTTGTATTCAATTTAGACAGAATTTTATTAATCATTTCAGGGGTAATGGGGTGATGAGATGTTGCGTAAC  ${\sf TAACGTACGTGATGCGCTGGCGGGCGAGAGCACGCGTCCCCGAGTCAGCCGTCTCGGTGAAGGCACGCTGATTACATTGC}$ GCTGTATAAACGGCAGCACCGATGAACGCCCCGATCAACTGGTCGCCATGCGTGTATATATGGACGGCCGGTTAATTGTT GGGATGGCTGGTGGATGTGTGCGATGCGTTGACCGATCATTCCAGTGAATTTATCGAGCAGCTGCACGATAAAATTATCG CGTCGCTATATGGCACCGCAACGTGATGTTTATGCTCGTCTTGCCAGTGAACGTTTGCCGTGGATGACCGATGACCAACG TGGCGGATGAAATCGCTCAGGTGATGCAGGAAAATTTAGCTCGTCGTACCTATACAATGTCGTTGATGGCAATGGTCTTT AATTTTTTGTATTCTGTTAGTTGTTCTTATTGGTGGTGTTTCTTATGGTTGCATCGTAGTAAATGGTTGTAACAAAAGC AATTTTTCCGGCTGTCTGTATACAAAAACGCCGCAAAGTTTGAGCGAAGTCAATAAACTCTCTACCCATTCAGGGCAATA TCTCTCTTGCAGGTGAATGCAACGTCAAGCGATGGGCGTTGCGCTCCATATTGTCTTACTTCCTTTTTTGAATTACTGCA  ${\tt CGCATCGTGAGCGTAGATCTGCGAGGATACGCGCCTGCTAACTTTGCGTCGATGACCACGAGAATAGATTGTGACCGCTT}$ TTTCTACCCTGAATGTTTTGCCTCCCGCCCAACTCACGAACCTTAATGAGTTGGGTTATTTAACCATGACGCCGGTGCAG GCCGCCGCGCTTCCGGCGATCCTTGCCGGAAAAGATGTTCGCGTGCAGGCGAAAAACCGGCAGCGCAAAACGGCGGCTTT TGGCCTCGGCTTGTTACAGCAAATTGATGCGTCGCTATTTCAAACCCAGGCTTTAGTGCTGTGTCCTACGCGTGAACTGG  $\tt CCGTTCGGTATGCAGCGTGATTCGTTGCAACATGCGCCGCATATTATCGTGGCAACGCCGGGGCGTTTGCTGGATCACCT$ GCAAAAAGGCACGGTATCACTGGATGCGTTGAATACGCTGGTGATGGGATGAGGCCGACCGCATGCTGGATATGGGATTTA ATCGCTGCAATCAGCGGACGAGTGCAACGCGATCCTTTGGCGATTGAAATTGACTCAACAGATGCTTTGCCACCCATTGA  ${\tt ACAACAATTTTATGAGACATCCAGCAAAGGCAAAATTCCTCTGTTGCAACGGTTATTAAGCTTGCATCAGCCATCCTCTT}$  TTACACGGCGATTTGGAGCAACGCGATCGCGATCAGACCCTGGTACGTTTTGCTAACGGTAGCGCCCGTGTACTGGTCGC GACTGATGTTGCTGCGCTGGTCTGGATATTAAATCGCTTGAGCTGGTGGTGAACTTTGAGCTGGCGTGGGACCCTGAAG TTCATGTACATCGCATCGGTCGTACAGCTCGTGCAGGAAATAGCGGTCTGGCGATCAGTTTCTGTGCTCCGGAAGAAGCA GCTGGAAGCAGAAATGGCAACGTTGTGTATCGATGGCGGGAAAAAAGCCAAAATGCGCCCGGGTGATGTATTAGGTGCAC TGACAGGAGATATCGGGCTTGATGGCGCAGATATTGGCAAAATCGCCGTGCATCCGGCGCATGTCTATGTCGCGGTCCGT ATAATGAAATGTTGAATTGCCGGGTGCAAGAGTAAACATCTTATTCGGGATTGCCGGATGCGACGCTGGCCGCGTCTTAT  $\tt CCGGCCTCCATAAGAGTAGCCCGATACGCTTGCGCATCGGGCGCTATCCTGGTTATTTCACTTCAACCACATTCAGCCGT$ ATCACCCCGTTAACCACTTCAGAACCGTGGGTGATGCCTTTGAAATCGAACAGGTTGGTATCGCACAGATGCGACGGCA ACCTGACGTTGCAGGTTAGGCTGTGAACCGCACAGGTTGCACGGAATAATCGGGAACGCTTTTGCATCGGCAAATCGCTG AATATCTTTCTCGCGGCAGTAGGCCAGCGGACGAATAACGATATGTTTGCCATCATCGCTCATCAGTTTCGGAGGCATAC CTTTCATCTTACCGCCGTAGAACATATTTAAGAACAACGTTTGCAGGATATCGTCACGATGGTGACCCAACGCGATCTTC  $\tt GTCGCCCCAGTTCCGTTGCGGTACGATAAAGGATACCGCGACGAGGAGAACACAGTGAGCAAGTGGTTTTGCCCTC$ TGGAATCTTCTCTTTCACGATACCGTAAGTATTCTCTTCAACAATCTTGTACTCAACGCCCAGCTTTTCAAGATACTCGG TGCAAATTGCGCAGAATCTCCAGCATGGTATAGCTGTCTTTACCCCCGGAGAGGCAAACCATGATGCGATCGCCTTCTTC  ${\tt AATCATATTGAAGTCAGCAATGGCTTCGCCCACGTTACGACGCAGACGTTTTTGTAATTTTGTTCAGGTTGTATTGTTCTT}$ TCTTTGTAATTTGTTGATTTTCTTGCATTATTTCAGTTCTCTGGTACTAAATGGGGCCAAATTGGGGGCAAACTTTGCAAC TACGATAACCGCGCATTCAACATGGCTATCTGTTCGTCGTTCATGTCATCAATCCACATACCGTAAATTTCATACACCAT GCCGCGTATGGTACGGATTACGGCGGCGAATACCAGCACGTTTTACTGCTGCATTCCACCTTGCCCCCAAACTGCTTACC GAGTAATAAGGTTTTTGTTTTCCGTTACACACCCTGGGCATGAAAACAAAATGCAGTTTTTGCTTTTCGGTTCTGCCGTA  $\tt CTCCCGATGATAAAAGGTGATTTCGCTTTTGCGATGATGCCCGGTCAGTTTGTATTGCTCCTTCAGTGCTTCAAGAGCAG$ ACATTCACTATTCCCTTTTCGAGATCCACATCCTCCCACGCCAGAGCTGCCAGTTCCCCGTGACGAAGTCCTGAGTAAAC GGCAAATTTCCACAAGTTCTGGCTCTGTCCTTTTTCACTTTCCATTAATGCATTGAATTCTGTTTTTAGATAACGGATCAG GCTTTATTCTGTTTCGCTGTAATTTTTTTACTCCTTCAAATGGTTTGGTTGATATAAATCCCGACTGATACGCAAAACGC  ${\tt AACAGCGAACAGAGCAGGGCGATATAGTTATCAACTGTGCGCACGGTTCTTCCTTTTTTGTTGGATCTTGGATTATCCAG}$ GTAAAGCGTTTCTCCATGCAGCAGTTCATTCCGGTAGTTTAAGATATCGCTATAACGAATATGTGATATCGGGGTACTTT TTTGTCCAGATATCACAAAGCTCTCCGAACGTTTTTATGACTCTCGTTGTCACCATTTTTTGCCCCAGTGCTGGACTGGGG AAAACGTCTTAAATACTCAAATTCACCGGAGTTTATTTCATGAACTATCAGCGCTCTTAAATTTCCGGCCTTTTTAATAT TACTGTTTGTAATCTCCCAGCCTTTTAATGTTTCCCGACATCGTTTTCCTCGAAACATGAACCAGATGCGAATGTATCTA  $\tt CCTCTAATCTCGACACCTGTTGGTAATTTAGACATATCATGAGTCTTTGATAAACTGATTTATCTTTGGATAGTTGTACC$ AGATAATCCCTCGTTTGCTGTCTGGCTTACCTAAAGGAGATACTCGTTTGAAGTGGAAGCCCTCCACCCAACAGTTCTGG  $\tt CGGTATGCTTCAATTTGTCTGGCCCCCAGACCAGTGCGAAGCATCAGGCCGTATTCAACCATCCACTCTTCATTAAAGAT$ TACTTGTGCCATCGCATCACCTCTGGCAGGCGCCAATGTTAGACTGAAATTGACGCCCGATGTTGATTATTAATAATCAG CTATGAAGTTTTAATTTGAATACAATGCAATTCTCGAGGACTGAAGTTTCTCGCAATTAAAATTTATCAGTTTTACTTTC TGCTCTCTGGAAACGCCTGCTTCTTTTTTACCTGAGAGCATTTTTTCGCATTCTGATTTCGTTAGTTTAGATTTTGAATA TCTTGTCCAGTTAGTAGGAGTGCCACCTTCCTTTTCAATAGTGGCGGTAATTTTATACATGAACACCTCCATTATTATTT  $\tt CTTCGCTCGGTAATATCCTGAAATGGCTTTCACCGTTACTGATGGACAACCACAAAATGGACATGGTTTAACATTGTCAT$ ATCTCATAATTTTTCTCATAAAAAATATTTCAAGTTGGCGGTGCATTACACCGCCAGGCTGAATTATTCCTCTGAATTAT GCACGCTGGATCTCAATTGATACGGGCAAATATTTGAACAGGCGACGAATAGCCGTTTTCTTTGCCATTTCTTCCCAGTG AGTTACCCACGGCCCGTTATTACCAGCTTTACTCAGGCTGCGCACCAGCTCAATCTGTTTGCGCGTCATAACTTCAAACT GAGTACCTCCGTCTTTCAGTCTTGCGACAGCATAGACGTGGGTAACCGGGGCATCTTCGTTTTCTCCCGGGCGGTGTATT AGAACGGCGAGCCAGATCAATCATGCCGCGATAGCCAATGATTAGCTGAACGTTCTTTTTACCGCTCTTTTCGTTTTTAT TACCAAAAGGCAGTAAATATGCATGACCGAGGGCGCTACCTGGCTCAAGTCCGAGCTGTGAACACTGTACGATCGCACTG  $\tt CGTCATATGGCGTGGAAGAGCTGCTGCCAGTTGCTCTTTCATTGATGGCTGGTTAATAAAACTAATCACGTCGCTATTTT$ TAACTGCTGCTGGTGCACGGTTTCCCTGAGTTTTTTGCAGATCGGCTTTTGCGATTGGTGGTTGCTTAGTCATTTGCATA TTCCTTAGCCCAGCGGGCAGTGATAATGTCTTAATAGCTGGCCATTCATCGGTATTCAGGCAGTCAGACAGGGTTCGCA GATTGCGGTGATATTCCTGTTGACCTGCCAGTTTTGCTTCTTCGCCCATCATGAAAATTTCAACCGGATAACGTCCGCAT TCAATAGTTGTGCTGCCAACCAGAAAAACGAAAGTTGGCTGCACTCCAAACTGTGCTTCATAACCGTCACTGTAGAATGC ATCCTGAACGTGATAGCGGTAGTCGTAATAAGCGGTTTTGAATCGTTGAATATCCGCCGTAGTTTTCACGTCCATGATCC AGTGAAATTCAGGGATAATTTTGTCCGGACGCACCGACACAAATTCCTGTTTCAGGATCTTCCCAGTAAATTGATGAT  ${\tt TCAGCGTGTCCGGCGCTTTCAACAAGCCATTGCCCCAGCGGCAAAGCCATAACGCTTTGATACATGAGTTCAATTTTCCG}$ TTGTACGGCGGTTAAATTCAGGTGCTACGATAAAGCGGTTACTGAATTCTTCCGGTTCAAGTACCCGGCAGTGGAAAGCA GTTCCTAAATCGAGCGTTTTTGTCTTTGTGGTGTCCACGGGGGCATTTTTACGCCACAAATATAGTGCCGGAGTATCAGC  $\tt
CTATGTCTTCTACGATTACGGGATCTGCGACTTCGCCAGTTTCATCACTGCAATCGCGATGCGGATCGCTGCCAGCATTCGCTGCCAGCATTCGCTGCCAGCATTCGCTGCCAGCATTCGCTGCCAGCATTCGCCAGCATCGCCAGCATTCGCCAGCAATTCGCCAGCATTCGCCAGCATTCGCCAGCATTCGCCAGCATTCGCCAGCATTCAGCAGATTCAGCAGATTCGCCAGATTCAGATTCAGATT$ TCATTGTGCGGATGTTCAGCGCCTTCCATTTCCTCCGGATCATTTTCCTTAGCTTCAACCTGACTCTCTTCATCGAATGT TTCCTGGTATGTTGCGTCGCCCATCACCGCACCACAGTCAGGGCAGTTATCCCCGCCAGTCTGGCCGCAGGCATTGCAGG TACACACAATCGCGAGTCTGGATCCCCTTTACCCATTTCGGATCGTTCGGGTCGCTAATTCCGTCAACAAATTCACCACG TGATGCAGCAAGCAATTTATCGTCATCGACAGGATTTTTTGATGGAATGTTTTTCCGGGCTTCATGGAGTTCTGCCCGCA GTTCCTGATATTTCGCATCAACAGAATTTACCTGTGACTGAGCATCCAGCGGCTGCGTGTCCTGATGATGTTCAGTTGCG TCCGGTTCCATTGTTTCAGCCTCTCCCTGTTCAACTGCCGTTGTTCCAGATGGTTGCGGTTTTTCTTCATCATCCTGTTT TCCTTCTTCTGTTACTCGCTGCGGCATCGGGGCAGAGGAGCGACCGCAGGCAATATCCACGATTTCCGGATCAGGGTTGG  ${\tt CATGATCGGTTTCAGTACTTTGTTCAGATATTCAGTGACGTGCGCGGGGGATGACCTCGATCCCAATTGGTGCTTCT}$ TTTACGGACGCAACCACGATGGCGCGGGAATAATCCAGCCCGCCAGGCATGGTGATGAATTTGTCGCGGAAAACAGAAAA GGGCGGTTTATTTTCAGCGATAATTTCCTCAATGCGTTTAGCGTGTGCCGGATGAAGGTTATAGATGTCCAGATCCATTG TTTCCGCCGCCAGCATTAGCACCGGAAGCCGTGCGAGTGATGTGTGAAACACGATTACCCTTCATCCACTCTTTTGTCAG  ${\tt CAGTCCTCGATCGGTGTCAGCGTTCAGGTATGCTTCGAAAAAAGCAGTTATCAGTCCCAGGTTTGAATTACCAGGAT}$ TAGGGAAAACTTTGTCAGTGTCACGAACCAGTTTGTGGAGTTCGCGAATTTCCAGCGGGTCGAGCAGGCTGGTTTTGTGG GAAACAGCCAGGGCAGTAACAGCCGGTAGTTCTTCAGCCCGAGCAATGTGTAATGCCTGGAGTCCGTCGCGTGAAACGTG  $\tt CGTTACCGGTTTTTCGCTGCCGTGTTGAGCAAGCCAACGAATGGGCAGTTCCTGGCCAGAAATTGGGAGTAGCATATTCT$  $\tt CCTCAATCTCAGTCATGTCTTCGCCGTTGACGTTGGTATTGCCTTGATAGTGAGCGTTGTCTGGTGCTCCCGGTTTT$ AGTTCCCATGTCATGGAGTCTTTGCTGAGTTGATAGCGTTCACTCCAGGTAAAATCGATCTCACCTTCAGCGGGCAGGTC ATTAACGACAGGAAAATTCGTGGCAACAGCTTTAAAATAGCTGCTCAGTTTTTTACCTGACTTAACGATCAGGTAGTCCA GAGTGGCACAGGTCGATTCAAAATCGTTGCTTGCCCACAGGACGTCAGGTTCACCGGATGATTTTTTCGCTTTCCGT AACAGGAAGAGTGGTTTTGTGCTCATTGTTTTTTAACCTCAACTCAGATTAAAATTCGTTTTGTTCAGTGAATGATCTTG TAGCCAATGCGCTTTCCTTCCAGATTCACCTCGTGAACAATGTCATCGGTAGTTACAACAGTGGCTTCATAATTGGTAAT  ${\tt AAGTTCATGTGCCATCTGGTCTTTTTCGGCACAAGCTTCACTGCAATATTTTCTCGGTTCGTCTTTTGATAAAATCCCGT}$  TTAGTCATCACCATGACTCCGCCTTTACAGGTAAACCATCACGACCGAGGAAGACTTTAATCATGCGGTCAGTAATGAAT GTTTTTGTGGTCAGGTTACGAATATATATGTTTTCGCTTTTTAATATGTTTGCCGAGGCAATATATGTCCGGCCTTCATG AAGAACATAATCGCCAGGAGTCACACTGACGTGGTATTTCATCAGTTCCGAAGTGATGTGCAATCATAATTATCTCCATTTTTACAAATGAACTTTGTTGATGCGGTGTCTGGTGCCTCCAGGTGACTGCAACCAGTTAACAATTACAGTCGGCTTTC ACAACCGGAGGCGCACTCCCACCATTTAAATTTAACAGACAAGACCGACTCTTTATGGATATCGGAAATGCGCCTTCGTG TTGTGCCCGGTTTTATTTCACCACCTCCGGGCTTCGGTGGTCTCGGCTATACCCCTACAGCGAGAGCTTGTGTTAACATT TCAATACCCTTACAGTTGAGAGTTATTGATATGTTGGATGTATTTACTCCATTGTTGAAACTTTTTTGCTAACGAGCCACT CGAAAGACTTATGTATACGATTATCATTTTTGGTCTCACTCTCTGGCTGATACCGAAAGAGTTTACTGTCGCATTCAATG CTTATACTGAAATACCTTGGCTCTTTCAGATTATCGTTTTTTGCCTTTTCGTGGTCGCCATTTCCTTCTCAAGATTG ATTTAAAGATTTCCTTAAAACAGGAAATCTTATTATCACTTCTCCTTGCCGTAACCCGGTTATGAAAAAATTAGAACGGA AGGGCATCATTCAACATCAGAGTGATAGCGCAAACTGTTCTTATTATCTCGTCACCGAAAAATACTCCCATTTTATGAAG TTATTCTGGAACAGCAGGAGTAGACGTTTTAATCGTTAGCTTACTGTGTGCTTCTCCAACCATCGGCGCGCACCAGTTTC GGTTTTAAATGTTTTGCTTTTGGTATACGTCATGGCAGTGAACGTTCCATCCTGGTTGGGGAACACCCCCGCACACCAGGG GAGATCCCAGTCGTTGCTGCGTAAAGCCTGCACAGCCTGGTTGTAAGTGATACCGCAACAATCCATCAAATACTGAACTA  ${\tt CGTCATGTTCATACGCCTCGGGCTGGCTACTTAACCCCCTTACCACTGCCTGGTAACTCGAAGTATTGCCCGGCGTTCTGT}$  ${\tt AAGTTTAAGTTCCAGTTTTTGTGATGTTCTGGCTTTTCCGTTCAGATTCAAGAGCCTTTCAGATACTTACCCACTTTCATT}$ TCCATCGCTGCTATGTAGGCGCGAACATCGTGGTCAACCCAATCTGGTTCTGTAGCATTTCCAGATAACAGGAAAGCTAC AATCGCTCTTATTTCATCAGAGGCTGCTTGATAAAGGTTGTTTATATCTAAAAGTTCACTTTTTGTATCTGAATTGGTGG GGGTTGGTATGGGGTATTCGTTAAGCCCCCAATGCTCTGGACCAACACATCAGAAAAGAAACGCCATAATTCTGGAAGT TTATCTTTACTTATAGAGCCTTTCTTAATCCAGTCATAAATTGATGGTGGTTGGACTTTAAAGTGGCGTGCGACCTCCGC CTTTGATTTGACGGATCCCGATGCGATTTTTTTTGTTAATGGCCTGCTCTATCGCTCGGCCTAAGTCTTTACCACTAAGCA TTGCTTAATATTCTCCTATGCGCATTACATTAGGCAATCCCTACCCTTACTGCATTAGGCACAGCCTATTGACAATTGCG ATATTGACTGGTCATATTTACGACGTTCGGCATGTTGTTCGCAGAATATGTCAGTGAAGCAACTAAATGACAGTAACAAA TCCTCATTTGATCATACCTGAAACATCAAGAGGCAAATGATTCATGAAAATCAAGCATGAGCACATCGAATCAGTGTTGT AAGAGAAAAAATTCAGAAGCTGATCCCAGCAATTCTGGCAATCCTTCCGCGCGAGCTGCGTCACCGACTCTGCATCTTCG ATACCCTGGAACGCCGTGCATTACTGGCGGCGCAGGAAGCGTTAAGTACGGCAATTGATGCGCATGATGATGCAGTCCAA GCCGTTTACCGGAAAGCGCATTTCAGCGGCGGCGGTTCTTCCGACGATTCTGTCATTGTTCATTAAGCAAAAGTTTCCAT GCTGTTTGTGCTTATTCTAAGCCACCGGGCAGCATCATACGGGGCAATTATGGCCGCATTACCATACATGCAACTGTACA TAGCTGATTACCTGGCTGACACCATGCATTTGTCAGCAGAGGAGCATGGTGCGTATTTGTTGCTGATGTTCAATTACTGG AAACAAGAGAGAAATTTAACAGGTGTTCAAACAGATGTTGAAGTGGTGTTTGAACATGATGTCAACACAAAGGCAACTAA TAAAGATACAGATAAAGATCTAAAAACAGATCCCCCCCTAAATCCCCCCCGGGGGAATCGAGGTGTCAAAAAGTTTGACC  $\tt CTCTGGATATTACTTTGCCGAACTGGATTTCTGTCTCGCTTTGGCGTGAGTGGGTTGAATTTCGCCAGGCATTGCGAAAA$  GGTGATTCGACACAGCATCGCCAATGAATACCAGGGCTTGTTCGCGCCGAAAGGTGTTCGACCTGAGACGTTACTCCGAC AGGTTAACACCGTCTCGTTACCGGATAGTGCGATCCCGCCAGGCTTCAGGGGGGTAACTGACCATGAAAAATATTGCGACA GGCGATGTTCTTGAACGTATCCGCAGACTGGCCCCGTCACATGTAACCGCGCCATTCAAGACGGTAGCGGAGTGGCGCGA GTGGCAACTTTCCGAAGGCCAGAAACGTTGTGAGGAGATCAACCGTCAGAATCGTCAGTTGCGGGTGGAAAAAATTCTGA ATCGCTCTGGCATCCAGCCATTGCACCGCAAATGCTCGTTTTCGAATTACCAGGTGCAGAACGAAGGGCAGCGATACGCG TTGAGTCAGGCGAAATCCATCGCTGATGAACTGATGACCGGGTGTACAAATTTTGCGTTCAGCGGAAAACCTGGTACCGG GAAGAACCACTTAGCGGCAGCTATCGGGAATCGCCTGCTGAAAGACGGTCAGACAGTGATTGTGGTTACCGTGGCTGATG TTATGAGTGCCCTGCACGCCAGCTATGACGATGGGCAGTCAGGCGAAAAATTTTTTGCGGGAACTGTGCGAAGTGGATCTG AGCGTCGATGCGCAGCGTGGGGATGCTGACAAACCTGAACTATGAGGCCATGAAAACATTGCTCGGCGAGCGGATTATGG  ${\tt GCGAAGTAATTTTACCGGGAGAAAAATTTAATGGAGACTGTTTTTGACGCACTGAAAGCAATGGGAAAAGCCACATCCA}$ AATCACCACAGCAACAGTAGCGAAAATCTCAGAGTGCGATTTAACCGCGACGATTGAACAACGAGGACCACAAACGGCTG ATGAGCTGGCTACATTGTTTGGTACCACATCACGCAAAGTGGCTTCAACGCTGGCAATGGCAATCAGCAAAGGTCGTCTG ATTCGCGTAAATCAGGGCGGTAAATTTCGTTACTGCATACCGGGCGATAATTTACCAGCAGAGCCGAAAGCAGCATCGGT ATCTCCGCTCTGGTTATCTGCATCGTCGTCTGCCTGTCATGGGGTGTTAATCATTACCGTGATAACGCCATCGCCTACAA AGAACAGCGCGACAAAAATGCCAGAGAACTGAAGCTGGCGAACGCGGCAATTACTGAGATGCAGATGCGTCAGCGTGATG TTGCTGCGCTCGATGCAAAATACACGAAGGAGTTAGCTGATGCGAAAGCTGAAAATGATGCTCTGCGTGATGATGTTGCC AGCCTCCCCCGACTGGCAGACACCGCTGAACGGGATTATTTCACCCTCCGGGAACGACTGGTAATGATGCAGGCCCAAC TTGAAGGTGCTCAGCAATACATAACCGAGCAGTGTTTAAAGTAAAATCTTAACTACAATATGATTCATTTTGATGATTGT TTCATAAGGAACAGTGAAGTAAGATCTAAGAGGAGTTAAATTTTATACAGTATAATCATAATATTGCAGCAAGGTGGTTA TAATTGAAAGAATATTTAGATATGAATACATCTCATGTAAGAGTTGTTACTCATATGTGTGGGGTTCCTGGTTTGGCTCTA TTATATTTTTTGCATTGGTGGCGGAGCGTGGTATACAACTAAGAAATCTGGCATTCAATTACGTACCCGTGATGGGTTTATTATAATTGTAATGTTTTGGATTTTGTTTTTTTATTAGTGCATTCCCTTTATGGATTGACTCAGAACTTAATTTAAC GTTCATTGATGCTCTGTTTGAAGGGGGTTTCTGGAATAACAACAACAGGAGCAACTGTAATTGATGATGTTAGTTCATTAC  $\tt CTCGGGCATATTTGTACTATCGGTCACAGTTAAATTTTATAGGTGGTTTAGGAGTTATTGTTCTGGCGGTTGCTGTATTG$  $\tt CCTGGCCGATACGTCACGGACACTGTGGATAACTTATTCTTTATTAGGTATTGCTTGTATTGTCTGTTATAGACTTGCAG$ GAATGCCTTTGTTTGATGCTATTTGTCACGGGATTTCCACAGTTTCGCTTGGTGGTTTCTCAACTCATAGCGAGAGTATC GGATATTTTAATAACTATTTGGTTGAGCTGGTGGCTGGTTCTTTTTCCCTGCTATCGGCTTTCAACTTCACTCTTTGGTA GCCAGCTCCATGCTCACTGATAATGGTTTAGCTACGCAGGATTATGCAAGTTGGCCCACGCACACGATAGTGTTTTTGCT GTTGTCAAGTTTCTTTGGGGGATGTATAGGTTCAACTTGTGGTGGAATTAAGTCACTTCGATTTCTTATACTTTTCAAAC AAAGCAAACACGAGATAAATCAGCTTTCTCATCCCAGAGCGTTGTTGAGTGTAAATGTAGGAGGGAAGATAGTTACAGAT CGTGTAATGAGGTCTGTATGGAGTTTCTTTTTTCTTTATACTCTCTCCCGGTGTTTTTTTATACTGGTGTTAAATGGTAT GGGATATGATTTTCTTACATCATTTTGCAACAGTGGCTGCATGTATTAATAATATGGGATTAGGTTTTTGGGGCTACTGCAT  $\tt CGTCATTCGGAGTGCTTAATGACATTGCAAAATGCTTAATGTGCATAGCTATGATTCTTGGTCGCCTTGAAATTTATCCT$ GTTATTATATTGTTTTCAGGTTTTTTTTGGCGCTCCTAATATATGGCTGATTTATAATTGTGAGTTTAATATTATGTTGA  $\tt CTCACTCATTGATCCAATACCTAACTTTACCAGCAACACCTCCGTCCCCAGTAGCACTGGCTGCTGGGGTGCGTTTTATT$ CATAAAGCAAGGCTGTATGAGCGAGAAATTAAAGATAGTCTATCGCCCATTACAAGAATTGTCACCGTATGCGCACAACG  ${\tt CCAGGACGCACAGTACTGAGCAGGTGGCACAACTGGTAGAAAGTATTAAGCAATTCGGCTGGACTAATCCGGTGCTGATT}$ GACGAAAAGGGCGAAATTATTGCGGGTCACGGTCGTGTTATGGCGGCTGAAATGCTCAAAATGGATTCTGTTCCGGTCAT TGTTCTGTCTGGCCTGACGGATGAGCAGAAGCAGCGATAACGATCAGTATCGCTCCCGTAATGCATTAATCCGTCGCCAC TGATTTACTCATTGATAATGCCGCTCGTTATCTGCTGAAAGACTGGAAAGGGGTTGGTGAACTGGTTAATGGTGTTGAGG TTGCACTGGAATATACGGCAGAACGAGGGATCGCGCTGCTTAAGCAGAATCCAGAGTTGTACTGGCAGAATCCTTGCAGAA GCAGCCAGCATCGCCCAGGGTAAAGAGCAGCAGAAGCAGGATACGATAAAAAAGCCATAGCTGCCCAGCGGTGGTTATCG GAGTTCGGGGGGAAAAGGGGAAAAGGCAAGATGGAAGCGAGAAAAACTCAGGTTGCCACCGATACCGGAACCAGAAAT
AGACCCGGTGCTTAAGGAGTTGTTGTACGCCTATTCGGTAATATCCCGTGCCCGACGTTATGCTGGAATGGCTGGGGTGC TGATGGTGTCTTTAATTAAATCGATGATGCTCCTGGAGAAAAGCATTGCGTGGCCTCGTAATCGCTATATCTACTATTAT GTCGCCTGAAACCCACTTCGCGGTGGGTTTTTTGTTGTCAGGAGTTTTAATAAATGGCAGAGCAAACCTCGCGTCTCGCA ATAATTATTGATAGCACTGGAGCGAAAAATAATGCTGACAATCTGACCTCCTCATTAGTCAAAATGACGCAGGCTGGGGA AACTGCTGCAAATAGCGCAGGGAAAGTGACTAAGGCAACAGAAGATGAGAAGAACGCGCTCGCAAAATTAAAAGCAGCTA TTGATCCAGTTGGTGCCGCAATTGATACTGTCGGTCGACGCTATTCTGAATTAAAGAAATTTTTCGATAAAGGGCTTATT GATAAAGAAGAATATGAATTTCTTGTCCGTAAACTTAATGAAACCACAGAGGAATTGAGCGGGGTTGCGCAAGCGCAGAG AGAAGCCGAGAAGGCCGGAAAACTTGCTGCCGCTCAGCAGGAAGCCCAGGCTCAGGCCTTTCAAAGAATGCTGGACAAGA TCGACCCTCTGGCTGCGCGCTAAGAAATCTTGAACAACAGCATGATGAACTTAATGCTGCGTTTGCATCCGGGAAAATA AATGGTTCTCAGTTTGAGAATTATAGCCGAAAAATACAGGAAACACGGCGAGAGCTTACCGGAGAGGCTCAGGCAGAGCG AGAAGCAGCAAAAGCCCATGATGAACAGGTTGTTGCTTTGCAACGTCTGATTGCTCAACTTGATCCTGTCGGAACTGCTT TTAATCGTCTGGTAGAACAACAGAAACAGCTCAATGAAGCAAAAGCTAAGGGGATGCTTTCTCCTGAAATGTATGAGGAG A CAAACGGCTTTTGCTATGCGCATGTTGCCTGCACAAATGACGGATATTGTTGTTGTTGTCCACTGGTCAGTCGCCATTTATGGTGTTAATGCAGCAGGGCGGCCATTCAGCTATGCAGGAGACAAGAATCGCCAGCTTACCCGTTACAGCGATACCC GCGTATGCGATGGCGGTATGGCTTACAGCCGTGTGTCGACTTTCTCCGGGGATTATCTCCGCGTAACTGACAACAAGGG  ${\tt AAGGTGCGAATAAGCAGGTCATTTCTTCCCAAGCTGACTCGCTGATTAAAATTTCGCGGATCTGGGCCGATTTTTTTCCC}$ GCAAACACATCGAATCAGCCTATTTAGGCTATTTTTCCACCATTTCTGGCGTTATTTCCGGTTTTTACTGAGATCTCTC GCCCCTTGTATCTGGCTTTCACGAAGCCGAACTGCCGCTTGATGATGCGAAACGGGTGCTCCACCCTGGCACGGATGCTG  $\tt GCTTTCATGTATTCGATGTTGATGCCGTTTTGTTCTTGCGCGGGATTCTGCTTCAAGGTTTTTACCTTGCCGGGACGCTC$ GGCGATCAGCCAGTCCACATCCACCTCGGCCAGCTCCTCGCGCTGTGGCGCTCCTTGGTAGCCGGCATCGGCTGAGACAA  ${\tt AGGCCACTCTTGGCATCGACACCAATGTGGGCCTTCATGCCAAAGTGCCACTGATTGCCTTTCTTGGTCTGATGCATCTC}$ TCATGACGCCTGCTTCGGCCAGCCAGCGATTGATGGTCTTGAACAATTGACGGGCCAGTTGATGCTGCTCGAGCAGGTGG  $\tt CGGAAATTCATGATGGTGGTGCGATCCGGCAGGGCGCTATCCAGGGATAATCGGGCAAACAGGCGCATGGAGGCGATTTC$ GATAGGGCCGTCGGCCATTGCCCGCCTTGGGATAAAACGGCTCGATGACAGCGGTCATATTCTGCCATGGCAGAATCTGC GCTCATGATGTCCCTCTGGGATGCGCTCCGGATGAATATGATGATCTCATATCAGGAACTTGTTCGCACCTTCCCAAGGG GAAAACGCACGACGTGCTGACCGGAAGTGATGACGGTCGCCACAGCAACACGTCTCTGGCGTGGGGAGCTGGCGTGCAGT TTAACCCGACCGAATCCGTGGCCATTGATATTGCTTATGAAGGCCCCGGCAGTGGCGACTGGCGCACTGACGGTTTCATC  $\tt GTGGGTGTCGGTTATAAGTTCTGATTAGCCAGGTAACACAGTGTTATGACAGCCCGCCGGTTCAGGCCGGCTTTTTTGTG$ GGGTGAATATGGCAGTAAAGATTTCAGGTGTACTGAAAGACGGCACAGGAAAACCGGTACAGAACTGCACAATCCAGCTG AAAGCAAAACGTAACAGCACCACGGTGGTGGACACGCTGGCCTCAGAAAATCCGGATGAAGCCGGGCGTTACAGCAT  $\tt GGACGTTGAGTACGGTCAGTACAGCGTTATTCTGTTGGTGGAAGGATTCCCGCCGTCACATGCCGGGACCATTACCGTGT$ ATGAAGATTCTCAACCCGGTACGCTGAATGATTTTCTCGGTGCCATGACGGAGGATGATGCCCGTCCGGAGGCACTGCGC  AAAAGTGCTGCCGCTGCAGAGTCCTCAAAAAGCGCGGCGGCCACCAGTGCCGGTGCGGCGAAAACGTCAGAAACGAATGC TTCAGCGTCACTACAATCAGCAGCCACATCTGCATCCACCGCGACCACGAAGGCATCAGAAGCTGCGACCTCGGCCCGGG CGCCTCGGCTGCGGCAGGCTCAAAAACAGCGGCTGCGTCGTCTGCCAGTGCAGCGTCAACAAGTGCCGGGCAGGCCTCAG CGCAGAATCCTCAAAAACGGCTGCCGCATCGTCAGCCAGTTCGGCGGCGTCATCGGCATCATCGGCGTCTGCTTCAAAAG  ${\tt ATGAGGCGACCAGACAGCGTCAGCAGCGAAGAGCAGCGCCACGACGCATCCACGAAGGCGACAGAGGCTGCTGGCAGT}$ GCGACGGCGCAGCTCAGAGCAAAAGTACGGCGGAATCCGCGGCAACGCGCCGAGACAGCAGCTAAACGGGCAGAGGA TATTGCATCCGCCGTGGCGCTTGAGGATGCAAGTACGACGAAAAAGGGGGATAGTACAGCTCAGCAGTGCGACCAACAGTA CGTCTGAAACGCTGGCGGCAACGCCAAAGGCAGTAAAATCAGCCTATGACAATGCAGAAACGTCTGCAGAAAGACCAG AACGGCGCTGATATACCCGATAAGGGATGCTTCCTGAACAACATTAACGCGGTCAGTAAAACAGACTTTGCTGATAAGCG TGGTATGCGTTATGTGCGGGTTAACGCTCCTGCAGGTGCAACATCTGGAAAATATTACCCTGTTGTTGTTATGCGTTCTG GAGTTTAACGGATTTGTTATGCCTGGTGGCTGGACTGACAGGGGGGCGTTATGCTTATGGCATGTTCTGGCAATATCAAAA CAATGAACGAGCCATTCACTCAATAATGATGAGTAATAAGGGCGATGATTTTGCGCTCTGTGTTCTATGTTGATGGCGCTG  $\tt CTTTCCCTGTTTTTTGCGTTTATTGAAGATGGCCTGTCAATATCCGCACCTGGTGCTGATCTCGTTGTTAATGATACGACC$ TATAAGTTTGGGGCAACAAATCCGGCGACTGAATGTATCGCGGCGGACGTTATCCTTGATTTTAAGAGTGGGCGTGGTTT TTATGAGTCTCATTCGTTAATCGTTAACGATAACTTGTCGTGCAAAAAACTTTTTTGCCACAGACGAAATTGTAGCGCGTG GTGGTAATCAGATTCGAATGATAGGTGGGGAGTATGGTGCATTATGGCGTAATGATGGCGCTAAAACTTACCTGCTGCTT  ${\tt ACCAATCAAGGTGATGTTTATGGTGGCTGGAATACATTAAGACCGTTTGCTATTGATAACGCAACCGGCGAACTGGTTAT}$ TGGAACCAAACTGTCCGCAAGTCTGAACGGTAATGCATTAACAGCAACAAAGCTGCAAACGCCAAGACGGGTTTCTGGTG TTGAGTTTGATGGTTCCAAAGATATTACTTTAACCGCCGCGCATGTGGCTGCTTTTGCCAGAAGGGCAACGGATACATAT GCCGATGCGGATGGTGGCGTTCCATGGAATGCCGAATCTGGCGCTTACAATGTCACCCGCTCTGGCGACAGCTATATTCT GGTTAACTTCTATACCGGAGTCGGAAGTTGCCGGACCCTGCAGATGAAGGCGCATTACAGAAATGGTGGTCTGTTCTACC GTTCTTCAAGAGACGGTTATGGTTTTGAGGAAGACTGGGCAGAAGTTTATACCTCGAAAAATCTTCCACCAGAAAGCTAC ATCTGCTTACCCGAAACTTGCAGCCGCTTATCCGTCAGGCGTGATCCCTGATATGCGTCGCTGGACGATTAAGGGCAAAC GATTTGGGGACGAAAACCACATCGTCGTTTGATTACGGCACTAAATCCACGAATAACACCGGGGCACATACACACAGTGT GAGCGGCTCTACAAACTCGGCTGGAGCACACACACCCTCACTAGCCAACGTGAACACGGCTAGTGCTAACTCCGGTGCTG  ${\tt TCCGGCACTGCTGCAAGCGCAGGTGCACACGCGCATACTGTCGGTATTGGTGCTCATACGCACTCCGTTGCGATTGGTTC}$ ACATGGACACCATCACCGTTAACGCTGCTGGTAACGCGGGAAAACACCCGTCAAAAACATCGCATTTAACTATATTGTGA GGCTTGCATAATGGCATTCAGAATGAGTGAACAACCACGGACCATAAAAATTTATAATCTGCTGGCCGGAACTAATGAAT TTATTGGTGAAGGTGATGCATATATTCCGCCTCATACAGGTCTGCCAGCAAACAGTACCGATATTGCACCGCCAGATATT  $\tt CCGGCTGGCTTCGTGGCTGTTTTCAACAGTGATGAGTCATCGTGGCATCTCGTTGAAGATCATCGGGGTAAAACGGTTTA$ TGACGTGGCTTCCGGCAACGCGTTATTTATTTCTGAACTCGGTCCGTTACCGGAAAATGTTACCTGGTTATCGCCGGAAG GGGAGTTTCAGAAGTGGAACGGCACAGCCTGGGTGAAGGATACGGAAGCAGAAAAACTGTTCCGGATCCGGGAGGCGGAA GAAACAAAAAACCTGATGCAGGTAGCCAGTGAGCATATTGCGCCGCTTCAGGATGCTGCAGATCTGGAAATTGCAAC GGAGGAAGAATCTCGTTGCTGGAAGCATGGAAAAAGTATCGGGTATTGCTGAACCGTGTTGATACGTCAACTGCACAGG ATATTGAATGGCCAGCACTGCCGTAGGGTAAAACATATAAATTCTATAATTAGATGTATCTTTCCATTTACGGCAAGGAA  $\tt GGGGGCTTGGAAGACGTAAAGCATCTCACACCGAGATTATTTTTTATATGTCAGGTGTCTGAAGTTTTGCTTTGGCTCTT$  $\mathtt{CTGTTTCTGTTCATTTAACACAGGAGGTCGACCAAAACGTTTCCCTGCGCCGCGGGCTCTTACTATCCCGGAATGAG$ TGCGTTCAAGTAAAAGGTCTCGTTCAAATTCAGCGACTGCTGAAATTACTTGCATCATCATTTTTCCTGTTGGACTGGTC AGGTCAATGCCACCCAATGCTAAGCAATGCACTCTGATACCTGTTTCGGTCAGTTGTTCCACTGTTTTCCTGATATCCAT  $\tt CAGGACGCTCACTGGTTGCTGAGCCGCTAATGTGTTCTTCGATTATTTGCTGAGGTTTGATTTTAAAACCTGCACTT$ TCGATTTCCCGGCGTTGATTTTCGGTGGTCTGATCCAGCGTTGATATCCGACAGTAAGCAAAAATTCGAGACATAGTGAG ACGTTCGAAAATAAACGAATGCGTATGCAACCCCGTAATTTTGGTGAGACCCAAAATCGATTTTGTGAAAAATGGCTTTA  ${\tt ACTCGGTTTGTTTTTCGAGTTCCGGGCGGACTCAAGGAAGAAGAATAGTGTTGCGTGTTATTTTAACCAGATTTCAAGTT}$  ${\tt CCATTTAAATTTTGGTTGTCTTTAAGAACTGATATCGCTGTTTGTAATAATTCTTTGTTATCCAGCCATGATGTTTTCTT}$ TATGTTTCCTTCAATGTAATCAAGCAATGTTCTGGTATTGATAGGTCTTCCCTGTTTTTGCTACTTCCACTACAGCATCCC  $\tt CTAGGATAATTCTTACTTCAGGAAGCTGCGCAGGGAACCACTTTAGGGTGTCTTTTGATTTCATGAAGATATTCCTTAAA$ ATATTATTGATTTCATTGCGATATTGTATGTCTGATTCAGGATATGTTGACTTATACATCGGTTTTGTCTGGGTTATTG GATATGCCAATCCCTAATTTTATTAGAGCATGACTAAAAATGCTGAATATGATAAGGAGCGAAGTGATTATCAGTATGCT GTTCATATAGCCTCGAATTAGTAATGTTTATATATGATATAGTTGACAATTTTTATCCTGGGTGTTCTTAAAGTTCGTA GATAAACATTGTCGTTTCAGGTATACAGGAATGCTAACAGGTGGCGGCAAAAATCAGGCGGTTTATGGCGCAAGCTGAAG TGGCAACTGCAAACTATCTTATGCAGAGACTCTACACGGATTGGGTTTAAAAGTATACATAGATAACAGTTTTTATCTGA TTGTCGCTGATGATATTTAACACATTGAAAAATAAGTAAAATACTTATGAGTCAGAGAGTTGTGATTTTTGCCCTTACTT GTTCAGGTTGTATTGTTCTTACTAATTTCTTGATTTTGCGACATTTAAAAGCGACTCAATTCGTTATATGGCATCA GAAGAGTATGCGTCATGCCGGAACGCCCAGCATAAGAAATCTGATATAAAAAACTGTGGCGTGTATGGTACGGATTAGAG GGGAAAATGTCAGCACATTTGCGAAATGAATCAAAAAGCCCGCAGCAATGTGCGGGCGTTAGTGTCAGCGCACAACCAGC  ${\tt AATGATCATATGAGCGGGGATCTTCTTCGCCAATTCCAGAATGCGGTCTTTGGGCGAGCCTTCCTCAACATGGACATGAGACATGGACATGAGACATGAGACATGGACATGAGAATGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAATGAGAGAATGAGAGAATGAGAGAATGAGAGAATGAATGA$  $\tt GCACTCTGTCGGTTGGCAGTTTAAATTTTTTAATGATCTCTTCCAGTTGCGATTTGGCTTCCGCTTTCAGGTCATCCATT$  $\tt GCCGGTAATTCTGCGGAATACGCTAAACCCAGAGAGGCATAGTAGGGCAGTGAAGGTATTACCGTCAGGAAATGAACCTC$ TGCATCATCAATCTTTGCCTCTCACGTGGCTAATCACGCGTTGAGTTAATTCTGAATCGGAAATATCGATAGGGA CAAGAATCGTTCTGTTCATAAAACCTCCTGTTTTAGTATCCGCATAAAGTGTAACGCCAGATGACACTTTTTGTGTAATG  ${\tt ACGGAGTTCACATTTTTAATTTAGATCAAAGGAGGAGAATAAGCAGAAAAAGCCCGCCATAACAGCGGGCAGGAGGATT}$ TAGAACTGATAAACCAGACCTAAAGCGACAATATCATCGGTAGAGATGCCATTGGCAGCGTAGAAGCTGTCATCTTCATC  $\tt CCAGATCTTTATCATCAACACCTGCCGGGTTGTCTGCACCACCCGCAGCGTGCAGGTCACGGCCTTTAGACATCAGGAAA$ ATCGCTGTCGCCAAACGGGGTCATATTACGCGTTTCTGAATACATGGTTGCCAGGTAAATATTGTTAGCATCGTATTTTA GCCCAGCAGTCCACGCGTCTGCTTTATCACCACCCGCCGCAGTATGGTTAACCTGGTCATTGGTGCGGTCAGAAGAGGTG
TATGCCGCACCAGCGCTAAAGCCCATGCCTAAATCATATGTTGTGGAAAGACCCCAGCCGTCACCGTTTTCATGGCGAAC CATTTACCAGACCGAAGAAATCAGTATTACGATAAGTCGCGACGCCATTGGCTCGACCAGTCATAAAGTTGTCTGCATTG GTATAAGAGTCACCGCCAAATTCAGGCAGCATATCGGTCCAGCCTTCGATGTCGTACATTACGCCATAATTACGTCCGTA  ${\tt ATCGAAAGAACCGTAATCTGCAAATTTCAGCCCGGCAAATGCCAGACGGGTCCATGACTGGTTTTTTGAAGATTCAGTGT}$ TGTTTGCCTGAATATTGTATTCCCATTGACCGTAGCCAGTGAGTTGATCGTTAATTTGGGTTTCGCCTTTAAAACCCAGA CGCGCATAGCTCTGGTCGCCATCTTTCGCTGAATTATCAGAAAAATAATGCAGGCCATCAACTTTGCCATACAGATCTAA TTTGTTGCCGTCTTTATTATAAACTTCGGCTGCATGTGCAGCACCTGCGGCGAGCAGGAATTAAAAGTGCCAGTA GAGAAGTTCAGTTAGCCGATAAATATCATTTGTTACGCCTTAAGTAAAACCTTAATCAAATAATTCCTCTGAAATGATAA TAAGTCTGGTGAATGTATCGAAGATAATACATACAAAATAAAAATTATACTTTTAATTTGCTATACGTTATTCTGCGCGG GTTATATGCCTTTATTGTCACAGATTTTATTTTCTGTTGGGCCATTGCATTGCCACTGATTTTCCAACATATAAAAAAGAC GAATCCAAGGCCAGCGGCAGTTTGCCTTCATCGGCACGACGCGGATCAAAGCGATATAGCGGCCAGAAGCCGGTAGCTGT GAGTTGGCGCATCTGGTCGTGGCTGAGTGCCAGATCGTAACCATGCTCTTCACACGGGCTATAAGCAATGATCAGCGATG GCCCCGGATACGCTTCCGCTTCCTGAATCGCTTTCACCGTCTGGTTCAGCTGCGCCCGAGAGAAATCTGCGCCACATAA ACATGACCGTACATCATACTGACGCCAAGATCTTTACGCGCTTTACGTTTGCCGTGCTCGCCAAATTTAGTTACTGC  ${\tt ACCCAGCGGTGTCGACCACCGGTGTTGGAATAGCATTGCGTATCCAGCACCAGAATGTTGACGTTTT}$  $\tt CCGTCAAACTCAATACATGATCCAGACCGCCAAAGCCGATATCGTAAGCCCAGCCATCACCACCAATCAGCCAGATTGAT$ TTTTCCACCAGTGCATCTGCATCACGTAGCAGTTCATGTGCTTCGGCAACATCGTTGAGTTGCTGGCGTAAAGCTGCAAC  $\tt CCAGCAGACGCAGCACGCGGACACGGTGTTGATCGACCGTCAGGCCGAAACCAAGGCCAAATTCGGCATTATCTTCAAAT$ AGAGAGTTCGCCCATGCCGGCCCACGACCGTTGGCATCGGTGGTATACGGTGTAGAGGGCAGGTTACCGCCATAAATTGA AGAACAGCCAGTGGCGTTAGCGATCAACATCCGGTCGCCATAGAGCTGAGTCAGTAATTTAATATACGGCGTCTCGCCAC AACCGGAGCAAGCACCTGAATATTCAAACAGCGGTGTAATCAGCTGCGATGTACGAATATCAATACGTTCCAGTTTGCTA  $\tt CGGTCGATTTCTGGCAGGTTGAGGAAGAATCGTAATTGATTTTCTCTTCTTCGACATGTTCCAGGCGAGACATCATATT$ GATGGCTTTAATCTCTGGATTCTGACGGTCTTTCGCCGGGCAAACTTCGACGCACAGGTTACAACCGGTGCAATCTTCCG GTGCCACCTGCAAGACATATTTCTGCCCGCGCATATCACGCGATTTCACATCCAGCGAATGCAGGCTGGCAGGGGGCGTTT TCCATCGCTTCAGGCGGCACCACTTTTGCGCGAATAGCTGAGTGTGGGCAAGCGGCAACGCAGTGGTTACATTGGGTACA GAGTTCCTCTTTCCAGATGGGGATCTCTTCGGCGATATTGCGTTTTTCCCAGCGCGTAGTGCCCATCGGCCAGGTGCCGT CGCCAGCGCCAGAGCCTGCCAGTTGCGTTCCACCAGATCCTGGCCTTTGCTACTGTAACTTTTGGCAATCGCACCCTGCA ATTCTGCGAGGGCGCTATCGCCAGGCAGAATTTGCGTCAGATGGAAAAAAGCCATCTGCATGACGGTATTAATACGGGCC GCCAGGCCACATTCGCGGGCGATTTTCGCCGCGTTAATCACATAGAAGCGCGCTTTTTTCTGGTTTAACACGGCCTGAAC TTCTTGCGGCAAGCGCGACCACACTTCATCTGCGCTGTACGGCGTGTTGAGCAGGAAAATGCCGCCAGGTTTTAAACGCT ATCGGCTGTTCGCTCACTCGAAGGTGAGAAACCGTCAGGCCGCCCTTTTTGGAGTCGTAAACAAAATAGCCCTGTGC GTACCACGGCGTGGAATTACCGATAATCTTGATATTGTTTTTGGTCGCGGAAACGCTGCCATCACTACCAAGGCCATAAA  $A {\tt CAAGGCTTCCAGTTTCGCCGAGTTTTGGCAGGGTGTTTTCCGGCAACGGCAGTGACAGATTGGTCACATCATCGTAAATA}$  ${\tt CCAACCGTAAAGCGCGCTTTCGGTTTAGCCGCGTTGAGCTCGGCAAATACCGCCAGTACACAGTCTGGGCCAAATTCTTT}$ GGATGAAAGACCATAGCGCCCACCAATGACACGGGGCAGAGTTTCGCCGCTCGCCATTATTAAAGGCTTCTGCCAGTGCGG TCATTACATCCAGATAGAGCGGTTCTGCCTGGGCACCGGGTTCTTTGGTTCTGTCCAGTACCGCCACGCTGCGTACGGAT GGTTAGCAATTCATCAACCACTTCTTCACAGGTGCCAATGGCAGAGCCCATCAGGATAATCACCCGTTCCGCTTGCGGAT  ${\tt ACCGCGTTGTACCATGGGTTGGTGGCTTCGCGAGACTGGAAATAAGTGTCAGGATTGGCGGACGTACCGCGGATCACCGG}$ GCGGGACAATTTTATTGATTTCGTGGGACGTGCGGAAACCATCAAAGAAATGAATAAATGGCACGCGGCTTTTCAGCGTC CGCCATAACGTCGGAATGATCGCCAAAAATAGAGAGTGCATGTGTGGCAACGGTACGTGCCGCTACATGCAGGACAAACG GTGTTAGTTCGCCTGCCAGTTTGTACAGCGTCGGGATCATCAGCAGCAAACCCTGCGATGACGTAAACGATGTTGAAAGG GCACCCGTCTGCAAAGCGCCATGCACGGTAGCGATAGCACCCGCTTCCGACTGCATTTCAACCACGCGTGGTGTCTCCC  ${\tt GCGCAAATGAGGGGCGCACGAAATTGCTGCGCGCCCAGTAGTAATCTTTCAATTTTAGCAAATGGCTTTCTTCTGCATTT}$ TCGCTTTTGTGTCCCCCACATCAGCGTAATGAATGTTTTGATCAAACAGAGGGCAAAAAAATAGCCATAAAAAAAGTAAAA  GATCAGAGGAAGAAAAGATGCGAGCAGCGTTTTGGGTAGGGTGTGCCGCTTTATTGTTGTCGGCGTGTAGTAGTGAACCT GTTCAGCAGGCGACTGCCGCGCACGTAGCGCCAGGTTTAAAAGCGTCGATGTCCAGTAGTGGAGAAGCAAATTGTGCAAT GATCGGCGGTTCGCTTTCTGTTGCCCGTCAACTGGATGGTACGGCGATTGGGATGTGTGCATTACCCAACGGCAAACGCT GTAGCGAACAGTCACTTGCCGCCGGGAGCTGTGGCAGCTATTAATTCATTAAATCCGCCAGCTTATAAGTTAATGTCTGT TTTGCGGTCGCCAGCGTTAACTGGTTCGCGGTCAGATCCACTTGTGCACCTTCTTTCAGCATTTCGCTAATGGTGTTATC GAGTTCATTAAGCTGCGGGTTAGCGCACATCATACGGGTCATTGCCAGCCCTTTGGCTGTCAGTTCACCATTAGACAGTT TGCCTTCACCGCTAAAGCGGTTACACATGCTGCCGGAAATCATCATTTTTTCACCAAAGCTGATTTCTGGCGGATTTTTA  ${\tt TCGCTGGTCACGGGCTTACCGTTTACGCTTTCCAGCACAAAGCGATGATGCTGTAGCTGTTCTGGCGTAACAGCAATTTT}$ GTCATTACTTACACATCCCGCCATCAGCAGGCTTAGCGCAACAAACGCGGCTACTTTCTTCATTGTGGTTCTCAATTACA GTTTCTGACTCAGGACTATTTTAAGAATAGAGGATGAAAGGTCATTGGGGATTATCTGAATCAGCTCCCCTGGAATGCAG ATCACGCCATTTTTCATCTGTTCGAAGGCGGCTTCGTTCAACAGATGATAGTTTTCCGGTGTCAGCGGCAGTGCAGAGA GATAACGTCTGATTCAGAGAACAGGGTTGGCAGATCGACATACTCCACACCGAGTTCCAGCGCCGCTGCACTTGGATACG GATCGAACGCCAGCAGACGCATACCAAAACCTTTCAGAATGCGCAGCATCGCCACACCGATTTTACCGGTACCGATAACG GTGAATACGGCGGTTCAGCGTCATCATACCGATGGCGTGTTCAGCAACGGCCTCTGGATCATAGGCTGGAACACGGA AGTTTTAGCGGTTTTTTCCGTCAGCAGAAAGTCAAAAAATTCCAGCTCAAAGCCAAAGGACTCGTTCACCTGTTGCAGGT ACTAAAAATATTTTACAAAATTTCAAATTTAATTGAAAGCTATGGCGATATTGAAAAATTCATCAACAACTATGCTTAGT GTAGGCGCAACCTTCAACTGAACGGTTAAACATGCCACAATACCCGTATTGAATGCTTAATTTTTCGCTAAATCAGGATA TTAACTACCCATGCTGGGTAAATATAAAGCCGTTCTCGCGCTGTTATTACTGATTATTCTTGTGCCGTTGACGCTGCTGA TGACGCTCGGGCTGTGGGTTCCCACGCTGGCGGGCATCTGGCTACCGCTCGGGACACGTATTGCATTAGATGAAAGCCCA CGCATTACGCGTAAAGGTTTAATCATTCCCGATCTCCGTTATCTGGTGGGAGATTGTCAGCTTGCGCATATCACCAACGC AGACGGAGCAATCGCCAGCCGCTCCAAAAACACTCGCGCAGTGGCAGGCCATGCTGCCTAACACCTGGATCAATATCGAT TCAGGGCGAAAAAGTTAAATTTCAAGGCCAGCTGAAAGGGCAACAACTTACAGTCAGCGAACTGGATGTCGTCGCGTTTG ACTGCGACGTTAAACTTGCCGCAGGAACCGTCACTGGTGGATGCCGAGCTGGACTGGCAGGAAAATAGCGGGCAATTGAT CGTGCTGGCACGGGATAACGGCGATCCGTTGCTCGATTTGCCGTGGCAAATTACTCGTCAACAATTGACCGTAAGCGATG GAGAACGCTCTGGTCAGCGGACGACTGAGTGTGCTGACCCAGGGGCAAGCGGGTAAGGGCAACGCGGTGCTTAATTTTGG  ${\tt CCCAGGAAAATTAAGCATGGATAACAGTCAGCTGCCTCTGCAGCTGACCGGTGAAGCGAAACAGGCGGACCTCATTTTAT}$ ATGCCCGTTTACCTGCGCAGCTAAGTGGAAGTCTGTCTGACCCAACGCTGACCTTTGAGCCAGGCGCGTTACTTCGTTCA AAGGGAAGAGTCATCGATTCGCTGGACATCGATGAAATCCGCTGGCCTTTAGCGGGTGTAAAAGTCACCCAACGTGGTGT ATGATTTTCTCCCTGACGCTGGCCGCTGGCAGTGGCGCTACTGGGGAAAAGGGAGTTTTACACCGATGAATGCCACCTGG GATGTCGCAGGAAAAGGTGAGTGGCATGACAGCACTTACGCTGACCGATCTCTCCACCGGTTTCGACCAGTTACAATA  ${\tt CGGTACGATGACGGTAGAAAAGCCGCGATTAATTCTCGACAAGCCCATCGTCTGGGTACGTGACGCACAGCATCCCTCCT}$ TTAGCGGCGCGCTGTCACTGGACGCCGGGCAAACGCTGTTCACTGGCGGCAGTGTGTTACCGCCATCAACCTTAAAATTT AGCGTCGATGGGCGCGATCCTACCTATTTCCTCTTTAAAGGCGATTTACATGCTGGTGAGATTTGGCCCGGTTCGGGTAAA TGGTCGCTGGGACGGTATTCGTCTGCGCGGTAACGCCTGGTGGCCTAAACAATCACTGACCGTATTCCAGCCGCTGGTGC  $\tt CACCCGACTGGAAGATGAACTTACGCGATGGTGAACTGTATGCTCAGGTTGCATTTTCTGCTGCGCCTGAACAAGGATTCAGGTTGCATTTTCTGCTGCGCCTGAACAAGGATTCAGGTTGCATTTTCTGCTGCGCCTGAACAAGGATTCAGGTTGCAGTTGCAGTTGCAGGTTGCATTTTCTGCTGCGCCTGAACAAGGATTCAGGTTGCAGGTTGCAGTTGCAGGTTGCAGTTTTCTGCTGCGCCTGAACAAGGATTCAGGTTGCAGGTTGCAGTTGCAGGTTGCAGTTTTCTGCTGCGCCTGAACAAGGATTCAGGTTGCAGTTGCAGGTTGCAGTTGCAGGTTGCAGTTTTCTGCTGCGCCTGAACAAGGATTCAGGTTGCAGGTTGCAGTTGCAGGTTGCAGTTGCAGGTTGCAGTTGCAGGTTGCAGTTGCAGGTTGAGGTTGAGGTTGAGGTTGAGGTTGAGGTTGAGGTTGAGGTTGAGGTTGAGGTTGAGGTTGAGGTTGAGGTTGAGGTTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGAGGTGA$   $\tt CGCGCGGGAGGACACGGCGTGTTGAAAGGCGGTAGTGCCTGGATGCCAGATAATCAGGTTAACGGTGTCGATTTTGTCCT$ GCCTTTCCGTTTTGCCGATGGAGCCTGGCATCTGGGGACTCGCGGCCCCGTTACGTTGCGAATTGCCGAAGTGATTAATC TGGTGACAGCGAAAAATATTACGGCTGATTTGCAAGGGCGTTATCCGTGGACTGAAGAAGAACCCTTGCTGTTGACTGAT GTTAGCGTCGATGTTTAGGCGGTAACGTACTGATGAAACAATTACGTATGCCGCAACATGACCCGGCGCTGTTGCCGCT GAATAATCTCTCATCCAGCGAACTGGTTAGCGCCGTCAATCCGAAACAATTCGCCATGTCCGGGGCATTTAGTGGTGCAC GATAAAGACACTGCGGATGCGGTGGTAAAAGACAATATGACTGCGGGTTCAGCAATTAACTGGTTGCGCTATATGGAAAT TAGCCGTTCATCGACAAAAATTAATTTAGATAATCTCGGTTTATTAACCATGCAGGCCAACATTACAGGTACCAGTCGCG TTGATGGTAAAAGCGGTACGGTAAACCTTAATTACCATCATGAAGAGAATATTTTTACGCTGTGGCGCAGTTTACGCTTT GGCGATAATCTCCAGGCATGGCTGGAGCAGAACGCACGTCTGCCGGGAAATGACTGTCCGCAAGGAAAAGAGTGTGAGGA AAAACAATGAAAATTTTACTGGCTGCGTTGACGTCATCTTTTATGCTGGTTGGCTGTACGCCTCGCATTGAAGTCGCTGC ACCTAAGGAACCGATCACTATCAATATGAACGTTAAAATTGAGCATGAGATCATCAAGGCAGACAAAGATGTCGAAG  ${\tt AGCTGCTTGAAACTCGTAGCGATCTTTTCTGAGGTGATGAAGAAACATTACTTCTTTGTGCGTTTCTTGTTGGGCT}$ GGTAAGCAGCAATGTAATGGCATTGACTCTGGATGAAGCCAGAACTCAGGGGCGGGTAGGTGAAACATTTTACGGTTATC TGGTTGCGCTGAAAACGGATGCTGAAACAGAGAAATTAGTAGCCGACATTAATGCCGAACGTAAAGCGAGTTACCAACAA  $\tt CTGGCAAAGCAAAATAATGTGTCGGTAGATGATATCGCGAAACTCGCCGGGCAAAAGCTCGTAGCTCGGGCCAAACCGGG$ GGAATATGTACAAGGGATAAACGGTAAATGGGTGCGAAAATTTTAATAGCAAAACCGCAATATCGGGATAACGCTACAGG AGAAGGCGATTGATCTATTTTCCTGAAACAAGGTGAATATTCAAAAACTCCTGTCAAATTGCCTTTTTGCCCTGAAAAATG GACTACCAAACCTTTATCGGCAAACATTCGGTACAAACTACGTACTGACATACCTGTCTCTCCGGCTATCCACTCCGGGC
GTAATATCTCTTCGCGAATATTATCGTCTATCAACGTAACCACTTTTTGAAACTGACGTTCACGACGAGGTTGAACAGAT TCCCGCTGATGAAGTACCGGGCGCAGCAGACACCATCGCCTGTAGCGCAGCTTCACTTTCTGTTTCAGAAAGTGCCGG ATTATTCATGCTCTCTGTAACAGGCGATGACTTGCACCATGGGTAAGTCAGCGTCCAGTCTTTCTGCGCAGATAG GTTTTTGATGGGGAAAATATTGTTCCAGCAGAGTGCGTGGCAAAAGTAATGAAATCTGTTTAGAAGACTCCTGCCAGTAA AGCGAACAGGGGCGTGAGGCATCGAGTAACGTAATATCGCCAGCGCCAATCTGCACCTGACGCTCATCCTGCTCCATTAT TGCCTGACCACTAAGCTGAAAAACCGGTGTAAAACCAGGCATCGTCGCTGCCTTTTACTTCCTGCCAGGTGCGGGATAAAT TCACCCCGCTGGTTGTCACGGTACTCAGCTTTAGTCCTTTGGCAAAATGCGTGTCCAGTACACCCGTGTAACGCTCAGTC AGCAGGCGTCCGGTAAAATTTCCGCATACCTGATTGATTTGGGAAAGCCATTGCTGAAACTCATTATCCACTGCGGGGTT CATGGCACGTTTTCGCTCTGTGAAATGTATTTTTATTGTTGCATTTGTTGCAATAAACGAAGCTAATGAGCCTGACTA TAGGAAATAAGTCTTGTCAGGCATAGAGACATAAGCGGTTATTGTCACGATTTGCGGAGCTTGTCACAGCTGACAAAGCG AATGTCACAGCGAAAAAAGTGACTTTTCTTGTCGCTGCGTACACTGAAATCACACTGGGTAAATAATAAGGAAAAGTGAT GACAGAGCCGCATGTAGCAGTATTAAGCCAGGTCCAACAGTTTCTCGATCGTCAACACGGTCTTTATATTGATGGTCGTC AACGAAGCGGATGTAGATAACGCAGTCATGTCTGCCTGGCGGGCCTTTGTCTCGCGTCGCTGGCCGGGCGATTACCCGC AGAGCGTGAACGTATTCTGCTACGTTTTGCTGATCTGGTGGAGCACAGTGAGGAGCTGGCGCAACTGGAAACCCTGG AGCAAGGCAAGTCAATTGCCATTTCCCGTGCTTTTGAAGTGGGCTGTACGCTGAACTGGATGCGTTATACCGCCGGGTTA ACGACCAAAATCGCGGGTAAAACGCTGGACTTGTCGATTCCCTTACCCCAGGGGGCGCGTTATCAGGCCTGGACGCGTAA A GAGCCGGTTGGCGTAGTGGCGGGAATTGTGCCATGGAACTTTCCGTTGATGATTGGTATGTGGAAGGTGATGCCAGCACTGGCAGCAGGCTGTTCAATCGTGATTAAGCCTTCGGAAACCACGCCACTGACGATGTTGCGCGTGGCGGAACTGGCCAGC GAGGCTGGTATCCCTGATGGCGTTTTTAATGTCGTCACCGGGTCAGGTGCTGTATGCGGCGCGCCCTGACGTCACATCC TCATGTTGCGAAAATCAGTTTTACCGGTTCAACCGCGACGGGAAAAGGTATTGCCAGAACTGCTGCTGATCACTTAACGC GTGTAACGCTGGAACTGGGCGGTAAAAACCCGGCAATTGTATTAAAAGATGCTGATCCGCAATGGGTTATTGAAGGCTTG  $\tt GCTGGTTAGTGGATTTGAGCAGGCGGTAAAATCGTTGCAAGTGGGACCGGGGATGTCACCTGTTGCACAGATTAACCCTT$  TGAAGAGGTGTTTGGTCCGGTGGTAAACCTGGTGCGAGTAGCGGATGGAGAAGAGGCGTTACAACTGGCAAACGACACGG GTGTGGGTAAACAGCCATACCTTAATTGACGCTAACTTACCGTTTGGTGGGATGAAGCAGTCAGGAACGGGCCGTGATTT TGCCGGTGGTCATCCAGACAACGGCGTCGGTGTTGTCCAGCGACTCGTTATCCTTACTGTATTGTCCAAGACCGGTGTCA TGAGTAGAACGGTTCGGATATTTGCCTTCCGGGAAACGCTCGCCAGGATGATAACGCGTTACCCAGAGCTGCTTGTCCAT AAAGCTTAAACGATGATAGATCCACTCGTCCGGCGCGAACTGGGCACCTTTTGCTACCGGGTGAGTACCACCTGCATAAG GAATAATTTGATAGGAAACCGGATTGCCCATGCGGTTCTCTTTGTTCGGGTTACTCAACAGACGAATCGTGCCCGGATCA ATTCGGTTTTACCACTGGGTCCATCGCCACCAGGCTGTTATTCTCGCCATCTACATCCAGATCGAGGCGGAAATTATAAA TATGTTGGTGTGTAGTACCCACGATATTGTGATCGATAAGCGTGCCGTAGCGCGTGTCATCTTTCGCCGTCTCATCGTGC ATGGTTTTCGCTTTAACACCTTTCACCGCTTCGATGCCCGTAGCACCGGCATCGATGCCAATAGTGCCGTTTTCATGGAA GATCCAGTCAAAAATGTAGTCATAGTTACCCACTGTACTGATCCAGCGCACCACTAACTCCCGGCGTTCGGTACTGACGT TGGGCTGGCCCATTTCCTGATGCTTATACTCCGGCCCGGCATAACGTTCAAATACCGCGATAGCGCGAGGGATCTCCATC GGCACGCCAGTGTAGTCGGCGATGGTTTCATTAAGGAGCACTGCGTTAGACGGGGCATCTTTACCACGAGCAATTGGTGA GGTTAGCGTGCCCATACCGTAGTCACCAGAGTCCAGATACGCTTTAAAGTACCAGCCAATATCAGGATCACCGTAAGGCA CAATCATGCCGCCGAGAGAACCTTCGTACATGACTTTGCGTTTGGTGCCATTGTCGTTATAAGTCACGGTGGAGATCATC  $\operatorname{GGCCCGACGCGAGAGTTCATGCTGAGGTGAAAATCCCAGTTCCGCCAGTGAATCATATCGCCAGTAATGGTGTAATTTTT$ ACCTTCAGGCTCAATGATTTGCATAGGCTTAACTGCCGGAGCAACGCGGTCACGGCCATCAAATGGGCGTGCGGTCATTG GCACCGGAACTACCGGACCTTCTTCAATCTTAACGATTTTTTTCTGTTCTAAATCAACGACCGCCACCAGGTTTTCGATG GGATGTGCCCAGTAGTTGCCATCACCGACATCAAGATAGCTGATGACTTTGAGCAACCGGGCATCTTGTTTCAGGCCATC TTTACCATCGAAATAACCTACGGTCAGCGGCGTGGTAATCACTTTTTTCGCATCAGTAATACCGCGTTTCTTCACGGCAG CGGCAAATTCTTCACTGTTGTTAATAATGTTCTGCACACTGGCGAAATCATCCAGCAACACCATACCGTGGGCGTCTTTA ATGGGTTGCCAGGAGAGCAGTTTGTTTTTTCCAGATCCACCACCGCTTCGATGATATGTTTGCCGTCGAGCATAATGAC GTCGGCTTTGCGCGGCTGGTCAACCGGTTTGTTTTCCAGCGCAAACGCCCAGACAGCTTCTTTATCTGGCGGTAGCAGGG AGATCTCAGTAAAACGGGTATTGGGTTTGAAGTCCGCGGAAGCTTTAACAATTTCAACGGCCTGTTTAATTTCGTCCGCA GTTAGCGCATTAAGTGGGTGAGGGCGCTTTTCTACCTGAAAGGTTTGATCCAGCCCGGACTGGAAAACATCGTTAATAAA GGTGTCAGAAACCCAGGCTTTATTGTCTTTCATCACTACCGGTACTTGCAGTGCCAGAGGCTGACCATTAACAATTGCTG TTTGCGCACCAGGCTTCACTTTCACGTACGCGCCATCTTTAATCAGGGTAAAGAGCTGGGCGTAGTCGTCCCACTGCACA GGCGAAACTTAAGGCGACTGCCAACGCCAGGGTTGTTTTACGGGCAGAATACAGAGAGGGGCTTCCCATTATTAACCTCG TCAGATGTTGTGTTGTTAGCAACCGCGCTCTGTGGGCGGTTTAGTCAGGTTCACATTATCAGTACTGATGCAAAGGG GATTGCCTGCACCTGCCAGGTTGTTTTGGCAGGTGTGCCAGCTTTTCATACAGTGGATGCCCTGAAAATAGATGTACACAT TCGACAAAATCACCGTGCTGCCTGCCACCAGCGTCAGAATTGAATACAGCGCCACCGGGGTTTGATGCTGATTGAATAC  $\tt CTCTACAGCCCATTCCACCACACCTGTTGGTTTTTCTTCTGCGCTACGCTGTTTTTTTCAGCGTCTTGCGCTTACAGGTGA$ GACGCACCTGGATGGTATCGCCTGGCTTTACGGGTTCGATAAAACGCAAGCTTTCCAGCCCGTAGTTAGCAATGACCGGA  ${\tt CCGACACCGGCATCGACAAACAGACCCGCAGCCGCAGAAAGCACAAAATACCCATGCACCACCCGCTCACCGAAAATAGA}$ TCATTGTGCGGCGGGGAGTCAACAGGCTGTCGCCTGGTTGTAGCTCCTCAAAATATTTGCGGAACGGATGAATACGATCT TCTTCGACTTTCGCACCGCGCACCCACTGTTTACTGATAGCGGCAAGCATCGTCGGACTACCCTGAACAGCGGTTCGCTG CATGTAATGTTTCACCGCTCGTAAACCGCCTAATTCTTCACCGCCTCCTGCGCGACCAGGCCCACCATGTACCAGTTGTG TCGGCAATAAACTGACGCGCAATTTGCGGATCAGCCGTCACCAGCGTTCCCGCAAGGCTACCGCCGCCTGCACAAGCCAG TTGCAGAGCATGTCGCTGGTTTTGTGCTGGCATCAGCGTTGCGACAGGGCCAAAGGCTTCTGTTGCATGTACCGCCGGTG TTTCATCCGGCTGCGGACAGTACAATAAGGTTGGCGGGAAGAAGGCACCCGCAGCAGATAAATCCGCCTGACCACCGAGG CATTTTCACGCCTTCCTGAGCAGGATCACCGACCACGACTTTCTGTAATCGCGCAACCAGAGCATCACTGACAGCATTAA  $\tt CGAATAAACAGCGCAAACTCCGGTTGATCCGGGGTGACATCTTCGCCCAGTACGCAGCTTCAGGGAATCAGCTTCCAT$  ${\tt AGTGAAGGGGATAGATTTGGCGACGATATTTGGCTGAACTCGCAGCATCTGTCCGGTCGCCGCTGACCCCGTGAAGTCAAG$  $\tt CCACATCCTGGCTGTCCAGATGATCCAACAAGTCGCCAGCACTACCGCAGATCAGACTAATTGCGCCTTCGGGAACAAGA$ GCCCAGCCACGTTGGTGCCAGCTTTTCCAGCATTCCCCAGCAGGGGAAGTTAAAGGCGTTAATATGCACTGCCACGCCTG ACTTTGAGGTCAGTAAATGGCGCGCGCAAATCCACCTTCTTTCGATAAGGGGATCAATTCATCTTCCGGCCACAGCGTA TGCCCGCGTTGCGCCTGTTTGCGCAGAAAGAGCATAGAAACGCTCTTTTTCACTCAGCAGATGTTTAGCGACCGCTTTAA GCATCGCCGCACGTTCGATAAAGGTCATAGCGCGAAGGGCGGGGGCACCTTTTTCAATGGCAAACTGGCGGGCAGCCGCC ATATCAAGACCTTCACTGGTCACTTCCCATAACGCCTCGCCGCTAATAGCGTGGTGAATCAAACGGCTACGGCCCCGGCC AGACTGCCAGGTACCGGATAAGAAACTGGCTAACTGCTGCATCGCTACTCTCCAGATGTTTCACATTTCTGTTGCTAATA GTTAAATCGCGAATCATAAAAAGCAAAGGATCTTTTAACGAAATGTTAACTATGCGATCTGTATAGCAACTGCGGAAAAC ATTAATGCACTGATAAATAATGATTTATAAAAAATAGGGTGCGAAATCCGTCACAGTTCAAACATACAAAATTTGTGATTT GATGACGTGACCCAAGAAGAACGCTTTGAGCAACGGATAGCCCAGGAAACGGCTATCGAGCCACAGGACTGGATGCCCGA TGCTTACCGAAAGACATTGATCCGCCAGATTGGGCAGCATGCGCACTCCGAGATTGTTGGTATGTTGCCTGAAGGTAACT GGATCACTCGCGCACCAACCTTGCGGCGTAAAGCCATTCTGTTGGCCAAAGTGCAGGATGAAGCCGGTCATGGTCTGTAT ATCAGGTGGCGTTATGCCGCACTTCTTATGGCCCGTATGCCAGAGCAATGGTGAAAATCTGCAAAGAAGAGAGTTTTCAC AAATCAAACGTTTCACCAACGACGACTCCGCCAGCGTTTCGTGGATAACACCGTTCCACAGGTTGAAATGCTCGGTATG  ${\tt
ACCGTTCCTGACCCGGATCTGCATTTTGACACTGAAAGCGGTCACTACCGCTTTGGTGAGATCGACTGGCAGGAGTTTAACCGCTTCGACCGCTTTGGTGAGATCGACTGGCAGGAGTTTAACCGCTTCGACACTGCAGATCGACTGGCAGGAGTTTAACCGCTTCGACACTGACAGATCGACTGCAGGAGTTTAACCGCTTTGGTGAGATCGACTGGCAGGAGTTTAACCGCTTCGACAGATCGACTGCAGGAGTTTAACCGCTTTGGTGAGATCGACTGGCAGGAGTTTAACCGCTTCGACAGATCGACTGCAGGAGTTTAACCGCTTTGGTGAGATCGACTGGCAGGAGTTTAACCGCTTCGACAGATCGACTGCACTGCACTGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGATCGACAGAT$ CGAAGTAATTAACGGTCGCGGAATTTGTAATCAGGAGAGGCTCGACGCCAAACGTAAAGCCTGGGAAGAAGGTACCTGGG TACGGGAAGCAGCGCTGGCCCATGCACAAAAACAACATGCCCGTAAGGTCGCATAAGGAGATTCAAAATGAGTAATGTTT GAGCGGATGGCACTGGAAAATGCCCGTGATGCTTACACCCGTCGTAGCGAAGGATGTTCAATTTGGGTGGTGAAGGCGAG TGAAATTGTTGCCTCGCAACCGGAAGAACGCGGTGAATTTTTTGATCCGGCTGAAAGCAAGGTCTATCGCCATCCAACGT TTTACACCATCCCTGATGGCATTGAGCACATGTGAGGTCGGAAATGAATCAGTTAACGGCTTACACCTTGCGCCTGGGCG ATAACTGCCTGGTGCTCTCCCAGCGGTTGGGTGAATGGTGCGGTCACGCACCGGAACTGGAAATCGATCTCGCACTGGCA AACATTGGCCTCGATTTATTAGGTCAGGCACGCAACTTCTTATCGTATGCCGCTGAATTAGCGGGAGAAGGCGATGAAGA TGGTACTGACGTATCAGGGCAAAAGATGCAGCAGGCCATCAACAAGTTGTGGCGTTTTACCGCCGAACTGTTCGATGCCG TTTGCCGGGATCAACGAAGCCACATTGAACGTACCGCAAGAGCAGGCGTATCGCACTGGCGGTAAAAAAGGACTGCATAC GGGTATGCAACGTCTGGCCACCATTGCACCGCCACAGGTTCATGAGATATGGGCGCTACTCAGCCAGATCCCGGACCCGG AGATCCCGGTGCTGACCATTACTGATTTAGGCATGGTGCGTAATGTGACACAGATGGGAGAAGGATGGGTGATCGGCTTT AGTATGCCATTAGCCCGCCGCCGGCCACAGTTGCCATGCCCATTTGCCGCCAGAAGTACGTTGCCCGCGCTGCGCCAGC GTCCATACCACACTTATCAGTGAATTTGGTTCCACGGCCTGCAAAGCATTGTACCGCTGCGATAGTTGCCGCGAACCTTT  $\tt CGATTATTTCAAATGTATTTGAGGATGCCATGACAACGTTTCATTCCTTAACAGTGGCAAAAGTCGAGTCGGAAACCCGT$ GATGCGGTGACCATTACCTTTGCGGTGCCCCAGCCTTTGCAGGAGGCGTATCGCTTTCGCCCCGGTCAACATTTGACCTT AAAAGCCAGCTTTGATGGTGAAGAATTACGCCGTTGTTACTCCATTTGCCGCAGCTATCTGCCTGGCGAAATTAGTGTGG CGGTGAAAGCCATTGAAGGCGGACGTTTCTCCCGCTATGCCCGCGAACACACCCGCCAGGGTATGACGCTGGAGGTCATG TACGCCAATGCTGGCGATTATCGCCACCACTTTACAAACCGAGCCTGAAAGTCAGTTCACCCTGATCTACGGTAACCGTA  $\tt CCAGCCAGAGCATGATGTTTCGCCAGGCACTGGCAGACCTGAAAGACAAATATCCTCAGCGTTTACAGTTGTTGTGCATT$ TTCAGTCAGGAAACCCTCGACAGCGATCTGCTTCACGGGCGTATTGACGGTGAAAAATTACAGTCACTTGGGGCCTCGCT CACTGGGAATGCCAGATAAAACCATTCATCTGGAGCGGTTTAATACGCCTGGCACGCGCGTCAAACGTAGCGTTAACGTG TCTCGATGCGCCATTGCGCCAGGGGGGCGATCTGCCCTATGCCTGCAAAGGCGGCGTCTGTGCGACCTGCAAATGCAAAG TGCTGCGTGGCAAAGTGGCGATGGAAACCAATTACAGTCTGGAACCGGATGAACTGGCCGCAGGTTATGTGTTGAGTTGC  $\tt CAGGCACTGCCGCTGACCAGCGATGTGGTTGACTTTGACGCGAAGGGGATGGCATGAGCGAACTGATCGTCAGCCGT$  $\tt CAGCAACGAGTATTGTTGCTGACCCTTAACCGTCCCGCCGCACGTAATGCGCTAAATAATGCCCTGCTGATGCAACTGGT$ AAATGAACTGGAAGCTGCGGCTACCGATACCAGCATTTCGGTCTGTGTGATTACCGGTAATGCACGCTTTTTTTGCCGCTG GGGCCGATCTCAACGAAATGGCAGAAAAAGATCTCGCGGCCACCTTAAACGATACACGTCCGCAGCTATGGGCGCGATTG TGTGGTGGTTGCCGGAGAGACGCGCGTTTTGGGTTGCCGGAAATCACTCTCGGCATCATGCCTGGCGCAGGCGGAACGC  ${\tt CCCAGGAGCGACAGTTATTCACCTTGCTGGCGGCAACAGAAGATCGTCATGAAGGCATCTCCGCTTTCTTACAAAAACGC}$  $\tt ACGCCCGACTTTAAAGGACGCTAATGATGGAATTCATCCTCAGTCATGTAGAAAAGGGCGTGATGACACTAACGCTCAACCTCAACCTCAGTCATGTAGAAAAAGGGCGTGATGACACTAACGCTCAACCAACCTCAACCTCAACCTCAACCTCAACCTCAACCTCAACCTCAACCTCAACCTCAACCTCAACCAACCAACCAACCAACCAACCAACCAACCAACCAAACAACAACAACAACAACAACAACAACAACAACAACAACAACAAA$ CACTATCCGTTGCCTGTTACTTACAGGTGCCGGGCGCGGATTTTGTGCTGGTCAGGATCTTAACGATCGTAACGTTGATC TGCCCGTTCAGCAAAATTCGTCATGGCGTTTAGTAAGTTAGGCTTAATACCCGATTGCGGTGGAACCTGGTTACTGCCAC GCGTTGCCGGACGACGCGCCCATGGGGCTGCCACTGCTGGGGAATCAACTGAGTGCTGAACAGGCCCACGAATGGGGG ATGATCTGGCAGGTTGTTGATGAAACGCTGGCAGATACCGCGCAACAGCTGGCACGGCATCTGGCGACACAACCGAC ATTTGGTCTTGGACTTATCAAGCAAGCGATAAATAGCGCTGAAACCAATACGCTCGATACGCAACTGGATCTGGAACGTG TTGCTGCCAGTCATGGACACCAGGTTTTACTGTATGACATTTCTGCTGAAGCGCTGACCCGCGCAATCGACGGGATACAC GCGCGGCTAAATTCACGCGTGACGCGGGAAAACTGACTGCTGAAACCTGTGAACGCACATTGAAACGCCTGATCCCGGT GACCGATATTCACGCGCTGGCAGCTGCGGACCTGGTCATTGAAGCGCGTCTGAACGTCTGGAAGTCAAAAAAGCGCTCT  ${\tt TTGCACAGCTGGCGGAAGTTTGCCCGCCACAAACGCTATTGACCACTAACACTTCGTCAATCTCTATAACCGCGATTGCT}$ GTCATTCGACTCCTGGATTTATCGTTAACCGTGTTGCGCGTCCTTATTATTCCGAGGCCTGGCGGGCACTGGAAGAGCAG GTTGCTGCACCAGAAGTGATTGACGCTGCACTTCGCGATGGCGCTGGTTTCCCGATGGGGCCGCTGGAATTAACCGATCT GATTGGTCAGGACGTCAATTTTGCTGTCACCTGTTCGGTGTTTAACGCTTTCTGGCAGGAGCGTCGTTTTTTACCTTCGC GAGGCAGTTGTTGGCCTGGAAGCGGTAAGCGACAGTTTTAGCCCAATGAAAGTAGAAAAGAAAAGTGACGGTGTCACGGA AATTGACGATGTTTTATTGATTGAGACACAAGGCGAGACGCACAGGCGCTGGCAATACGACTGGCACGCCCGGTGGTAG TGATCGATAAAATGGCGGCCAAGGTGGTGACCATTGCTGCTGCAGCGGTGAACCCGGACTCAGCGACCCGCAAGGCCATT TATTACCTGCAACAGCAGGGCAAAACAGTGCTGCAAATTGCAGATTACCCAGGAATGCTGATTTGGCGAACGGTAGCAAT GATCATCAATGAAGCCCTTGATGCGCTTCAAAAAGGCGTGGCCTCTGAACAGGATATCGATACCGCCATGCGTCTTGGGG AGGCCTGGCAAAATGCCCATGCAATGTATGAGAACGATGCCTGCGCCAAAGCGCTTGGCATCGACATTATCTCAATGGAT GAAGGCTTTGCTGTAGTGACCATGACCGTCACTGCACAAATGCTTAACGGTCATCAAAGTTGCCACGGCGGGCAGCTATT GACATCGAAATTGTTAACCAACAACAAAAAACGGTTGCGCTGTTTCGCGGTAAATCTCACCGCATCGGCGCACCATTAC AGGAGAGCCTGATGCGTGAAGCCTTTATTTGTGACGGAATTCGTACGCCAATTGGTCGCTACGGCGGGGCATTATCAAG TGTTCGGGCTGATGATCTGGCTGCTATCCCTTTGCGGGAACTGCTGGTGCGAAACCCGCGTCTCGATGCGGAGTGTATCG ATGATGTGATCCTCGGCTGTGCTAATCAGGCGGGAGAAGATAACCGTAACGTAGCCCGGATGGCGACTTTACTGGCGGGG GATTAAAGCGGCGATGGCGATTTGCTGATCGCCGGTGGCGTGGATCAATGTCACGGGCACCGTTTGTTATGGGCAAGG TGAAAAACAAGAAAGGTGTTGTAACAGAAATACAACATGATGAGCATCTGCGCCCGGAAACGACGCTGGAACAGTTACGT GGGTTAAAAGCACCATTTCGTGCCAATGGGGTGATTACCGCAGGCAATGCTTCCGGGGTGAATGACGGAGCCGCTGCGTT GATTATTGCCAGTGAACAGATGGCAGCGCAAGGACTGACACCGCGGGCGCGTATCGTAGCCATGGCAACCGCCGGG TGGAACCGCGCCTGATGGGGCTTGGTCCGGTGCCTGCAACTCGCCGGGTGCTGGAACGCGCAGGGCTGAGTATTCACGAT ATGGACGTGATTGAACTGAACGAAGCGTTCGCGGCCCAGGCGTTGGGTGTACTACGCGAATTGGGGCTGCCTGATGATGC ATTCTGGAGCGTGTTTGAGCATATCAACCTGCGAGTACCCTACAATGATAACCAATACAAAGCTTGACCCGATTGAAACC GCGTCTGTTGATGAGTTACAGGCGTTGCAAACACAGCGTCTGAAATGGACGCTCAAACACGCGTATGAAAATGTGCCGAT GTATCGGCGCAAATTCGACGCAGCAGCGTACATCCTGATGATTTCAGGGAACTTTCAGACCTGCGTAAATTTCCCTGTA TCTTCGGGAACCACGGTAAACCGACAGTTGTCGGCTATACGCAAAACGATATTGATAACTGGGCCAATATTGTAGCGCG TTCTTTGCGTGCGGCAGGGGGCTCGCCCAAAGACAAATTCATGTTGCCTATGGTTACGGCCTGTTTACTGGTGGGCTGG GTGCGCACTATGGTGCCGAACGTCTGGGCGCTACGGTGATCCCGATGTCTGGCGGGCAGACGGAAAAACAAGCGCAACTG ATCCGTGATTTTCAACCAGATATGATCATGGTTACGCCATCTTATTGCCTTAACCTGATTGAAGAGCTGGAGCGGCAGTT GGGCGGTGATGCCAGCGGTTGCTCGCTGCGGGTTGGAGTATTTGGTGCTGAGCCGTGGACACAGGCCATGCGTAAAGAGA  $\tt CTGGAAACTACCGACGCCCAACCATTTGGGAAGATCATTTCTATCCTGAAATTGTTAATCCTCATGACGGCACACCGCT$ TGCCGATGGTGAACATGGCGAACTGTTATTCACCACGCTGACCAAAGAAGCATTGCCGGTCATTCGTTACCGCACGCGTG ATTTAACCCGACTGTTACCAGGAACGGCGCGGACTATGCGCCGCATGGATCGCATCAGCGGACGCAGCGATGACATGTTG ATTATTCGCGGTGTAAATGTCTTTCCGTCACAACTGGAAGAAGAGATTGTCAAATTCGAACATTTATCGCCGCATTACCA ATGAGCAGCGTTGCCAGGTATGCCACCAGCTGCGCCATCGGATTAAGTCGATGGTGGGGGATCTCTACCGATGTGATGATC GTTAACTGTGGCAGTATCCCGCGTTCAGAAGGCAAGGCGTGTCGGGTGTTTGATCTGCGCAATATTGTTGGTGCCTGACG
TATCGTCTGGCCCTGGTGGGGTAAAGCGCCAGGGCCAGAAGTCGATACGACCTGTGCTATGATTCATAAATCACAACAAT AACAACAGACTGAAGCGAATGAGTAAACTTGATACTTTTATCCAACATGCTGTAAACGCTGTTCCGGTCAGTGGCACATC AGCAGTTGATCTGGCAAGGTTTTGGCGCACTGGCACCCAGCCTGATGGCATCGCCGTCGCAAAAACTGGCCGATGTACAG   ${\tt ACTGCGTGCCAGAGTAGAAGAGTGCTGGCATTTAACTGAACAAAATGCCATGTACGAAACCTTTATTCAGTCATTCCGCC}$  $\tt CGCTGGTGCCGCTTTTAAAAGAGGCGGCAGACGAGTTAACCCCGGAGCGGCATTTCATATTCAGCTTTTACTGATCCATATCCATATTCAGCTTTTACTGATCCATATCCATATTCAGCTTTTACTGATCCATATCAGCTTTTACTGATCAG$ TTTTATCGCCGTGTCGTCCTTAAAGACCCATTGTTGCCGGAGGAGTTGCTTCCGGCACACTGGGCAGGCCATACGGCCGC  $\tt GTGAACTGCCTGCGCCGGGAAGCCTGTATTTTCAACGTTTTGGCGGCTTGAATATTGAACAGGAGGCGTTATGCCAATTT$ ATCAGATAGACGGTCTGACTCCGGTTGTGCCAGAAGAGAGTTTTGTCCATCCGACAGCGGTATTGATCGGCGATGTTATT CATTCAGGATAATTGCGTTATGCACGGTTTTCCCGAGCAGGATACTGTTGTAGGAGAAGATGGACATATTGGTCATAGCG GAGAACAGCATTGTTGGTGCATCCGCATTTGTGAAAGCCAAAGCAGAAATGCCAGCTAATTACCTGATTGTCGGCAGCCC GGCGAAAGCGATTCGTGAACTCAGTGAGCAGGAGTTGGCATGGAAAAAGCAGGGTACGCATGAGTACCAGGTGCTGGTGA AATCTGCGACCGAAACAGTAACAGATGTAAAATTATTTTGTCCCTTTAATTATAAAGCAGAGTTATGTTTAAGCTCTGCT TTTGATTAGATAATCTACTGGCAATATTGGATGTCTTCTATGTTTTAAATAACTAATTGGTCGGGTTAGTGCATCCG GCTTTCTTTATATTCGCCAGAAGGATTTATTATGCAAAGGAAAACTCTATTGTCGGCCTGTATTGCATTAGCTCTGAGTG GTCAGGGTTGGGCGGCAGATATCACAGAGGTAGAAACCACCACAGGTGAAAAGAAAATACCAATGTGACTTGTCCGGCA GACCCAGGAAAACTCAGTCCGGAAGAGCTTAAACGCTTACCCTCTGAATGCTCTCTTTAGTCGAACAAAACCTGATGCC ATGGCTTTCCACAGGCGCTGCTGCGTTAATCACGGCCTTAGCCGTAGTGGAACTAAACGACGATGATGATCATCATCATC GCAACAATTCTCCACTCCCACCGACACCCCCTGATGATGAATCAGACGACACTCCAGTTCCCCCAACTCCTGGCGGAGAT GAGATAATACCGGACGATCCGGATGATACGCCTACACCTCCCAAACCGGTTTCGTTTAATAATGACGTTATTCTCGATAA AACAGAAAAACGTTAACTATTCGCGATTCAGTTTTTACTTATACCGAGAATGCTGACGGGACTATATCTCTGCAAGATA GCAATGGTCGTAAGGCAACGATTAATCTTTGGCAGATTGATGAAGCGAATAACACTGTTGCCCTTGAAGGGGTGAGCGCA GATGGCGCAACGAAGTGGCAATATAATCACAACGGTGAGCTTGTTATTACGGGTGATAATGCCACAGTAAACAACAATGG CAAAACCACCGTTGACGGTAAAGATTCCACCGGTACGGAAATCAACGGTAATAACGGGAAAGTGATTCAGGACGGCGATC TGGATGTCAGCGGCGGCGGTCACGGTATTGATATCACCGGTGACAGCGCGACGGTGGATAACAAGGGCACCATGACCGTC GGTTGACGGCGACCAGGCGGTTGTTAACAACGAAGGCGAGAGCGCCATCACCAACGGTGGCACCGGCACGCAGATTAACG GTGATGACGCCACGGCAAACAACAACGGCAAAACCACCGTTGACGGCAAGGATTCCACCGGTACGGAAATTGCTGGCAAT AACGGGAAGGTGATTCAGGACGCGATCTGGATGTCAGCGGCGGCGGTCACGGTATTGATATCACCGGCGACAGCGCAAC GGTGGATAACAAGGGCACCATGACCGTCACCGATCCGGAGTCCATCGGTATCCAGATTGACGGCGACCAGGCCATCGTCA ATAACGAAGGCGAGAGCACTATCACCAATGGCGGCACCGGCACTCAGATCAACGGTAACGACGCCACCGCGAATAACAGT GGAAAAACCACTGTTGATGGAAAAGATTCCACGGGTACCAAAATCGCGGGCAATATCGGCATTGTAAATCTGGATGGTAG  ${\tt CCTGACTGTTACAGGCGGTGCGCATGGTGTTGAGAACATTGGTGACAACGGCACGGTTAACAACAACAAGGAGATATTGTTG$ TTTCCGATACTGGATCGATTGGCGTGCTCATCAACGGTGAGGGGGGCAACAGTATCCAATACGGGTGATGTTAACGTTAGC GACCGGGGTAGATCTTAATGGCAACAATAACAGCGTGACGCTGGCGGCAAAAGATCTAAAAGTGGTCGGGCAGAAAGCGA  $\tt CGGGCATAAACGTTTCTGGCGATGCGAATACAGTGAATATCACTGGTAACGTTCTGGTTGATAAGGATAAAACCGCAGAC$ TGGTTGTGATTGGCGATGGCAATACCGTTAATATGAATGGTGGACTTGAACTGATTGGAGAGAAAAACGCGCTTGCAGAT  ${\tt GGGTCGCAGGTTACTTCCTTGCGCACAGGATATAGTTATACCAGCGTTATTGTCGTTAGTGGTGAGTCGTCGGTATATCT}$ GAATGGAGATACGACAATCAGCGGAGAATTCCCTCTGGGGTTTGCCGGGGTTATTCGGGTACAGGATAAAGCTTTGCTGG A AATTGGCAGTGGCGCTACGCTAACAATGCAGGATATTGACAGTTTTGAACATCATGGGACAAGAACCCTGGATTTGCCC GCGCACTATGCGGATGCCATTCGTTATAATGCTCGAACGCCTCTGCAAGGTTCTTTGCTGCCGTTAACCCGTCTGGTTTG GGCATGATACTGATGTCACGCTTTATCGTTTTCACGAAGCTCTCTGCTATTCCGTTACTCTCCGGACTCCGCACCGC CGTGTTCTTCGGTTCAAGTCCCAACATCCGGGCGAACTGGCGTGTTTCATTAGCCCGGTAGCATGAACCATTATCCGTCA GCCACTCCACTGGAGACGACGGAGATCGTTGCCGAAGCGGCGTTCCACCGCTCCCAGCATGACGTCCTGTACTGTTTCA  $\tt CTGTTGAAGCCGCCGGTAGTGACCGCCCAGTGCAGTGCCTCACGATCACAGCAGTCCAGCGCGAACGTGACACGCAGTCT$ GTGCCCGTTTCGATGGCGGTACAGCAGGTTTTCGCTCAAGCAACAGCGCATTCTGGCGCATGATCCGGTAAACACGTTTG GCATTGATCGCAGGCATACCATCAAGTTCTGCCTGTCTGCGAAGCAGCGCCCATACCCGACGATAACCATACGTTGGCAG GCAATAAGGGCGCGTGCGCTATCCACTTTTTTGCCCGTCCATATTCAACGGCTTCTTTGAGGAGTTCATTTTCCATCGTT TTCTTGCCGAGCAGGCGCTGGAGTTCTTTAATCTGCTTCATGGCGGCAGCAAGTTCAGAGGCAGGAACAACCTGTTCTCC CGTTTCTCCGGCCCTAAGACATCAATCATCTGTTCTCCAATGACTAGTCTAAAAACTAGTATTAAGACTATCACTTATTT GTTAATAAAGGTACTTGTAGATTCAATTGGTCAACGCAACAGTTATGTGAAAACATGGGGTTGCGGAGGTTTTTTGAATG AGACGAACATTTACAGCAGAGGAAAAAGCCTCTGTTTTTGAACTATGGAAGAACGGAACAGGCTTCAGTGAAATAGCGAA TATCCTGGGTTCAAAACCCGGAACGATCTTCACTATGTTAAGGGATACTGGCGGCATAAAACCCCATGAGCGTAAGCGGG ACTGCGCTGAATCGCAGTCCTTCGACGATCTCACGTGAAGTTCAGCGTAATCGGGGCAGACGCTATTACAAAGCTGTTGA TGCTAATAACCGAGCCAACAGAATGGCGAAAAGGCCAAAACCGTGCTTACTGGATCAAAATTTACCATTGCGAAAGCTTG TTCTGGAAAAGCTGGAGATGAAATGGTCTCCAGAGCAAATATCAGGATGGTTAAGGCGAACAAAAACCACGTCAAAAAACC CTGCGAATATCACCTGAGACAATTTATAAAACGCTGTACTTTCGTAGCCGTGAAGCGCTACACCACCTGAATATACAGCA TCTGCGACGGTCGCATAGCCTTCGCCATGGCAGGCGTCATACCCGCAAAGGCGAAAGAGTACGATTAACATAGTGAACG GAACACCAATTCACGAACGTTCCCGAAATATCGATAACAGACGCTCTCTAGGGCATTGGGAGGGCGATTTAGTCTCAGGT ACAAAAAACTCTCATATAGCCACACTTGTAGACCGAAAATCACGTTATACGATCATCCTTAGACTCAGGGGCAAAGATTC TGTCTCAGTAAATCAGGCTCTTACCGACAAATTCCTGAGTTTACCGTCAGAAATCAGGAAAATCACTGACATGGGACAGAG GAATGGAACTGGCCAGACATCTAGAATTTACTGTCAGCACCGGCGTTAAAGTTTACTTCTGCGATCCTCAGAGTCCTTGG ACATGAACTAGATCTGGTTGCTCCTCAGCTAAACAACAGACCGAGAAGACACTGAAGTTCAAAAACACCGAAAGAGATAA TTGAAAGGGGTGTTGCATTGACAGATTGAATCTACACTGTTGAAATTCAGAATTTAGGTTTTGCTTTTGTTACTGGTGAA AATACAACAGGTATAAATAGTGGCACGATCTCGTTATTACAAAAATGGTAAAGATCCGGCACCGTCTCCCATTGTTTTACT GGCTACTAACGGAGGGAGCGCCACTAATGCAGGTACGATCACAGGTAAAGTGACGGAACAACATAGCGTATTTAACAAGT AGCAGAAAATCAGGGTAAAATTACACTGGATTCTATGTGGGTAGATGCAAATGACACTACCGCAATGCGAGATATAGCTA GCAACAGCGCCATTGACTTCGGTACAGGTGTGGGAGTTGGTACTGATAGTTATAGTGGTGCAGGGAAAAATGCAACAGCA ATTAACCAATTGGGCGGTGTTATAACTATTTATAACGCCGGCGCAGGTATGGCGGCCTATGGCGCCAGCAATACAGTTAT TAACCAGGGGACGATTAACCTCGAAAAAAATGGTAATTATGACGATAGTCTGGCAGCAAATACTCTGGTAGGGATGGCTG TTTATGAGCATGGTACTGCTATCAACGACCAGACGGTGTTATCAATATCAATGTTGGTACTGGTCAGGCGTTTTATAAC GATGGCACAGGAACAATTGTTAACTATGGTACAATCTGCACTTTCGGCGTGTGCCAATCGGGGAATGAGTACAATAATAC  $\tt CTTCTGGAAAATACCAGCGGTGGCATCATCAATAACTTAGTAAAACTTGACAAGGGTGCCGTCATTAAAAATGCCGGGGT$ GATGACGAATAACGTCGATGTTAGCGGTGGAATCCTCAATAATGCCGGAGAAATGACTGCGCAAATTACCATGAATGCTG  $\tt GTGCTGATAGTTCGTTAGTGAACACCCGGAACCATCAATAAAATCGTGCAGAACGCGGGGGTATTCAATAATAGTGGC$  AGTGTAACAGGGCGGATGATGTCGGCTGGCGGGGTCTTTAATAATCAAACTGACGGGGCGATTATGAGAGGTGCTGCGCT GACAGGTACTGCAGTGGCAAATAACGAAGGAACCTGGAACCTCGGAAGTAGTAGTGAGGGTAACAACACCGGGATGCTGG AAGTTAATAATTCAGCTTTCAATAACCGCGGCGAGTTTATTCTTGATAACGACAAGAATGCTGTGCACATCAACCAG TCCGGTACGCTTTATAATACCGGTCACATGAACATCAGTAATTCTTCCCACAACGGAGCCGTTAATATGTGGGGCGGAAA TGGTCGTTTTATCAATGACGGAACGATTGATGTTTCTGCGAAGTCACTGGTAGTCAGCGCTAATAATGCCGGCGATCAGA ATGCCTTCTTCTGGAACCAGGATAACGGGGTCATCAACTTCGATCACGACAGCGCCAGTGCCGTGAAAGTCACCCACAGC AACTTTATTGCCCAGAATGACGCCATCATGAACATCAGCGGCACCGGTGCTGTGGCTATGGAAGGTGATAAGAACGCGCA GCTGGTTAACAATGGCACCATCAACCTCGGTACCGCAGGCACTACTGACACGGGTATGATCGGTATGCAACTCGATGCCA ACGCCACGGCGGATGCGGTAATCGAAAACAACGGCACCATCAATATCTTCGCCAATGACTCGTTTGCATTTAGCGTACTG GGTACAGTAGGTCATGTGGTTAACAACGGCACGGTGGTGATTGCCGATGGGGTTACGGGTTCTGGACTGATCAAGCAGGG CGACAGCATCAATGTTGAAGGTATGAACGGTAACAACGGTAATAGCAGCGAAGTGCATTATGGCGACTATACGTTGCCGG ATGTGCCGAAGCCCAATACGGTTAGTGTAACGTCGGGAAGTGATGAGGCTGGTGGCAGCATGAACAACCTCAACGGCTAT GTCGTCGGTACCAACGTTAACGCCAGCGCCGGGAAGCTGAAGGTTAACAATGCCAGCATGAACGCCTGGAGATTAACAC GGGCTTTACCGCTGGTACGGCAGACACCACTGTGAGTTTTGATAACGTAGTGGAAGGTAGCAACCTGACCGACGCTGACG  $\tt CCATCACCTCAACGTCCGTGGTATGGACTGCCAAAGGCAGCACCGATGCCAGCGGTAACGTTGACGTCACCATGAGCAAA$ CGGTATTCCGCGAAGCGCGCGTGTTAAGCAACCGCTTTAGTATGCTGGCAGATGCCGCCGCAAAGTGGGTAACGGTCTG GCGTTCAACGTTGTCGCGAAAGGCGATCCGCGTGCCGAGTTAGGTAATAATACCGAATACGACATGCTGGCATTGCGTAA AACTATCGACCTGAGCGAAAGCCAGACGATGAGTCTGGAGTACGGTATCGCTCGTCTCGATGGTGATGGTGCGCAGAAAG  $\tt CGGGTGATAATGGCGTTACAGGCGGTTATAGCCAGTTTTTTGGCCTGAAACATCAGATGTCGTTCGATAACGGCATGAAC$ TGGAATAACGCCTTGCGTTACGACGTTCACAACCTTGACAGCAGCCGCTCGATTGCATTTGGCAACACACAAAACCGC TGATACCGACGTGAAACAGCAGTACCTGGAGTTCCGCAGCGAAGGGCGAAGACTTTCGAACCGAGCGAAGGACTGAAGG TTACGCCATATGCGGGTGTAAAACTGCGTCACACTGGAAGGTGGCTATCAGGAGCGCAATGCCGGAGACTTTAACCTG AATATGAACAGTGGCAGCGAAACGGCGGTGGACAGCATCGTCGGGCTGAAACTGGACTACGCAGGTAAAGACGGCTGGAG GTCAGCACTTTAACGTCGATGACGGTCAGAAGGGCCGGCGTCAATAGCCTGACAAGCGTCGGCGTGAAGTACAGCAGC  ${\tt AAAGAAAGTTCGCTGAATCTGGATGCGTACAACTGGAAAGAGGATGGCATCAGCGATAAAGGCGTGATGCTGAACTTCAA}$
GAAAACGTTCTAATTTTTAGCATGTGATCCCTAAACCGCAACGCTGATACAGGTTGCGGTTTTTTTATTGCCGGATGTGG TACGTGACGCGTTTTGTTTTTGTGTCTTTCAGGACAATAGAGCAACTCATCCAGTAATCTTGTTTTACACCTTCGCATTATT TATCTCTTTTCGTTTCTATACTGATTTTTCTTAATCCGTTTTATTACAGGGCAGGGTGCGATGAGCAGTACATTTAC TCTCGGTACAAAATCCGTTAACCGTCTTGGTTATGGCGCGATGCAACTGGCAGGTCCTGGAGTTTTTTGGCCCCCCACGAG ATCGCCACGTCGCTATAACCGTGCTGCGTGAGGCGCTGGCATTGGGCGTCAATCATATTGATACCAGCGACTTTTATGGT  $\tt CCGCACGTCACCAATCAGATTATCCGCGAAGCGCTTTATCCTTACTCTGACGACCTGACAATTGTCACTAAAATTGGTGC$ GCGGCGTGGAGAGGACGCATCCTGGTTGCCCGCATTTTCTCCGGCAGAGCTGCAAAAAGCGGTGCACGATAATCTACGTA ATCTCGGGCTGGACGTGCTGGATGTTAACCTGCGCGTTATGATGGGGGATGGTCATGGCCCAGCGGAAGGATCGATT GAGGCCAGCCTGACCGTGCTGCCAGAGATGCAACAACAAGGCCTGGTAAAACATATTGGCCTGAGCAACGTCACCCGAC GCAGGTTGCAGAGGCGCGCAAGATTGCCGAAATTGTCTGTGTGCAAAACGAATACAACATCGCGCACCGTGCTGATGATG CAATGATTGATGCTTTGGCCCACGATGGCATTGCCTACGTGCCGTTCTTCCCGCTCGGGGGCTTTACACCGCTGCAATCG GAATATTTTGCTGATCCCAGGGACGTCTTCGGTTGCGCATTTACGGGAGAATATGGCTGCTGAAAAATTGCATCTTTCTG AGGAAGTGTTGTCTACGTTGGATGGTATTTCGCGAGAATAACGAATATACAAAAGGGAAAGATGCATTTCCCTTTTTTTCTTTTTTAATGGCATGGAGTGCATATGTTGAAGGCCAGGAATTGCGGCTGGATACGTTTACTGCCCCTGTTTATGCTGAGT TAAACAACAAGTTGAACAAGCTATCAACAGTAGCGTGAATCTTGTCCCCTTCGGTTTATCTGCATCGAACTGGAAAGTGC AATATTTCCACTTTCTCTCTTTCTAATCCATGGGTTATTCTCGGTAACGTGACGGCAACGAATATAGTTGCGGATTCACC  ${\tt ACTGTTAATTACCGGTTCGATAAATGCAAGTGGACTGGTATTTATCGACTCATATTACGATAATCCGTCTACGATTAAGATTAAGGATTAAGATTAAGGATTAAGAT$  GGAGTATTAATGCGCGTGGGATATTTATCAATGACATAATTGCACCTGTTGTTGCGTCTTCGACAAATAGTGAATTCATG GTCCGTGCGAGTGACAACATGACACTGAAAATGTCAAAAAAGCGCTGATGATAATAAATCCTGATGCATATTATTGGGG GCTAATTAATGATGAAGATGCTCTGAAAGAAATTTTTAAGCGAAGCAATATTCGCATGGCAGGGAATGTCTGTAATCAGA TGAAAAAGAAGCGCTGTTTCGCCCTAAGCCTTCTCCTGAGTTAGTGCAAGAATTGCAAATGCTGGATGAAGGCAAAGTT GCTGCATTTGAAGGACGAGACATTGCGACATTTGATCTTGCCGTAATGCGAACTCTCCCAAGGCTTAAAGGAATTTCAGC TAACCTACGCAAACAACTTATTAATAGCAATGATGAACAAACGATTGAAAGTATGGCGAGATATATGCCTGACAATGAGA TTCTGGAGTTGACCGATCAGCAATTGGGTTACCAGCCTGTTGTTCTGGGGTTGCTCGACCGTGAACCGCTCTCTGTCGAA ATAATGACGCGAATGAGTCGTCTACCTGATGGTGTCGGTCCGTTGAATCTTGCGCTACGTGAAAATCTCCCTCTGGATAT TTATTGATGGCTATATCCGCAGTGATGATTCCTCTATTCGTCAGGTCGGTGCTGGAGGACAACTCACCTACAATCAGGCA ATGCAGTTGGCGAACGATTCATCAAACAATGTTGTCACAAGCTTAGCGTTCAAGCTGGCAGAGATGAAACACCATGGTCA ATTGTTGCGGATGACGCCACAAGAGAGTGACAAAGTTGCAGGCTATTTATACCAAAAATTCGAGAATGACGATGATCTAA TACGTGTGTTATTTTTAGCATTGCCAGATAACTTACAGTTTAATTTTGTTAAAAGGATGGAGAAAAAATCCCCGGCCTAC TTTTGCTGTCGGGATATGCAGGTAATTCACTCTGACGCTGCTTTACAACGGTTATTGACACGTTTCAACGATCCTGAAGG GTGGAGTAATCTGGCGAAAAATCAGTATCTGAGCACGTCGATGAAACAAAAATTTTGGCAACGTGCTTTATCGCATCGGA AAAATAATCCGAAAGCAGATTCAGATGCATATGAAACCAGCGCTGATATGATTTTGTCTGAGCTGATTAGCCACGGCGAA  $\tt TTGGGATAATTTACCCGCTGTTGTTCTCAAGGAATTACAGCAAAACACGCCACGCAATGATATTTGGGCGAAGTTTTTTC$ TGAGGCAGGAAAACAGTTCCCGTGCGCAGGTTGACGAAGCGTTACGTGTTTATTATGCACTAGACCCCGATGCGTTAGCA  ${\tt CAACTGGATGTACTGGCAAAACAACCGGATCGTATATGGTGGAGTACACTGGCGAAAAGCAATCTCACATTTTTCAAGTTATGGTGGAGTACACTGGCGAAAAGCAATCTCACATTTTTCAAGTTATGTTGAAGTTATGTGAAGTTATGTATGTTATGTTGAAGTTATGTTATGTTATGTTGAAGTTATGTATGTATGTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTA$ CGGCGCACTTAACAACCGCCACACACCGCCTGCAGTACTGGCGGCAGAAATTGATCCCGAGTGGTGGATTGTGGCGATGA ATAATCCCCGTTTTCCAGTTGATGTATTAAAGGCGAGGCTGAAACGTGATCCTTTGCTGGCGTTAGAGCTTGTTAACCCT GAACTGGATTTAGTCCGCCAGCTGGCGCTTAACGGTAAGACGCGCGCAATACGGGAACAAGCGATGAGAAAACTTGATGA GTTGTATTGATCCACAACGTAATGTTTTTTAACTATCTGATTAATTGGGGATAATCATTCCTGACAGTGAGTCCCCAATA CCTTGATATATTCTGAATTTTTAATGAAACGGCGTGTTGCGATATCTCCGTCAGGGGAATTGATGCACCATAGCGCAAAC CGAATTATCAAGGATTGATAATGACGCTCTACCAGATAAAACCGCTCTTTCAGTCGCTGTTAAGGCCGACGATGTTTTTGG  $\tt CTTTATAAGCACCACGTTACAGCGAATCACATCACTCTTGCTGCACTGGCGCTTTCTCTTACCGGATTGCTGTTGAT$ TGTTGGCGCGTGAGTGCAACCAGCAAACACGTCTGGGGGCGATTTTTGAATGAGACTGGCGATGTTATTTCCGATATTGCG  $\tt CTCTATTTACCATTTTTATTTTTACCGGAAAGTAACGCATCACTCGTGATACTCATGTTATTTTGCACCATATTGACCGA$ GTTTTGCGGTTTACTCGCGCAGACGATTAACGGTGTTCGCAGTTATGCCGGTCCATTTGGCAAAAGCGATCGCGCGTTAA TATTTGGTCTGTGGGGTCTGGCCGTTGCCATTTATCCACAGTGGATGCAGTGGAATAATCTTTTATGGAGCATTGCTTCA ATTCTGCTTCTCTGGACTGCGATTAATCGTTGTCGGAGTGTCTTCTTATGAGCGCTGAAATATAATGCTGGAAAAATCT  $\tt CTGGCAACACTTTTCGCGTTGTTAATTTTAGCAACGCTGATAAACCGTTTTCTGCTATGGCGGTTACCGGAGAGAAAAGG$ TGACGTTGACGTTTTTTGCGCTGATAAGTTTTCTGGCATTGAAAGAATATTGTACGCTTATATCTGTACATTTTCCGCGT  $\operatorname{\mathsf{GGCTGGGTTTCTGATATTAGCCACCGGGCAAGTTTTAGTGGGTGACCCCTCTGGTTTTCTGCATACCGTGAGCGCCATTT$ TTTGGGGCTGGATAATGACCGTTTTCGCCTTGAGTCATGCCGCCTGGTTATTAATGTTGCCAACCACAAATATCCAGGGC  $\tt CGTCACTGATTATCGGACCGTTACTGACACCGCTAAATACATTACAGGCATTATTAGCGGGTTTGTTAATTGGTATTAGT$ GGTTTTTGCGGCGATGTCGTGATGTCAGCCATCAAACGAGATATTGGTGTTAAAGATAGCGGAAAACTATTGCCAGGACA TGGCGGACTCCTTGACAGGATTGACTCATTAATTTTCACCGCTCCGGTATTTTTTTATTTTATACGCTACTGCTGTTACT TATCGGCACTGGCCCGCTTTACAGCCCGGGGCGAAAAAGGTCATCGTCTTATTTCATCGCGGGCATGAACATTCTGGTCG TCTACAACATCTCGTTGATGAACTGCCGATGCCAGATACTGCTTTTTATGCCTGGGATGCCCGAGGGCATGGAAAAAGTT 

AGCCAGGTTGGACTGGAAGAGGTGGTAGTGATCGCGCAAAGCGTCGGCGCAGTGCTGGTTGCCACATGGATTCATGATTA TGCACCTGCAATTCGCGGGCTGGTGCTGCTTCTCCGGCCTTTAAGGTTAAATTGTATGTGCCGCTGGCACGTCCTGCGC  $\tt CGGGGGGGGGGGTTTCAATAATGATCCGCTGATCACACGGGCGATTGCCGTTAATATCTTGCTCGATCTCTACAAAACGTC$ TGAACGTATTATTAGAGATGCGGCGGCGATTACGCTCCCACGCAACTTCTGATATCAGGCGATGACTATGTGGTGCATC GCCAACCGCAGATTGATTTTTATCAGAGATTACGTAGCCCTCTGAAAGAGCTGCATCTGCTGCCAGGCTTTTATCACGAC  ${\tt AAAATTTGATTATCAGCATGAAGACTGCACAGGACCATCAGCGGATCGATGGCGGCTACTTTCTGGTGGACCCGTGCCAT}$ TATCGCCGGTTGATTTAGCGTATCGCTTTATGCGAAAGGCGATGAAATTGTTCGGGACGCACTCTTCGGGCCTGCATCTC GGAATGAGCACCGGCTTTGATTCAGGCAGTTCGCTGGATTATGTCTATCAAAATCAACCGCAAGGTAGTAACGCATTCGG TTAAACAAGCCGTTGCCGATCTCCACGCCAAAGGTTTAGCCGTCCGCGTGGTTGACATTGCCGCAGGGCATGGGCGCTAT GTACTGGATGCGCTGGCAAACGAGCCTGCCGTAAGCGATATTTTGTTACGTGATTACAGCGAGTTAAATGTTGCACAGGG GCAAGAGATGATTGCTCAACGGGGAATGTCTGGGCGGGTGCGTTTTGAACAGGGCGATGCGTTTAACCCGGAGGAACTCA GCGCGTTAACTCCGCGGCCTACGCTGGCGATTGTCTCTGGCCTGTATGAGCTTTTTCCCGAAAATGAGCAGGTAAAAAAC TCACTCGCAGGTCTTGCCAATGCCATCGAACCGGGCGGCATTCTCATCTACACCGGGCAGCCGTGGCACCCTCAACTGGA CACTCGTGCGTGATGCCGGATTTGATAAATGCACACACGGATTGATGAGTGGGGGTATTTTTACGGTTTCGATGGCGGTG  $\tt CCTATGGATCTCTTAATCAGTTCACCGCGGTTCAGGACCTTAACAGCCATGATATCCCCAGTCAGGTATTCGGTTGGGAA$  ${\tt ACGGCGATCCCTTTTCTTCCCTGGACTATTGTTCCTTACTGGAGTCTGGATCTTTTATATGGATTTTCGCTGTTCGTTTG$ TAGCACGACATTCGAACAGCGCCGACTTGTCCACCGGCTTATTCTGGCAACGGTAATGGCCTGCTGCGGTTTTTTGCTCT ATCCGCTGAAGTTTAGTTTTATCCGTCCTGAAGTGAGTGGGGTGACGGGATGGCTATTTTCGCAACTTGAACTGTTTGAT GAGGTGGCGTAAAGTCTGCGGCGGATGGTTTTTACTCATCGCCATTTCGACGCTGACGACCTGGCAGCATCATTTTATTG  ${\tt ATGTCATCACAGGGCTGGCGGTAGGTATGTTGATTGACTGGATGGTGCCCGTCGACCGTCGTTGGAATTATCAGAAACCT}$ GATCAACGTCGAATCAAAATAGCACTGCCCTATGTCGTAGGCGCGGGCTCGTGCATTGTATTGATGAGGCTAATGATGAT GATTCAGTTATGGTCAGTCTGGTTATGTTGGCCAGTATTATCGCTACTCATAATTGGCCGTGGGTACGGTGGGCTTG TCCACGACATATTCCGGCACAGAATGCGGTTCTGGACGTCACCTTTGAATTCCCTCGCGGACGAGCCACAAAAGATCGAC TTACGCGAAGAGCAAGGCAGCGTTCTGGTCCATTGTGCATTGGGATTATCGCGCAGTGCGCTGGTGGTGGCGCATGGTT GTTATGTTACGGACACTGTAAAACCGTTAATGAAGCGATTAGCTATATTCGAGCCAGACGCCCGCAGATTGTGCTGACAG  ${\tt AAGACCGTGTCCGGTTATGCAGAAACAATGCTGTCGATGGCTGCTTTTGCGTCAGACTGTGCTTTCCGCTGCCATTTCCGG}$ ACCGTATGCGATCCCTTCGGCGAAGACAAATTTCACATCGGTAATGCCGATAAAGCCGAGGAACGTGGACAGATACGGCG TCCGGACCGTTCTCGGTATAGCGGAAAGTAACGCCTGCGCGGGCAACCAGGTCAAAATAGTTTTTCAACTGAGTCGAGAT GTTGAAGTTATACATCGGTGCCGCAATAACGATAACGTCGTGGGCTTTCAGCTCGGCAATCAACTCATCGGAAAGTGCCA GAGCTTCCTGCTGACGCGGAGTCAGCGGCGCATCGCTCGGACGCAGAGCGCCAACCAGTTCGCCATCCAGTACCGGAATC GGATTTGCAGCCAGGTCGCGAACGGTGATTTCATCAGCGGAGTGCTTTTCGCGCCCATTGTTCAACAAAATAATCGGACAA  $\tt CTGATTAGACTGAGAGTACCCTGCCAGGATGCTGGATTTAAGAACTAATACCTTGCTCATGGTGTTTCCTTATAGATGTT$ TGAATGGGCGATGCCCCGTTGCTTGACACTTTATTCACAATCCTGCCACAGAGATAGCGCAATAAATCGAAGCCTAT GACTACTGCCCACTAACGTTATGACAGAACAACAAAAATTGACCTTTACGGCCTTGCAGCAGCGGCTGGATTCGCTGATG  $\tt CTGCGTGACAGACTGCGTTTTCTCGCCGTCTGCACGGCGTGAAGAAGGTTAAAAATCCTGATGCACAACAGGCCATTTT$  $\tt CCAGGAGATGGCGAAAGAGATTGACCAGGCGCAGGGAAAGTCCTGCTGCGTGAAGCGGCACGACCGGAAATTACTTATC$  GAAACGGGTTCTGGTAAAACGACTCAGTTACCGAAAATCTGTATGGAGCTGGGGCGCGGGATTAAAGGACTGATCGGCCA TACCCAGCCGCGTCGTCTGGCGGCAAGAACAGTGGCGAACCGTATTGCGGAAGAGGCTGAAAACGGAGCCGGGCGGTTGCA GAGATCCAGCAAGACCGCCTGCTGATGCAGTACGACACTATCATTATTGACGAAGCGCACGAACGCAGCCTGAATATCGA TTTTTTGCTCGGCTATTTGAAAGAGTTGCTGCCGCGGCGTCCTGACCTAAAAATCATTATCACTTCCGCGACTATCGACC  $\tt CGGAACGCTTTTCGCGCCACTTTAATAATGCGCCGATTATTGAAGTCTCCGGTCGGACCTATCCGGTGGAAGTGCGCTAT$ GGAAAGCCATGGCGACATTCTGATCTTTATGAGCGGCGAGCGGGAAATCCGCGATACCGCCGATGCGCTGAACAAGCTGA ACTTACGCCATACCGAAATCTTGCCGCTTTATGCGCGGCTTTCGAACAGCGAACAAATAGGGTATTCCAGTCGCACAGC GGACGGCGCATTGTGCTGGCGACCAACGTCGCGGAAACGTCGCTGACCGTACCGGGGATTAAATACGTTATCGACCCCGG TACAGCGCGTATCAGCCGCTACAGCTATCGCACCAAAGTGCAGCGTTTGCCGATTGAGCCGATTTCCCAGGCGTCTGCCA ATCAGCGTAAAGGCCGCTGTGGTCGTGTCCGAAGGGATCTGTATTCGTCTCTATTCCGAAGACGATTTCCTCTCGCGC TCAGGATCCGCGCGAACGTCCGATGGACAAACAGCAGCATCGGACGAAAAACATCGTCGCTTCCACGACAAAGAGTCTG ACTTTCTCGCGTTTGTGAATCTGTGGAATTATCTTGGCGAGCAGCAAAAGGCGCTTTCTTCCAACGCCTTCCGTCGCCTG TGTCGTACCGATTATCTCAACTATCTGCGCGTGCGCGAATGGCAGGATATCTACACCCAGTTGCGTCAGGTGGTGAAAGA  ${\tt ACTTGGCATTCCGGTTAACAGCGAACCGGCGGAGTATCGCGAAATTCACATTGCGTTGCTGACCGGTTTACTTTCCCATA}$ TCGGCATGAAAGATGCCGATAAACAAGAATATACCGGCGCACGTAACGCGCGTTTCTCCATCTTCCCCGGTTCTGGTTTA GCGCGGTGATGGCAACGGAAAAAGTCACTGTTTATGGTTTGCCGATTGTTGCCGCGCGCAAGGTCAACTACAGCCAGATC GATCCGGCGTTATGTCGTGAACTCTTTATTCGCCACGCGCTGGTGGAAGGTGACTGGCAGACGCGTCACGCATTCTTCCG TGAAAACCTGAAACTACGGGCGGAAGTAGAAGAGCTGGAACACAAATCACGTCGCCGCGATATTCTGGTTGATGACGAAA CGTTGTTTGAGTTCTACGACCAGCGCATCAGCCACGATGTAATCTCCGCTCGCCACTTCGACAGCTGGTGGAAAAAAAGTC AGCCGCGAAACGCCTGATTTGCTCAACTTTGAAAAAAGCATGTTGATCAAAGAGGGCGCAGAAAAAAATCAGCAAGCTGGA TTACCCGAACTTCTGGCATCAGGGCAATCTCAAGCTGCGTTTGAGCTATCAGTTTGAGCCCGGCGCGGATGCTGACGGTG TGACCGTACATATTCCGCTGCCGTTACTTAACCAGGTTGAGGAAAGCGGGTTTGAATGGCAGATCCCCGGTCTGCGCCGC GAACTGGTGATTGCTCTGATTAAATCGTTGCCGAAACCGGTACGCCGTAATTTTGTACCCGCGCCAAACTATGCCGAAGC GTTTTTAGGCCGCGTCAAACCGCTGGAGTTACCGTTGCTCGACAGCCTTGAGCGCGAGTTACGGCGGATGACCGGCGTTA AAGAAGCTAAAAGAAGGCCCTCGCTACAAGATCTGAAAGATGCGCTGAAAGGCAAAGTGCAGGAAACGCTATCTGCGGT GGCGGATGACGGTATCGAGCAGAGCGGCTTACATATCTGGAGTTTTGGTCAGCTGCCGGAAAGCTACGAACAGAAGCGTG GCAACTACAAAGTGAAGGCGTGGCCGGCGCTGGTGGATGAGCGCGACAGTGTGGCGATCAAACTGTTTGATAACCCGCTG GAGCAAAAGCAGGCAATGTGGAACGGTCTTCGCCGTCTACTGCTGCTGAATATTCCATCGCCAATCAAATATTTACATGA AAAGTTACCGAACAAAGCCAAGCTGGGACTGTACTTTAACCCGTATGGCAAAGTGCTGGAGCTGATCGACGACTGTATCT  $\tt CCTGCGGTGTGGATAAATTGATCGACGCCAATGGTGGCCCGGTCTGGACGGAAGAAGGCTTTGCTGCGCTGCATGAAAAA$ GTGCGTGCCGAACTGAACGACACGGTGGTGGATATTGCGAAGCAGGTCGAGCAAATCCTTACGGCAGTGTTCAATATCAA  $\tt CAAACGTCTGAAAGGGCGGGTGGATATGACCATGGCGCTGGGGCTTTCTGACATTAAAGCGCAGATGGGCGGGTTGGTAT$ ATCGCGGTTTTGTCACTGGTAACGGCTTCAAACGGCTGGGCGACACGCTGCGATATTTGCAGGCGATTGAAAAACGGCTG GAAAAACTGGCGGTTGATCCACATCGCGACCGTGCGCAGATGCTGAAAGTCGAAAACGTCCAGCAGGCGTGGCAGCAATG GATCAACAACTGCCGCCCGCACGTCGTGAGGATGAAGACGTGAAAGAGATCCGTTGGATGATAGAAGAGTTGCGCGTTA GTTACTTCGCTCAACAACTTGGTACGCCTTATCCGATTTCAGATAAGCGTATTTTGCAGGCGATGGAGCAGATTAGCGGT TAACCCTGCTATTTGCCTGATAAAGAAAAACCCGGTAAGCATTTAGCGCCCGGGTTTTTTATTAATTCTAAAACGGTAAG GGTAAAAATTCAGGAATTCAGAAAAATACAATTCTCTGCTGCAAGATGAATAATGTTTATCTACAGCATTTCCTTAAAAG ATATGTCAGGCTTGCGGAGTGGCGGTTAAGGACATACGATTTCCTCCTTTCAGAGTGCTCCGCTTCTCACTATTATCTCA CGCAGTATTCTTAAGGGAACGATAAGGAGGAACCATGAACATTACCCCGTTTCCGACGCTTTCGCCGGCAACTATAGATG  ${\tt CCATAAATGTTATCGGACAGTGGCTGGCGCAGGATGATTTCTCCGGTGAGGTGCCGTATCAGGCCGATTGCGTGATCCTT}$ GCAGGCAATGCGGTTATGCCGACTATCGATGCGGCATGTAAGATTGCCCGCGATCAGCAAATTCCTTTACTGATTAGTGG TGGTATCGGTCACTCGACAACTTTTTTGTATAGCGCCATCGCACAGCATCCGCACTACAACACTATCCGCACCACTGGCA GAGCAGAAGCGACCATCCTGGCGGATATCGCTCATCAGTTCTGGCACATTCCGCATGAAAAAATCTGGATTGAAGACCAG TCAACAAACTGCGGTGAAAACGCACGCTTTAGCATCGCGCTATTGAATCAGGCCGTAGAACGAGTTCATACGGCTATCGT TGTTCAGGACCCCACCATGCAGCGCCCACGATGGCGACGTTCCGCCGTATGACTGGGGACAATCCCGATGCACCACGCT GGTTAAGTTATCCCGGATTCGTTCCTCAGTTAGGAAATAACGCAGACAGTGTAATCTTTATTAATCAGTTACAAGGATTA TGGCCAGTTGAGCGTTATCTCTCACTACTCACTGGCGAGCTGCCGCGTTTACGCGATGATAGCGATGGCTACGGTCCCCG TCATCGAGGCGATGGAAAGTCGCTCGTTACGTTAAAAATTGCCCGTTTGTGAACCACTTGTTTGCAAACGGGCATGACTC  $\tt CTGACTTTTATTCTGCCTTTTATCCTTTTACACTTGTTTTTATGAAGCCCTTCACAGAATTGTCCTTTCACGATTCCG$ TCTCTCTGATGATTGATGTTAATTAACAATGTATTCACCGAAAACATATAAATCACAGGAGTCGCCCATGTCAGTA  $\tt CCCGTTCAACATCCTATGTATATCGATGGACAGTTTGTTACCTGGCGTGGAGACGCATGGATTGATGTGGTAAACCCTGC$ TACAGAGGCTGTCATTTCCCGCATACCCGATGGTCAGGCCGAGGATGCCCGTAAGGCAATCGATGCAGCAGAACGTGCAC TTTTGTTTAAACGTGCGCTTGGTGTGACTACCGGCATTCTGCCGTGGAACTTCCCGTTCTTCCTCATTGCCCGCAAAATG GCTCCCGCTCTTTTGACCGGTAATACCATCGTCATTAAACCTAGTGAATTTACGCCAAACAATGCGATTGCATTCGCCAA AATCGTCGATGAAATAGGCCTTCCGCGCGGCGTGTTTAACCTTGTACTGGGGCGTGGTGAAACCGTTGGGCAAGAACTGG  $\tt CAAAGCCATCGTTGATTCACGCGTCATTAATAGTGGGCAAGTGTGTAACTGTGCAGAACGTGTTTATGTACAGAAAGGCA$ TTTATGATCAGTTCGTCAATCGGCTGGGTGAAGCGATGCAGGCGGTTCAATTTGGTAACCCCGCTGAACGCAACGACATT GCGATGGGGCCGTTGATTAACGCCGCGGCGCTGGAAAGGGTCGAGCAAAAAGTGGCCGCGCGCAGTAGAAGAAGGGGCCAG TGTCGATTATGCATGAGGAAACCTTTGGCCCGGTGCTGCCAGTTGTCGCATTTGACACGCTGGAAGATGCTATCTCAATG GCTAATGACAGTGATTACGGCCTGACCTCATCAATCTATACCCAAAATCTGAACGTCGCGATGAAAGCCATTAAAGGGCT GAAGTTTGGTGAAACTTACATCAACCGTGAAAACTTCGAAGCTATGCAAGGCTTCCACGCCGGATGGCGTAAATCCGGTA GAGGCGGAGGTTTTTTCCTCCGCCTGTGCGCGTCAGAGTTTAGCGAATTTTTTCGAGGGTGCGAATAAGCTGTGTGACGAA GCCATATTCGTTATCGTACCAGGCGACCGTTTTCACCAGTTGTAAATCGCCCACGGCGGTAATTTCCGTTTGCGTGGCAT CAAACACCGAACCGAAATGGCTGCCAATGATATCGGAAGAGACTATTTCTTCATCGGTATAACCAAATGACTCGTTATTG GTGGTTGCTTGTTTAAGTGCGTTATTCACCTCTTCGGCAGTCACTTTTTTCCGAGAATCGATACCAGTTCAGTGACCGAA GTGACTGGGTGCCAGTATAGGCATGAATGGTCGTCATCGTGCCGACTTCTATCCCGAAACTGTCATGCAAGGCTTTGGCC ATCGGCGCAAGACAGTTAGTGGTGCATGACGCCACGGAAACAATGGTGTCGTTGCCATCCAGAGTGTCGTCATTGACGTT ATAAACGATAGTTTTCATTTCACCGGCAGGGGCGGAAATCAACACCTTCTTCGCACCAGCATCAAGATGCGCCTGCGATT TCTCGGCGGAGGTATAAAAGCCAGTACATTCGACAATGATTTCTGCACCTTTCGCTTTCCACGGAATATTTTTTAGCCTCT TTTTCGGCGTAAACCGCGATACTTTTCCCATCAACGATAAGTGAATCTTCCGTAAAATCAACGCTCCAGGGGAATGGTCC GTAGTTTGAATCATGTTTCAGCAGGTAGGCGAGAATTTATGGGGAAGTGAGATCATTAATAGCGACAACGTCTATGTTGC TTTTGACTTCAAGTAATCGACCCAACACCAGTCGACCGATACGACCAAAACCGTTAATACCAACTTTACTCATGGTTTTC TCCTGTCAGGAACGTTCGGATGAAAATTGATCCTTTCCAAGCTTAGACCAGGATGGCGGGATGGGCAATCTCCATTCTCA   ${\tt TATCGCAGCGTATTGCGCAATGGAGTTTCGTGGTTTTCTCCCACGTAGCGATCGGCCACTCATCAACATGATTCATGTTT}$  $\tt CCTGTGGCATCTCAATTCTCGTGCTGATGGTCGTTCTTTTGTTAAGGCTGAAATACCCAACCCGCCGATTATACCT$ TGGTTTGGTGATGATGTATAACCGGGGCAACCCGTGGTTTGCGTTTGGTTTGACGATGCCTTACGCTTCAGAGGCCAATT GCTGCACTGGCACCACTATTTCTGGAAGGACAACACACTTCTACGCATGATGCCGCGTAAACGTTCCTGAAGGATATT TAAAGAAAACGCCTGTACTAAAACCGACCCGTGGTACAGGCGAAGAATACGGGTCTACATCGGAAGCGCCTATTATATTT ATTTGTATGATAAATAAAACCATAATCCTTGCCCATACGTCCATCTGGCTTATTTTTAATCAATTCACCCGATCTTTGAT CTCATCAACGGTATCAAAATAAACCAGCGTATAACGTTCAAATCGAACATAAGATTCGATAAACCATGGAGGTTATATGA AAAAACTGGCACTTATTTTGTTTATGGGAACGCTTGTTTCCTTTTATGCCGATGCCGGGCGCAAACCCTGTTCTGGTTCG  $\tt CACTAACTGAAGTGTAAAAGGGGTGCCATGAGAAATGAATCTGCTAGTCAAATGCGCGGGGAAAATCCCCGCGCTTGCC$ GTCAGGAGTGTGAATGTCAGAATCGTAATGCAGATAATGAGCAGACACCACCAGAGGGTTGTGCTTCATAGCCTTTCT  $\tt CCTTGCCGGATGGCGGTAAGAGGCTAAGATCTGAATTGCTAGGTTCATTCGTTGGCCTCGGTTGATAGAAATATCGGTC$  $\tt GGGGCCTTCGTCTTTCTGATTCCCGGTTAGCCTGAAAACAGAAAGTCTCAGGCACCCGCAGGCATCCTATGAGGTTTCCT$ TAGGGACGAAATAATCACTTCACGAAATTGCGTGCTGTTTTCCAGAATTTTTCGTCATTCGGGTTAGCCAGTTTAGCCA TTCGTTACTCTTCATTCCAATAGCATTAATTTTCTATGCAATAATTGTTGTAAAAATGTGACGCAAAGAGGTTTTTGG TCATAAGTAATTACCGTCAAGTGCCGATGACTTTCTATCAGGAGTAAACCTGGACGAGAGACAACGGTAATGAATACAAC TATTCGCATTAAGTTCAGCCCTGGCTGGCTATTTCCTCTGGCAGGCCGATCGCGATCAGCGTGATGTTACTGCGGAGATT GAGATTCGGACCGGGTTAGCGAACAGTTCAGATTTTTTGCGTTCAGCCCGGATCAATATGATTCAGGCCGGGGCTGCGAG TCGTATTGCGGAAATGGAAGCAATGAAGCGAAATATTGCGCAAGCCGAATCGGAGATTAAACAGTCGCAGCAAGGTTATC GTGCTTATCAGAATCGACCGGTGAAAACACCTGCTGATGAAGCCCTCGACACTGAATTAAATCAACGCTTTCAGGCTTAT AACTGGCCCATCAGCGCACCCGCCTGGGTGGGATGTTCATGATTGGCGCGTTTGTGCTTGCCCTGGTCATGACGCTGATA TCTGACGATGAATGATGAACCGGCGGGTCGTAATGAAATCGGTCGCTTAAGTCGTCATTTACAGCAAATGCAGCATTCAC TGGGGATGACAGTAGGGACTGTTCGACAGGGCGCGGAAGAGATTTATCGTGGCACCAGCGAAATTTCAGCTGGCAATGCG GACCTGTCATCTCGCACCGAAGAACAAGCGGCGGCTATCGAACAACTGCCGCCAGCATGGAGCAACTCACTGCGACGGT GAAACAGAATGCGGATAACGCGCATCATGCCAGCAAACTGGCGCAAGAGGCTTCTATTAAAGCCAGCGATGGCGGGCAGA  ${\tt CGGTTTCCGGTGTAGTAAAAACGATGGGCGCTATCTCCACGAGTTCGAAGAAAATTTCTGAGATCACCGCCGTCATCAAC}$ AGTATTGCTTTCCAGACGAATATTCTGGCACTGAATGCTGCCGTTGAAGCCGCGCGAGCGGGTGAGCAAGGGCGTGGATT TGCCGTTGTCGCCAGCGAAGTACGGACACTCGCAAGTCGCAGCGCTCAGGCGGCGAAAGAGATTGAAGGCTTGATCAGTG  ${\tt AATCAGTCAGGTTAATTGACCTGGGGTCGGATGAGGTGGCAACGGCCGGGAAAACCATGAGCACTATTGTTGATGCCGTC}$ GCGAGTGTCACACATATCATGCAGGAAATCGCCGCCGCCTCGGATGAACAAGTAGAGGCATAACGCAGGTTAGCCAGGC GATTTCTGAAATGGATAAGGTGACGCAACAGAATGCTTCTCTGGTAGAAGAGGCCTCAGCGGCGGCGGTGTCCCTTGAAG AACAGGCGGCACGATTAACTGAGGCGGTGGATGTATTCCGTCTGCACAAACATTCTGTGTCGGCAGAACCTCGCGGAGCG  $\tt GGTGAACCAGTTAGTTTCGCTACGGTGTGAAAATGTTCAAGGAGGGATCGACAGATCCCTTCACCTTTCAGAACGGCATT$ GATTTTCGAATAGCGTTAATCATCAACTGGCAACCAGAAGAGAACGTCGCATCTACGCGGGTCAGTATTCCAATCGGTTC GCCTGCACCATGTCCCGGAACAGGCCAGGGCCACCAGCGTGGCATGACGCAGGTCGTCTTTTACAGCGCCAGAAGGGACAA GTTCGTAATTAAGCCCGGTCATCAGTTCAGGATCTGACATCCGACCAATGCCGATATCGATTTCCCCGGTTTTTAAACCC AGGTAATATCCCCAGTGCCGCAGTAGGTAGTGCACCAACCCTGACGACATCATTATTAAGACCTTCTTTACGATGAAGCG TGCGCTGACTAAACAGACTATTTTTTTCCATAAGCGATGTTAAAAACGAAGCGGTGTCGCTGACAAGTGAAGTTGTTTGA TTATGATAACTTGATTGCAAAATATTATTAACAATTAAAGCAATTATGTTACAGCAAAATGGATAATATTGATGTTTTCG  $\tt CGGCGAGATCACAGTTTGTAAATTCTTCCCGCAAGAGTGAATGCGGTTACCTACACTCCAGATTACTGACCACTGGAGGC$ AGACACTATGGCGAACAGCATCACGGCGGATGAGATTCGGGAACAGTTTTCGCAGGCAATGTCAGCCATGTACCAGCAAG AAGTTCCGCAATATGGCACGCTGCTGGAACTGGTAGCTGATGTGAATCTGGCTGTGCTGGAAAACAATCCTCAACTGCAC GAAAAAATGGTAAATGCAGACGAGCTGGCGCGCGACTGAATGTTGAACGTCATGGGGCCGATTCGCGTTGGGACTGCACAAGA  $\tt CGGTACATTCGACAGCATTTCGGCCCATTGATGATGCTTCTCTGGCGCGTAATCCCTTCCGCGTTTTTACCTCCTTACTC$ CGCCTTGAGCTTATCGAGAACGAAATTTTGCGCCAGAAAGCGGCGGAGATTCTGCGTCAGCGCGATATCTTCACCCCACG TTGTCGACAACTGTTAGAGGAATATGAGCAGCAGGGCGGTTTTAACGAAACACAGGCACAGGAGTTTGTGCAGGAAGCCC TGGAAACGTTTCGCTGGCACCAGTCAGCAACGGTAGATGAAGAAACCTATCGCGCATTGCACAACGAACATCGGTTGATT  $\tt GCTGATGTGGTCTGTTTTCCTGGATGCCATATCAACCACCTGACGCCACGTACGCTGGATATTGACCGGGTGCAGTCGAT$  $\tt CCAGCTTTAAAGCACTGGAAGAGACGGTGTTGTTTGCGGGGCAGAAACAGGGCACGCATACCGCGCGCTTTGGTGAAATT$ GAGCAGCGTGGCGTTGACGCCGAAAGGGCGACAACTGTATGATCTTCTGCGTAACGCTGGAACCGGGCAGGA TAATCTCACTCACCAAATGCATTTACAGGAAACCTTCCGCACTTTTCCTGACAGTGAGTTTTTAATGCGTCAGCAAGGGT  ${\tt TGGCATGGTTCCGGTACCGTCTGACGCCTTCGGGTGAGGCGCATCGTCAGGCGATTCATCCTGGAGACGATCCACAGCCC}$ TTAATTGAACGTGGTTGGGTAGTGGCGCAACCCATCACCTATGAAGATTTCTTGCCCGTTAGCGCGGCGGGGATCTTCCA GTCAAATCTGGGTAATGAAACGCAGACACGCAGTCACGGTAATGCCAGTCGCGAAGCATTTGAGCAGGCGTTGGGTTGTC  ${\tt CGGTTTTGGATGAGTTCCAGCTTTACCAGGAAGCGGAAGAACGCAGTAAACGTCGCTGTGGTTTGCTTTAAAATCTGACC}$ CTGAAAACGACCAGCGCGGGACCATTCACAACACCAGAAGGACTCACTTTCAGGTATGGATCGTAGACGATTTATTAAAG GATATTGCCGACGGCCAAACCCAGCGTTTTGACTTCTCCATTCTACAGTCAATGGCGCACGACTTAGCGCAAACAGCGTG GCGTGGTGCGCCTCGTTCCGTTACCTGACACGCTGGCGACAATGACGCCGCAGGCTTATAACAGTATTCAATACGACGCCG AAAAATCGCTCTGGCATAACGTTGAGAACCGTCAACTGGACGCTCAGTTCTTCCATATGGGAATGGGATTCCGTCGCCGC GTTCGTATGTTTCTGTAGATCCAGCAACACATCTGGCGCGTGAAATTCACTTTCGCCCGGAGTTGTTCAAATACAACGA TGCAGGTGTTGATACAAAACAATTAGAAGGGCAAAGCGATCTCGGCTTTTGCCGGTTTTTCGCGTGTTTAAAGCCCCCGAAC TGGCGCGCGTGATGTAGTATCATTTCTCGGCGCGAGTTATTTCCGCGCCGTTGATGATACATATCAATACGGTTTGTCG GCCCGCGGCCTGGCGATCGACACTTACACCGACAGTAAAGAAGAGTTCCCCGACTTTACCGCCTTCTGGTTTGATACGGT AAAACCGGGGGCAACTACCTTTACCGTTTATGCGTTGCTCGATAGCGCCAGCATTACTGGTGCCTATAAGTTCACTATCC ATTGTGAGAAAAGTCAGGTGATTATGGATGTGGAAAATCACCTGTATGCGCGCAAAGACATTAAACAGCTGGGCATTGCG  ${\tt TCGTCTGTCCATGTGGCGGGGCAACGGCGAGTGGATTTGCCGTCCGCTGAATAATCCGCAAAAATTGCAGTTCAATGCTT}$ ACACCGACAACCACCGAAAGGGTTTGGTTTATTGCAACTGGATCGTGACTTCTCCCATTATCAGGACATTATGGGCTGG TATAACAAACGCCCAAGTCTGTGGGTGGAACCGCGTAACAAGTGGGGTAAGGGCACCATCGGCCTGATGGAAATCCCAAC AACGGGCGAAACGCTGGATAACATTGTCTGCTTCTGGCAGCCAGAAAAAGCTGTAAAAGCAGGTGATGAGTTTGCATTCC AGTATCGTCTGTACTGGAGTGCGCAACCGCCTGTTCATTGCCCATTAGCGCGCGTTATGGCGACGCGTACCGGCATGGGC GGTTTCTCGGAAGGTTGGGCGCCAGGTGAACACTATCCCGAAAAATGGGCGCGTCGTTTTGCCGTCGATTTCGTTGGTGG TGATCTGAAAGCTGCCGCCCAAAAGGCATTGAGCCGGTGATTACGCTTTCCAGTGGGGAAGCGAAGCAAATCGAAATTC TCTATATTGAACCCATCGATGGTTATCGTATTCAGTTTGACTGGTATCCGACTTCGGACTCCACTGATCCGGTCGATATG GATCCCGCTCGCATTTTTCCCTAAGTTAAATGAGTAATCTGATGGTGTGTATTTCAGATACACCTTGTCAGCCACTAACA GGGAGTGCGTATGTTTCCAGAATACCGAGATTTAATATCCCGTCTGAAAAACGAAAATCCTCGCTTTATGTCCTTGTTCG ATGAAAAACAAAGCTACAGTTAAAAGATGAGATGCTCAAAATCCTGCAGCAGGAGAGCGTCAAAGAGGTGTAAACTTT  $\tt CCTAAGCCGCCAGCCAGCCGGCTTTTTTAACAACTGCATGGATTGACTGGAGATAAGATGACTGAAACGATAAAAGTAAG$  ${\tt CGAATCACTTGAATTACATGCTGTTGCAGAAAATCACGTCAAACCTCTTTATCAGTTAAATCTGTAAAAATAAAACCTGGT}$ TACAGCAGTCGCTAAACTGGCCGCAGTTTGTTCAAAGTGAAGAGGACACGCGAAAAACGGTGCAGGGTAATGTGATGTTG CATCAACGCGGCTATGCCAAAATGTTCATGATTTTCAAAGAAGATGAACTTATCGGCGTTATCTCGTTTAATCGTATTGA AGGCATTGATTCATCATTACGCCCAGTCTGGTGAACTTAGACGCTTCGTGATCAAATGTCGGGTGGACAATCCGCAAAGCAACCAGGTCGCTTTGCGCAATGGTTTTATCCTTGAAGGTTGCCTGAAACAGGCTGAGTTCCTGAATGATGCCTATGATGA TGTGAACTTATACGCGCGTATTATCGATTCACAATAACCCTGCCAGCGGCGTTCGCCGTAATGCGCTCCTCGCCGTTAATG  ${\tt ACTTTTGGACCACGGACATGAACCGTGTCGCCATCAAAGGCTTCAACGACGGCGTGGTCGGTTAACTCCACATGGTTTTC}$ AATTATCACCGCACCTGTAATACGGCTCTCACCTTGTATGACAACGTGCTCGTCGAGCAGAATCGGTCCGCCACGTACCA TAATGAATCGTCGGAATGGCATCTTCTTCTATGCCAGCTTTCACCTGCGCGTGACCGTAGACTTTAGCGCAATCGCATAG  $\tt CCAGACATTGTTCTCATTACCTTCAATACTGGCAAAATCAAAAACTTCGGCGCGATGTTCAATAAAAGCATACCGGA$ AGTTGATGGTCGGGCGTTAAGCCTTGTGCGGCGACGATCATAGAATGTTGATCAATTAAGGCGTGACCAAATATTCTACA TTGCCCGTAAACTAATGAGTCATGAATGGTGACGCTGTCACTTATATATGCACCCTGGCTGATTTCACTATTATCGATCC AGACGTTATCCGTTGCGTAAACCTCTCCCCACAGCACGCTGGTGCCGGTGATACGCGTATTACCGGAAATCACCGCTCCG GTAGCAAATTCTGCGGCTCTGGCTATGCTCGAGAAAATTCCATAAAATGCATTTCAAATATATTATAAATTAAACAAA ATGAGTAAGAAGATGCAGAGCGATAAAGTGCTCAATTTGCCGGCAGGCTACTTTGGTATTGTGTTGGGGACGATAGGGAT TCATCTGGGGATTATTGACTAGCGCATTTATTGCCCGACTCATACGCTTTCCGCATAGCGTGCTGGCGGAAGTTCGCCAT GATCTCACCCTGAAGAAGCTACCACGCCTGGACTGTATCTGCCGACAGTTGCCAACAACTTTATCAGCGCAATGGCCTGT GGTGCGTTGGGCTACACCGACGCCGGTCTGGTGTTTTTTAGGCGCCAGGCGTTTTCTCATGGCTAAGCCTTGAACCGGTGAT TGGCTTGTAGTGCCTGGCTGAGCGTCAACGGCGGCGAGGGTGACACGCTGGCGAAAATGCTTTTCGGTTATGGACTGCTG  ${\tt CAACTGCTGTTTATGCTACGTCTGATGCCATGGTATCTCTCCCAGCCATTTAATGCTTCATTCTGGAGTTTCTCGTTCGG}$ TGTTTATCTTTACCAATTTTATTATTGCAATACTGCTCATCCGTACTTTTGCGCTTCTGATGCAGGGAAAATTGTTAGTC AGAACCGAGCGCGCCTTTTAATGAAAGCAGAGGACAAAGAATGATCATTCGTGACGAAAACTATTTTACTGATAAATAT GAATTAACCCGCACACTCTGAAGTACTGGAAGCGGTGAAAGTGGTTAAACCGGGTAAAACGCTGGATCTGGGCTGTGG ACGTCGAGCGCATTAAATCCATTGAAAATCTGGATAATTTACACACCCGAGTCGTTGATCTGAATAACCTCACATTTGAT AGACAGTACGATTTTATTCTTTCGACTGTGGTGCTGATGTTCCTTGAGGCTAAAACCATCCCCGGGTTGATTGCCAATAT GCAACGTTGCACTAAACCTGGTGGTTACAACCTGATTGTGGCGGCGATGGATACCGCTGATTATCCATGTACCGTCGGCT TCCCGTTTGCCTTCAAAGAGGGAGAATTACGTCGATATTACGAAGGCTGGGAGAGGGTGAAATACAATGAAGACGTCGGC GAGCTGCACCGCACCGACGCCAACGGTAATCGTATTAAACTGCGTTTCGCCACGATGCTGGCACGTAAAAAAATGACCCGG TAAGCACAAAACGCGTGAAAATTCCCCACGCTGAGATGATTTACTGTTCTTCTTTTTCGGTAAGCATATTTTTTATCGAAG GGATGTGAAATTAATCACAGTAGTCGAAGTTTTTAGCAGCTTAACTTACTGAAATTTAAGTACTGATGATTGACTTAGCC AGCGGCGCTTTTTGCTATAACTTAGAAAGTAATATAATCATCTCAGGAAACTATTCATGCGTACCACATCATTTGCGAAA AAACAATTACTCTGATTTAAAAGAAACAACCTCGGCTACAGGTAAACCTGTTTTACGTTGGGTAGACCCGAGTTTTGATC AAAGCAAATATGACAGCATCGTCTGGAACCCAATCACTTATTATCCGGTACCGAAACCGTCGACCCAGGTAGGGCAGAAA GTTCTGGATAAAATTTTGAACTATACCAACACCGAAATGAAAGAAGCGATAGCGCAGCGTAAACCACTGGTTACCACCGC  ${\tt TGGGCCGCGTAGTCTGATTTTCCGTGGGGCCATTACCGGTGTAGATACCAGCAAAGAAGGGCTGCAATTCTATGAAGTGG}$ TTCCTGTTGCATTAGTGGTTGCGGGGACGCAAATGGCTACAGGCCACCGTACCATGGATACTCGCCTCTATTTTGAAGGT TACGCCAATGGCTTTCGAAAATATTAAACAAGTTATTGATGACATGCCACCATGCCACCATGTTTGACGAAAA AGTAGTTCCAGACGCCCATCGTTAGATGGCGCTTTTTATCCGGTGCGCCGTAAAACCCCATCCTTCAGGGCGGGGATAT GCTACTGGCAAAATAGCCAGGACTCCACAAAACGCCTTTGTAGTAATACCTGAATGCAATATCTGGTCGATCTCGTCGCA TTCTGTCGCGTCATGGTCAAAAATCTGGCGTCGGTATCTGGTGACAAAGAGCAGGTGAACATGCATCAGGAAAACACAAT GCCTTCCACGCCGGATATCGGTTTCTTTTTCACAGACCAAAGTATCATTTGACCTGTGAAACGATTACAGGCATTTAAA TTCCAGTTAAGACCCGGTGGTCAACAGGAGTGTGAAATGAGGCGCTTCGCAGGCGCATGTCGTTTCCGTTTTCAATCGTGC GGAAAAATGCCACTGAAACGCAATGGCTTAAAGATTCTCCCTCACAGCCATTGCAACAGTCACTGAAAGACCTTGAGCGG GCTTACAAAAACTTCTTCCGGAAGCGGCTGCTTTTCCCCGATTCAAAAAGCGGGGACAGAATGATGCATTCCGCTACCC  ${\tt GCAGGGCGTTAAGCTCGATCAGGAAAACAGCCGTATTTTTCTGCCGAAACTGGGCTGGATGCGCTACCGGAACAGCCGTC}$ GTATCAACTCCGGTTCACCCTTCAGCATCAATGGTCGGGCTGGATGCTGGCGTGGCTAAACTCGCCACGCTGTCAGATGG CACAGTCTTTGAGCCTGTAAACAGTTTTCAGAAAAACCAGAAGAAGCTGGCGAGACTTCAGCGACAGTTAAGCCGCAAGG TCAAATTCAGCAACAACTGGCAAAAGCAGAAACGCAAAATACAGCGACTGCATTCCTGTATCGCAAATATCCGCAGGGAC TACCTTCACAAAGTCACAACGGCCGTCAGCAAAAACCACGCAATGATAGTCATTGAGGATTTGAAGGTCAGCAACATGTC TATACAAGCCAGCGTTGCGCGTACTGTGGTCATACAGCGAAAGAGAACCGCCTGTCACAAAGTAAATTCAGATGCCAGGT ATGTGGATATACAGCGAACGCCGATGTAAATGGCGCTCGCAACATTTTAGCGGCGGGGCACGCCGTTCTTGCCTGTGGAG AGATGGTGCAGTCAGGCCGCCGTTGAAGCAGGAACCCACCGAAATGATTCAGGCGACAGCCTGAACGTAGCAGGGATCC ACGTCCTTCAGGGCGTGGAGGATGTCAATATCGGTTTCTGTCAGCGATTAAATTCAACACCACGTAACAAACGCCTCCGG CAATTAATCCCCAAAACGCAGAACCAATCCCGACCAGCGTCAATCCACTTGCCGTTACCAGAAATGCCACCACCGCCGCG TCTCGCTCACGCTCATTATGCAGCGCCTGATACAAACTGCCGCCGATGGTACTTAACAGCGCCAGACCTGCCAGCATCTG GATCCAACTTACGGGCAGGCAGCCATCATCCCGGTAATGGCACTACCAAACAGACCTGCGAGCAAATAGAAAATGCCTG ATACCGACGGAATAAACGCCGAAAGGGGAAAAAACCAGTGCCAGCAATCCAGTAAATACAATTAATGGCGAAACAGGAGC CGAATATCCAGCTGCTTTCATTGCTGCGATACCCGGTGCGTTTTTGCGATGCCATCGTCACCAGAAAAAGGGGGGAGTGCAA  ${\tt CGCTCAGGCTGTGAGCAAACGAAAAATCAGGGGTAATATAAGTGGGGAGAACGGGTTTAAAGACAACATCAGTTGTGACA}$ TGCCAGCCATACCAGCAACATACTTCCACACACGTAAATTGACCGTCCAGACTGGCAAACGCCTGTAAACCAAAGCGTA ATAAAATCCCGGCAAGCATTGCCGCCGCAAGCGAGTGCGGAATAATGCGCATCAGACGAGCAAAGAGTCCCGTTATGCCG  ${\tt TTGCCAGCCCCAGCGCCGTCATCCAGCCAGAGATTTGTGCAGTGGTGGCTCCGGCGACAATCGCTGCTTGCCAGATTATT}$ AGTCACCTCGTGCGTTATAGCGTACAGGCACCGTAGCATTTGTCCGTTATAACGCACAAGTGATAAACTTCCGTTTTGCC GGAGGAGTCGCATGGAAAATCTCGCTCGCTTTTTATCCACCACACTTAAACAACTACGCCAGCAGCGCGGCTGGAGTCTT  TTTATGATCCACACAGCAGGCGATGGTGATCACTTCGCTGTTTCCTTATGATCCACAACTCTGCTTTGAACACTTCTCG ATTCAGATGGCATCTGGTGCAATAAGCGAATCGACGCCCCATGAGAAGGGGGGTAATCGAACATGTCGTCGTCATTGATGG  $A {\tt CAACTTGATCTGTGCGTTGATGGGGAATGGCAGACCCTTAATTGTGGGGAAGGCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGAAGGCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGAAGGCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGAAGGCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGTGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGTGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCTTAATTGTGTGGGGAAGGCCGTTCGATTTGCTGCAGACGTCACGCCGTCACGCCGTCACGCTCACGCTAATTGTAATTGTGTGGGGAAGGCCGTTCAATTGTAATTGTGTGGGGAAGGCCGTTCAATTGTAATTGTGTGCTGAATTGTAATT$ ATATCTATCGTAATGGTGGGGAGCAAACCGTACATTTCATTCCCTCATCCATTACCCGCGCAGTTAAGCGGGAAAACTA TTTCGCAACGTCGCGCTTGTGGCTAAAATAGCCGCCATTTTTCAGCTACTGGATAAGAATGTGACCGTATCTTCTCATCG ACTTGAACTGTTAAGCCCGGCACGCGATGCCGCCATTGCCCGCGAAGCTATTTTGCACGGTGCCGATGCTGTTTATATCG GCGGCCCTGGTTTTGGTGCCCGTCATAATGCCAGTAATAGCTTGAAAGATATTGCCGAGCTGGTGCCGTTTGCCCATCGT TATGGTGCAAAAATTTTCGTCACGCTTAACACCATTTTGCATGATGATGAGCTGGAACCCGCGCAACGGCTGATTACTGA  ${\tt CCTCTACCAGACCGGTGTCGATGCGCTGATTGTTCAGGATATGGGGGATTCTGGAACTTGATATTCCGCCGATTGAACTGC}$ GATAACGATCAGACTGCCAACCTCGGCGCGCTGATTGATGCTGGTGTACGCTCCTTCAAGATTGAAGGGCGTTACAAAGA TATGAGCTACGTGAAGAATATCACCGCCCATTATCGCCAGATGCTTGATGCCATTATTGAAGAACGTGGCGATCTGGCGC  $\tt GCGCTTCATCAGGTCGTACTGAACATTTCTTTGTTCCATCGACGGAAAAGACTTTCCACCGTGGTAGCACAGATTATTTT$ GTGAATGCCCGTAAAGGCGATATTGGCGCGTTCGATTCGCCGAAATTTATCGGCCTGCCGGTAGGCGAAGTAGTGAAAGT GGCGAAAGATCATCTCGATGTTGCCGTTACCGAGCCACTGGCAAATGGCCGATGGCCTGAACGTGTTGATTAAACGTGAAG TTGCACAAAATTCGTCCACATCACCCACTAAACCGTAATCTTGATCATAACTGGCAGCAGGCACTGACAAAAACCTCCAG CGAACGTCGGGTGGCGGTAGACATTGAACTGGGCGGCTGGCAGGAACAACTGATTCTGACCCTCACCAGTGAAGAGGGTG TCAGCATCACGCATACGCTGGACGGCGAGTTCGACGAAGCCAATAACGCCGAAAAAGCAATGAACAATCTGAAGGATGGT TCTGTTAAACCAGTTCCGCCGTGAAGCTGCTGACATGCTGGATGCTGCGCGTCTTGCCAGTTACCAGCGCGGCAGCCGTA AACCGGTTGCTGATCCTGCGCCGGTTTATCCGCAAACGCATCTGAGTTTCCTCGCGAACGTATACAACCAGAAAGCGCGT GAATTTTATCATCGCTATGGTGTGCAGCTGATTGACGCGGCGTATGAAGCACATGAAGAGAAGGGCGAAGTCCCGGTGAT GATCACCAAGCATTGTCTGCGCTTTGCCTTTAATCTGTGCCCGAAACAGGCGAAAGGCAATATCAAAAGCTGGAAGGCGA AAAATCAAAAATCACATACTGAAAATGCCGTTACCGGGAAGCGTAGTGGCATCCGTAAGTCCGGATGAGCTGCTGAAAAC TAAGGCGTTACGCCGCATCCGGCATCAAATGACTCAACGTTGTCCCGCTTCTGGTTTGCCGGATTTTTGCCAGTAAAAAT GCTCGCGCAAACCTTCCGCCGACTCTTCCGCCACAGCACGCAATTCATCGCTGTCCGCTTCATGACGCAGCTGATGATCC ACATTCTTTACCCACACAAATTCATGTCCTTTGTGCCCTGCCATGAGTTGTCCTGAAAACAGAGCACACGTTAATAAGAC AACCGATAACGCCTTCGTAAACATCCTGCCACCTTTTTCTTACCTTTTGCCGCTATGATGCCGATCGTTTCTTGAGGTTA ATTTAGTGCTATTTTCGAGCAAATTACACACGGAGGTAAACACTAATGTTTACTTTGTTGATATACTCAGCGGCAGGGAG GCGATGTGAAACAAGCGAGTTCAGACGTTGGCTCGAATCTCAGGGCGTCGATGTAGCGAATGGCAGCAACCATTTGAAA  $\tt CTCAGGTTTCATGGGAGGCGCAGTGTCATGCCGCGTCACCCCTGCGATGAGATTAAAGAACCATTGCGTAAAGCAATCCT$ GAAACAACTCGGTTTGAGTTAATCGCCAATTAAAAAGGTTAATGACATGCGAGAGACAGTCGAAATTATGCGTTATCCCG TCACTCTTACACCCGCGCGGAAGGCGGTTATATGGTTTCTTTTGTGGATATCCCTGAAGCGTTGACCCAGGGCGAAACT TTTACCTTCGCCATTAAATAGTCACGATCACTTTATTGAAGTACCTTTGAGCGTCGCCTCTAAGGTATTGCTGTTAAATG  $\tt CTTTTTTACAGTCAGAAATCACTCAGCAAGAGTTAGCCAGGCGAATTGGCAAACCTAAACAGGAGATTACTCGCCTATTT$ AACTTGCATCATGCGACAAAAATCGACGCCGTCCAGCTCGCGGCAAAGGCGCTTGGCAAAGAGTTATCGCTGGTGATGGT TTAATTACAGTTAACGAAAAGTTGTCATTTTTAACAACTGATATAGACTGCCGAATCATCTGCACATAATTACGATTCGA TAATGAAAAAATACCAGCAGCTTGCAGAACAATTACGCGAGCAGATTGCGTCGGGTATCTGGCAACCCGGCGATCGTTTG  GGGATATATTATCGCACGACCGCAGTCGGGTTATTACGTTGCGCCACAGGCAATAAAAATGCCGAAAGCGCCAGTCATTC  $\tt CGCCACAGCGATGAGCGTGATTGAAAACTTACCGCCAGGAAACGCAGAACTGCGTCAGGCTATTGCTCGTCGCTATGCTATGCTAT$ TACAGGGCATCACCATTTCTCCTGATGAAATTGTCATTACTGCCGGGGCGTTAGAGGCATTAAACCTCAGTTTGCAAGCG GTAACTGAACCGGGCGATTGGGTGATAGTAGAGAATCCTTGTTTCTACGGTGCGTTGCAGGCGCTGGAGCGGCTACGGCT GAAGGCGTTATCGGTGGCGACGGATGTTAAAGAAGGGATAGATCTTCAGGCGCTGGAACTGGCGTTGCAGGAGTATCCGG GCGTTGCTCAATCAGTACACGTAACGCTGATTGAAGATGACGTTTACAGCGAACTTTATTTTGGACGGGAAAAACCGCT GCCTGCGAAAGCGTGGGATCGCCACGATGGCGTTTTGCATTGCTCTTTCGTTTTCGAAATGTCTGGTGCCTGGTTTTCGTA TTGGTTGGGTCGCCGCGGAAAACATGCACGTAAAATTCAACGCTTGCAGTTGATGAGTACGCTTTCCACCAGCTCACCG TTCTCTGGTTGGAGCTCCCCGAGCCGTTAGATGCCGGCGAATTAAGCCTGGCGCACTGACGCATCATATCAGTATTGCG AGAACAGGCGGTAAAACAATTAGGCAAACTTATTCAAGAACGGCTGTAATAGCGTTTAATTTAATTCCTCTTAGATTGGG TAATATGAATTTCGAATAGCAGTCATATTTCCTAACTCCTTGACTATACTCCAGAAGATAACCTTACAGACGGCATAATG  $\tt CGCGGTAGCTCACAACCTGAATAAATTTTCTCAGGGGCGAAGGTGTGCCTGCAAGCCGCCGTCTATGGTTAAACAAGGAG$ ATATTTTTACGGCACGGCGGCTGAACAATTAATTACGACAGGAGTAAGACCTTATGAGCAAGACATTTGCCCGCAGCAGC  $\tt CTGTGTGCGCTCAGCATGACAATAATGACCGCTCACGCCGCCGAACCGCCTACCAATTTAGATAAACCGGAAGGGCGACT$ GGATATTATCGCCTGGCCGGGATACATCGAACGCGGACAAACTGATAAACAATACGACTGGGTAACGCAGTTCGAAAAAG AGACAGGCTGCGCGGTGAATGTGAAAACCGCCGCGCACTTCCGATGAAATGGTCAGTCTGATGACCAAAGGGGGTTACGAT  ${\tt CTGGTTACGGCATCCGGCGATGCCTTCGCTTTGATTATGGGTAAACGCGTGCAGCCGATTAATACCGCATTGATTCC}$ GTTCGTTAAAGCCACTCAGCCGCAGTTGGGCATCAGCGATCCGTATCAACTCACCGAAGAACAGTACCAGGCGGTGCTGA AAGTGCTGCGCGCTCAACACAGTTTGATCCATCGCTACTGGCATGACACTACCGTGCAAATGAGCGATTTCAAAAACGAG GGTGTGGTTGCTTCCAGTGCCTGGCCCTATCAGGCCAACGCCCTGAAAGCCGAAGGCCAGCCTGTTGCTACCGTTTTCCC GAAGGAGGGTGTTACCGGTTGGGCTGATACCACCATGCTGCATAGCGAAGCGAAACATCCGGTTTGCGCCTACAAATGGA TGAACTGGTCATTAACGCCAAAAGTGCAGGGCGATGTGGCGGCCTGGTTTGGCTCGTTACCGGTAGTGCCGGAAGGGTGT AAAGCCAGTCCGTTATTAGGCGAAAAAGGTTGTGAAACCAACGGTTTTAACTATTTCGACAAAATCGCCTTCTGGAAAAC GCCTATAGCAGAAGGGGGCAAGTTTGTTCCCTACAGTCGCTGGACGCAGGATTACATTGCCATTATGGGCGGTCGCTAAC TTCGCTGGGGTGCTTTATGACGTACGCAGTGGAGTTTGACAACGTCTCGCGGTTGTACGGTGACGTGCGCGCAGTAGATG CTGATTGCTGGCTTCGAACAGCTTTCCGGCGGGGCTATCTCTATCTTTGGTAAACCCGCCAGCAATCTGCCACCGTGGGA GCGGGACGTGAATACTGTCTTTCAGGACTACGCGCTATTTCCGCATATGTCGATTCTTGACAATGTCGCCTATGGGCTGA  ${\tt TGGTCAAAGGCGTGAATAAAAAGCAGCGGCACGCAATGGCGCAAGAGGGCGCTGGAGAAAGTGGCGTTGGGGTTTGTACAT}$ ATTGCTGTTGGATGAACCGCTCGGCGCACTGGATCTCAAATTGCGTGAGCAGATGCAGCTGGAACTGAAAAAACTGCAAC AGTCTCTCGGTATCACTTTTATCTTCGTTACCCACGATCAGGGCGAAGCGTTATCGATGTCCGATCGTGTGGCGGTTTTC  ${\tt AATAATGGACCCATTGAGCAGTCGATTCCCCGCGCGATCTCTATATGCGCCCGCGCACGCCGTTTGTTGCCGGGTTCGT}$ TGGTACATCGAATGTTTTTGATGGACTGATGGCAGAGAACTTTGTGGCATGACGGGAAGCTTCGCCCTGCGACCGGAAC ATATCCGCCTCAACACCCCTGGTGAACTGCAGGCCAATGGCACGATCCAGGCGGTGCAATATCAGGGCGCGGCAACTCGT ATGTATTGCAATCACCTTCACGTCCAGGTCTGGGTAAGGTGTCCGGTTTCTTCTGGCATAATCCGGGGCTGGGGCTGTTTTTACTGCTGCTTGGCCCGCTAATGTGGTTTGGCATTGTCTATTTCGGCTCGCTGCTGACACTGTTATGGCAGGGATTTTA TACTTTTGACGATTTCACCATGTCGGTAACGCCGGAACTGACGCTGGCGAATATCCGTGCGCTGTTTAATCCGGCGAATT TATATGGCGCGCTATACCAGCGGGAAAATGAAAGCGTTTTTTTATATTGCGGTAATGTTGCCGATGTGGGCGAGCTACAT TGTTAAAGCCTATGCCTGGACGTTATTGCTGGCAAAAGATGGCGTGGCTCAGTGGTTTTTACAACATCTTGGGCTGGAAC TTTCTCTATATCTGGTTGCCGTTCATGATCCTGCCCGTTCAGGCGGCGCTTGAGCGTTTGCCGCCGTCATTGTTGCAGGC GTCGGCTGATCTCGGCGCACGTCCACGACAAACCTTTCGCTATGTGGTGCTGCCGCTGGCAATCCCGGGTATTGCCGCTG AATATGGTTTATTCCCAGCAGGGGGCGATTGGCAATATGCCGATGGCGGCGCGCATTCACCCTGGTGCCGATTATTCTCAT GCCTGGGGCGCGTTGTTTTCCTACATTTTCCCATCCTGATAATCGCCGCCTATGCGTTTAACACTGAAGATGCGGCGTT TAGTTTTCCACCGCAGGGCCTGACGCTGCGTTGGTTTAGCGTGGCACCACAGCGTAGTGATATTCTTGATGCCGTGACAC TGTCACTTAAAGTGGCGGCGCTGGCGACATTAATTGCGCTGGTGTTAGGGACGCTGGCAGCTGCCGCGCTGTGGCGACGA GACTTTTTCGGCAAAAACGCCATTTCGCTGTTACTGCTGCTGCCCATTGCGCTGCCGGGCATTGTCACTGGTCTGGCGTT TGGTGTTTAACAATGTCATCGCCCGTTTTCGCCGCACCTCCTGGAGTCTGGTTGAGGCGTCAATGGATCTTGGGGCCAAT  $\tt GGCTGGCAAACCTTCCGCTACGTGTTGCCGAATCTCAGTTCGGCGTTACTGGCAGGAGGAATGCTGGCGTTTGCCTT$ GGCGACCGCGTGATGTACCGGTAACTAACGTGGTGGCACTGCTGGTTATGTTGGTAACAACCTTGCCGATCCTGGGGGCC  ${\tt TGGTGGCTAACCCGCGAAGGCGACAATGGTCAATAACCACTGATACAGGAATATGCTATGCAACATAAGTTACTGATTAA$ AGGCATCCGCAGAGCAGGTCGATGCTGCTGTGCGCGCGGCAGATGCAGCATTTGCCGAATGGGGGCAAACCACGCCGAAA GTGCGTGCGGAATGTCTGCTGAAACTGGCTGATGTTATCGAAGAAAATGGTCAGGTTTTTTGCCGAACTGGAGTCCCGTAA TTGTGGCAAACCGCTGCATAGTGCGTTCAATGATGAAATCCCGGCGATTGTCGATGTTTTTCGCTTTTTTCGCGGGTGCGG GTGGCTTCTATCGCACCGTGGAATTATCCGCTGATGATGGCCGCGTGGAAACTTGCTCCGGCGCTGGCGGCAGGGAACTG ATGCTGGACAGGATTGTACTGCGGCTTGTCGGATCTACGCGCAAAAAGGCATTTACGATACGCTGGTGGAAAAACTGGGT GCTGCGGTGGCAACGTTAAAATCTGGTGCGCCAGATGACGAGTCTACGGAGCTTGGACCTTTAAGCTCGCTGGCGCATCT GTAATGGCTATTACTATGCGCCGACGCTGCTGGCGCGCATTACAGGACGATGCCATCGTGCAAAAAAGAGGTATTTGGT  $\tt CCAGTAGTGAGTGTTACGCCCTTCGACAACGAAGAACAGGTGGTGAACTGGGCGAATGACAGCCAGTACGGACTTGCATC$ TTCGGTATGGACGAAAGATGTGGGCAGGGCGCATCGCGTCAGCGCACGGCTGCAATATGGTTGTACCTGGGTCAATACCC ATTTCATGCTGGTAAGTGAAATGCCGCACGGTGGGCAGAAACTTTCTGGTTACGGCAAGGATATGTCACTTTATGGGCTG GAGGATTACACCGTCGTCCGCCACGTCATGGTTAAACATTAAGGATAATATTGCAGATCGTAAGAGTATGAGATGATCTT GCGTACTGTCAGAGCACTGATTTCTCTGACAGTACGTGCTGCGTGCAAAATCACTACATCAAATAAACCAGCCAAATCTC CACCTTTTATCATTGCCCCTATGTGTATAGTACGGGTTAAGAAAATCCGCAATAATACTCATTCTGAAGATGGATAAGGG CAAGTTGCTGTTTGATGATTTTTTCTCAAACTGGTGAAAAAACTTGATGCACGTCAAAAAATGACGCATATTTGCGCGCG TTTTATTCATCTGGCTGGACGCCCGTACATGTCTCTCTATCAACACATGCTTGTTTTTTATGCGGTTATGGCAGCAATCG  $\tt CCGATGAGTTTCCCGGTGGCGCTGTTGTTTTCACTGTTTTAAATCTTACTCACTGGCTTGACGGCACCACGCAGACTTAT$ GATGCCGCGATTGAAGAGGGCGTCATTGCCCATATGAACGAATTATTAATCGCCCTGAGCGATGACGCGGAGTTAAGTCG GGAAGATCGCTACACCCAGCAGCAACGTCTGCGCACAGCGATCGCCCATCACGGTCGCAAGCATAAAGAAGATATGGAAG AAGTAAAATTGCGCCACAAATTGGGCCGAACAACGCCCGTAGTGGTACGCCATGACTGCGGAAGATATCCAGCATCAGAC CGCCAATCAGCTGACTGCGACCAGTACAGCAATAGTTGTCGCCGCTCCCACATTCTGATATCCGCTGATACTGGCGAAG ACAAAAACGATCCCAGCAAGCCAGGTATAAGTGTCCACCAGCGCACGCTGGACACCAGTTCGCCAAACCCCGCCATGCC TTGTTTAAACCATAAAATAGAAACAAAGAGCACAATCCCCACCAGTGAGTTCAGCAACATGGCGATGAGAATGGTAGAGG AGGTCTGGGTGATGCGCACCATCAGCGTGTTCTGGACAACCAGACCAATTCCGGCGGCAATCAAAAAAGCAAGGGTGAGC GACTGATTCATCCAATCGCGTCCGGTTCAGTGCGCTCGTCGAGTTGCAACTGCATAAATGTCAGATCCAGCCAACGACCA AATTTAGTGCCTACCTGCGGCATTTGCGCGGTGACGACAATCCCAGCGACTGGTGGAGATGCAGCGAGGCCTGATTTTG GACCTTTGCCCTGATGATCGGGATGGACATAAACCGAATGTTCCACGGTATGGCGAAAACCATCGAAACTACGCCAGTCG  $\tt CCAAACGAGGCATATCCCGTCACTACGCCGTTTTCCTCGCTCACCAGCACTGGATAACCTGCTAAAGTCCGCGCTTCAAAGTCA$  $\tt CCAGGCAATGCGGTTATCAGCATCCACCGTTTGGTCATTCCAGATAGCCGCCGTATACAACACGGCGTGGTTATAAATTT$ TCAATACTATCGAAAACAGCCCGAAGCAACGGATTCCTCGATGAAATTATTGCGTGTTTGCAGAGGGGATGTGACGGCTGC AAACAAAACCAATCCCGTGAGCCTGCTACTATTGATGGATTCATGCCAAAAGCACAGGAGAGCATTATGGGGCAACAAA GCAGCGTAATCGACGTTGGGTTCTGGCCTCGCGTCCACATGGCGCACCTGTTCCGGAGAATTTCCGTCTTGAAGAAGATG ATGTCGCCACACCGGGTGAAGGACAGGTGTTACTGCGCACAGTTTATTTGTCCCTGGACCCGTATATGCGTGGACGTATG AGCGATGAGCCATCTTATTCACCGCCTGTTGATATTGGCGGCGTGATGGTCGGCGGTACGGTGAGCCGTGTCGTGGAGTC GAATCATCCTGATTATCAGTCTGGCGACTGGGTGCTGGGCTACAGTGGATGGCAAGACTATGACATATCCAGTGGTGATG ATCTGGTGAAACTTGGCGATCATCCGCAAAATCCATCGTGGTCGCTGGGTGTGCTAGGGATGCCAGGCTTTACCGCTTAT GGTGGGGCAAATCGGCAAACTTAAAGGTTGCAGAGTGGTGGGGGTAGCCGGTGGCGCGGAAAAATGCCGCCATGCTACCG AGGTGTTAGGCTTCGATGTTTGTCTTGATCACCACGCGGATGATTTTGCCGAACAACTGGCGAAAAGCGTGCCCAAAAGGT ATTGATATCTATTATGAAAACGTGGGCGGTAAGGTATTCGATGCGGTGCTACCGTTACTTAATACATCTGCGCGCATTCC CGTCTGCGGATTAGTGAGCAGCTATAACGCTACAGAGCTACCACCCGGTCCGGATCGTTTACCTCTGTTGATGGCTACAG TGCTGAAAAAACGTATTCGCTTGCAAGGTTTTATTATCGCTCAGGATTATGGTCACCGCATCCATGAGTTTCAGAGGGAG ATGGGGCAATGGGTGAAAGAGGATAAAATCCACTACCGCGAAGAATTACTGACGGTTTAGAGAATGCGCCACAGACGTT TATCGGCCTGCTGAAGGGTAAAAACTTCGGCAAAGTGGTGATCCGCGTGGCGGTGATGATTAAAGTTTCAACGGCGGCG  $\tt AAAACACGCGAAGGAATTAAAATGCCTGGAACGGGAAAAATGAAACATGTCAGTTTGACTCTGCAGGTTGAGAACGACCT$ GAAACATCAGCTTAGTATTGGCGCATTAAAACCTGGCGCACGCCTGATTACTAAAAATCTGGCGGAGCAATTAGGTATGA GTATTACACCTGTGCGTGAAGCATTATTACGTCTGGTTTCGGTGAATGCGCTTTCTGTCGCACCTGCACAAGCATTTACA TGTTGAAAACCTCACCCGCAAGACCTTGCGGAACTCCAGGAATTGCTCGAGAAATTACAGCAGGCGCAAGAAAAGGGCG ACATGGAACAAATCATTAATGTAAACAGGCTATTTCGCTTAGCGATTTATCATCGCTCAAATATGCCCATCCTGTGTGAG ATGATTGAGCAACTGTGGGTCAGGATGGGGCCTGGTTTACATTATCTCTATGAAGCGATTAATCCAGCGGAATTACGGGA GCATATAGAAAACTATCATCTGTTACTCGCTGCGTTAAAAGCAAAAGACAAAGAGGGGATGCAGACATTGTCTTGCTGAAA TTATGCAACAAAATATTGCTATTTTATACCAGCAATACAATCGTTAAAGTAAATGCCCGGCAAATACCGGGCATCAAGGT AATTACTCAAAATCTCCACGCAATATTCATGCCGACACCATAATTTCGTCCGGGCGAAGGTTCGTAATATCGCCCGTTTGA GGTAATTGTATTTATACCCGGTGAATAAGCCGACGACGACGACGACGTATAAGACGGCGCTTTTGCCGTATTTTCATCATCTGCCATA ACGGGCGATCCCTGGCATCCGATTACCGTTACAATCCTGTTCATTGCAAACATTGCTGCGATAGGTCGCATCAAGCCAGG TCCAGGACGCGTTTACGCGAAAATCTCCTGCGAAACGTTGATCCCATGCCAGTTCAGCGCCTTGACGACGGGTCTTTCCG GCATTTTTGTAAGTCGTACGCCCACCGCTACTGCTATCGACAACAATTTCATCAGTGTCGGTCTGAAACAATGCGAG  GTTACCCGGAGTAACGTAATGGTCGTTGGAATCAAACCACACGGAGCTGTAGCGCACGCCAGCATCCAGCGACAGTTTTT  $\tt CGCTCAGCTGCCACTGCGTCTGTAAATAGGGATCGATGTTCCACATCAGATTGCGTTCGTCGCGACGCAACTCACCTTTT$ TGCCCGTACTCCGGCATGCCGCTATTCAGGCGGAAGTTATTGTAGCCCTTGCGGTTTTCACTCATGTTTTCGTAGTTCAG  $\tt GGGTAATCACGCCGCCGCATGTGACGGGTTAAGTTGTGGTGCCATGGGTATTGACTGGTACTGGGTCGTTTCTCGCTCT$  $\tt CCGGCATACATCATCACCCTCATATCATCCCGCGAACTCAGGCTACGCTCATAGCGCAACCCAGCCTGAGTTTGCTTGAT$ GGTTTTTCGCGTGTCGTACTGTTCTGCACGAGGCGCTTGTTGTGGATTAGCCTTCCATTCTGCTTTGGTTAGCCCACCTG GGTCATCTGCTTTGATATCCACACTATTGAAAATCAGACTTAATTTGCTGGCTTCATCAATGCGTACGCCCAGTTTGGCA TTGGCTAAATTTTTCTGTGCGCCACTATGGTCACGATAGCCGTGGGTCGTAAAACGCGTGGTTGAGACGGTGTAATCGAC ATCGCCAGGCTGTGCCCGTTCCCGTTGCGCCCGTTCCTTTCAGCCCATAGCGCCAGCTGCCAAAACTGCCGTAGTAAC GCAGAGAAGGGGCCACGCACCACTTCCACATTTTGCACACTGCTTAAATCGATGTTGGATGTTTGCCCTTGCCCGTCGGG ATGCGCGGTGTTGCCAGGCGCATCTCCTCGCCATCCACCACGCTTACTGCTGCTGGGGTATCCAGTTCTGAAACCACCTG  $\tt CGGTGCGGCACTGACAATCATAGTCTGTTCATCAGCGGCAAAAACAACGGGGGGAAAGGACAAGCAGTGCGGGCAAAACGG$ TCTGTCGGACGGAAAAATCTTCATGAAAAAAGCCAGGTTAAGAATGGGAAAACGCCGTCATGGTAATGAAATTGTAAAT TTATGGAAAATGAAACGGCACAATACGTTAAGTAATTGAGAAAATTGTAGTCGTAACGGCAAGAAATGCTCCACATTTGA GAAAATAATGATTACCATTCCCATTTATAACAAGAGCGTAACGATGATTACGCTTAGCGAAGCATTGTGAAGCAGCAAAA ATATCGGTTCATCAAAGGGAGTCGTCATGCATTTACGTCATCTGTTTTCATCGCGCCTGCGTGGTTCATTACTGTTAGGT AATGGCTTATAGCCAGCAAGAAAACGCGCTGTGGCTCGCCACTTCGCAAAGCCGCAAACTGGATAAAGGTGGCGTGGTTT ATCGTCTTGATCCGGTCACTCTGGAAGTGACGCAGGCGATCCATAACGATCTCAAGCCGTTTGGTGCCACCATCAATAAC  ${\tt ACGACTCAGACGTTGTGTTTGGTAACACCGTAAACAGCGCGGTCACGGCGATAGATGCCAAAACGGGCGAAGTGAAAGG}$ GCCATCCAGAACACCGGTAAAATGAGTACCGGTCTGGCGCTGGATAGCGAAGGCAAACGTCTTTACACCACTAACGCTGA CGGCGAATTGATTACCATCGACACCGCCGACAATAAAATCCTCAGCCGTAAAAAGCTGCTGGATGACGGCAAAGAGCACT TCTTTATCAACATTAGCCTTGATACCGCCAGGCAGCGTGCATTTATCACCGATTCTAAAGCCGCAGAAGTGTTAGTGGTC GATACCCGTAATGGCAATATTCTGGCGAAGGTTGCGGCACCGGAATCACTGGCTGTTGCTGTTTAACCCCGCGCGTAATGA AGCCTACGTAACGCATCGTCAGGCAGGTAAAGTCAGTGTGATTGACGCGAAAAGCTATAAAGTGGTGAAAACGTTCGATA CGCCGACTCATCCAAACAGCCTGGCGCTGTCTGCCGATGGCAAAACGCTGTATGTCAGTGTGAAACAAAAATCCACTAAA  $\tt CAGCAGGAAGCTACCCAGCCAGACGATGTGATTCGTATTGCGCTGTAATAGATATGGCGAGGGTGAAAACGGTGAGACTT$ GCCTGCCTTTTATCACGGCGTATCCGGCACTTTCGTCAGTAATCTGAATTTTGCCCGGCACGTAGCCGGGCAATTTTGCAA TTAACTCGCCGTTTCAGGCTTAAACACAATTTCCTGTTTTTCTTCATCTTCCTCGACGACTGGCGCAGTGCTGTGAATTT CAGCAACGCGTTTGCGCACACCAAACCAGCCTATAACCAGCAAAATACCGATAATCGGCAGCGCCGCGATAGTATAAGTC AGGCAGTTTAAAACTGACATCCGCTGCTTTGCCTTCTTTAATCGCTTTACGCAGGCGCATCTGGCACACGATGATAAACG  $\tt CCCATGAAGCGATGATTCCCAGCGACGCGAAGTTCAACACACATCTCAAATACGCGCGCACGGCACCAGATAGTTGAGGAAT$ CGGTCAGCACCACAATGTTCATAATGCTGCCGATATATGGCACACCCAGTTTAGAGAAAAACGTCACGAACGGACTTTGC  ${\tt CCCGCCTGATACGCGCTCCACGGCAATAACATAACCAGCAACACCACGGAGCCGACGTAAAACAGGCCAATACGCCAAAT}$ AAATGAAAGCCAGTGGTGTTGCCATCCAGCGGCTGACCACTACCGAGGAACACTGTACCCACGACCAAAAAGGTCACAAT GGCGAGCACTTTAATAAGCGCAAACCAGAACTCCATCTCCGCAAACCATTTCACACCGATCATATTCATGGTGCCAACGA

TGGTAAGTGCAGCGAGCGCAAAGACCCACTGCGGCACGCCGCCAAACGCACCCCAGTAATGCATATACAGAGCGACGGCG CTCACGGGCATAAGAAACAAAACTGCCACTGGAAGGGCGGTGTAGCACCAGCTCACCCAATGCACGCAGAATAAAAAAACG AAAACAAGCCACAAATTAAATAAACCAGTGCCAGTGCGGGCCCCGCCATTTGCAGTCGGGCTCCTGCACCTAAAAACAAG  $\tt CCGGTGCCAATCGCCCCCATGGCGATCATCTGCACCTGCCGATTGCCCATCGCTTTGTGATACCCCTCTTCGTGGGC$ ATTAAGCCAGCGGCGTTTCGCGGCGTGTTGATCTGAAGTGTCGGTGTCGTGTTTACTCATTGCTCTCCCTGATTGCTTTA ATGAAAAAGTCATATAAGTTGCCATGAACAATGTTTATTCATCCTGGCGATGATAGTTATCACCATTATTCTTTATGGGT ATAAAACTATCGGCGCAGCATCCTACCCGTTATCGATAAACGATGCAAAACATCCCCTTACAATCCTGAAGGGGATTAAT ACAACTGACGAAAAAATGACAAATCCTTTTGCTGGTTAACCTGTGTACTGTCCTACACTTAATCTTTAAAAGATTGTGAG GGGCATATGATTAAGGTGTATGGCGTACCCGGATGGGGCTCTACAATCAGTGAGCTGATGCTAACACTGGCTGATATTCC TTATCAGTTCGTTGATGTCAGTGGTTTTGACCACGAGGGAGCTTCACGCGAGTTATTGAAAACCCTGAACCCGTTGTGTC TCCAACATTCACTTTCGCCGATTACCCTGAGCGTTGGGCTCCTGACGCACCTGAACAGTTAAAGAAGAATGTTATTGAAT ATCGAAAATCGCTTTATATCTGGTTGAATTCGCAGCTCACTGCTGAACCTTATGCGTTTGGTGAGCAACTAACGCTGGTG GACTGTTATCTTTGCACTATGCGCACATGGGGGCCTGGGCATGAATGGTTTCAGGATAATGCCACGAATATCAGTGCGAT TGCTGATGCTGTATGTCAGTTACCGAAATTACAAGAAGTATTAAAAAGGAATGAAATTATTTGAGTGGGATACCAGAAGA TTATGTTATTATTCAGTAACTTTATCCACAATGATGGGCGTAATTAAATTAAATTCATGGTATGTTTTTTAATTTAT GTTGTTATCACAGGCATTCTATAATCTCAAAATGTTTTTAATGATGGTATGCTCGGAGTTGGAGATGCAATTAATATTA AATATGGAGAGCTTGATGAGTCAGAGCTAAAACAGCAATTGATTAATAAACATGTTGATTTATTCAAGAAAATGGATGTA TTTTAAATGTTGATTCTTAATATAACCTAATCAATAGATTATCAAGTGAGAGCTACACATTATTGGAGGGGCAGGGGAAA A CACCATTTTGGGAACAATGCATCAGGTACTCTTACCACTGAAGCAAGATCATCCGGCACCAGGTGGTGGTGCAGTGCTTTGGAAATGGTCCCCTCGGGGGAGTTGTCATTATTTTCTATGCTATTTGCTTATTATATTCATCAGGTGAATTTAATAAAAT TCCTAATTTGAAATATCCACTATTAAGCTAGTGTTTAACGACGTTAAGATGGCAATGTGCAGATCATGTTATCAGGGTGG GACATTATGAATATTGGTTTGACTTTGCATATCAGGTTTTTTATTACTCGCTGTAATGTACGAGCCTGTCGTGAATAACG TCGAGAACCCATCCGTTGCGTTTGTGATTATTTTGTTGACTAAACAGACACCCGTTTCTCTGAAGTAAAATCCCAGACTA AATCATCACATAACCATGACATTTTTCTGATATTCCCCGGTAACGCCAGATGTCGACTCGCTTAACCACCCTCAGCCATA AACCCGGAGACGGGGGAACTGCTGTGGCACCATGAGACCGGACATGCGTACAACGAACAGGGGCTGGCAAACCGCGTCAC GCCGGACAGTCTGCCGCCGGTGGAGTGGCTGACCTACGGCAGCGGCTATCTTGCGGGCATGAAGCTGGGCGGGACGCCGC TGCTGGAGTTCACGCGCGACCGCCTGCACCGTGAGACGGTGCGCAGCTTCGGCAGCATGGCAGCAGTAATGCCGCATAT AAACTGACCAGCACATACACCCCCGCAGGCCAGTTACAGAGCCAGCACCTGAACAGCCTGGTGTATGACCGTGACTACGG GTGGAATGACAACGGCGACCTGGTGCGCATCAGCGGCCCGCGACAGACGCGGGGAATACGGCTACAGCGCCACGGGCAGGC TGGAGAGTGTGCGCACCCTCGCACCAGACCTGGACATCCGCATCCCGTATGCCACCGGACCCGGCGGCCAACCGGCTGCCG GTCGCGTAAACCGGAGGTGACGTGGTATGGCTGGGACGGAGACAGGCTGACGACGGTGCAGACTGACACCACACGTATCC AGACGGTATACGAGCCGGGAAGCTTCACGCCGCTCATCCGGGTCGAGACAGAGAACGGCGAGCGGGAAAAAGCGCAGCGG GCTGGACAGGCTGGAGGAAGAAATCCGGGCAGACCGCGTGAGCAGTGAAAGCCGGGCGTGGCTTGCGCAGTGCGGGCTGA GGCCTGCCGCTGGCGCTCATCAGCGAAGACGGCAATACGGCGTGGCGCGGGGAGTATGATGAATGGGGCAACCAGCTTAA TGAGGAGAACCCGCATCACCTGCACCAGCCGTACCGTCTGCCAGGGCAGCAGCATGATGAGGAGTCGGGGCTGTACTATA TATCAGTATCCGTTGAATCCCATACAAGTGATAGACCCAATGGGGTTAGATGCGATTGAGAATATGACATCAGGTGGACT AATTTATGCCGTATCTGGTGTACCTGGATTGATTGCTGCAAACAGCATTACTAACAGTGCTTACCAGTTCGGTTATGATA TGGATGCTATTGTTGGCGGAGCTCATAATGGGGCCGCCGATGCAATGAGACATTGTTACTTGATGTGTCGAATGACTAAG AAGAATCATGGATCTTAAAAATAACACTGTCGGTATTGCTTGTGGCGATTTTTCTGCCAAATGTAGCGATGCATGTATTG AAAAATATAACACTGGGCAACTCTTCGGGTTAGATGGTATAAAAGCAGATAATCCAATAAAAGCAAAGCAAGGGAGTTCA GATGCTTCAAATTATTAGAGGCAAACTTGTCATTTTTTAATTACCCTTTGTTTATTTGTTGTTTACCTTGGGTTTGATA ACAATTCAAATTCTGACATCGTATTTTATGGACATAAAACACCAAAGAGCGTTGAGATATATCTTTCTGAAAAAAATATT ATTTATAAAATAATTAATGACCAAAAAATTAGTAGAGGGAATGGTCATTTTATAAGTATAATGGTTAATAATTACAGGAC GCACTGTGGAGTGGTTGATATAAATCTTAATTTTTTCAATGATATTCTTTATAGCGTGCGATTAAAAAACATTAGTAAAC TGGAGAATATGGAGTTCTGCGCTACAAAACAACGGGTGTATTTTAGTGATAAAAACAAGAAGGCTAGTTATAAAATAATT AATTATGGAGACTATTATGATGTTATTATTATTATGATAACAATTTGAAAAATGAAGTTTTTTGACTGGATTGGTAAATGGTC CATGAAAATTGTGATGTAAATCACGATTTTCATCTTTGCTTTAACGCCTACAGGTGATCAAAATTTAACCTTTGGAATAA CTAAAAAGATAAAAAAGGACGCCAGGTGAGTATTCAAAGTTTGCTTGATTATTTTCAGTGACCCCTGATATACGACAAC AAGGAAAGGTTAAACATAAATTATCTGCTATTTTGTTTCTCACCGTATGTGCAGTAATTGCAGGTGCCGATGAGTGGCAG GAAATTGAAGATTTTGGACATGAAAGACTTGAATGGCTAAAGAAATATGGTGATTTTGATAATGGCATTCCGGTCGATGA CACCATTGCACGCGTTGTGAGTAACATTGACAGTTTGGCCTTTGAAAAGATGTTTATTGAATGGATGCAGGAGTGCCATG ATCCATATGGTGAGTGCATTCTCGAACGAAAATGGTGTTGTACTGGGGCAGGTGAAAACGGAAGCCAAAAGTAATGAGAT TACAGCCATTCCAGAGTTGCTTAACCTACTGTATTTAAAGAAAAATTTGATAACCATTGATGCTATGGGCTGTCAGAAAG ATATCGCTTCGAAGATCAAAGATAAAAAAGCAGATTATCTTCTGGCAGTAAAAAGGCAATCAGGGGAAATTACATCATGCA TTCGAGGAAAAATTTCCTGTAAATGTGTTTTCTAATTATAAAGGCGATTCGTTTAGTACGCAGGAGATAAGTCATGGAAG AAAAGAAACACGTTTGCATATTGTCAGTAACGTAACGCCTGAACTTTTGTGATTTTGAATTCGAATGGAAGGGATTAAAA  ${\tt ATCAAAGGATATGGATGCTAAAGAATTTGCACATGCTATCAGAGCGCACTGGCTGATCGAGCACAGTCTTCATTGGGTGT}$ TAGATGTAAAAATGAATGAAGATGCCAGCCGGATAAGAAGAGGGAAACGCAGCCTAAATAATATCTGGAATAAAGAAGATG ATCATCAGAAGTTCACTTTTTGTACTAAACAATTCGCATTTTATGTTTAAAAAATTGAGATATTCCTTATTACCTAAAGCT GTTTTTTATTGCTTACACATGATCAAATACTCCTTACATAATTAAGGAGAACAAAATGGAACTTAAAAAATTGATGGGAC ATATTTCTATTATCCCCGATTACAGACAAGCCTGGAAAATGGAACATAAGTTATCGGATATTCTACTGTTGACTATTTGT TGATTTTGAAAATGGTATTCCTGTTCACGACACCATTGCCAGAGTTGTATCCTGTATCAGTCCTGCAAAATTTCACGAGT GCTTTATTAACTGGATGCGTGACTGCCATTCTTCAGATGATAAAGACGTCATTGCAATTGATGGAAAAACGCTCCGGCAT TCTTATGATAAGAGTCGCCGCAGGGGAGCGATTCATGTCATTAGTGCGTTCTCAACAATGCACAGTCTGGTCATCGGACA GATCAAGACGGATGAGAAATCTAATGAGATTACAGCTATCCCAGAACTTCTTAACATGCTGGATATTAAAGGAAAAATCA AAAGGAAACCAGGGGCGGCTAAATAAAGCCTTTGAGGAAAAATTTCCGCTGAAAGAATTAAATAATCCAGCGCATGACAG TTACGCAATGAGTGAAAAGAGTCACGGCAGAGAAGAATCCGTCTTCATATTGTTTGCGATGTCCCTGATGAACTTATTG ATTTCACGTTTGAATGGAAAGGGCTGAAGAAATTATGCGTGGCAGTCTCCTTTCGGTCCATAATAGCAGAACAAAAGAAA GAGCTCGAAATGACGGTCAGATATTATATCAGTTCTGCTGATTTAACCGCAGAGAAGTTCGCCACAGCAATCCGAAACCA  $\tt CAGCAGAATTATTTTCAGGGGATACGGCACATTGCTATTAATATTTTGACGAATGATAAGGTATTCAAGGCAGGGTTAAGA$  ${\tt CGTAAGATGCGAAAAGCAGCCATGGACAGAAACTACCTGGCGTCAGTCCTTACGGGGAGCGGGCTTTCGTAATCTTGCCC}$ TGGGCATTATTGTCGTATAAACGCTTTACCGGACACATGACATTCACAATGTGTGTTAATTTTACTGACATCTTTCAAAA GGAGCGTAATCATGCCGCACATCGACATTAAATGTTTTCCGCGTGAACTGGACGAACAACAAAAAGCAGCACTTGCTGCA GATATTACCGACGTTATTATTCGTCATCTGAACAGTAAAGACAGTTCGATAAGCATTGCTCTACAGCAGATTCAACCAGA ATCTTGGCAAGCTATCTGGGATGCCGAAATCGCGCCCCAAATGGAGGCTTTGATAAAGAAACCTGGTTATAGCATGAATG CTTAACCCGCCGTAACACGCTTGCCGCTGGTAACAACGTCCCAGCACCTAAATGATGCAACGTATTGAGCTTATCATCA TCAAACTGCCAGCGGCCTTCGACAAATACCCGTGCGTCTGCCGCTGCTGATACTACTTCGCCAAACAGCGTGTCGTATTC  ${\tt CCGGGCCTCTCACAACCGGAATGCCATAGCAATTAAATTTATCTTCATCACGCCCCGACACACTTCCCACCGCCCACGTC}$ ATCTACCACAATCGCCACGCGTGGAGGTTCAAACTCCACCGGCATTGACCAGGCTGCAGCCATAATGTTACGCCGCTGGG ATTGCTCATCGAAACTGGTGATCAAGACCGTTGGGCCATGATTTAACAGACGGCTGGCATGGTGTAATTCTATGGGGATG AATCGGCTCATGGTATCGCCTCGCGAAGAAGGTTTTTTTAAGCGTAGTCCGTAACGCAATAAGTAACGAAATTAACGGGA TTGGCGATTTGCGAACGTGATGCATGTCCGCGATCGCACAAAATAGCCGGTGCGGCGTCTATTCCAGGTTATAAGTTGAG AAAACCACTAAGGGAAACGCCTGATGACGCCCATTCTGAATCACTATTTTGCCCGTATTAACTGGTCGGGAGCTGCTGCG GTCAATATTGATACGCTTCGTGCATTGCACCTGAAACACAATTGCACCATTCCGTTTGAAAAACCTCGACGTTTTGCTGCC GAGGGAAATACAGCTTGATAATCAATCGCCGGAAGAGAAACTGGTGATAGCCCGTCGTGGCGGTTACTGTTTTGAGCAGA TGGGCAGACGCTAACCGCGCCGATTCGTTTAGTTTCCGATCTCGTGCAGACCACGCCACACGGAGAGTATCGGTTGTTGC AGCGAAATCTACCGGATGTGGCGTCATTATATGCTGTGATGCAAGAACAGTTTGGTCTGGGCGTGGATGATGCGAAACATGGCTTTACCGTGGATGAGTTAGCGCTGGTGATGGCGGCGTTTGATACGCACCCGGAGGCGGGAAAATAATTTATGTCAGG TTGCCGGATGCGGCGTAAACGCCTTATCCGGCATACATTAGCCCGGTTGTAGACCTGACAGGCGAAGCGCATCAGACAAC TCACGAATTGTCACCGTCACTTCAATCATACCGTCACGCCCCAATGCGCCCCTGATGGCCTTTAACACGCAACACGTT GCCATCGTGGGGCAATACGTTGTGATGTACCAACCATGCACCCATCGGGCCATTGGCATTGCCAGTCACCGGATCTTCCA CAATACCAATCGCAGGCGAGAACATGCGACCATCGGTTTCGTTTTTGCCTGGGCGGATCTGGAACGGGAAGAAACCATTG GATCATCACTTTTGAGTGTCCTGTTGTTGCCACCTGAATTGGCAAGCCTGGCAGAATATCGTCCTCAGTGAGATGAAGCG CGTTGATAATCGCCGCACGTGTTTCACCTTCCAGCGGTGGCTCAAAGCCCGGCGTACCTTGTTCCAGCGAAATACGATAA TCATCGTTGTGCTTTTCGATAGTCACGCGATGTTTTCCTGCCAGCGATGTTTGCCAGATCGTGCAATTTCCTAAACCTAA TGCGCACATCGCTGTCGCTGTGCAGCAGAAAAGCAGTTTCCGAATGGCCTAACTCGCGGGCGATAAGCTGCATTTGC GCTTCGCTAAGATTATCGGCGGGGAAAACAACACCGGCAGAATTGCCGCGAAACGGTTGTGAGGTAAAAGCATCGACGTG GTACACCTGCGGTTTCATTAACGTTCTCCTGTGACTGGAGAACTATCATAGCCTGCAAGTGGCCGGAGAGCGAAGGGCTA TCCGGCCAGGGTGAAATTATCGCCGCGAACGCACAATTTGATATCGACGAGTAAAGTACTCAAACGGCGCGCTCCACACA TGCACCAGTCGGGTGAACGGGAAGACAGAAGATGGTCATTCCCAACACCAGATGCAGGCGGAAGACGCAACGCTACGCC GTTGAGCATCTCTGACGATCCACCACGGAAAGTGACAATGCTTTGCGCCCAACCCACCAGCTTCATCATTTTCGCTACCAT  ${\tt CAGGATACTGTGCTGAAAACGGTATGGTACTTAGCCCCAACAGACACTGGATCAGCAAAATGCTCATGATGATGATATCC}$ GGCGTAGTGGAAGTGGCACGCACGCGCTGATTTGTCAGCCTGCGCCACAGCAGTCCTGCGCCGCCAATCAACGTCAACAC ACCGCAAATACCGCCGAGCACCATCGCCATGAGTTGTTTCGCTGCCACTGGCAAAAACCACGCGTACATCCAGTGCGGCG TTAACATGCCGAACAAGTGCCCGAAGAAATCCCCCAAAATGCCGATATGGAACAGATTCGACCATATCACCATCCCGCGT CGTCGCACAAATGTACGGGTAGATATCGTAAAAAAAAGACGTTCAGATACTGAATCATTTCCCACCTCCCGCACTGATGTC GACATATTGCGGCGCGACATCCTGGCTAAAGCGTCGCTGATATTGATTAAGCGGCGAGCTGTCACACGCCGTGGCGTTAT  $\tt CTTCAATAAACTTCACCTGTTCCTCTCCCACACTGCATCAAGCGCCTGGCGGGTGTCATCGCGCTCTTCGCTGTTTACT$ TGTTTTGTGACACTGTCACTTGAAAGGGAGCTTCCCGCCAGTTGCAGCAGAGCATCAAACAACGACGCGTACCACGGTGCCTC GCGTTGTTTTAAGCGACCGCCAAGCAGGGCGAGGATCGGCGCAACATTGAGCAATCCTTCTTTCGCCTGATCGTCAGGCA GTACGCTTAAATACTCCAGATACAGCGGTAGATAATCGGGCAGTTCCCGACAATCCAGCTGCAGGCCGACCTTTTCATAC TCCGCCAGCAGGTCCACCATTGCCTGGCCGCGATCGCGGGACTCGGCATGAACATGTTCGAACAGCAGCAGCGACGTGGT TAAGCATCGGCGCGTCGCGGCGGATCAACGCCAGCGCGTCCTCCTTGCATTCCCACACAGCTCGTCCGGATACTCCATC AACAGGCCGATCACTTTGAGGATCTGCATTATTCGCCCTCCGCTTTGTCGCGCACTTCGGTGATGTTGATGGCATCGATA TGCGAAGGCATCGCCCGCCATTTCCCGATGGCTGGTCGGGATAACAAAACGATCTTCATAGTTGGCAATGGCGAGATAGC GATACATCTCTTCGACCTGGGCGACGCTCAGGCCTACTTCGTCGATGGCACGAGTATCAGTAACGCCTTCCACGGTTTGT GAACGCATATAGTGGCGCATCGCCATCATCCGTTTCAGCGCCCGCAGTACCGGACCGGTATCGCCGGCACTCAACATATT AGTTTCCAGTCCATCGCCATTTTGTAGACTGGCGAACGCTGGGCAGCGTCAATCACATTTTGTGGAATACCTTGTTTCAG GGCTTCCTCGATCACTGAGGGATCGTGTGGATCGAGGAACACTTCGCACTGGCGTTCATAGAGGTCAACTTCGCGCTCGG TGCTCGCCGCTTCCTCGATGCGGTCGGCGTCGTAAAGCAGCACGCCCAGATACCGGATGCGACCCACGCAGGTTTCTGAG  $\tt CACACGGTCGGTTGACCGGACTCAATTCGTGGGTAACAGAAGATGCATTTTTCTGACTTGCCGCTTTTCCAGTTGAAGTA$ TACATCATGAAGGTGTTTTCAAACTGCCCGTACATCTCCTTTTGCATGGCCTCGAAGTTGCGGTCGCGGGCACGTTTTTC GAACTCACCGCCCAGCAGTTCTCCCAGTTTGGCCCCCAGATCACTTTGTCCATCCGTTTGCCGTCAATCAGTGAACGCG GGCGAGCAGTAGGAATATGTTTGCCTTCCGGTGCGCTATGCAAATGTTCGTAGTCGAAGGTGAAAGGTTCGTAGTAATCA  ${\tt ATTCACATCACGCCACCCAGCCGCCTTGCCACTCTTCCTGATCTTCCCAGTTTTTCGGATAACCAATGCCCGGTTTGGTTT}$ CGACGTTGTTAAACCATGCGTACTCCATGCCTTCGCGCCCGGTCCAGACGTTTTTACAGGTCACCGAACAGGTATGGCAG GTAGTTAAAGCCCCAGGCCAGCTGCGCGTAACCGCCAATCATATGCGTTGGTTTCGGGCAAACGCGGGTAACCGAGTTAT GAATGCCGCCGCGCATGCCAGTTACTTCCGAACCAGGAATATTCATAATGCGTTCCTGGGCGTGATACATCATGGTCATG  $\tt CCCGGCGGTACACGTTGGCTGACCACCGCGCGGGCAGTCAGCGCGCCGTTGGCGTTGAATACTTCCACCCAGTCGTTATC$ GACAATGGTCAGTTCTCGGGCATCTGTTTCGCTGATCCAGACAATCGGTCCACCGCGAGAGAGCGTCAGCATTAGCAGGT TTTCACTGTAGGTTGAGTGAATGCCCCATTTCTGGTGCGGCGTCAGGAAGTTAAGTGCTTTTTCCGGGAAGCCGTTTGGC CGTTATAGGAGACGTGATCGCTTTCCAGACCGGACCAGGTGGGGCTGGAGATAATTTTACGCGGCTGCGCCTGAATATCG CGAAAGCGAATCTTCTCGTCCTCTTTGTGCAGCGCCAGATGGGTATGTTCGCGCCCGGTGATCTCGCCCAGCGCCTGCCA CGCTTTGACTGCAACATGACCGTTGGTTTCCGGTGCCAGTGCCAGAATCACTTCTGAAGCGTCAATGGCGGTGTCAATCA GCGCTCCACCGCCACAATATTCGGCGCGGTTTTGCCTGGAATCAGATCGCATTCGCCTTTGCGCCAGTCGAGCACTTCAC AGAAAGCGGATGAATAAACGGATGCATATCCGAGGTGTTCATATCGTCTTTTTCGTACCAGGTGGCGGTGGCCAGAACGATATCGGAGAACAGGCAGGTACTGGACATGCGGAAGTCGAGCGTCACCAGCAGGTCGAGCTTGCCTTCAATCGCTGCAGTT TGCCACTCGACTTCTTCCGGTTTGATCCCGTCGCTCGCACCGAGTTCCTCGCCCTGAATCCCGCTTTCGGTCCCCAGCAG TGCTGCTGCTATCTGGTTGTTCGCAGGCCATACGTAAATCGCCCGATTTCAGCGCCTGGGCGGTAAATTCTGTGGGGGGAT AGACTTTTTCATAGCGCCATTGGCTGGAATGATTGTAGAAAAACGAGGTGCTGTTCATTTTGGCGCGGTGGTCGGTTCCAG  GCTTTGCCCGACACCACAGAAGATCAGCATATTGATCATCCCGCGGTAGTTCATGTCCATGTGATACCAGTGGTTAA  $\tt CACCTGCGCCGAGGATAATCATCGAGCGCCCATGCGTTTTATGGGCGGTATCGGCAAATTCACGGGCGATGGTTTCAATA$ TACTGGCGCGCACGCCGGTAATTTGCTCACCCCAGGCTGGGGTGTACGGTTTGATTTCAGCGTAATCTTTCGCACTGTT TTCATCTTCCAGCCCGCGATCGAGGCCGTAATTCGCCAGTACCAAATCATAAACGCTGACCACCGGACAGGTGTTGCCAT ATGCCGCCAAAGTAGGGGAAGGCCACGCCTGCAACAGCGTCATGTTGACCGAGCAGGGTTAACGACAATTCGGTTTCCGT  ${\tt ACCGGCGGCAATGGATTCCAGATTCCATTTGCCTTTTTCTCCCCAGCGGAAACCAATCGAACCGTTCGGCACTACCAATTCAGCAGTTCGGCACTACCAGTTCGAGTTCGGCACTACCAGTTCGGCACTACCAGTTCGGCACTACCAGTTCGGCACTACCAGTTCGAGTTCGGAACTACCAGTTCGGAACTACCAGTTCGGAACTACCAGTTCGAGTTCGGAACTACAGTTCGAACTACAGTTCGAACTACAGTTCGAACTACAGTTCGAACTACAGTA$ ATCATGCGCCCGGGAACGTAGCTACCATCGTCGCGAGGCTCCAGCATTACCAGCATCGGCATGTCGCTGTAGCGGCGGCA GTAGTTGATAAAGTAGTCGCTGGGATTATCGAGATGAAACTCTTTTAAAATCACATGGCCCATTGCCATCGCCAGGGCCC TATCAGTGCCTTGTTTCGGTGCCAGCCACTGGTCGCACAATTTGGCCACTTCAGAGTAGTCAGGGGTAATGGCGATGGTT TTAGTGCCTTTGTAGCGTACTTCGGTAAAGAAGTGGGCGTCCGGCGTACGTGTCTGCGGTACGTTAGACCCCCAGGCGAT GGTCGCAATACCAGTCGTAGAAACTTAAACAGGTGCCGCCAAGCAGCAGATAACGCGTTCCGGCGGCGTAAGAAACC  $\tt GCGGATCGTTCATAATCGATGCCCACGCCAGTACCGGATCGCTGTGTTGCTTGAGGGCCTTCGCGCCACAGTTCAATCAGT$ CGTTTACGAATGAGCGGGTATTTCAGGCGGTTAGCGCTGTAAAGATACCAGGAGTAACTTGCGCCACGCGGGCAGCCGCG AGGTTCATGATTGGGCAGGTCAGGGCGAGTGCGCGGGTAGTCGGTCTGTTGGATTTCCCAGGTCACCAGACCATTTTTAAACACAAACGATGTAGAAGATTAAAAACACTTTCATCGCGCCGACCGGAGAGCCGGTCATATTGAGCGACATGCCAAACGC  $\tt CTGCGGAATAAAAAAGCCGCCCACTGCGCCAATGGCTGAGATAAAGCCCAGAGCCGCCGCTTTCGGTGACGGCTTCTT$ TATGAGCTTGCTCATCACCACCTTTCATCTTTACCCGATAAATGGTTATCTGGCGAAAGATGACGGCGATCATCTGG AAAGTAGAACCACTTCCCAGACCCGCAGTCAGAAACAGCCCCATAAATACGGCGTAAAAGGCGATGAAATTACCGGAGCC TGTGCCCGGTAAGGTAAGGAACAGCAGGGCACTGAAAATCGCCATAAAAATAAAGTTGATCAACGTCACCCGCACGCCGC CGAACTTATCGGAAATAGCACCACCAACCGACCGCGCGCTGGCACCGATAAATGGGCCAAAGAACGCCAGGCGCAGAATA TTCACATCCGGGAACTGGGTTTTTGCCAGCATGGCAAAACCCGCAGAAAAACCGATAAACGAACCGAAGGTGGCAAGGTA AAGCAGGCTCAGCAGAGATGCAGGCGTTGTAAGACAGGGAGCTGGTCGGCAATTGAGGCGCGTGAACTGGCGATATACCGAACCGTCGGCCTGCGGTACGCCATTGACGCCGAGAAAGGCCAAATACAGGTACAAAAATGACCAGCGGTGCAACCAG AACTGATATTGCCCATGCTCGAAGCAAAGTTTGCACCTGCAAAACCGCATAGCAAAGCGATAACGATAAATATCCCAAAA GGAGTATTCGGATTTTGCACGGCAATTCCGAGCCAGACGCAAGGAATAATCAGGATTGCAGTACTAAAAACCGTCCATCG GCGTCCACCGAATATAGGCACCATAAAGGAGTAGGGAACACGCAATAATGCGCCAGAAACGGAGGGTAATGCGGTTAATA AAAAGAGTTGATCGGTAGTAAAATTAAAACCGATTTTATTGAGATTAACGGTAACTGCGCTAAATAGCATCCAGACACAG AAGGCAAGAAGTAGACAACTGACTGATATCCAGAGATTTCTTCGAGCAATATGTTTTCCTTTATTTTCCCAGAAGGCCGG ATTTTCTGGTTTCCAGTCGCGCAAAAGATAACGACTATTTTTCTCATTTTTGCAGTGCCATATTGTTCCTCACATGCACAC ATTGGTAATGAAAAAAAGACAAAACACGAGGTAAGGCGCAATAGCCAGTTATTAGAATTAAGGATGAATTGGGTGAAGTG  $\tt CTGATTGAAAGAATAGATAAGAAAGCGTAACCGCGGGGGCAGAATGGGGATTAAGTAGCCAGATATGTGTTACTAAATGT$ AACTAACAAGCTAACCTTCAAACGGGGTTAATCTTTGAACGTATGTCATGTTTCAACCCTTCAGATCGTGAATCTAAAGG GTTACATATTAACTATATCAACAAGACCAGACACTTATAGAATTAGTGATGATTATTCACTAAAAAAGGCCATGAAC TTGTTTATTTCATCTAAGGTCATGTTTTTAACTTTTATATTCATCTGGTTTACAACTTCCTCTGTCTTGTAAGTGTGTAT ATTATATGGGGTATATGCTTTTTTAATAGGATAGTGAAACAATTCGTTATCCACATCTATTCCGTCAGAGTGAACTTCAA ATGCACCAGGCGAAAGAATTGCCAGGCCAGTATTAAGCTTAAGTGCTGGGGAAAACAAATTAAATAACATGAGCTGCATA GTAGGGCAATTGTTCTCCCAGAAACATTTAAAAAATTTAAGTTTTGCTCTGTTTTATTATGGGGAATAAAGTTCCAATA  ${\tt TCGGATGTATTATTAGTATCAATGTGGGTTATTTTATTATTGTCCAGTCTTAAACTTTTGATAGATGGAAGATAAGTCAG$ GAAATCAAGATTTATATATTTCAACTGGTTGTTAGCAGCGTTTAATGTCTGAACATTGCAGAAGTTGCTATAGAATATTT TAATTTCAGAAAGCAAATTGTTGTTAATAAGTAACGTATTCAAGTTGGGAAATAAGTCATTGTGTAAACTTGTTAGTTTA TTATGGGATAGATCCAGCAGTAAGAGTTCATTTTTATTACCTGCAACAATATCAGTTAATTGATTATGGCTGAGATTCAG GTATTGCAGCCATTCGCAAGATTCTAATTGCACAAACTCTAGTTGATTATGTGCCGCACTAAAATAAGTAACTGATGAAA GCCTATCTATATCAATATTTCTGAGAGCATTATTATTCATAGATATATGTGTAATACTTACATTTCTGCCTTGAGGAAAA GTTATTATCAAGATTGATAGATGTGAAGTTTTGCAGCCCTGGTGGTTGAGTGGTTAAATTAAGTCCTGATAAATCAATGG  ${\tt TCACTTCATTAGTGTCATCAATTATTTTCTTACTGCAGTCCAGTACTGCATTTGTGCAAGTGGATCATTGTTGATGCCG}$ GTTTAAATATTCCAGTTTTGTAGTGTTTTTGGCGTTTAAATGTGCAATATGGTTGTCGTTTAAAGTGATTGTTTTCATCC TGGGATGATTGTGTAATATAAGGTCAGTGATCATATTGTGATGGGCACTTAACTCAATCAGAGATTCTTGCCGCGCGAGC  $\tt CGTTGGCTTCATCGTTATAGCCTTTAAAATCATATTCCCAGTGACCAAAACCAATCATTTGATCATTGATTTGCGTTTCT$  $\tt CCTTTAAAGCCGAGACGGCATAAGTTTTATCACCATCGTCACGCTTATCATCAGTAAAATAACGTAGAGCGGTAACCTT$ GCCATAAAGGTCGAGTTTATTACCATCCTTGTTATAGACTTCGGCAGCGTGTGCTACGTTCGCAGCTAACAAACCAGTTA GGAACCGCCGCAGACCATCAGCGCGCCTTGCCAGAACGAGAACGACAGCGGGGCGCTGAGCAGCACGGCTGCAAGCGCTG AGGAAAGTACAGGCGTAAAATACGAACCTACCGCCATAATGGTGACATTGCCATGCAATATACCGACATTCCATGCAGCA TAAGCAAATCCTAAGGTAAATGCCGCAGAGATGAGTTTAATCATGACGGGCGTGCTAAATATCATTTCTGGTTGTGGCGT TCGTTACTGTGCAATAGGCTGCCCAGATAAACGCACCAATGAACGCCAGGAAATAACTCAATGGGCTGGTGGTGATATTA TTGATGATTTCATCATAATGTAACCCATTGTCACCGCCTAACACCCCAACAGACGCCGACGAGGGCTAATAATACCAGG TACAATCAACCAGTTGGTTTTCTGACCATTAAACAGAATGGCAAAGAGAATTGTCAGGCTGGGCCACAGATAGTTCACCA AGACTCCCGGCGAGTAAATAGCCTTTCGGGATTTGCCGAATACGCGGAAATCCAACCGTGAAGATTAACAGCAGCCCGCT  ${\tt ACAGGACGATCGCTATCAGCCCTATGAGCGTTGCTTTTTGTCGTGTCATGCTCGCTGTTTTTGTCTCTTCTTGCCGTTAAAA}$ ATTTGCGAAGGCGGATTATTTTGTGGCAAACAGATGTTCTTTTTGATTTCGCGCAAAAAGATTCAGAATTTTACTGTTAG TTTCCTCGCGCAGTAATACCCCTGAAAAAAGAGGAAAGCAATGGACGTCAGTCGCAGACAATTTTTTAAAATCTGCGCGG TTACGCGCTAAAGAGATCCGTAACACCTGCACATACTGTTCCGTAGGTTGCGGGCTATTGATGTATAGCCTGGGTGATGG CGCAAAAAACGCCAGAGAAGCGATTTATCACATTGAAGGTGACCCGGATCATCCGGTAAGCCGTGGTGCGCTGTGCCCGA  ${\tt AAGGGGCCGGTTTGCTGGATTACGTCAACAGTGAAAACCGTCTGCGCTACCCGGAATATCGTGCGCCAGGTTCTGACAAA}$ TGGCAGCGCATTAGCTGGGAAGAAGCATTCTCCCGTATTGCGAAGCTGATGAAAGCTGACCGTGACGCTAACTTTATTGA AAAGAACGAGCAGGGCGTAACGGTAAACCGTTGGCTTTCTACCGGTATGCTGTGTCCCCGGTGCCAGCAACGAAACCG GGATGCTGACCCAGAAATTTGCCCGCTCCCTCGGGATGCTGGCGGTAGACAACCAGGCGCGCGTCTGACACGGACCAACG GGTGATGGGCGGTAACGCTGCTGAAGCGCATCCCGTCGGTTTCCGCTGGGCGATGGAAGCGAAAAACAACAACGACGCCAA ATTACGTTCCTGTCTGGCGTTTTGCGCTACCTGATCGAAAACAACAACAACACGCCGAATACGTTAAGCATTACACCAA ATAAATCGTCCTGGAACTATCAGCTCGATGAAAACGGCTATGCGAAACGCGATGAAACACTGACTCATCCGCGCTGTGTG TGGAACCTGCTGAAAGAGCACGTTTCCCGCTACACGCCGGACGTCGTTGAAAACATCTGCGGTACGCCAAAAGCCGACTT AGGTGAACTACTGGAGCAACTATCCGAAGTTCTTCGTTAGCCTGATGAAATCTTTCTATGGCGATGCCGCGCAGAAAGAG GCAAGCTGAAGTACATGGTGGTTATCGATCCGCTGGTGACTGAAACCTCTACCTTCTGGCAGAACCACGGTGAGTCGAAC GATGTCGATCCGGCGTCTATTCAGACTGAAGTATTCCGTCTGCCTTCGACCTGCTTTGCTGAAGAAGATGGTTCTATCGC TAACTCCGGTCGCTGGTTGCAGTGGCACTGGAAAGGTCAGGACGCCGCGGGCGAAGCGCGTAACGACGGTGAAATTCTGG AACTACAAGCAGCCGCACGAACCGCAATCTGACGAAGTGGCTAAAGAACAACGGCTACGCGCTGGAAGATCTCTATGA CGCTAATGGCGTGCTTATTGCGAAGAAGGTCAGTTGCTGAGTAGCTTTGCGCATCTGCGTGATGACGGTACAACCGCAT  ${\tt CGGTAAACCGTGGGATCCGAAACGGATGCTGATCCAGTGGAACGGCAGCGAGTGGACGGGTAACGATATTCCTGACTTCG}$ GCAATGCCGCACCGGGTACGCCAACCGGGCCGTTTATCATGCAGCCGGAAGGGATGGGACGCCTGTTTGCCATCAACAAA  $\tt ATGGCGGAAGGTCCGTTCCCGGAACACTACGAGCCGATTGAAACGCCGCTGGGCACTAACCCGCTGCATCCGAACGTGGT$ GTCTAACCCGGTTGTTCGTCTGTATGAACAAGACGCGCTGCGGATGGGTAAAAAAAGAGCAGTTCCCGTATGTGGGTACGA  $\tt CCTATCGTCTGACCGAGCACTTCCACACCTGGACCAAGCACGCATTGCTCAACGCAATTGCTCAGCCGGAACAGTTTGTG$ GAAATCAGCGAAACGCTGGCGGCGAAAGGCATTAATAATGGCGATCGTGTCACTGTCTCCAGCAAGCGTGGCTTTAT TCCACTGGGGCTTTGAGGGTGTCGCGCGTAAAGGTTATATCGCTAACACTCTGACGCCGAATGTCGGTGATGCAAACTCG CAAACGCCGGAATATAAAGCGTTCTTAGTCAACATCGAGAAGGCGTAAGGGGGCGAACAGATGGCTATGGAAACGCAGGA CATTATCAAAAGGTCCGCAACTAACTCCATCACGCCGCCTTCTCAGGTGCGTGATTACAAAGCAGAAGTCGCAAAACTTA TCGACGTTTCCACCTGTATCGGCTGTAAAGCCTGTCAGGTGGCGTGTTCGGAGTGGAACGACATCCGTGATGAAGTGGGG GAACGGCAAGCTGGAGTGGCTGATCCGTAAAGACGCTGTATGCACTGTGAAGATCCCGGCTGCCTGAAGGCGTGCCCGT  $\tt CTGCTGGTGCAATCATTCAGTACGCTAACGGGATTGTCGATTTCCAGTCGGAAAACTGCATCGGCTGTGGTTACTGCATT$ GCCGGGTGTCCGTTTAATATTCCGCGCCTCAACAAAGAGGGTATAACCGGGTATATAAATGCACGCTCTGCGTCGATCGCGT GGTACGCACGTTATGTACGTGCTGCATCACGCCGATCAGCCGGAGCTGTATCACGGTCTGCCGAAAGATCCGAAGATCGA  $\tt CACCTCGGTAAGCCTGTGGAAAGGCGCGTTGAAACCGCTGGCAGCGGCTTGATTTGCCACTTTTGCCGGGTTGATTT$  ${\tt TCCACTACATCGGTATTGGCCCGAATAAGGAAGTGGACGATGACGAGGAGGATCATCATGAGTAAGTCGAAAATGATTGT}$ GCTGTTGAACATTGTCGAAGTATTGAAAGGCAATGAGCATAAAGTGGCGGATGTCGGTAAGTACAACGCCGGGCAAAAGA TGATGTTCTGGTCGATCATGAGCATGATTTTCGTGCTGCTGGTGACCGGGGTGATTATCTGGCGTCCGTACTTTGCGCAG TACTTCCCGATGCAGGTTGTTCGCTACAGCCTGCTGATCCACGCGGCTGCGGGTATCATCCTGATCCACGCCATCCTGAT  ${\tt AACACCATCCGCGCTGTATCGTGAAATCGAGAAGGCAAAAAAAGGAGAGTGAAGAAGGGATATAATCTCTTTTG}$ AACTTTAAGCTGAAAATGGCGCTGTAAAAGGCGCCATTTTCATATTGTAGACAACGTAGGCTTTGTTCATGCCGGATGCG GCGTGAACGCCTTATCCGGCATGAAAACCCTTCAAATCCAATAGATTGCAGTGAACGTGTAGGCCTGATAAGCGTAGCGC ATCAGGCAATGTTGCGTTTGTCATCAGTTTCAAATGGCGCTGTAAAAGGCGTCATTTTCATATTGTAGACAACGTAGGCT TTGTTCATGCCGGATGCGGCGTGAACGCCTTATCCGGCATGAAAACCCTTCAAATCCAATAGATTGCAGTGAACGTGTAG GCCTGATAAGCGTAGCGCATCAGGCAATGTTGCGTTTGTCATCAGTTCTAAATGGCGCTTTATAAAGTGCCATTTTTTTA TTGCGTAACCAGACGCGTAATCGCGACACATCCACTGTTTTTTCTGCCTCTGCCAGACTCCAGGCGTTTTGCAGATTCA GCCACATTTGCGGCGAACTGCCGATCACCACGGAAAGTTTAATCGCCATTTCTGGCGTCAAAGCTGCTTTTCCTGTCAGC GCTTCAGTTAAATCCTGGCGCGTGCCGACCAGCGAACCGACCACTTCAATACCATCCAGCACAAGACGTGGGATATCCAG GCTCATAGACTCCGGCGGTAGACCGACAGCCACAACACGACGCCTGCACGGACAGCATCAACTGCCGAGTTAAACGCAG GAGTTAATCGCTAAATCTGCGCCCATTTCGGTTGCCAGTTTTAACTGCTCATCATTGACATCAATGGCGATCACTTTGGC GTTAAAGACATTCTTCGCGTATTGCAGGGCGAGGTTACCCAGACCGCCAAGACCGTAGATAGCAATCCACTGCCCTGGAC GAATTTTTGACAGCTTAACGGCTTTGTAGGTGGTGACTCCCGCACAGGTAATGCTGCTGGCCGCCGCCGAGTCCAGACCA TCTGGCACTTTTACCGCGTAATCGGCGACCACGATGCACTCTTCCGCCATCCCGCCATCAACGCTGTATCCGGCATTTTT AACTGAACGGCAGAGCGTTTCGTTACCACTGTTACAGTATTCGCAATGACCGCATCCTTCGTAGAACCACGCCACGCTGG TTCGCCATGTTTCAGTGAGCGCAGTGTTTTATACGTAACGTCAACATGATGATCCTTCGTAACACTGCAGCCTTCATAG TTCCTCCTTTTCGGATGATGTTCTGCATAGCAGGTGAGGCAAATGAGATTTATTCGCCACTACCCAGTATGGATGAGATC TGAAAAAGGGAGAGGGAAATAGCCCGGTAGCCTTCACTACCGGGCGCAGGCTTAGATGGAGGTACGGCGGTAGTCGCGGT ATTCGCCTTGCCAGAAATTATCGTCAATGGCCTGTTGCAGGGCTTCGGCAGAGGTTTTCACCGCCACGCCTTGCTGCTGC GCCATTTTGCCAACCGCAAACGCAATTGCGCGGGAGACTTTCTGAATATCTTTCAGTTCCGGCAGTACCATACCTTCGCC GTTCAGCACCAATGGTGAATACTGCGCCAGCGTTTCACTTGCCGACATCAGCATCTCATCGGTGATACGTGACGCGCCGG AAGCAATAACACCCAGGCCGATGCCCGGGAAAATAAAGGCGTTGTTACACTGGGCGATAGGGTAGATTTTATCTTTCCAT ACCACTGGATTAAACGGGCTGCCGTGGCGACCAGCGCGTTACCTTCGGTCCAGGCGATAATGTCCTGCGGTGTGGCTTC TAAACAGCCCGGTCTGTCCTGAGACGCCAATCAGAATATCTGGTTTTACATTGCGCACCACATCCAGCAGTGACAGCACA  ${\tt TCGCTGTCGGTATCCCAGTCACTGAGGTTTTCGCGCTTCTGCACCAGTTTGGTCTGGAAAGGCAGCAGGTTCGGCATCTT}$ GTCAGTCAGCAAGCCAAAGCGATCGACCATAAAGACTTTCTGCCGCGCCGCTTCCTCGCTTAATCCTTCGCGCTGGGTCT GTTGTTTCACAGCCTGGATAAATTCATCAACGAATTCATAGTATTCGTCGTCAGTGATACGCCGGATTACGCCAGCCCATA TACAGCGGATCGTTAAGCAGCTGTTGGTTGTTCCGTCCGACATCCAGCACCACCGGAAGGGTATACGCCGGGCTGATGCC GCCACAGGCGGTATAGAGCGACAGTTTACCGATCGGAATGCCCATCCCGCCGATGCCCTGGTCACCAAGCCCCAGAATGC GTTCACCGTCAGTCACCACAATCACTTTAATATTATGGTTCGGCACGTTTTGCAGAATATCGTCCATATTGTGCCGGTTC TGGTAAGAGATAAACACGCCGCGTGAACGGCGGTAGATCTCAGAAAAACGCTCACAGGCTGCGCCGACGGTTGGGGTATA GGTAGATGTGTTTGTCGATTTCGGTTTTGAATCCCTGATACTGGATCCATGCTCGTTCCGCTTGTTCTTCGATGGTTTCG TTTTTTGAATATCCATCCCTGGGGGGCTTTTATCGTCTTTGCTTTACCGCCAGGGCCTCGGCCTCAAGTATAAAGCAGAT AAAAACAAAAACCCATTGCGCAGGCAATGGTGTTTAATCGTCATTGAGGACTGATGGTTATGAATTACTTTTCAGCGGG  $\tt GCGTTTTCTGCCGGTTGGGTTATTTACTACGCTGGATTTGTCACCTTCGGTAACTATTTTGCGCTGGTTAGAAATTTTAT$ GGTCCAGTCCAAGAATATGACGTGCCTGACGGTTCGATTTCATTTTAACTCCTCAATCCTGTAGCTAGTTTTAAGGACAA CATCGCCGTAGCGAAGAACACGTGCTAAACCCCTAAATTAGGTTGCCGATCAAGCATAGCACCTTAAAGCGTAGGGTGC TGGCCACTGACCACATAATTGATCGTTTGCTGGTAGATATCACTGAGGATGTCGTTATCAGAAGCTTCAACCCATTTGGT  $\tt CAGCTCCATGAGAATGTCATCTTCAGTGACAACACCATGCTGTGCCCGAAGGCCTTGCTCAATGGCATTAACCAGAGCGG$  GTTCTGCTGTTGAATTTTCTGCCTGATAATAAGTAAACATAGTGATTCTCCGTGTCTGTGTATTTATGGTGTCTGCTACG GATCGCAGATTTATAAAGCACATTCAGCATGGCAAATATTTGCCGCTTCGTTGTTAAGATTAGTCCTGGTTGATGATTTT TATATTTTAACACCATGATATTCATAGGGATTGTGATTGGTATGATCCGATTAATATTGATACAATATCTTTTGGGTTAT ATATTCCCGGTAATCTATTGTGGGAATTTAATTTAAGTGCAGAAGTAATATTTTCGCCGGATTTTATTCGGAATATCCTG  $\mathtt{CTTATCCTCGTGCTGTTTCTCACGTAGTCTATAATTTCCTTTTTAAGCCCACAGGAGAGCAACAATGACAATCCATAAGA$ TTTCTCAATGGCGCTTTCATTAATGCTGGGGGAAGCGGGATTCACGCCAACATCGATTGATACCACCGCCGATGTGTCGC TGGATAAAGTGGATGCCGGTTTTGCGATTACGAAAATCGCACTGAAGAGTGAAGTTGCGGTGCCGGGTATTGATGCCTCT ACCTTTGACGGCATAATCCAGAAAGCAAAAGCAGGATGCCCGGTCTCTCAGGTACTGAAAGCGGAAATTACGCTGGATTA AACGTTCGTAGAAAAACAGCCTTGCGGCAACGTGCGGTTTCCCGGCAGATCCGTTTTACGTAATGCCCATTCTTCCTCC GTCGCCCAGTTCTACAATCTGCCCGAGATACATCACCGCCACCCGATCGCTCATATGACGTATCACCGAGACATTGTGTG AAATCAGCACATAGGTCAGCCCGTGATTTTCCTGTAGCGTTAACCAGTAAATTGAGGATCTGCGCCTGAACGGAGATATCC AGCGCAGAGGTTGGCTCATCAAGCACAATCACGTCAGGCTGCGAAGAGAGTGCTCTGGCAATGGCGATACGTTGCCGCTG CTCGCCGCTGTTGTTCACTACTACGCTTAGCTATCCAGAGCGGTTCTGTGATGATGCGCCACACCGGTAAGCGCGGATTA AGCGAAGAGGGGGTCCTGAAACACCATCTGCATAATGCGTTGTGAGCCAGAACGGATGTACTGCCCGTGGCTCGGTTG GGATCTGTAAATCAATACCATTAATGGCATGAACATGTTCCGTAGTTTTACCAAGCCAGTTTTTACGGGCCGGGAAATTG ATATGGACGTCGCGTAACGTTAATAACGTGTCAGACACTTATAACCTCCTGCTGCGGATACCAACAGGCACAGCGCTGGT TGTTGTCACCACGCTGTCAGCGCCGGGACGTTTTCACACTGTGCACCTGCCGCATAGCAACGATCGCGAAAAGCGCAG  ${\tt CCGTCAGGCAAATGGGTGAGGTTTGGTACCGTCCCTGGAATGGCGGGTAATAGCTGGCGTGGTACTCCATGTTCTGGTGC}$ GCATTGCAGCAAACCAATGGTATACGGATGCCGGGGATGATGGATAACGTCTGCCGTCACGCCGCTTTCAATTACGCTTC AATAATCAATTGCGGCTCGCAGGAGAATGCCAGCGCAATCATTACCCGCTGGCGCATACCACCTGAAAGCTCAAACGGAT  $\mathtt{CTTATTGGTTGATGATGGCGGATCACGTCCATCTGAAGACCTATTCGACGTGTCGGATTGAGGGCGGTCATCGGTTC$ GGGAAATCTGCCCCGATGTACGCAATAACTGCCCGTCGGTAGCAGACGCATAATCAGCATTGCGGTGACTGATTTACCT GAGCCGGATTCTCCCACCAGACCGACAATTTCACCGCGGTTAATCTGCAAGGACACATTGTTGAGCGCGTGAACATCACC GTTAAAACCGGGGAAACTCAAATGCAGTTGTTGAATGTCCAGAACGGGTTGGGTCATGACTGCTTTCCTCCTGCTTTCGG GTCAAGCAGATCGCGAATACCATCACCAAAGAGATTAAACCCGACGGCGGTAAGCAAAATCGCTGCCCCCGGAAATGCGC AGGCCAATAAATCCCAACGTGGCGGCCATTAAAATCGCGCTACCGATATCCAGCGATGCCTGCACGATCAGCGGCGGTAG GGAGTTACGTAAAATATGCCAGTTGATCAGATGCCAACGAGACGCCCCAAAGGTTTTCGCCGCCTGAACATAGGTATACT GGCGTACAACTAATGCTTGCCCCCGCGCCAGGCGCACATAAAAGGGAATTCGCACAATAGCAATAGCCAGCATGGCGTTA AACAAACTCGGCCCGAGAGCGGCAGCCAGTGCCATTGTCAGTACCAACGAAGGAATCGACAGCATAATGTCCATGATGCG  $\tt CCACGACTAATCCGGCGAGAATTGATTGCTGACTGCCGACCAGTACGCGGCTAAACAGATCGCGTCCCACTTCATCGGTG$ TGAAAAAATCATCAATAGCATTAATACAATGATGACTGCCTGGTCACGGTGAGCGGACTGCCTTTCAGCATCCATA  $\tt CCAGTTTTGCACCGTTAAATCGCGTTTGTTTTTTGTGGGCGTACGGCGGACGTTTCCTCGCTTAGCATCATTCACCACCTC$  ${\tt ACGGCAAAGCCCATCACTGCCGGGAAGTCGAGCGCCTGTATTGATGTTACTACCCATGCACCCATTCCGGGCCAGGCAAA}$  AACGGTTTCGGTGAGCACTGCGCCATACAACAAATCGCCCAGCGCCAAACCCAATACGGTAATCGATGGGATCAACGCAT TGGGTAGCGCATAACATAAAACGATATACCAGCCGGGCAAGCCGCTGGCCCGGGCGGTACGAATGTAGTCTTCACTCAAT TGTTCCAGCATCGCTGAGCGGATCTGGCGAGCGACAATTCCCAGGTGAACGCAGCGTTAATGCCGGTAAGATGAG ATGTTGCAACGCATTGAAGAAGACTTCACCGTTGCCTTCAAGCAGCGCATCGAGCAGATAAAAGCCGGTAACGTGCGTTG GTGGATCCAGCCAGTCATCAAGCCTTCCGCCGCCGGGAAGAATTTGCAGATGACCATAAAACAGCACAATGACGCCCAGC TGCAGAGAGTATGCCCAGCGGGATGCCAATCAGGAGTGCCAGCAGCAGCACCAAAAGCCAGCTCCAGCGTCGCCGGGA AAAATATACGCAACTCTTCCAGCACCGGACGCCCGGTACGAATGGATGTTCCCAGGTCACCATGAAACAGGTCGCTGACG TAGCGGTAAAACTGTACATACAGTGGCTGGTCCAGTCCCAGTTGCTGGCGAATATTTTCCACGATAGCATCGCTGGCGCG  ${\tt TTCGGCTTTGGCTTTCGTCATGGTTGTATTGCATTGCCGTCGCATCGTAGCCCCACATGCCTTCCGGAATCGGGCTCGCATCGTAGCCCCACATGCCTTCCGGAATCGGGCTCGCATCGTAGCCCCACATGCCTTCCGGAATCGGGCTTCGGGATCGGGCTTCGGGAATCGGGCTTCGGGAATCGGGCTTGCCGTAGCCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCCTTCCGGAATCGGGCCCACATGCACATGCCATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGCACATGATATGATATGAATATATGAATATGAATATGAATATGAATATGAATATGAATATGAATATGAATATGAATATGAAT$  $\tt CGCGCATCTGTTTTCCGTTACCACTCAGAATGCCGTTAACCATGCCCTGATAATCGGTAGACCAGGAAATGGCCCGACGC$ AGATCCGCCTGATTAAGAGGCGCTTTGCTGTTATTCAGATACAGATAGGTAACGCGCAGTGACGGATACTCTGCCACATT GACTTTATTTTCCTGCTTCAGGGCGTTGAGTTGATCCACCGGCAGCGCATCGGCAATGTCAATGTCGCCACGGGAGAGCT GCAGGCGACGGGAGGCACTTTCACCAATAATTTTTACCGATACCCGTTTGAAGTTCGGTTTATTGCCTGGGTAATGCGGA TTTGGCACCAGAACTAATTGCTGACCTTTTTGCCAGCTTTTCAGCATAAATGGTCCGGAACCGGCGGTATTTTGCGCGAG GAAGCCGCGAGCATCATCCGCTGCATGTTCCTTTAAGACCGCCGGATTGATAATGGATGCACCGTCATTCGCCAGCGTGT ATCGGCAAATTTAGCATTATCTTTCAGGGTGAACGTCCACTCTTTTTGATCGTCAGACGCTTTCCAGCTACTTGCCAGAT  $\tt CGCCTTCAACGTCGGTTGAGCCTTTATCACCGTCCGTTTTGTACTGAACCAGCCGCTGATAAGACGGGTAGGTCACTGTC$  ${\tt CAGTCGTTATTATCTATTGTTACCGCCGGGTCGAGGGTTTGTGGATCGGCGGCCTTACCAATCACCAGCATATCTTTTGG}$ TACGGCGGCGTGCGCAACCGGGAAATTTGTGGCAAGGACGAGCGCGCGAGCAATGTGGGACGAAACGATATCGATCTCTTCA TGACAGTTTCCTGATTAACTGACGTGCTGTGTGCCAGGGGATATAAAACAAGAGAATTGATCAGCGAGCAGAGGGTAACT CGCTGCCTGGGGTAATTCGAAGTGCCACCATTCGCTGGAGATACCGACAAAACCGCCACCAGTCATTATCGCATTCAGCA CACATCAACAACATATTGCGGGTCTGGGCAGGCTTGCCACAACATCGCCTGTGCTTGTTGTGGGCGATACGCATCGTAAA TCACCAGTTGTAACCCTGACAGCTGGGCGATGCTGATACTTTTCGCCAGCGCGGTAATCGCATCCTTGTGTAACAGACAA CGCGCTTGCTGATAAATAGCTTTACCTGTGATGTTATCAGCGCAGGCGTATTTCAATTCGATCTCCAGATCAGGGAAGAT TACGGCTAAATCAACCAGTTCGGTGTATCCGACATAAACGGTTCCTGTATAAGACAAAAATTGCTGCGCTTTCCGCTTA TGCAGATCTCATGCCGTGATAAGCGCCAGAATGCTGGCTTAAAGTTATATTTTTTAACTTTTTGATCAACATTTTGT AGTGACAGTGTCACGTTAAATGAAAACCCGCGAGTGCGGGCGAGAGGAATTTGTCAGATTTTCAGCGGTAACACGCTGCT GCATCTCAAATTGCTCTTTGGTTTCGACGCCTTCCGCCACGACGGTTAAATTGAGGCTTTTGCCCAATGCTGGTAATGGCT TCAAGTAAGGCAAGGATGCGTTTTTCGGTCAGACAACGATCGACAAAACTTTTGTCAATTTTGATTTCCGTTACCGGAAG  ${\tt ACTGACTAAGCGGGATAATCCGGAAAAGCCCGTACCAAAATCATCTACCGATAAGCCCACGCCCATATCACGCAGGATCT}$ GAATGCGCTTAAAGATTTCGGTATCGTGTTCCATCATCATGCTTTCCGTGATTTCTACCGTCAGCTGGTCGGCCGTCAATA  $\tt CCCCAGGCGTGCATTGCATCAGACACCTGATTAGGCAGTTGATTACTGCGAAAGTGCAGCGCCGACAAGTTCACGGATAA$  $\tt CGCCGGGATATGAATATTCTGGCTACGCCATTCTGCTAACTGACGGCAGGCTTCCGCGATGACCCAGCGCCCAATATTTT$ 

 ${\tt AGGGCTTCGATGCCGTACAGTTCACCCGTTTCTGCGAAGATTTGCGGCTGGTAAACCAGTTTCAGTTGGTTATTGCTAAT}$  $\tt CGCTTCTTTCAGCGCTGCGCCTAAAACCAAACGCTCTTTTACCATTTCGTTCATCGCCGGGCTGAAGAACTGCCAGCCGT$ TACCGCCATTCTTGCGAATATAATCCATTGCATTGTGAGCAGTGGAGAGCAAGTAATCGCGGGTTTTTACCCAGGTCGTAG  $\tt CTGATGCCAATACTCAAGGTAAGCGGGAAGGGTTTATCGTCAATCATTATCGGCTTGCTGACCACATTCCGTAGCTCATC$ GGCGATTTGGGTAATGTTACTGACGTCGTTTTCGAGGCTCACGAGGACAAACTGCGTACCTTCGATACGACAGAGATACT GATCCGGTTTGAGTTTTTCACGAAAGCGATTGACCACTTCCAGCAATGCCTGATCGGCCCACGCATAGCCAAGGCTATCA ATCACATCCTGAATATGGTCAACACCGATGAGATACACCACGGGAGAGACGGCTTTGTCGACCAGGTCATCGAGGTAATT  $\tt GTGCAGGTTATTGCGATTTGGCAGACCGGTCATCGGATCAAATTGGATGAGTTGTTCAATATGCTGACGGCTTTTTTTCCT$ GTTCCAGCGCCAGCGCCATATGCTGGCTGATATCTGCCACGCGTTCGATAAAGGCGCTGGTTTCTGCTCCTGACGAG GTTTTAATTTGCAGGATCCCCGCAGGCGCCCATCACGCTGACGAATGGTCGCTGACCAGCTTTGCGCATTTTGAATTTC TGCACCGTGGGAAGATGACGCCCAGTGTATCGGCATCCCGTTGCGCAGTGCGAACAGCGAAACATGCGATTCGTTGAGTA  ${\tt CAGATTCGATGTTACGACAAATGATTTCCCCCATTTCATGAAATGGCGGGCTGCTGCACATGGCGGCGAGAATATTGCCT}$ TCAAGCTGGCGAATCTGCCGTTCTTCGGTGATATCCGAGAAAGTCATTACCAGGTTCTGCAGATGCGCGAGCACGTCATA TTTTCCATAGCAACTGTTGTAAACGAATGCGGTTATCGGCAGGGAATTCAGGAATGTTCAGGAGTGTATCGGGCTGCATA GACAATCACCGGTCGGTCGAGATGGTCAACGGCAATAATCAATTGTCGGGTCTGTTCTTTTTTGCGCCATTTCTACGCTGG CATCCCGTACCAGCGCCAGGTAATAAACTTTCCCCTCGGCGCTCACTTTCGATAGCGCAAAACGGGTCCAGATTTTACTG  ${\tt CCGTCTTTTTTCTCCAGCTGCAGCTCCCGACTCATCCCCTCAACACGCGCTTTACCGCCTTCACGGTTGTGACGAATGTA}$ TTCAGGATGCGCAGGACGCAAATCCCGCGGAATCAGCATATCAATGTTATTGCCAATGACTTCTTCACGTTTGTATCCCC AGGGCGGGAAAAAAATGCCATCGGCGCATTATCCGCATCGGTTAGCTTCATGATTACCTCTGCATCCTGGCGCATCTA AAGACTGGCTTTCCAGAGTTCAACACGGTTTCTACCTCGTCTTTTGGCGATATACAGAGCTTCATCGGCTATTTGAATGA GGCGCTCATAGTCAGGATGACCATTAAACATGGCGGCACCGATGGAAAGTGAGAGGGCAATATCTTCGCCGTTTGCGGCT TTCAGTTTGGTTTTCTCCACCGACTGCGAATACGTTCTGCGGTAACGTTTCGTTTTCAGAAGCTTCAGTCAAAAC AATGATAAATTCATCGCCCCCGTAGCGGAAAACATAATCACTACTGCGGACGTTGTCATAAAAGGCCTGAGAGACTTTAC GCAGAATTTCATCACCAGTGTTATGGCCCCACGTATCGTTGATCTCTTTGAATTTATCAACGTCAATAATCAGCACTGAC AGCGGTGTACCGGTTCGGCTTGGCATTGGCATTTCGCGTTTGAAGATAGTCGGTAGGAAACGGCGGTTAAGTAATTTCGT ${\tt CAGTACATCCATACCGACTTCGTGGCGCGATACTTCTTCAAACAATTCACGCAGCAAGGTAATAATTTGCGATACGGTATA$ TTCTTATCTGTAATAAAAATTTCACCCGCAGACTTCTGTTATTCAAATTTCTGGTGTTACGCATGGTTTGAATAAAAATA  $\tt CCGTCGAAATCCTGAATCAGACGGGAGATATGGCCTACTTCGGCAATACCACTAAAATAATGTCGACCTTTATGGTTAAA$  ${\tt CCACAGGCCAAAATCAGCCTGGCTTAAAGGCAAACTACTGCCTAAATCAGAATCCAGCAGGATTTTATAGATAATATCTA}$ TTTCCCATGAAAGTATTGAGGCTATTTGCCGTTCTTTTTCTTCTTCGGCGTTTTTCCAGTAACGAGAAGATACGATAGTTT TCATCTTCCTTTGAGGCACTACTGTCACTAAAGGTAAACGCGCGGGTCATCACTTCCATCGCGATATCAATACTGTTAAT CGAGAAATGGTAGACCTGAAGTTTTTCTGCGGCGGAATAATCCGAAGAGAGATCACCGGATAGAGGATTTTTTTCAGCA  $\tt CCCGAAACCCCATCTCGACAATTTCTACCGGAATTCCTATGCGGGCATGCACTTCCGCGACGGTATGCTGGATTTGTATT$ TTGTTCATTACTCAAGAATTCTTCGGCATGCGGGTCGATGCGGACAATTCGATAAAACTCGATACTCAGATAATGAGCAT  ${\tt GCGCAACGGCAATTTCCGCGGCTTTAGCACGAATGGGCGGATCTGCCTGTTCGACAAGTCCGGTCCACTCATCTTTCATT}$ CTTTTAAAATACATCTCCATAATTCACACCCTTATAAGGCTGGGAAATCAGACGGAATCAAAATGAAACGCAACGTGCGA GATCGACTAACTGCACCATATTCTCCTGAAATATGAAGATATACTGAAAAGAAATAAGCGATTTAGGACAGTTTCAATCT  ${\tt ACGCTACTGTTCTTCAGAAGAGTATAGCCCATCGTAATTATTTTTCGGTGACAGCGAATATCGTATGGTTTTTCATATTC}$ AGTTTAAGAGGGTAACAAGCCGGTGGGTAAAGCACCGGCTTGTTACAAAGTAAGAATGGGAGTTTAACTGCCCCAGCGAC TTTGCAGATAGCTGACCGCTTGTTGAGTCTGCGGTTTATTCAGATAGTCCTCACGGAACAAGATGGTGCCGCTAATTTCG  ${\tt GGCACAGCATCGTTAAGATCGAGCTGCTTTTTCAGTTCCGGTACGCCGCCGTTAATCATCCAGTCTGGCTCTATCTTTGA}$ AGGTTCACCCACTTTATAGAAGGCGATACCGATATACAGGCGGGTCCTGGTCGGTTTAACGACATCCGCCCACCATTTTG

 ${\tt CCAACACGTCATAACGCGCGGCACTCCGTGAGAACGGCCAGTAAATTTGGGGAGCAATGTAATCCAGCAATCCTTGTTCC}$ GTTACGCCACACGCCTGCCGGGCTAACACCAAATTCGACTCCCGGCTTAATGCTTTTAATGGTGTGCGATACCTTTGCAA TTAACTGCTGAGTATTGTTGCGCCGCCAGTCTGCTTTTGACGCAAATGCGCCTCCGTATTTACGGTACGTTTCGTTATCA TTTAGCCGTGAACCCGGTGACTCCGTATAGAAATAGTCGTCAAACTGCACGCCATCTACGGGGATAGCGGGAAACCACTTC TGCGACTATTGATGTGATCCAGTCCTGAACCTCAGGGATGCCCGGGTCGAGGACAAAGCGATCGCCAGACGTTCTGATCC AGTCGCGGTGTTGCACATAGACGCTCGCCGGTTGTTGAGACAGAGTGCTATTCAGTTCCCTGATAGTACCGGGCTTCGTA TTAACCGATACGCGATAGGGGTTAAACCAGGCGTGTACTTTCATCCCACGCTTGTGGGCTTCGTCGAGCATAAATTGCAG CGGATCGTAACCCGGATTTTCACCAATCTTACCGGTCATAAGATCGGACCACGGCAAAATTTTCGATGGCCACAGGGCGG TACCGTCCGGCTTGACCTGGAAAAAGACCGTGTTTATGCCGAGACGTTGCAGATGATCCAGTTTGTCGATCATCGCCTGT TGTTGTACACGGGCCCGGCTGGTGGGGTTACTAATGTTAACCGAGGAAACCGGTGGCCAGTCGAGCCGAGAAACCGTGGC  ${\tt ACTCTGGAGGCGTGCTTTTACAACTACACAGTAAAAGTGCCAGTGCAACTAGTATCGCTGGTCTTCTAATCGTTAATTTC}$ TTGTTTCGGGAGCAGATATCCATATGTGCTGGTTTCCGGTAAACAGATGTGCGCTCATTCTCGTACTTATCCCCGTTAAG TCAATACGACAGCAAGCACGAAAAAGGGAGCGATGAATTATCGCTCCCTTGTCTTATAACCATTCAGACATGGTTAGTGT TTCTTGTCATCACAATATAGTGTGGTGAACGTGCACGCGGGTGCAGGAAGAAGTGACCTTTTGGTGCGTTCTGACT GTTGATTGGCTCCAGAGTGACGCCGGTATTTGCTTTGCCTTTACGATCATGAACAGCATAGAGAATAAAGGGCAGGGCAA GAAACAATAAACGCCATAATTGAAGTCAGCAGACCGACAATTGCCACGACCAGTTTCACCCCTTTACCACCAGGGATATT AAATGTGCGTTTTAAGTCAGGATGTTTAAGAACCAACACAATGTAGCCAATAAACAGCATGAAATAAGCACACAGATAAA TCACCACCGTCAGCGCCAGTGCGATCAGGAAGGACATGTTGTTACCGCCACCGGTATTGGTGAGGATGATCAACGCGATA GACGTAATCACCAGCTGCGAAATGACCAGCGTTACCGGTACGCCATTTTTGTTCATTTTAGCGAATGCCGCTGGCAGCAG GTTTTTCTGCGCTGTTACATACATCCCGCGAGAAGGACCAACAATCCAGGAGGCGATTTCCGCCAGAACACCCCAGCAACA GCAGTGCGGAGATCACGCGAACCGTCCACTCAATTTCTGGTGCCACATGGGACATCAGAACGGTAAAGGTTTGCATTACC CCTGCGGAGAGGTTGATTCATTACCCGGAATGACCATCGCAATAGACAACCACCAACAGAGCTTAAGCAGATTGCCGC CGCCCATATAACTCAAAATGAAGGCAACAAATACTACCAGGGTGCCCACTTTAGAGAAGTCAGGGAAGAAGGTCTTCGAA  ${\tt ACCGGCGAAGAAGCCAACTTTAGCAATTCGCGCCGTGTATTTCGTGCCACCAAACTGCGTTAATGCCAGCGCCCAAAGAA}$  ${\tt ACGAAATAGAGCATCGGAATAAAACCAATGGCGATTTGCAGATAGCCAAATGAGATCGCTGCAAATCCCCATCTCGGCCC}$  ${\tt CGGGAATAAACCATAAAATCCCGCCTAATAGCAGGAAGAAGACTAATGAAAAGCCCGATGTTGCGAAGGTAGGGTATTCA}$ TGTAGCCATATTATCCCCCTAAAACGGTATTCCTGTCGGAACCGCACCTGTTTTGTTCTGAAGCGTATTCAGAACAATAT TTTCCGTTGCTAATGCCAGTGAACAGACTTTGGAAATTGTCCCGAAACGGGTTCGTTTCGGGACACCGTTACCGTTAAAC GTTATCAGGTATGTTTAAAGCTGTTCTGTTGGGCAATACCCTGCAGTTTCGGGTGATCGCTGAGATATTTCAGGGAGGCT  ${\tt TTGTAGTCTTCCAGCAACAGTTCAGCAAAGTCCATTTCGAAGCCGCGACGACACATAATGCGCATCACCACGATGTCGGT$ GGCTTCACCGCCGAGAGTGAAGGCCGGAACCTGCCAGCCGCGCAGACGTTCAGAGAGGTCATACAGGGTGTATC GGCCCCAGTTTGGCGATTTCATCCGCCAGATAAGCGGCAACCTGGTAAGAGGCGTTCTGTACTTTGGTATAGCCTTCACG ACCGAGGCGCAGGAATTCATAGTACTGTGCAATTACCTGACCCGCCGGGGGGGAGAAGTTGATGGCAAAAGTACCAATTTGACCACCCAGGTAGTCAACGTTGAACACCAGTTCCTGCGGCAGCGCTTCTTCGTCACGCCAGATAACCCAGCCGCAGCCC AGCGGAGCCAGACCGAATTTATGGCCTGAAGCACTGATCGATTTCACACGCGGCAGGCGGAAGTCCCAGACGATATCCGG  $\tt GGCGACGAACGGTGCCAGGAAGCCACCGCTGGCAGCGTCGATGTGCATGTCGATGTCGATACCGGTATCGGCCTGGAATT$ TATCCAGCGCATCGTGCAGCGGTTGTGGGAACTCATAGTTACCAGTGTAGGTCACGCCGAAAGTCGGCACCACGCCGATG GTGTTTTCGTCACAGGCTTCAATCATGCGTTTCGGGTCCATAAACAACTGACCGGGGCGCATAGGGATCTCACGCAGCTC   $\tt CTGCAGCTTCCATACGCTTGCGCCAACGCCATTTCATCGCCATCCCGCCGAGCATACAGGCCTCGGAAGAACCAATGGTG$ TTGGTGCCAACGGCCTGACCATTTTTCGGCGCAGGCGCATGCCACAGATCGGCAACCATATTTACGCAACGCAGGTCGAT GGCTGCGGATTGCGGATATTCTTCTTTGTCGATCCAGTTTTTGTTAATGGATAAATCCATCAATTTGTGGACATTTTCGT  ${\tt GCGACATCGTCGCGCATTTCGTGCAGCGGAAAACGTTTTGATTCTGCGATAGTGGAAATAGACTTCGCACCAAAACGTGA}$ ATCGAGTAGTTCCGACCTTAAATCCGTTACTTGCTTCTTATCCATTTTAAACTCCTTAAAATGATTGGATCGCATTAAAA ATATTACGCGAATAATATTTTTCATTGAAAAACAATACAATATGAAATTCTTGGGTGGTGGTAAGGTGTTTTATGCTGT TATTTTTATGCGCATTCTGTGTCTCCTGAATTATCACGTAAAAATCAGACCTTAAAAATATCACTATTAGTACTTGATTAT TATTTTGAACGCATTTATAAAATTATTACATAAAAATAGCGAATATTGCTAAAAATCCCCGCCAACGATGTGTTGACGGGG  $\tt CTGTTATTATTTTGGCAATAATACTCCGGTATAAGTATTTACCGGATGAGAAAGATATTGTTTAACGGCAGTGTTAACAT$ TCTCTACCGTCATTTGTTTCAACAATTGCTCCTGCTCAGTCCATGCTGCAGGATCGTCATATTGAATAAGACTATTTACA TTGCTCACTGATCCCTTTAGCCAGACGCTTAACCATCACTTCATTCGCTAACGTTAACAGTTCATCATGTCGTTCTGGTT GACAAGTAAAAGCCAGCAAATGACTGATATCTTTGGCCTGAGGATCAACCGAGAGGCGAGAAGAAACGCTGTATGCTCCA GATGCCTGTTCACGAATATTAACACGTAGATCTTTTGCCAGTGCGACGTTAAAAGCATCGAGCGCCATACGCGTCGGCAG ATTAACAGGTGTCCGGGAATCATAACGCTTCCACTGTGAAACCTGTGCCACAGGTTCATTTTGTTCTTTTACAGTAACCG GTAATTAACGCCACGAGTTTGTCTTCTGCGACATTACCGACAATGACAAACGTGATATCCGCTGGAGATGAAAACAATTG  ${\tt GCGATCGGCAGCCAGCGCATCTGCGGCAGTAAACTGTGCAATCTGATTTTCTTGCAGTAATTTCGTGCGGTCATCAGCAT}$  ${\tt AGCGCGTCTCATACATCTGCTGGGCGAATTTCTCCGCTGGACGCTGGTCGAGCGTTTTCAACGCCTGAATTTGAGCATTT}$ TGTAGCGATGCCCAAATATTATCGTTAATCGTGCTGTGGGTGATTCGCTGGTTAATCAACTGAAAACCAGGTTCAGGGTT  ${\tt ATTAGTCCGCGCGCTAACGGAGGCAACGTATTCATGCCACTGACTTTACTGCTCATGGTTACCGAATTTTCCGCACTCC}$ AGCGTTTCAGGCTGGAAGAGGAGAGTTCGCCAACGCCGCTTCCGCTAACTGCTTTATTTGCCAGCGCGATAAGTGATTTTTGCTGCGCAGGGAAACTTAAATCGCCTTTATTCGATACGGCAATAATTTGTAGCTTTTTGCTCTTCACCCGCGGATTTTGC  ${\tt CAGAATAACCCTGGCACCATTGGAAAGTGTTAATGATGTCAGATTCTCCGCCAGCGTTTCTTTGCTGCTAATTTCCGCCT}$ GTGGGTCTGCGTCTACTGTTAACGATAAATTTCTGCCTGGGAAGACGTAAGCCGCCAGCTTTTTGTTGGCGTACTCCTTT TCCAGCGCCAGGATAGCCGCAGGAGACAATGCTTTTTTGGCGGCAACCTCATTGTTTACCATTTGCTCCCAAAATGCGTC  $\tt CTGGTTCTTTCTTAACTGCTGCCATTTTTCCGCCAGACTTTGCACGGTAATTTGCTGCCACAGACGTTTCGAAAGTTGAT$ ATGTCTCTTCCGGCGACAAGAACGCCGTATTATTTAATGAGCTGGATGCCAGGCGACTGGTCAGCATACGTAAATCACGT TCAGCTTGCTGATCAACCGCATTTTTCAGCCAGGTGAGGCGGGTAGATTTGACATCATCGAGTTCTTCAGCAGAAAAACC ATGCTGATCAATGGTTGCCAACTCTGCCATTAATGCATTCGCAGCATCCTGCATATTATCGTCTCGTGCATTTACACGGA AAAACAGCGACTGATAATCGGGTGCAATTTTAACGCTGCGCGCAGTGCCGCCAGAAATAGTCTTCAACTCGCCCGACTGT ATGCGTTCCTGCAGACGTTGATTGAACAGCTGAACTAACATGCTCCATTCAGCTTGTTCGATAAAGCTTTGCTCATCGTT AGCGCCAGCGCTTCTTTACTGTCGATATCGCCGACCACGATAAAGGTCATATTATTTGGTTGATACCAGCGTTGATAAAA  ${\tt TTGGCGCAATTGTGCCGGTGTGACCGTGGCGACAGTATCCATCAGGCCGATAGGTTCACGGTCTAAATTACGGGTATTTG}$ CGTTCAGCGTCTACTTCGAGTTTTTCAAAGGTTGCGGCATTACTCCATTCACTGAAGATTGCCATCACTTGTTGCAGATT TTGTTTCTGCGTAGTCGGCAAACTCACCTGATACACCGTTTCGTCATAGCTGGTATAGGCATTAACATCGCGACCAAAAC GCAGGCCCATTGACTCAAATGTTTCGATGACTTTATTACCCGGCCATGTTTTTTGTGCCGTTAAACATCATATGTTCTACA AAATGAGCCACGCCGAGCTCATTGTCTTCCTGCAATGAACCGGTATGAATTTGCAGCCATAAATTTACCTGATCCTT TGGATGAGCATGCGGATAAATCATATATCGCAAGCCATTGTCCAGTTGCCCGGTAATTAACTTTTCATCCTGCGGTAAGG  $\tt CGGCGGCAATCAGCCGCCGGGGAGCAACAGAGTTGCCACTAACGTCAGTAAGAAACAGAGGTTTCTCATAATTATCTCC$ ATGCGAAAACCGGGCGAATTTACCCGGTTAAGTAAAATCCGAACTATTAAAATTTCATGCTGACATCAAGCCAGAAAGTA  ${\tt CGGCCACTGGCGTAGGTCGCCACACCGGTGTTCGTTGTATCAACAGCGGTTTTGCTATCCAGTACATTGAGAATATCGGC}$  ${\tt ACTGATCGTCAGGTTTTGTTGCAGAAATTGTGGCGTCCAGGACAAGCGGGTGTCCCAGGTCAGGCTGCTATCCAGTT}$  TTTCGTCAACATACTGCTTGTAATCTGAATATTCGCTGATGTATTGCGCATTTTGTCTTACCAAGGATAATGCGAGCTTTA  $\tt CGCGCTTCTTGCCAGGCCAGCGTATTCGCCCACACTAACCCGCTCGGTTGATGCGTGAAATCCATGTTTAAGGAGATCTT$ TAATGGGTTATTAAAATCTGCCACTGGAACGCTATCGTAAGAGACCAGATTACCGTTATAAACCACCTGGTTATCACCGG TATTGCTCTCCTCATAACCATTGTTTAACGACAAGTTGCCCTTGCTCTTGATATAGCTAAAGACAATTTGTGGGTTAATA  ${\tt TCTACCTGGCGGATATGCAGGGGTTCGGCCAGTTCAAAACTGAGGCTGAACGAATGCGTTTTGGTTTTGCCATCGTTGTT}$ ATATTCAGTAATGGTGGTTTTAGTCGCGCTGTCGGTACGACTGCTTTTGCTGATTTGATCATGCGCTTCACGGTAAACAT AGTTTGCACGCGCAATAACGTTCTTACCGATTTTCTGCTGCAATCCCATTGCCAGTTCATCGTTATAAGGCGTTTTCAAA TCCTGATAACGCGTCAGAGTTTTATTACCTGATACCGATTCCGTCCAGCTATTGCGGATATCACGTAATCCCATATCAAG AATATTCCCGCCATAGTAACGGTTATAACCTGCTGTAATCATTGAGGTTTGATTAGCAAAAATATCCCATTCCGTCATAA AGCGCGGGGAGATATTGTGGTTTGACAGATAGTTGTCATAGTCATACCGCACGCCGGGCATTAATGACACATTACGCCAG TTTCTTTCCGGCAGCATTAATCACATAGGATTCAGACTGGTTATGGCGTTCAGTCCACGCATCGGAATAGATGTATTCCG  $\tt CGCCGAAGTAGGGTTGATGCGAAACATTACCCACGGCGAATTTTTGCCAGTCCAGGCGTGTTTTGAAGGTGTAATTATCT$ ACAGCCTGGGAAATGTGTCCTAATCCGCCACGGGTGCAACGCCCTGTAATATCACCATATGTACATGAAAGTTCGGTGTA GCGTATCCATATCCCATGCCAGACCATAGGATTTATTACCCATTTCGCGATCAGACTGCGGGGAAGGTGCTGGTATTATAA TCACGGCTGGAGCCGGTATATTTTAAGGTTAAATCGTGGGTAAAGCGGTCGCTGGCAAACCAGGTAAATTTGCTTAATGC AGTATCGATAACGTTTTTATACTGTGCCCGACCGGCGACAATGCCGTCATTCGAAACATAATCCGCGCGGGTGATATCAG  ${\tt ACTGGCGGCGCGATAAACCGGCGGTAACGCCGAAGTTATCAGCGAGTTCCTGATTAAACGACAAGGTATAAAAGTTCTTT}$ TTAAAATCTGGGGAGTAATAAGTACTTCCTGAAGAGCCTTGATTAAATGCGCTCTTGTTATTCTCATCGATATGCGATGT TAACCAGTCCGAACGCGTAGTGCGATAACCCAATTTCACCTTGCTATCATCAGCGTTGAAGCGTTTGATCTTTGCATCAA TTACCCCGCCATTGAAGCGACCAAATTCAACCGGCACAAAACTGTCATAAAGCGTCACATTGTCCAGTAAGCTGACATCA  ${\tt AGATAATACCCCTGTGACATCCCGCTAATATTGGTTGCACTACTGGCATCGGACTCATTCGCTGGGTTCAGGTTATTAGT}$ TGCACTAATACCGTCAATCAAATAGGCATTCTGGTAGGGCGACGCACCGTGAATAGAGATTTTCTCAGGGCGAATATCTC  $\tt CCGGTCGGTAAACGCTCGATGCTTTCACTGGTGTAATGCGTGTTGCCGTTTACGGGTACAGGGACAGGAGCATAGACCGT$ CATCTCTCAAAAAAATGCATGTACATGTTTTTGTCATCGACGGCCTGCGCCACATCAGCGCCACATAAAATGACGCCAG GAATAAGAACTCGCTTCATTTATTTATATCTCCGTACAGCAGGGCTTTTATTGTTTTTATAAAACCGCGCTAATGTCACA AATATCATCGGCCAGGTTCCAGACACCGGGTTGATGTGTAACCATAATGACGCCGCTTGTGGGTAGTTTTTCACGCACTA  ${\tt AACGCAGTAGCGGATAGCCTCTTGTTCCTCAAGATGAGAGGTAGTTTCGTCAAGAAATATCCATTTCGGACGTCGTAAA}$ ATTAATCGTGCCAGGGCGATACGTTGTTTTTCGCCGCTGGAAAGAATATCTCCCCCAGCGATCGTGGTCATGAATACGCGC AGCCAATTTCCCAAGACCAACCTGATGCAGTACTTCGCTCAACGATTTATCGTCTACGGGCAGGGGAAGTGCTTTACAAA TAATCTCTTTCAGTAAGCCGGTTTTGATTAACGGTGTTTGTGACACATACCAACTGTCAGCAGGAAGAAATATCACCT TTAAACCACGGCCAGCAGTGGGATAATGTTTTAAGCAGTGTGGTTTTTCCCGCGCCAGAGTAGCCTTTCAGTAATAGCCA TTTGCCTGGCGAAACATGAAAGTTCAGGTTCTCTAATATGATCTTATTATCAGGCGTACGAATACTCGCATCAGCCACTT CGATTTCATCAGTCCGCCCAGATTGATCTGCCCGCTAATAAACTGCGGCAATAACAGAAAGTAGGGAAGAACGCTAAGCG AGCGCGAATAAATATTCTGCCAGTAATCAAGCCACCGCTGACGATTCATTAAACGATGCCAGTTCTCTTTAATGGTATGA AAGATTTGTTCGAAATGTCGCTTCGCTACGTTGTTTTTCCACATTAAGCGGACGAATACGTTTACCCACCTTATGGGTAA ATAAAGTTCCACCGATCACAATGAGCACGACGGTATAGACCATATACCCCTGGATATTCCATTCTGTTCCACCAACAGTG AATGAGAGCGTACCCGCGCTTTCCCAAAGAATAACGGTAAAGGTGATCAGCATGCTAAGTGACTGGATGAAGCCAAATGA  ${\tt AAGACTGAGCGTTTTGCTGATCAGTAAGAGAATGTCTTCAGCGATACGTTGGTCAGGGTTATCTGTATTTTTATGCTCGC}$ ATAGTCAGTAGTTTAATTAACCATGTTTTGTTTACGGATATTAATACAAAGATCCCCAGCAGGGCAGGGAACCAAAGGAC AAGCTGCCAAAGCTTATCGGTTTCTTCTGGCTTAGCGCATTGAAAAAATCATTATTCCAGTCGTTTAACCAGACCTGAA TTTTAACCACGCCAAGGATCATGGCGAGGATAATAATGATTAACAACACTGAAGTTTTATTATTCTTACGCAGCCAAAAG TATTTCATTTCAGTGGTTATGGTTATGCTATTGATAATCAAGGATATTGCTAATGCCCTGATGCATACCACGTAAGCCA GGATTTTCGCAAGGGAAGATGATGACGAAACACCCGACAGGAATTTATGTCGGGTGCCTTGTTAAGGTCATAAGAAG  ${\tt GAGGCTAAGAATGGAGTTAAAAGAGAGCGTTATTAATTATTCTCCATTTGTTTTGCAACATCCATAATGTGGTAAAGCGG}$ TACTCTGTTCTTAGCTAACTCTACCATGGCGTTCATATAAGGTACCATGGTTGAAAAAAGGATTTTATAACCTTCGCAAA AATAAGAAACAGTCTCATTGTTTACTTTAGTAATACGATGCTTAGGACAACCGCCATTGCAGATAGGTTTATATGCACAT TGCTGACATTTCGCTGGAATCCGTTTTTTTTTGCGCTGTCAGTTGTACACTGTTCATCGTTTTGAGTTCAGATTTATTAAT GTTTCCAATTTTGTACTGTGGATAGACAAAATGGTCGCATTCGTAAATGTCTCCATTACTTTCAACAACCAGATTATCCT TGCAGGACTCCTGGAAAATACAACTGGTATGCCCATTCCCCAAAAAAACGGCTGACAAAGCTTTCAAACTGACGGATGAAA ATTTCACCCACATCGTTTTTAACCCATTGCATAAAAATGGTTGACATAAACTTGCCATAAGCCGTGGGAGGCACAGAAAA ATCAATGATACGGAATGTGTTCTCACTATGACCACTGAAATCAATATTCGGCGTCCCGGTTTCTAGCAATTCGATAAATT GCATATGTTTACTGCCGATAGATTTTAAAAAAATGATAAACCTCAAGAGGGTAATGGACATTAACGTTATTAATGACGGTT AACGTATTAAACTCTACTTGATATGATTTCAGACGCTCGATGGCTGCTATCACTTTTGCAAAAGTACCGTTACCTGAATT CACACCATTCATTATTCAATAAAATGCCATTCGTTTGTAATGCATTAAAAATACGTTTTTGGCCTGCATAGCGTTGTTGA TAGTGAATAACTTTACGGAAAAAATCCAGGCCAGCCAGAGTGGGTTCACCGCCTTGCCAGGTAAAATAGACCTGATTGCC TTTCAAGGTAAAAACAGTAATCACATTTGAGATTACATTGAAAACTGGAGGGCTTGGCTGTAACGTGCATCGCTATCTCG  $\tt CTCAATAAGGCGGCGGAAAAATCCGCCGCATGAAGGTTTAGTTATTTCGCTTCGCTTAGTGCTTTCTTGATATTGTTAAA$  $\tt CTTCTCCTGATTTACCTCGCTAAGCGGTGGCTGCTGTCGATAAACTCTCTTACCACGCCTTGCATCTCTTTAACGA$  $\tt CCTGCGGATTGGCGGCGGCAAGGTTATCTTTTTGCTGTAGATCCGTCAGTTTGTAGAGACCTAACTGATTGTTTTCTACT$ GTATAGACAAGCGAATAATCGTTATTTCTCACCGTATAAGAGAATTGGCTTAAGTCCTCAGTGTTGGGGTTATGCGGGTA ATCGTCTGACTGATGGCGAACAAATTTGTGGTAATTATCCCAGAATGGAATATTTTCCTCGTCAAACCAGTGAGAATAAG AGGTTATCCAGGTCAGATTTTTATGTGGCTCGCCTTGTTTCTTATCTTGCAACCAGGCCAGCAAGGAAACGCCATCCAGC TTAAGGTCTTTTGGAATGCTGATATCGGCTGCATCAAGAGCTGTCGGGTAGAAATCCATTGCGGAAATCAGCTTGTCATA ATTACCGGGTTGAAGTTTTCCTTTCCACCACATAAACATTGGGGTGTGAGTACCGCCAGGATAGGTCTGACTCTTATAGC TACTGTCCGTTTTTCTCAGTTGTTCGAGAATGCGTTTTACACCCTGATCAACAGAATAAACGGAAGCGTAGTAGTTATC TGCTGTTTGACTACCGGTATTAAATTGCTTCTGATATTGATCCGGTGCAGGATTATCATTTGGCAGGTGCGGAGCATTAT AAGCCAGGTAAAGCATAAAAGGCTGGTCAAGTGTTTTTGGCACGATCAACAACGCCAATTGCCTCATCGGTTAACTGATCG CTGATATAACCTTTTGCGGGGGACACGTTCACGATTTTTGAACAGTGAAGGGGAGTTGTAATATGCCGTTCCTGCAGCGTG GAATCCCATAAAGTAATCAAAGCCACGGTTTTGAGGTTGCCATTCTTCCGCAGAAAATGTGGTGAAGTTGTCATGATAGT  $\tt CACGCGTTTGTTTATCTTCCGGTACCGGCACATTACTGATTTTTGACAAGTGCCATTTACCTACTGCTGCAGTGTAATAA$ TTGTAGGTATCGACAACTTCACGATTTTCCATTGTTTTTTGGGTCAAAAGATCCCTTATCAAAAGGAAGTTGTCCATAACC AAGATCATCCATGGTCAGTACGATAATATTTGGCTTTCCTTTGGTACTGTATTCTGTCGGCGTAAAGTCTGAGAAAGCAA  ${\tt CGTTTGTTTTGGTTGCTTTCAGCTTTACATCATCTGCCGCATGAGCAGCAAATGCAGCCATACCAGATGCCAGTATCAAA}$ GATATCGAGGTACTTACGACACTTTTCTTTAATGCAGACTTCATAAATGTTCCTCTTCTTATTGTACTTAATTCCAAAGT AAACAGTCCATAAAGCGTTGACATTACTTTCTGTTCTATTAAGTAATTTCTCGCCGATAAACAACTAATTTATTGATATT ATATGTGATGGATGTCACTTATTTATTTCAATAAATATATCGCCTAAAAACAACGCGGGGCAGGGAATGGCTGCCCCATT TAATTCTTACGCAGCGTGTGTGGTTGACTACTCGTTAGCAAATAATCAAATAGCTAAAGCATTCATCGTGTTGCCCGTAT TCATACCCGTGTGACATTTGACAACGGTACTCCTTAGAAACTCTCTTCGGACTGTTGCCGAAATGTTTGCGGAACGCATAA ATAAAATAAGATGTACTGGCATAACCACATTGTTCGGCAATTTTATTGACTGAACCTTCTACGCGTATCAAATTTTTTTGC

GTGCTGCATTCTTGCATCTAAAAGAATCTGTGAGAATGTCGTTTGCTCTTGCTTAAGTTTTTTCTTCAACAGGCTTTCAC TGATGTACAGGCAGTCACAAATATCTTTCAGCTTCCATGGGTGCGCCGGCTTCATGTTGACAATATTTCTCACTTTCCCA GAAACGGATAGCACCCTTAGTTAATAGTGTAATGAAACCTTTGCATGCGGCAAAAATAGACAGGCAAGAAAAAAGCAA AAGTTCTGAAAAATTATGATGATTGCGTTCTTCCGAGTTGAGATAAGCAATCATTTCATTAAGCAATCCAGTCGGTACAT TTGAAGCACGTAAAAACTTCGCAGGAACAGGCACCGTCACTGTCTGGATGTTAGTGCATTGTAGATATTTTTTAATGGTA TTTTCAGTAAATCCGATCTCTTTAAAATGCCGCTCATAAGGTTCAAAATGCGTACGAACAGCGTTATCTACCATCAGGAT CTCGCCGTCAGAGAAGGCGTAATCTTTATCTAAAATGTTAGCGTTGAAGGCATGATGAATAAAATATAACAGAACAAACGA TTCAGCCTTGCAAACTATTGATAATGAAATGTGTAAGATCTCTTGCAATGCGACCCATTTCTGAAATACTCAGCTGATCA ATTGCCGAAAAAATGGCTATCAACGTAAGTGTCAGTAATAAGACAACCACAATTGCAGACATGATTTCTTTATAGTTGTC ATCAGTATGCTTAATATAACAGGCTGGAGAAAAGAGGAAATAGGACTGGTGCTTCAGTACTGAGCGGAGTTTCTTACAGC TGTAGGCAGAAGTTTATATCTTATAGTATGTAGTTTAATTTAATCCATGTGAGCAAATTGCGAAATAATAGTCAATGAGG AATTCTTCTGCTGTGCGGATGACAGCAGAAGAAATGAGAAGAGGCATTAATTTGATGGTTCTAATTCAACCGGAATACTT TTATAGCCAGGAATGCCACTTAATGGATCGTGGTTATCAAGTGTTAGCATGTGATTCGATTCTGGAAAATAGGTCACCAG TGAGCGGTCAGCCATAGGGTAAATGACCACTTTTAATCTATCCATGCGGCGTGAGCTGCGCTTACCGTCTGGCGTAAGCG CAGCTTACTGTTAAACGCTGAAGAGGGATCTTCTAACAGCCCTTTGCTGGTAATGAAATTAGCCTTACCTGACGGCGTCA  ${\tt TCCAGCGCCTTTCAGCAGCTGCATTTATCAGGTGAAAACCACCGGGATGACGGATGCGCTGGTTATAGTCGGCGAACTCT}$ GGCAGCACAGCTTCAATGTCATTGCGAATGCGATCATAATCTTCCACCAGATACTCCCAGGCTACCACGCTCTGGGGTAG TGCTGCCTGCGCGATTCCCGCGACCACTGCACACTCTGATTTCAGCATTACACCGGCGGGTTTTAACACGCCACGCGAGG ACCGGCAGAATATAGCTATGCCGTGCGGTCAACAGATGAGAGCGGTTAAGCTTAGTGGCTACGTGTACCGCCAAATCTAA TTGCGTTAACGGTACAGCGCTCGCTTCCCGATCTGGCATTGCCAGCGCAAAATTGCCCCCCCATGCAGATCAATGCTCGAG TAGTGGGCAGATACCCGCACCAGGCTTGCCAATGTTACCTTTCATCAACAGCAGATTGACCAGTTGCTGTACGTTCTGGG TACCATGTTCGTGAGTGATCCCCATTCCGTAACAGATAATGGTGCGTTCGGCAGCGGCATATGCGTCAGCCAGTTCG GCGATTTGTGTCTGACTTAGTCCAGAAATACGTTCGATATCTTTCCACTCGGAATTGAGAACGTCACGGCGTAGCTCGTC CAATTAACAGGCGCATCATCCCCTTGAGCAACGCCATATCGCCACCAATGCGCACGTTATAGTAGGCACTGGCCAACTGA GTCTCAGAGTTCGTCAGCATTTCAAACGGGTTTTGCGGTGCGGTAAATCGCTCCAGGCCACGTTCCTGTAGAGGATTGAT GGCGATCATTTTCGCTCCCGTTTCACTAAAGCGCGCAACGAAGTCAGCATGCGAGGGTGGTTTGTACCAGGGTTATGCC CAATGCAAATGACTAAATCGCACTTCTCAAAGTCTTCCAGCAACACGGTCCCTTTACCTACACCGATACTCGCTGCCAAA AAGAAAGGCAGCTTCATTGGAAGTGCGGCCCGAAGTATAGAATTCAACCTGATTGGGATCACTATAGCTTTGAAGGCGTG  ${\tt CGCCAATTTCGTCGAAAGCTTGTTGCCAGCTTAATGGCTTGTAACAGTCGCTGACGGCATCATATTTCAAAGGCTGAGTG}$ TACCTGCTTATCCGTGACTTCCCAGGCGATTGCTTTTGCGCCGTTTTCACAAATGTCGAATGACGCACTGTGCTTAGGAT  $\tt CTGGCCATGCACACCCGGACAGTCAAAGCCCTCTGGCTTATTCATGTCAAACATGGCAATAACATCCTGGCGTATATCC$  ${\tt ATCTGCTTACGTACTGCATTCGCTACGGATTTAACAGCACCCCAACCACCTGCAGCACCCTGGTAGGATTCAATTTTTTT}$ CGCCAACATGGATATAAAGAGTAGGGGACTACTCTCTTTCTATTTTTAATCTATTATCGTTAAACAATAGATTAAATAC GATAAGTTAAGCATCATCTCTCATAGTGTTTAAATTAACATATTTTTCAATATAAAAAATAAGACTCTGGCTTCAATTGT GCGCGGATTTTCTTACAGGTGTAGGCTAATAGCCTTCACAAAATAATTATCCGCGCAATTTTCGTGAATGGAGCGCATAG   ${\tt AGCCAGTATTTTCCATTACGCATTAGAGTGACACCCACTCCCGATGCTTTTGTTGCATCAGGTGCTGTTAGCAAACA}$ ATTTCTGCGCTTCCAGGAAAGTCCGGGAGATCCACGGTGACATTTCGACTATCAACGGTGCAGCCGCCTGTTGGCATAAC AACATTGTTATTTGAAATAATATTCCACGTAAAATTACGCGGATTTCCGCTTCCTAATGTTGCAATTTTATACATATGAA TACGGGCAATGACTTCCCCCGCTTTTATGACAACTCCACCGGCCCCCAACTGGGGTAATATAGAGTTTTAACGGTAAT GGCATCGGTGTCTTATCACCAATATCCAATACGTTGGTATTTGTCGTCAACGGGAAGGGGTAGGTCACATTATTCCAGTA CGCCGTAATCATTCCAGCAACTTATATGCTGAGACAAGTCTACAACCAGATTCTGGCCCGGCTGTATTACAGGGTCGAGA TTAACATAAACAGAGGTTGTACCTGCTCCAATACTTGACCCGCCATCGACATTACAACTGAAGGCAAAAACTTTGCCTGC CATTAATAGAAGATAAATACCGAACAGGACCTTTATACTGATTGTTTTACCCATGATATATCCTAAGGTTAAAAATTGAT TTAAAAAGAAGGCTAAGAAAATCGAATCGACGTTATTGCCAGGTGTAGATCACATTGATTAGCGCCTCGATCGTTCCCTG GCTTGCGTTTCCATTCACCGTGATAGCTCTTGCCTTAAGTGGAAACTGTGCATTACGAGTGATCTCATCAACAATAACCG TTTTGCTATCGCCATTTTTTAACGCAGCATCCTGGTCATCCCTCAGCTCTATCTGAATATTTTCGGCAGTACCTTCATTT TTGTAATAACCCGTATTGTCAGTTGAACCTGTCACGATTGCCGTCACTGCACTTGTTTCAACCGGACAATCGGTTAATGA CAAAGTAATATTGTGCCAGCCAGATGCAGAACCAGGTTGTTGCAGATTGCGCGTATAAAGATCCCCGAGATTAACGTTAG GCTGTGAATAACGCGCAAAACGTAGCTAACAGGAACCTCTTGTGAAGTCTTTTCATATCTGACTCTGATTATTGAAATTC AAATATTGTTCTGGTACCAGTGGGATCCACTGCATCCCGGCATGAAGATCATTCACCGGACGCATATTT CTCAATACCGTTAAATGCAACCCGAACCCCGTTGTCCCTTTGCTGCATTCACTTAACGTAATCTGAAAAGGGACGGCTG GACTTGTGCTACCGGTCGTTGGAAATTGTCTGGCACTGTTTTTTTGGAGATCTACGGTAAAATTAAGCGAATCCGATGAG ACTGTGCAGCCATAATCGAGGACGCCCCGCTAATTTTAATAACGCTATCTGCGGATAAAGCAGAATAGGTGGTTAACCC CAGACATAAACCGAGGAAAATAATGTTATTGTATTTCATAATCTATTGTTCCTTAGCGACAGATTGCTGTCTGCTGGTTC AGTAAGGTACCAGGAGAACTTCAGGAAGCTTGTACTCGACAATACAGTTTGAGTTTTTATCTTTGCCCCATGAAACCTG TAATTGCCCTGACTGTGGAAGTCCAGTCAGATAAACCTGACCATTTTCCGCGACAATGCTGCCATTTTTATTCTCTCCGT GTGTGACAATTGCACCGAATGGAACGCTCTTATTACCGTACTTCAACGTCATTAATACTTTCCCGCCGATTTGTGCATTA ATTCGCGTTAAGAGCAACACGGTTTTCTCTATATTCTGTCGCAAATGGTAATATGGCATAGCCACGCCAGTCGGTATGAA TTCCGGTCTGGTTCTCTATTTTGACATTATCAGCACCAGGAGCCTTAACCAGAACCATTGTGTCGCCCAGCGGCTGTCCA AAGGTGATGCCATCAGCATGAGCAATAATCCCACCACTCATTCCGTAATAAATCTGGCTGCTGTCACCACTCCGACTGTA ACCGACATTAGTATTACCATAAGCTCCACGATAATTAAGAGAACTGTAACCACTGGTGCCAGACGATGTATTACCTCCGT GGGTGTTACCGACCTGAACGCTATAATTCAGGTTATTATCCGGCAGCAGAGTGCCATAAACCCCCGATAGATTGGTCATG ACTGAAGGGAACATTAAGCGTAAAAGCGAGTAAATGATCCCGATCGTTTTGCCATATATTATTGGAATAGCTGTAATTCA GCGAAGTCGTAATATCACCAAACGGCACATTTAATCCAAATGATATTTGCTGGTCGCTGCGTGACGTGTTCCAGTAACTT TGGCGACTGGCACTGAAAAATGTCGTACCGTAATTTCCAAGCTGCTGAGAGATGCTTATTTGTTCCTGACCACGCTTACT  $\tt GTAGAACAGATTAAAATAATCAATAAATTGTGTCTCCTCATTGGTGTCTCCCGGTAGGAGGCTTGACGGTGTAACCACTCATTGGTGTCTCCCGGTAGGAGGGCTTGACGGTGTAACCACTCATTGGTGTCTCCCGGTAGGAGGGCTTGACGGTGTAACCACTCA$ TTCGACTGTAGGCACTGTCGGATAAGTTATAAAAACCTTGCGTAGAATAGCGATATCCTGCGACCTGGATATTGGTTCCA  ${\tt CAACAAGTTTATTGCTGCACTTGTTGAAGAGAGTATTTGCAAAAACATTTTATGTCGCTAAATAACATGACGATTTCATT}$ AGTGCAGGGTTTATTAAAGCTGTCCGACAGACTTTCTTAACCTGGTAATATCTCTCTTGGGTGACTCTCCAAACATCCGC ATCTGTCGCCTGACTTCATTGAGACGTAGCCATTTCTGATACCGGAGTGGACTCATTCCCGCTTGATCCGTCCTTAAATA AGAAAAGCACTTCGCATCACTCAGACATGATTTAACATAATATACATTATGCGCACCAATATAAAACCAAGGAAGAATCCA GTCGTTGGCGGTCATGATTGTCATGCTCATTAACAATGACCAAACCCCATATCTCACTTACTACCGTATTCTCGGCTTAA  ${\tt CAGTTTGAGATCGCTGATGTGTATTCCCGTACCGCCAAGGACCGGAAATGCTGAAATGTCGTAAAATGGCGTGAGTC}$ TGGAATTTCATAAAATCATAGCGATCTTTCAGCGCCTCGCTGGACCCCATCAAAAAAGCCATGATCCGCGCGATGCCTGG GCCTCCATCTGATTCATATTTCACCGATGAAGGTAAACCGAATGTCTGACACATATCCTCCTGTGGCAAGCGAAGTAAAA TCCGGAACATTCAACCCAAGTTCTTTCGCCAGCAGCAGACAGTAATACTCATTATCAACGCTTTGGCTGAGATCGAGCGT  $\tt CGCATTGGGCTGCCTGATTTCGCCAATCGGTAATTTAATGATGTGCGTCGTCGGCGTTATTCCTTTCGGAATGCACCAGT$ CATTGCCTATTCTGAGCAGTGCTGTCTTCTCCTGTGCGCCAGCAACCGAGATGCGAAAGTCATTTTCTTCTCTAATCATG  $\tt CCTAGCGGGATATCTGCTTTATAAGCCGTTAATACTTCTTCAAGTCTGGCTTCAGTAAGCTTTTCCCATGCCATTATCGG$ ATGCGTTACGGTTTCGTCTTCGGGTATTAACGTCACGGCACCAACGCTGTCTCGCCCTATTTCTGACAATAAATCAAACG GTTGTCTGGATTTGGCATGATAACGTTTAACGATCCGGTCACGTACAATCGGGCTATCGGGTAACAGGTTATCGAAGAAG TTAAATACGGCATCAGAGGTGATATTCCCCCTCTGCAATGGCAGCGAAAGTGACAACGGTCTGGCATAACGGCTTGCTAA  $\tt CCACTCCGGTGCATACTTAAAGGTGTGCGCGCGTTGGCTAACTTCGTTAACTCGCCTACCCGCTGGTTGTTCATCCAAGGTGTTGTTCATCCAAGGTGTGTTGTTCATCCAAGGTGTGTTGTTCATCCAAGGTGTTGTTCATCAAGTTCATCAAGTTCATCAAGTTCA$ TGACAAGTTTAGGCATTACCACTCCAGATTTTGCTGTTCTGTTGATTCTGGCGAGGCATTTTTCGCGTCGCATAGCGTCA TTGAGAGTTCAAGCGACTGTAAAAATCTTAAAAAATGTCGTGAGCGTGGTATTGTCAGGGTTGTTTTCGAAATTGGAAATC  $\tt GTCGCCTGCTTAATACCAATTTTTTTCGCCAGCTCGCTCTGCGTCCAGCCATTTTGCTGGCGAACCAGTTTCATTGCATT$ CGCCAATTGCGTTGGGCTATAGATCTTCTGAAAGCTCATCATGTCATACGTCCACAGCAAGTTTATCCGCTTAAGGGGAT ATTATAAGTTTTATCCTTTAGTGAGGATAAGTCAATCTGGAAACACATCTTATCCGCTCTACGGGATAAACGCTGCGATA  ${\tt TCCGCGATCGCGGATAAAAAGGGGGATTTAAATAAGGCGTTGATGCGCCGTTTGAAGTCGGCAATATTAAGCCGCATGCC}$ ATCTCGACATGCGGCTTATACGGTTTACCAGCTATATTTCACTCCCAGCATGCCCTGAGTATCGCTATAGCCTTTATCAC TTACGCGCACCTTCACGGCCTACGGTTTGACCATTCATCTTCACGGCGTAGACTTTGCTATTGTTGATCCAGTTCGCTTC TTTGCACATTTCCGTCGCCTTCCGTTTCAATGCGCGTTCCGTCTTTCCGGGTATGGTCGGAATCTTTCACACCCATCCAG GTGATTTGCGCCTGTGGCTGGACGTACCAGGTATTCAGCGTCCCTTCGCTGCCGCTAAATGTTCCCGCTTCAAAGGTATA ACCAGTTATACAGCGCCCAGCTGTCAACATAAGCGCCGGTCTTATTCGCATCGTTCTGATACCAGGTCGCGTACAGCCCA GCGCTGTAACCGCTGATGCGCCCATCCGATTTATAACCCACACGATTACTCTGAGTATTACTGTGCTGATTGGCGTAGCC TGCCATCACGCCAAGATGCCAGCGATCCTGCGCGTTGCTACTCCACTGCGCCAAATCGCCGCCTAGCTGCAATACATAGC GGTTAGCCTGAGTATTTAGCTGACCGTCACCGGCCCTTGAACGTTCGTGCCCTCCGACATGACGCATCCACATACTGCTT GCCGACCCCTGAGAATGCAGTGAATCTGTATACTGCGGCTCACCCAGACGGTCGTGTAAACGATGGCTAAACAGCGAGTT GGCTGCGGCAATGTTGCTGATATAGCTTCCGGCCTCCGGGCGATAAACTGATGGGCCTTCCGGATCCACAACAGGGGGGAT TATTGATGGGATCGGGTGTATCCGCCGTTACGCCGTCCCATTTACTGGTCAGATACCAGTTTTTCTCGTCATTCCCC  ${\tt TTCCCTTTAGCCAGCGTGTAGACGTAAGCCCCAGCTTCGACAGTTCCGGTGGTCAGCGCGAAGTTACCTGCAGAATTACCAGAATTACCTGCAGAATTACCTGCAGAATTACCTGCAGAATTACCTGCAGAATTACCTGCAGAATTACCTGCAGAATTACCTGCAGAATTACCTGCAGAATTACCTGCAGAATTACCTGCAGAATTACCAGAATTAC$ GCCAACCTCAATGAGTTCAATACCGTTGACCGTTTGTGCACCGACGCCGACTGTTATCAACCCGAACGCGAGTGTTCC TTGTTTCCGGTATAGTTGCCGTTAACGGTCAGTACATTCCCCGGTTTCCCCCCTTCGCTATTCATTTGAACCGTGCCGCC ATTCTCCAGGTTGCCGCCGATAGTGGTTTTAGCGACACGCAGTGCCCCCCCAGGCATAACGTTCATATCACCTGCAGTG GTGACATTTCCCGACATCACACCGCTGTTATGGATATTAATGTGTTGACTTGCCATATTAATGGCAGAGTCGGAACCGAA AGCAATTTCCCCCCCCACGATATCCGTCGTACCCTGATACGCCGCGGAATCGTTGTTAAGAGTCAGGATCCCGGTACCCA GTTTTGTCACATCACCGCTACCGCTGATACTGTGCGTCATCGCCCAGCTACGCTCAGTGGAGATGGTGAGCAGGCCATTA TTGATAACGGAAGCATCACCCAGGTTTTTCTGCTCGTTGACGCTGAGCGCGCTGCCTGTATCAATGTTGAATTGCCCCAC AAAGCGGCTATTATCGCCATCCAACTCTACATCTGTCCTGGCGGTTGCGCTCACGATACCCTTCCCGCTTATGCTATTAC GCAGTTCGCCAGTCACGTTTTTTAGCGTTAACAGACCGTCATTGGCAATATTTCCTCTGCCTAACCCCTGAGTATTATCG

AGGCTGACTTCCGCATTTGGGCTAATGCTGGTTAACGCATTGTAGCGTGCATTAAGCCCCTCGATAGCCAGCGTTCCCCCACAAAACAGTCGAACCCATCTGCCCGGTGAATGTCTCTACCGTCTGCGTCGATCCATTAAGATCGACGATGGCCGCGTTG  $\tt CCGACATATCGGCCGTTGCGCCATAGGCTCCGCCATGTTCGGCTAACGTCAGCTTTTGCCCACCATGGATGTTCAGCGCTAGCGCTAACGTCAGCTTTTGCCCACCATGGATGTTCAGCGCTAACGTCAGCTCAGCTTTTGCCCACCATGGATGTTCAGCGCTAACGTCAGCTCAGCTTTTTGCCCACCATGGATGTTCAGCGCCTAGCTCAGCTCAGCTTTTTGCCCACCATGGATGTTCAGCGCTAACGTCAGCTCAGCTTTTTGCCCACCATGGATGTTCAGCGCTAACGTCAGCTTTTTGCCCACCATGGATGTTCAGCGCTAACGTCAGCTTTTTGCCCACCATGGATGTTCAGCGCTAACGTCAGCTTTTTGCCCACCATGGATGTTCAGCGCTAACGTCAGCTTTTTGCCCACCATGGATGTTCAGCGCTTAGCAGCTTTTTGCCCACCATGGATGTTCAGCGCTTAGCAGCTTTTTGCCCACCATGGATGTTCAGCGCTAACGTCAGCTTTTTGCCCACCATGGATGTTCAGCGCTAACGTCAGCATGTTCAGCACATGTTCAGATGTTCAGATGT$ TTCAGCCCATAGTTAACGTACAAACCATTACCTGGTGCGGTCGTGAGGCGGAATCCATAATCACCCTCGGCGACCACCGT TCCGTTTTGCGCAATGTGTAACGTTTTGTCCGCTTCCACCTCGTCGCCCTGTAAATCACGTAACGTTAATGAGCCACCCG GGGTTATTCGCCATGGGATCATTCCACGGTTTAGGCACGTCGATAAGCACGTCGCCCGTCCCGTTTACCTGATAGTTACC GCCTTTCCAGGTGTAGTCACCCGCGCCGACAACCAGCGTATCGACGCTGATATATCCCTCCGCGAGCGTCGCAGCAGGAA TATCCGTATCGAAAATGATGGTACCTCCATTCATGGCCAGTCCACCAATGGATTGCTCTCCAACTTTTACCGATGTGGTA TTTTCACTGTCAGACTGCAACATCGCGTGAGTAAGCGCAGCGGTGTTGTCGCGTTCCAGAGTGAAGGTACTGTCTTTCAG GGGTTTGCAATGGTTACTTCACTCGACCCCATGCCCGTTACCCCATCTGCCGTATGAGACGCAATGGTCAGGAGGCCGTC ATTGACCAGCGTTTTACCGCTATAAGTATTCCCTGCATTGAACACCGTATGGCCTGCATCATGGATCACTTTTCCGTCTT TATCGTCACCTGTAATCAGCATATCGACCTGGTAGCCGGCATCACTGTTATTGGTATGATTAAAGACAAAAACGCCTTCG  $\tt CCAAGACCAAACTCCACTTTCGTCGCATTGGTGATAAATCCGGCATCTGCCGCCGCCTCACCGTGAGCAGCACCAATGTT$ TAGCGTTCCTACAGCAGGCTCAAAAACACCTAAGTAAACTTCTCCACCTTCGACATTCAGCGTACCGTTATTCGTCAGGG TTAACGTACCCGTACCAGATGTCCCTACGTACATATTGAATGTTTCAAGAAGAGAGTTCTGCCCATCCACCCTCACGTCG  $\tt CCCTTACTTTGTCATTGAGAGCTATCTGTGTATCACGCGCTTTAACTATACCTCCGGTGGTAATATTCAGTTCACCCGT$ GCCTAATACACCGACCTGTAGCAATTGTGCGTTAGTAGATGATGTCTTTAAATTCCAGAGACTGTCCGTTGAAATATTAA  $\tt CTATCCCCTTACCGGAGGCATTTCCTCCGATAAATCCATAGCCCGTTGAATTAAGGGTGGCACCATTACTGACATTTACGACATTTACGACATTTACGACATTTACGACATTTACGACATTACGACATTACATACATTACATACAT$ ACCGCTTGCTTTATCGCCCAAAAAAGTAATATTTTGCGATACGAACTTACCGCCATCGCTAATATTGAGGTTTCCGACGC GTTTCTCCATAACCGAGTGAACTTCCTCCGTTGCTGACAACAAGCCCCTGATTACTGATATTCATTTCGCCGTGGCCGTC TCCCCGCAGTGATAATTCCCGAATCTACTTTGCCTTCACTCGAGACATTAAGTTCACCGTCGCCAGCATCACCGATATAG ATATAGCGGAAAGCTTCGCCCGTTCCGAGGAAATTCCAATGCCCTTTATCGGTCACGTTGACGACACCGTGGGAACCGTC  $\mathtt{CTGAACGCCCACCAATGAATATTCTTTGTTATTAATCAGTCCATTATTGGAAATATTGACTGTGCCATTACCGAAATATC$ ATAATCGTATTTCAGCCGTAACCAACCCCCCCTCGCGAATAGTCGCCTCCCCAGTTCCTTGATTACCAATTTGAAATTC AATTGAGGAATCATTATTTTTTATTAGCCACTCGCCACCCTTTTCAACGACAACCTGGCCATTACTGCCCGCCTGATAGC CTAAAATGGCGACGATTGAACTCGTGACGTAACCCTTATCCGTAATATTTAATGAACCTGTGCCATAGCTACCTATTTCG AATAATTCGGTCGTCAGAACAGAGTCCTCTCCCTCAACATTGACCGTCCCGACGCCTCCTGTCGAAGAACCTAATCTTAA  $A {\tt TAGCCTCCATCGACGTGACCCTTCTGTTTAATATTCAGCGTCCCCGTTCCGGATTGACCCACATTTAAAGGCCTTGCAT}$ TATTTCCGCTATCATACAATCGCCAGGTGCCACCCAAAACATTAACGGTGCCCTCTGAGTCCTCATTAGCGCCAATGACG GGCATCATAAGCAACATCAGTATCAATATTGGTAATCTGATCATTATCAACTTCCAGACTTGCACCAGACGCTGAACCGC TTAGTGCCAGCAAAACACCCAGCGTCAATCTACTGAATTTCGTTGTCAGTCCAGAGGATTTACGCAAATTAACCGTCGAT GTTTTACCTGCCCTGCGAGTTAATTCCGAGCAGGCCTGAAATACCTGTAGAGTGCAATTCCATATCACGCGATAGATTCT ATTCATATAAACGCTCCATATACAAACAATACAGCCACGAAAGAGATGAGTCGTCAGACATTAAAAATGAAACTTATTAA TAGATTAAAAATTGCATAGTTCTTATTTTATTTAAATATGAACTATGAGTTATTGTTGCTTAATAAGAAAACTGTTTCTT TCAATAGGAAAATTATCATCATCATATTTAACAAAGAATAGCACTAATTGCTAAAAAATCGAAGTTTATTAAACCCCTTTT GCATCCATTAGTGTCTTTAGGAATATTCGCTATAAAATAAGGGTTGTGCTTAATGCTTTAAGAAAAATAGCAATTTTCCC TTGAATATCGTACTGGTGATGGAACGATGAATCTGCAAGCTGGCTTTTAACAAGCCAGCTCTAAAAGAAGGGAAATAAGA ATAACTATACTCAAAAACTAACAGCCACGGTCATCATGATGTGGCTGTCAATGAAACTATAACCCAGGCGCTTTCCATAA GTTCATGCTTTTCCGGGTCTGGTGTGTGCGTCCGTTCCCAGCGAACCAGGCGTTCTCCGGTTTCTGCCATTGATGAAAAA ATTCCGGCACCGACGCCAGCTGCAATGCCACATCCTAATGCAGTGGCTTCTTTGACCACCGGAATATTGACGGGTAATCC CGAGACATCAGCGAGAATTTGACTCCATAATTTCCCTTTTGAACCTCCGCCTGCAAAGACTAACGATGAAGGATGAATAT TCGAGAAATCAGCAATTTGCTGCAAGTTACACGCTGATACAATCGCCGCATTTTCTTCCAGCGCACGGAACAATGTCGCT GGAGAAGATCGCCATTACGCCCCACGACCCAGGCGCACCCGACTGGCCATCTCTTCCAGCAGCGTATAGGTGTCGATGC  $\tt CTAAACGTTCGGCAATCAGTTTTTCTTCGGCACAGAAAGCATCGCGGAACCAGCGCATGGTGAGTCCGGTAAAAAAAGCTT$ TAAATTTACAACTTGCCGCCAGAATGTGCCGCCAAGAACCGCGGTTTGTGCCGGACGCACAACGCCTAACCCAAGGCAAC  $\tt CCAGTCACGGGTGGTTAGATCAAGAAGTCCCGTGGTGCCAGCGTTAGAGGGGATCCACCGCCAGTTCGCCGCTGAGCATAT$  $\tt CTGGGGATGGCACTTAAAGCCAGTGTTTGTCCGGTCGCGCGATAAACTTCGTTTTCAAAGGTATTGTTGTGCAGTTCTTT$ AAGTTCGCTAACTTCGCGTGCCGCTCTGGCATCCACATTGGCGCAGGCCCAGATCGGGGCTCCTTCATTATTATATAAAA CAATGCCTTCACGCATCGAACATGCCGAAACGGCAGCGATATACTCCGGGGCTATGCCGGCGTTGTGCAGCGCCTGGCGC ATACACTCACACGCCAGTTGCCAGTTTTTGTTGAGATCAAATTCCATAGAACCAGGAACGTCCGGTACTGCCAGATGCCG TTCCTCTATACGTTCTCCATCATTCCCGGTAATAAGGTCATGCAAATTTAACTACGTAAAATCGCCGCTGCTGTGTCCTG ATCGGTAACCAGTGCGTTGATATAACCGCCTTTCATTGCAGCGGCAATTGCTTCGGCTTTATTTTCTCCCCCTGCCACGC  $\tt CAACCCGGACGGGTATGGTCTTCAGCGCGCTTAAAGGTAAGCCAATCAGTTCGTTATGTATTTTGATATTCGTGACAACG$ TCACCTTTTGCATCAAAAAGTAGCCTAAAATGTCGCCAACCGCCCCTTTTCGGCCAATCATTAACTGTTCGCCCTGGCT GATATAACCGGAGCGAATGATTGTCGCATCGTCCTGTTGACTCACAGCACCAATGCCGACAATCGCCACATCCGCTGCTT GCCGGAATAATATTCACACTGCACGCCGCGTTAAGCTGCCCGATTCCCGTCATATAAGAACCGACGCCACCGGAGAGCGT GACCAGGCGAATTTGCTGTGACGAAATAAAACCACTTAAGCGTTGCAGCGTATTCATGGTTGCCTCGCCAAAACCAATCG GCAAGCCCAGGGATCACCCGGACATGTTGCAGCGAAAACTGACGTAATTGAGTTTCATATTCCAGACAGCCTTCAAA GCGAGAATTAATCTGTACGCGAATAATGCCGGACTGATGCCCTTTCTCCAGCAATCGCGACACTTTCAAACGTGTCAGGC CAATTGTTCAGTTCTTGCTCATTTATATCTGTGATGGCAACCACAGTTTGACTCTACGAGCATGAACAAACGCAACCGTG AAAATCAAAATAGCATAAATTGTGATCTATTCGTCGGAAATATGTGCAATGTCCACCTAAGGTTATGAACAAATTAAAAG  ${\tt CAGAAATACATTTGTTCAAAACTCACCTGCAAAACTGAACGGGGGGAAATATGCAAACGAGTGATACCCGCGCGTTACCGC}$ TACTTTGCGCCCGCTCGGTTTATAAACAGTATTCAGGGGTCAATGTCCTGAAAGGCATCGATTTTACGTTGCATCAGGGG GAGGTCCACGCCCTGCTCGGCGCAATGGTGCCGGTAAATCGACGTTAATGAAGATTATTGCCGGTATTACCCCTGCTGA TAGCGGTACGCTGGAGATTGAGGGCAACAACTACGTCAGATTAACGCCAGTTCATGCTCATCAGCTGGGTATTTATCTCG TTCCCCAGGAACCGCTGCTTTTCCCAAGCCTGTCGATAAAAGAAAACATCCTGTTTGGGCTGGCAAAAAAACAGCTCTCC CGATCGCCAAATGGTGGAAATCCTCCGCGGGCTGATGCGCGACTCGCGGATTCTGATCCTCGATGAACCTACCGCCTCGC CATAAGCTGCCGGAAATTCGCCAGATTGCCGATCGAATTAGCGTGATGCGCGACGGAACCATCGCCTTAAGCGGCAAAAC TATGGCTGGAGTTACCTGGTAACCGCCCACAACATGCCGCCGGAACGCCGGTGCTGACACTGGAAAATCTGACCGGCGAA  ${\tt ACTGGCCGAGACGCTCTATGGTCTGCGTACTTTGCGTGGCGGACGCATTATGCTGAATGGTAAAGAGATCAATAAATTAT}$ CTGGCCTGGAACGTCTGCGCCCTTACTCATAACCTTCGTGGATTCTGGGCGAAAACCGCGAAAGATAATGCCACCCTGGA GCCCGTAATGATATCTACCAGCTGTTGCGCAGCATCGCCGCACAAAATGTGGCTGTGCTGCTTATCTCCTCCGACCTGGA AGAGATCGAACTGATGGCAGATCGTGTGTATGTGATGCATCAGGGCGAAATTACCCACTCTGCACTGACCGAGCGCGATA TTAATGTCGAGACTATTATGCGCGTTGCCTTCGGCGATAGTCAGCGTCAGGAGGCGTCATGCTGAAGTTTATTCAGAACA TACCTGTTGCTTGTGTCGCGACTTTACTGCTTGGTTTGCTCGCGGGATTTTTCAACGGTGTCCTGGTCGCGTGGCTAAAG ATCCCTGCCATTGTTGCCACCCTTGGCACGTTAGGGTTGTACAGAGGCATCATGTTGCTGTGGACTGGCGGCAAATGGAT TTCTGGTGGCATTTATGCCTGGCTGCTGGCAAAGACGCGCTTTGGACGCAGTTTTTATGCCACGGGCGATAATTTACAG  $\tt GGGAATTGTGTTTGCTTCGCAGATTGGTTTTATCCCCAACCAGACCGGTACCGGGCTGGAGATGAAAGCAATTGCAGCCT$ GGTGTTTGATGGACGCCTGCGTTGTGCGCTGGAACGTAATCTACGGCGGCAAAAATATGCCCGCTTTATGACGCCACCGC  ${\tt CCGCACTGCTCGTTATTGAGATTTGTCGCATTTGGTGCAATTAACCCGCGAATGTTAGATCTCAATATGTTGCTGTTCAGC}$  ${\tt ACCAGTGACTTTATCTGCATTGGCATTGTCGCCCTACCGCTAACGATGGTGATTGTCAGTGGCGGGATCGATATTTCGTT}$ TGGTTCGACCATCGGCCTCTGCGCCATTGCATTGGGCGTACTGTTTCAAAGTGGTGTGCCGATGCCGCTGGCGATACTCC TGGTGGATTCCCGATGGCGTTTACAGATTTCGCTAACCTGGATGTGCTGGGACTCCCCGTTCCGCTGATTATCTTCCTGA TATGTCTCCTCGTTTTCTGGCTCTGCCTGCATAAAACCCATGCCGGACGTAATGTGTTTTTGATTGGGCAAAGCCCGCGC GTGGCGCTTTATAGCGCGATTCCAGTTAACCGTACCTTATGTGCGCTCTATGCCATGACGGGGCTGGCGTCTGCGGTCGC TGGTGCTTGGCGGGGCCATATTTATGGTGGTTCCGGTTCCATTATCGGCACCGCCATTGCGGTTTTATTAGTGGGATAT TTGCAACAAGGTTTGCAAATGGCAGGAGTGCCAAATCAGGTGTCCAGCGCCCTTTCCGGTGCGCTACTTATCGTCGTTGT TGCAGGCCGCAGAGCGTATTGCATTTATTCCCAAACTGGTTGGCGTGGGATTTTTTTACCAGCGGTGGCAACGGCGCACAA  $\tt CAAGCGGGTAAAGAGCTGGGCGTTGATGTGACCTACGACGGGCCGACAGAACCCAGTGTTTCTGGTCAGGTACAGTTGAT$ TAATAACTTCGTCAATCAAGGTTATAACGCCATTATCGTTTCTGCGGTTTCGCCTGATGGCTTGTGTCCGGCACTGAAAC GCGCCATGCAACGTGGTGTGAGAGTGCTGACCTGGGACTCTGATACTAAACCGGAGTGCCGCTCTTACTACATTAATCAG GGAACGCCCGCCCAGTTAGGAGGTATGTTGGTGGATATGGCGCGCGTCAGGTGAATAAAGACAAAGCCAAAGTCGCGTT TTTCTACTCAAGCCCCACCGTTACGGACCAAAACCAGTGGGTGAAAGCGAAAGCGAAAATCGCCAAAGAGCATCCAG GCTGGGAAATTGTCACTACGCAGTTTGGCTATAACGATGCCACTAAATCGTTACAAACCGCAGAAGGAATATTAAAAGCG TATAGCGATCTCGACGCCATTATCGCCCCCGATGCCAACGCCCTGCCCGCTGCCGCACAAGCCGCAGAAAACTTGAAAAA GCCTGTGGGATGTGGTTCAGCAAGGCAAAATTTCAGTGTATGTCGCGGATGCATTATTGAAAAAAGGATCAATGAAAACG GGCGACAAGCTGGATATCAAGGGCGTAGGTCAGGTTGAAGTCTCGCCAAACAGCGTTCAGGGCTATGACTACGAAGCGGA TGGTAATGGCATCGTACTGTTACCGGAGCGCGTGATATTCAACAAAGAGAATATCGGCAAATACGATTTCTGATGTGCAT TACTTAACCGGAGTAAGTTATGGCAGATTTAGACGATATTAAAGATGGTAAAGATTTTCGTACCGATCAACCGCAAAAAA

ATATCCCTTTTACCCTGAAAGGTTGCGGTGCGCTGGATTGGGGAATGCAGTCACGCTTATCGCGGATATTTAATCCGAAA GATGACGCCGTGCGCCTGAACAGTTGCGCGGTGGCGCGCGAGGTTTATATCGGCAGCGAATATGAACATCAGTCGATCAA AAATATTATTCAGCTGGTTGATGCCGGAATGAAAGTGGGAATGCCGACCATGGCCGTGACTGGCGTGGCCAAAGATATGG TGCGCGATCAGCGTTATTTCTCGCTCGCGACTCGAATCGCCGCTGAAATGGGGGCGCAAATTATCAAAACCTATTATGTC GAAAAAGGTTTTGAACGGATTGTTGCCGGATGTCCGGTACCCATTGTTATTGCTGGCGGTAAAAAATTACCGGAGCGCGA GGCGCTGGAAATGTGCTGGCAGGCTATCGATCAGGGCGCTTCTGGTGTGGATATGGGGCGTAATATTTTCCAGTCTGACC ATCCGGTGGCGATGATGAAAGCCGTACAGGCGGTGGTTCACCATAACGAAACGGCTGATCGGGCATATGAACTCTATCTG  ${\tt AGTGAAAAACAGTAACTGCGGATCTAAGGAGAAGAATTATGCACGTCACACTGGTTGAAATTAACGTTCATGAAGACAAG}$ GTTGACGAGTTTATCGAAGTTTTTCGCCAGAACCACCTGGGCTCTGTACAGGAAGAAGGCAATTTGCGCTTCGATGTCTT  ${\tt ACAGGACCCGGAAGTGAATTCGCGCTTTTATATCTACGAAGCCTATAAAGATGAAGACGCAGTGGCGTTCCATAAAACCA}$ CGCCCCACTACAAAACCTGTGTCGCGAAACTGGAATCTTTAATGACCGGGCCGCGTAAAAAACGTCTGTTCAATGGTTTG  $\tt CCCTCTTTATATCTACACTTTTCCGCTGAACGATCGCGTCCGGCGGTGGAGCTGCTTGCCAGAGTGCCGCTGGAAAATGT$ CGAATATGTTGCCGATCTTGGCTGTGGCCCAGGTAACAGCACCGCCCTTCTACAACAACGTTGGCCTGCGGCCAGGATAA TACGATATTTTGAGCGAAGCCGGATGTGAGGTCGATATCTGGCGAACCACCTACTATCACCAGATGCCGTCACACCAGGC GATTATCGATTGGGTGACTGCCACTGGATTACGTCCGTGGTTACAGGATCTGACCGAGAGCGAACAGCAGCTTTTTCTTA AGCGCTACCATCAGATGCTGGAAGAGCAGTATCCACTGCAAGAGAACGGACAGATACTGCTGGCATTTCCGCGTCTGTTT  ${\tt ATTGTTGCCCGGCGTATGGAGTAAATATCACGTCAGCTGGTAATGACGATCGGGAAGAATTTTTGCTGGAATTTCGGCTT}$  ${\tt CATCGTTCATCTGTAACAGGTCAATTTCAATAGCGTTGCAGATGGCATCCAGTGGTAAATCATTGTTTTCAGTACCGAAC}$ GGATCTTCCAGTTCTTCCGCCAGACAATCCAGCGAAATAAAAGTGTAGGAAATCAGCACAGAGATAAAAGGCGTCATGTA AGGGAATTGGCGTATAGGCAATGCGCTCGCATCCTGCCAGGACCGCTGAAATATCATTAAGCCGATCGTTGAGGCTAATA AACAGGATATCTGAAAGCTGTCCATTGCGGCGCTGAACCGCCAACCATTCTCCCATTATTAACAAGATACGGTTAGCTGG AGAGTTCGAAGCCAGTACACGCTGAAGATCTTCAGTCTTGAGATAATGAGCCAGCACTTCCGCCTGTGGCTGTTTGCGTA ATGTCATGCGTAAACAGTGGGCGAAAGCGATTTGCAGCCGGGCAAACTCCCTTACACTTGCCGAATCCGGCAATGTCGTT TTTACCTCGCGCAGTAACGACCGTGAGGCAATCATCAACTGCCCCCAAAGTTTTCGCGCTTCAACGTAACGGGCGTACCC GGCATTATTACGAAAACCAAGAAAAATGGCGATGGCGACACCGAGAATGCTGAACGGTGCGAGGGTGAATTTGATGCCCA GATGCGTGTACCAGGGCAGCATGAAAATAACAGCGATAGAAAAGAGAAAATTGAGTAAGCGCGAGGATATCTTGGAT AATACTGAGCCGTGCCAGACAAAAATACGGCGCAGCCAGTGTTGTTGTGGACGAACAATCATGGTTATCTTCAGGCGTGG AAAAGTCGCCCTATTAAACGTGATTACGATCACATTCTCAAGACGCTACTTACAAATTACCTACAAGCTTACAACATTAG  ${\tt CAGGCGCTGCATGTGGCACCTGTTAATGATAAAGGCATATAGGATGTTGTAACTAATATGGTGAAATAAGAAACCCGGTC}$ GAAACCGGGTTCAGAAGTAACGGTGTTATTAGCACAACGGACGTACAGCTTCGCGCATCCCTTTTTCGAGAATCGCATCC  ${\tt AGGTCATTAGCAACCTGCTCGACCAGACCAGGCACTTGCGTCAGGTCCTGCTCCCAGTGGTCTTTTTCTGCCAAAACAAT}$ GCCGGAAGTGTGCCGTTTGCCTTCTGCCTGCCAGCAGCTGTGGCAGGATGCGGGTGCGGAACTTGGTCATACCGTTGAG  ${\tt CGCGATAGACAGCAGCTGATGCTTAATGTACGGGTTACGGAAACGCCCGGTGACTGCACTGGCGAAAGATTCCAGTTCAT}$  $\tt CACGAGGCAAATCCAGTACCGGAATAATTTCTTCGTAGATAGCTTTTTCAACGAATGCGCAAATTTCAGCATCGTTCATC$ GCGTTCTTTGTACGGTTTAATATCGTCAACAATCAGCACGTTGAGCGGATATTTGTCCAGACGCAGTTCAGTCGCTAAGG ATTTCGGTCCCTGAATCACAAACAGGTAAAAGTGTTCAGCGGTGTCGAGAAAACCATCGTGATAACCCAGTTCTTCTCC AGTTTAGCCACTTCATCGCGCGGATAACCGGTAACGATACGGTCCACCAGCGTAGAACAGAAGCTGTTAGCCTGATCCAG CAATCAACTCACACGGAATGATGATCCAACCTTTATCCAGCGCACCGTTGAAATGGCTAAAGCGTTCGAACAGCAGACGG GTCAGTTTTGCCGGATAGCTTACCGCTGGCGCGTCATCGAATTTATCGCCCGCATGGTAGCTGATACCCGCTTCGGTGGT GTTAGAGAAAACAAAGCGCATTTCCGGGTTGTGCGCCAGTTTCAGGAATTCATCGTATTCACTGTAGACGCTGATTTCAC GATTAACCGAGCGAATCAGACGCGCGCGCGCTGACCGCTTCCCCCTTCTCATTCAGGCCACGGATAATGGTGGTGTACAGA  $\tt CCATCCTGCGTGCTCAGTGACGGCGGGAATGAAGTTTCAATCGGACGACAACGACCACGCCAGAATTCAGATCGGTGTG$ CTCATTCAGGAGATCGATTTGCCAGTCAACAAAGGCCGCGCAGGAAGTTACCTTCACCAAACTGAATGATACGTTCTGGAT TGGTACGACAGGTTAGCAAACTTTAATACGCCGAACCCCTGTTTTGATCAACTCCTGATGATTAATGAGCAGTTTTATGA GAAAAGTGTGGCGCGGATCATGGTTTAATCGAGGAAAAACGCCTTTTCCTGGATCATAAAGTGGTAGAACACATTGCATT  ${\tt CAAATCGCGCGTAATGAATAAAGATGTCAGACAACTTCCTCACCGTAACGCATAGTGCTGGTACGGTTGCGCCCATCTTT}$ CTTCGAGCGATACAGACACGTATCGGCTTCGACCATCAATTTATTAAAGTCATCGGTCAGCGTTAGGTACGATGCGCGAC  $\tt CACTACCGACGCCAATACTTACCGTGAGATAAAGCGTTTTTTGTTGCCAGGTGAATGGTTGCAGTTCAACGCCTTTACGGTTGCAGTTGCAGTTCAACGCCTTTACGGTTGCAGTTTTTGCAGTTGCAGTTGCA$ ATTTTTCCGCCATTAGCAGACCATCGACAGGATTCACCGACGGCACTGCAACAGCAAATTCTTCGCCGCCCATTCGCGC  $\tt CACCAGCCCCTTATCACCGACAATCTTCTGAATATGCCGGGCAAACACGCTTAACACTTTATCGCCACATTCATGTCCAT$ TTCAGCGCCTCATAAAGACCGGACCGTGAGTAAACCTGAGTCAGAAAATCAAAGTCGGCTCGCAGCGCAACTTGCTTCAT TAGCGAATTGATCGCTGCCACGCTAAAAGAAACCATAATTGGGCATATCGCCATCGTGGCAATACCGAGACGTGCGGAGA CAGTCCGCAAGCAAAGGCCAGAAATCCAGACTATCAATACTGACCGAACCAAGATAGCATGTTCGCTGACAGCGGCGGCA AGATTACCGCCACGATATAACGTTGTTCTTCTCCCTTAACGAAACACCCTGCGGAATGTTATGCCACTTAGCCAGACAA  $\tt CCGCGACAGCAGGTCGCGGTGCCTGAGCGATAAACACCGGATGCCCGCGCATGGGGGTTTGCTTACCGTCATTAGC$ TGCATTAATAAACCGAACGCCCTAACTGTTTCGTCAATTGTTCAAGAACGGCAATACCCGCAAGCGAGTTACCTGCATCA TCCAGTTCCGGACTCCAGACAGCGATGGCCATTTCATGCGGAACAATCGCCACAATACCGCCACCAACGCCAGATTTCGC TCTACACAGCTCATTTTCAGAGCGCAGTAATGAAAGTAGTTTTGCAGAACGGTTGTCACGTCATGATGGAAATTGCCAAA CGACTTCATCAGCCAGGCGATAGCCGCATTTCGCGCGGAATGTTCAAATTCGGAACGCGCTACCACCGTATCGTAGGAAA TATCAGACACCCCCTTAAGCCGCGCACGACTTCCAGCATACGTTGCCGTGGTGCGCTTAATCGCCCTTGCAACATATCG  ${\tt CGGTGATCCAGACGGATCTTTGCCGACGCGTTGCCAGATTTCCTCTTCGGAGTAATGACGCATGGCGACAACGAGACTCA}$ GCACTTTGGAAATAGACTGAATGGAAAAACGTTCTTGCGCGTCTCCGGCCTGAAAAAGCTGTCCGTCAACGGTACAGATA GCAATCCCCAATCGGGAACCGTCTACTGTAGCCAGCGCCGGAATATAATCCGCGACTTTACCCTGACCAATGAGCGGCCG CACTTGCCGCAAGATGTTTTCTAAAATTGCATTATCCATGGCGACTGCCACTTTCTACTCCTGGACCGCAGGTCTGAAAA GACCTGCGAGTATATCAGAGCTGAATATGTCGCGTCAGATCCGGTCTTTCCACACCGTCTGGATATTACAGAATTCGTGT  $\tt AAGCCGAAATGGGAAAGCTCACGACCAAAGCCACTCTTTTTCACGCCACCAAAGGCCACTCGCGCGTCGCTGGCACAATA$ AGCCATCTTTTCCCCGCCCAGTAACAACGCGCACCCTGCGCCAGGGTTTTCTCCACCTGATGATGCAGCTCATCACGTA  AAACGTTCGGTAAATGCCGAAGCAATTCCCTCTTCGATAATAAAGCGTTTTGCCGCTGCACATACCTGTCCGGTATTCTG ATAACGTCCGGCTACCGCCGCTTTCACCGCCAGTTCCAGATCGGCATCGTTAAGCACAATAAACGGATCCGAACCGCCCA GTTCCAGTACGCATTTTTTCAGTGCCGCTCCAGCCTGTGCGCCAATAGCCGCTCCCGCACGAACACTTCCGGTCACCGTG TACCTGCAAGAATGATGGGAACAGCGCCACGCATCACCTGCCATAACGGAAAATTCCACGGCATAATCGCCAGAATCGTC  $\tt CCCAACGGTCGATACTCAATAACCGCCTGCTGATTTTCCACCAGCGTAGGTTCCGCCTTCAGCATTGCCGGACCATGTTC$ TCATTTGCGCCATTTCTTCGCTACGAGCGCGCAGAGCCTTACCGATATCACGCAGTTTTTCAGCACGATAATCTATATTT GTCTCGCGCCAGTCGCGAAAGCCTGCTGCCGCCAGCTGAAGTGCGTTTTCGATATCGTCAGCGCCAGCCCACGGCAGCAC AGAAAGTTGTTCACCCGTGGCAGGATTTATCGAAATTGCATGAGTTGCCGGAGTAATGGTCATCGGGGGTATCTCCTTTAT GAGTCATGGTATGAAGATACGCAGATTTACTCTTGCTTTAAAATGAATAATATTAAGCCACTTATTCACGAATCGAGAAT GCTATGGATCTGACCCAACTGGAGATGTTCAACGCGGTTGCCGAAGCTGGCAGCATAACCCAGGCTGCAGCAAAAGTGCA AGCGTTTACGTCTCTCCTGCCGGGCATAACTTTTTACGCTATAGCCAACAAATTCTCGCGTTAGTGGATGAAGCGCGG AGCGTTGTCGCTGGCGATGAGCCGCAAGGTTTATTTTCTCTTGGTTCGCTGGAAAGCACCGCTGCAGTGCGCATTCCAGC GTGTACTGGAGGGAAAACTGAATGCGGCGTTTATTGATGGACCCATTAACCATACTGCCATCGACGGGATACCGGTATAC CGCGAGGAACTGATGATCGTCACGCCACAAGGATATGCGCCAGTAACCCGTGCCAGTCAGGTTAATGGCAGTAACATTTA TGCCTTCCGCGCCAATTGTTCGTATCGTCGCCACTTCGAGAGCTGGTTTCATGCTGACGGTGCCGCTCCGGGAACTATCC ATGAGATGGAGTCTTATCACGGAATGTTGGCCTGTGTGATCGCAGGAGCAGGCATTGCGCTTATTCCGCGCTCTATGCTG GCGTCGTGGTGCGAAAACACGTCCGCTCGAGGCATTTATTCAACTGCTGGATGTGCCTGACTCGGCAAGACAGGGATATC AATGAGCTATTTTTGATAGTTCTTGCGGTTAATATGCTCTATATAGTGATGTTCCGATGACTTATGACTATATGGGGCAA AAAGAAGTTTTAAAGGATTTTATTGATGCACTTAGTACAATAATATGTAATGAAGAGTGGCGCACGTCTTTAAACATCAA CTCAGCCACAAAAAAGATATTTAATAACCTTGACAACTTATCATATATTCAGAGGACTTCTTTTCGGGGTAACGACACGC TATACAATGAAAAGGTTCAGTTTAAACTCACTTATCCCGCCAGGAATGGAAGACACAAAGAAAATATTGAATTTCAGGTA GTAATAAATTTAAGCCCTATTTATTTAGATAATTTTCGCCATGATGGAGAAATTAATATTTTTTGCGCTCCCAACCCAAA GCCTGTCACTATGGGGCGCGTATTTCAGACCGGCGTCGAGCGTGTACTCTTTCTGTTTCTGAATGATTTTATTGAACAAT TTCCAATGATCAACCCTGGTGTTCCCATCAAAAGAGCGCATACACCACATATTGAACCCCTGCCTTCCGATCACCATACC GCTGCAGATTACTTACGCCAGTTTGATTTGCTTGTCCTGAATTTTATCTCTCGCGGTAATTTTGTCATACTCCCCCGATT TGCTTTTTATCCCTTTTAGCAGAACAAGAATCTCCTCATTTTCAGAACTTGTTTTTATTTTTCGCCAATATGTTATTGCA CTATCACCAATTTATGAATCCCAATGAAAGTGATTTGAATGACGTGTTGATGCCAGCATCATTAAGTGATGATAAAATTA TCAAACATATGGCGCGCAGGACCCTCAAACTGTTTGTAAAAAAATGAAACACCGCCAAAAGTTACTCACGAAGACCTGGTG AAAAACAGGCCTCGCTCCCCTGTCAGACCACCTATACCCGCAACCGCCAAAACGCCAGACCTCCCTGAACGTCATTAAAC  $\tt CGTGATGTTACCGACTCTCTGACGCGTGAAAGAATCAGCGTCAGAGAAACGGAAAACGCGATCCAGATCACAAATGCATT$  $\tt CCTGTTGGCCTGCTCTCTGACATTGCGCAAAGTTTTCACATGCAAACCGCTCAGGTCGGCATCATGTTGACCATTTACGC$  ${\tt ATGGGTAGTGCCTTATGCCTTTTATGTTAATGACCAGTCAGGTTGAACGGCGCAAATTACTGATCTGCCTGT}$ TTGTGGTGTTTATTGCCAGCCACGTACTGTCGTTTTTTGTCGTGGAGCTTTACCGTTCTGGTGATCAGTCGCATTGGTGTG GTTGGCGAATGACCTTCTTCGCGATTGGTATTGGGGCGCTTATCACCCTTTTGTGCCTGATTAAGTTACTTCCCTTACTG  TGTGGTGGTTGTCACCGCCCATTACACGGCATACAGCTATATCGAGCCTTTTGTACAAAACATTGCGGGATTCAGCGCCA TATGCGTCTGCGTTGGTGAGTACGGCGATTGCGCTGTTGCTGGTGTGCCTGGCATTGCTGTTACCTGCGGCGAACAGTGA AATACACCTCGGGGTGCTGAGTATTTTCTGGGGGATCGCGATGATGATCATCGGGCTTGGTATGCAGGTTAAAGTGCTGG CGCTGGCACCAGATGCTACCGACGTCGCGATGGCGCTATTCTCCGGCATATTTAATATTGGAATCGGGGCGGGTGCGTTG GTAGGTAATCAGGTGAGTTTGCACTGGTCAATGTCGATGATTGGTTATGTGGGCGCGCTGCTTTTTGCCGCGTTAAT  $\tt TTGGTCAATCATTATATTTCGCCGCTGGCCAGTGACACTCGAAGAACAGACGCAATAGTTGAAAGGCCCATTCGGGCCTT$  $\tt CAGACGGGAGATCGCTTCAATGCCACCCTTGCCCACCAGCCGCATAATTGCGCCGGAGCTGCGTAGGCTTCCCCACAAAA$ TAACCGCCACCAGGAAAAAGATCAGCGGCGGCGCAACCATCAGTACCCAATCAGCGAAGGTTGAACTCTGACGCACTGTG GACGCCGAGCTAATAATCATCGCTATGGTTCCCGGACCGGCAGTACTTGGCATTGCCAGCGGCACAAAGGCAATATTGGC GAAAACCGATAAACGCGACGATTAAGCCGCCTGCAATTCGCAGACCGGGAATCGAAATGCCAAATGTATCCATCACCAGT TGCCCGGCGTAATACGCCACCATCATGATGGCAAATACGTACACCGAGGCCATCAACGACTGACGATTACGTTCGGCACT GTTCATGTTGCCTGCCAGGCCAAGAAATAACGCGACAGTTGTTAATGGGTTAGCTAACGGCAGCAACACCACCAGCCCCA GGCCAATTGCTTTAAACAAATCTAACATTGGTGGTTGTTATCCTGTGTATCTGGGTTATCAGCGAAAAGTATAAGGGGTA AACAAGGATAAAGTGTCACTCTTTAGCTAGCCTTGCATCGCATTGAACAAAACTTGAACCGATTTAGCAAAACGTGGCAT CGGTCAATTCATTCATTTGACTTATACTTGCCTGGGCAATATTATCCCCTGCAACTAATTACTTGCCAGGGCAACTAATG  $\tt CTGCTTAACGAGTATCTGTCTCCGCTGGATATTACCGCGGCACAGTTTAAGGTGCTCTGCTCTATCCGCTGCGCGGCGTG$ TATTACTCCGGTTGAACTGAAAAAGGTATTGTCGGTCGACCTGGGAGCACTGACCCGTATGCTGGATCGCCTGGTCTGTA AAGGCTGGGTGGAAAGGTTGCCGAACCCGAATGACAAGCGCGGCGTACTGGTAAAACTTACCACCGGCGGCGCGCAATA TGTGAACAATGCCATCAATTAGTTGGCCAGGACCTGCACCAAGAATTAACAAAAAACCTGACGGCGGACGAAGTGGCAAC ACTTGAGTATTTGCTTAAGAAAGTCCTGCCGTAAACAAAAAAGAGGTATGACGATGTCCAGACGCAATACTGACGCTATT TGACGGAAATCGCGCAAAAGCTGAAGGAAAGTAACGAGCCGATACTCTATCTGGCAGAACGATATGGCTTCGAGTCGCAA CAAACTCTGACCCGAACCTTCAAAAATTACTTTGATGTTCCGCCGCATAAATACCGGATGACCAATATGCAGGGCGAATC GCGCTTTTTACATCCATTAAATCATTACAACAGCTAGTTGAAAACGTGACAACGTCACTGAGGCAATCATGAAACCACTT TCATCCGCAATAGCAGCTGCGCTTATTCTCTTTTCCGCGCAGGGCGTTGCGGAACAAACCACGCAGCCAGTTGTTACTTC AGTCGGATGCGCTCGGCGTGCCCTATTATAATCAACACGCTATGTAGTTTGTTCTGGCCCCGACATCTCGGGGCTTATTA ACTTCCCACCTTTACCGCTTTACGCCACCGCAAGCCAAATACATTGATATACAGCCCGGTCATAATGAGCACCGCACCTA AAAATTGCAGACCCGTTAAGCGTTCATCCAACAATAGTGCCGCACTTGCCAGTCCTACTACGGGCACCAGTAACGATAAC GGTGCAACCCGCCAGGTTTCATAGCGTCCCAGTAACGTCCCCCAGATCCCATAACCAACAATTGTCGCCACAAACGCCAG ATACATCAGAGACAAGATGGTGGTCATATCGATAGTAACCAGACTGTGAATCATGGTTGCGGAACCATCGAGAATCAGCG AGGCAACAAGAAGGGGAATGATTGGGATTAAAGCGCTCCAGATTACCAGCGACATCACCGCCGGACGCGTTGAGTGCGAC ATGCTGACCGTTCAGACTATCTTCGATTAACACCAGTACGCCAAAAATCGCTAAGGCGATCCCCGCCAATTGTTTGCCAT GCAGTCGCTCCCCGAAAGTAAACGCCGCCAAGCATGATAGTAAAAAAACGCCTGTGCCTGTAACACCAGCGAAGCCAGTCCA GCAGGCATACCGAAGTTAATGGCACAAAAAAGCAAACTGCGCAAAACTGATGGTTAATCCATACCCCAGCAGCAA ATTCAGTGGTACTTTCGGTCGTGCGACAAAAAAGATAGCCGGAAAAGCGACCAGCATAAAGCGCAAACCGGCCAGCATCA GCGGTGGCATGTTATGAAGCCCCACTTTGATGACCACAAAATTTAGCCCCCATACGACCACTACCAGTAGCGCCAACACC  ${\tt CAGTTGATTCGTTAGTCGCCGGTTACGACGGCATTAATGCGCAAATAAGTCGCTATACTTCGGATTTTTGCCATGCTATT}$  ${\tt AGTACAGCCTGAGTGTCGATCTAATCGGTTATGCGATGACAATTGCGCTCACTATTGGCGTCGTTTTTAGCCTCGGTTTT}$  GGTATCCTGGCGGATAAGTTCGACAAGAAACGCTATATGTTACTGGCAATTACCGCCTTCGCCAGCGGTTTTATTGCCAT TACTTTAGTGAATAACGTGACGCTGGTTGTGCTCTTTTTTGCCCTCATTAACTGCGCCTATTCTGTTTTTTGCTACCGTGC TTCCGCGTTTCCCATGCTTTTCATTCAAATTTGGGTAAAGCGCAGCGAGAAAATCATCGCCACGGAAACAGGCAGTGTCT GGTCGCCGAAAGTTTTATTACAAGATAAAGCACTGTTGTGGTTTACCTGCTCTGGTTTTCTGGCTTCTTTTGTAAGCGGC GCATTTGCTTCATGCATTTCACAATATGTGATGGTGATTGCTGATGGGGATTTTGCCGAAAAGGTGGTCGCGGTTGTTCT TCCGGTGAATGCTGCCATGGTGGTTACGTTGCAATATTCCGTGGGCCGCCGACTTAACCCGGCTAACATCCGCGCGCTGA TGACAGCAGGCACCCTCTGTTTCGTCATCGGTCTGGTCGGTTTTATTTTTTCCGGCAACAGCCTGCTATTGTGGGGTATG TAACCAGCCTGCCGCCTTCCTCGCTGTTTGTCATCTTAGCGTTGGTGATCATTGCTGCGTGGGTGCTGATGTTAAAAGGG  ${\tt ATTCGAGCAAGACCGTGGGGGCAGCCCGCGTTTGTTGATTTAAGTCGAACACAATAAAGATTTAATTCAGCCTTCGTTT}$ AGGTTACCTCTGCTAATATCTTTCTCATTGAGATGAAAATTAAGGTAAGCGAGGAAACACACCACCACACCATAAACGGAGGC GATTTTTATGACGGCGAAAAAAAACCGCCAGTAAACCGGCGGTGAATGCTTGCATGGATAGATTTGTGTTTTTGCTTTTAC TAAACTCGGTTAATCACATTTTGTTCGTCAATAAACATGCAGCGATTTCTTCCGGTTTGCTTACCCTCATACATTGCCCG GTCCGCTCTTCCAATGACCACATCCAGAGGCTCTTCAGGAAATGCGCGACTCACACCTGCTGTCACGGTAATGTTGATAT GCCCTTCAGAATGTGTGATGGCATGGTTATCGACTAACTGGCAAATTCTGACACCTGCACGACATGCTTCTTCATCATTA GCCGCTTTGACAATAATGATAAATTCTTCGCCCCCGTAGCGATAAACCGTTTCGTAATCACGCGTCCAACTGGCTAAGTA AGTTGCCAGGGTGCGTAATACTACATCGCCGATTAAATGCCCGTAGGTATCATTAACCAATTTAAATCGGTCAATATCCA ACAACATTAAATAAAGATTCAGAGGCTCAGCGTTGCGTAACTGATGATCAAAGGATTCATCAAGAACCCGACGACCCGGC CAACCCCTCTGAAAGGCGTCGAAATGCGCGTCCTGCCAGTGATTTTCAACAATAGCCAGCATTAATTCCCGACCACAGT TATGCATATGTTGATGGGCAGAATCCATTAGCCGAACGTAAGGTAATTCATCGTTATCGAGTGGCCCCAGATGATCAATC CACCGACCAAACTGGCACAGTCCATAAGAATGGTTATCCGTTATTTCTGGCTTACTGGCATCTCTCGCGACCACGCTGTG AAACATACTCACCAGCCACTGGTAGTGGGCATCGATAGCCTTATTGAGATTTAACAAGATGGCATCAATTTCCGTTGTCT TCTTGATCATTGCCACTCCTTTTTCACAGTTCCTTGTGCGCGCTATTCTAACGAGAAAAGCAAAATTACGTCAATATT TTCATAGAAATCCGAAGTTATGAGTCATCTCTGAGATAACATTGTGATTTAAAACAAAATCAGCGGATAAAAAAGTGTTT AATTCTGTAAATTACCTCTGCATTATCGTAAATAAAAGGATGACAAATAGCATAACCCAATACCCTAATGGCCCAGTAGT TCAGGCCATCAGGCTAATTTATTTTTATTTCTGCAAATGAGTGACCCGAACGACGCCGGCGCGCTTTTCTTATCCAGAC TGCCACTAATGTTGATCATCTGGTCCGGCTGAACTTCTCGTCCATCAAAGACGCCGCAGGAATAACGACATTAATTTCA  $\tt CCGCTCTTATCGCGAAAAACGTAACGGTCCTCTCTTTGTGAGAAATCAAATTACCGCGTAGTGAAACCGAAGCGCCATC$ GTGCATGGTTTTTGCGAAATCAACGGTCATTTTTTTTGCATCATCGGTTCCGCGATAGCCATCTTCTATTGCATGAGGCG GCGGTGGCGCTGCATCCTGTTTTAAACCGCCCTGGTCATCTGCCAACGCATAAGGCATGACAAGAAAACTTGCTAATACA  ${\tt ATGGCCTGAAATTCATACTAACTCCTTAATTGCGTTTGGTTTGACTTATTAAGTCTGGTTGCTATTTTATAATTGCCA}$ AATAAGAATATTGCCAATTGTTATAAGGCATTTAAAATCAGCCAACTAGCTGTCAAATATACAGAGAATTTAACTCACTA AAGTTAAGAAGATTGAAAAGTCTTAAACATATTTTCAGAATAATCGGATTTATATGTTTGAAAAATTATTATATTGGACGA GCATACAGAAAAAGCAAATCACCTTTACATATAAAAGCGTGGACAAAAAACAGTGAACATTAATAGAGATAAAAATTGTAC AACTTGTAGATACCGATACTATTGAAAACCTGACATCCGCGTTGAGTCAAAGACTTATCGCGGATCAATTACGCTTAACT GTGAGAAAGTGGCAGCAGAAATGGCAACCGGTGCCATAGAGCGTGCGGATGCTGATGTCAGTATTGCCATTACCGGCTAC TGCGGTTATGCATTTTGCTGGCGACTGCGAAACGGTATTAGCTTTAGCGGTGAGGTTTTGCCCTCGCCCAGCTGCTGCAAT  GCATCGGCATAATCTTAGGTGCCTTACCGCGCCATTGTCGATACAGGCGTTCCAGATCTTCGCTGTTACCTCTGGAAAGG ATCGCCTCGCGAAAACGCAGCCCATTTTCACGCGTTAATCCGCCCTGCTCAACAACCACTGATAACCATCATCGGCCAA CATTTGCGTCCACAGATAAGCGTAATAACCTGCAGCATATCCGCCACCAAAAATATGGGCGAAAATAACTGCTGCGATAGC GTGGCGGTATAGCAGGAAGATCCATATTTTCCGCCACCAGCGCCCGCAATTCAAAATCATCGACATCCTGCATTGCTTCG GTGGCATAACGCTGGCGGCAAAAAGGCCGTGCAGCGTATGACCAAATTCATGGAATAAGGTTATGACATCATCCCAGAG TAACAACGCAGGCTCACCGGCAGCGGGTTTCTGATAATTGCAGACGTTATAAATTACCGGATGTGTTTTATTAAGCGTTG ATTGCTCAACAAAATTGCCCATCCATGCACCGCCGCTTTTTGAATCACCGGGCGAAGAATCACCGTAAAATAACGCCAGC  $\tt CCCACGCCATTATGATCAAAAATTTCCCACACGCACGCGCACGGCATGGTAGGCAGGAATATCAAAACGTTCGACAAACTT$ AATACCGAAGAGCTGATTCGCGGTCCAGAATACACCTTCATTTAACACCGTGTTTAATTCAAAATATGGCTTGAGCTGCG AAAGTTAAGTGCTGCTTCAGGTGTTTTTGCCATCTGATCGGCGATTTTCCATGCGGCATAATGAGGAAAACCAAGTAGTG TTGCCTGTTGTGCACGGATCTCCACCAGACGTTGAATGATAGCGCGGGTATCATTGGCATCATTTTTTTCCGCTCGCGTC GTCGCAGCTTCTGTATTCAGTACTTTTAATTTTGCTTTATCAGCTTGCGCAAGTTTTGGCTCCGGCAAGGACAAAACGTTG ATGAATCACCTCCACCAGGCGGATGGATTCACTATCAAGCCCCAGGGATTCACGGCGCTGCCAGACAGCATCTACCCGCG CGAATAATTCACCGTTCAGATAGATATCATTAGCCAGTTCCGCCAGTTCAGCGGAAAACTGCTCGTCAAGACGCTGTAAT  ${\tt CAGAATAGTATTGTTGAAATCAGGCATTTGCGGGTTAAGCGCGATGGCAGCAATTTCTGCCCGCTTTTGCTGCATTCCCT}$ CATCGAATGCCGGGCGATAGTGATGATTGGCAATTTGATCAAAATGGGGAGCCAGATACGGCAGTGTGCTTTGCACAAGG AAAGGATTCATTGTTGTCATTTTCTTCTCCTGAACGCGAGGTGTTCCATAGCGTAGGCTTACTGATAACGGAGTGCAATC TTGCAATCCAGTATTACCCGCTCTTAAGCATCCCGTGCTATGTTATTGACACACAAAAGCGTTGAGGAACAGTGAGATGA TCGTTTTAGTAACTGGAGCAACGGCAGGTTTTGGTGAATGCATTACTCGTCGTTTTATTCAACAAGGGCATAAAGTTATC TCGCAACCGCGCCGCTATTGAAGAGATGCTGGCATCGCTTCCTGCCGAGTGGTGCAATATTGATATCCTGGTAAATAATG GGCCTGGTATATATGACGCGCGCCGTCTTACCGGGTATGGTTGAACGTAATCATGGTCATATTATTAACATTGGCTCAAC GGCAGGTAGCTGGCCGTATGCCGGTGGTAACGTTTACGGTGCGACGAAAGCGTTTGTTCGTCAGTTTAGCCTGAATCTGC CGCTTTAAAGGCGATGACGGTAAAGCAGAAAAAACCTATCAAAATACCGTTGCATTGACGCCAGAAGATGTCAGCGAAGC GACTGAATGTCCACCGTCAGTAATTTTTATACCCGGCGTAACTGCCGGGTTATTGCTTGTCACAAAAAAGTGGTAGACTC ATGCAGTTAACTCACTCACAAGCAAGAACGAATGACCGTCGAAACGCAACTTAATCCCACACACGCCTGTCAATCAGCAGA TTTATCGTATTCTTCGTCGCGACATTGTCCATTGCCTGATTGCTCCAGGCACACCGTTGTCGGAAAAAGAAGTTTCTGTT TGGCGCGTCGGGCGGCGAGCATGATTACCGAAAGCCAGTGCTATCAACTGGAACAAATCTTCACCAGCAACGCATTGCC TGATCAAAAACAAAAATATTTCACTCGACAGGAGTATTTATATTGCGCCCGTTACGTGGGCTTCGACTGTAAATCAGAA AGGAGAAAACACCTATGACGACCTACGATCGTAACCGTAACGCAATCACCACTGGCAGCCGTGTTATGGTTAGCGGCACC GGTCACACTGGCAAGATCCTGTCGATTGATACTGAAGGTCTGACCGCTGAGCAAAATCCGCCGCGGAAAAACCGTAGTTGT TGAAGGTTGTGAAGAGAAACTGGCACCACTGGACCTGATTCGTCTCGGCATGAACTAAGCGTGTGAATGCCGCCGATGGC GGCATTGCTTTTTTACTTCACGGAATATTTTGCCACGGTCGCTTTCGCGCCCATGCGCTAATAAAGACAAGTACGTTTCCG TCACTCTTGCAGTAAACAACTATTGTCTGGCAAATCATCACCAAAGATCGCCTTAATCGCCAGCAATGACTGGACGCGC GCTTTCCCTTCGGCACTACTTTGTACAGCCTTCTGAATAACAGGTAACAGTGGGTCACTGATTTCTATCGGATTTCCCTG TTCATCAACACCACCGACATAACGCATCCAACCCGCGACGCCCAGCAGCAGCAGCACTTGCTGTCATGCGCCAGAT GCCGGGTTGCTATAGCGTGCAATTAATCGGTTAGCGTAATCTTGCAAATCAACGCCCTGCACTTTCAACGTCGGCGCTTG TTCCTGCAACATCAAGCCATACGCCGCATAACGATAATGTTCATCTTCCATACAGTCATTAATGTGCTGATATCCTGCAA GATACCCCAGATACGCCAGGAATGAATGACTGCCGTTGAGCATGCGCAACTTCATCTCTTCATAAGGCAGCACATCGCTA TACGGTCCACCATTGTTGATGGGAAAGTCACGTTATCTTCGATCCATTGTGCCAGTTTTACATCAACGGCTTGTGCGTAG GAAGTGACAACGTCACGCATAACATGACCGTTTTCTGGCATGTTGTCACATGACATGACGGTAAATGCGGGAAGTCCTGC CGCTTTACGGCGAGCCAGCGCCTCAACAATCACCCCTGTTGCTGTTTTCGGCTGGTGGGGATTTTGCACGTCGGCAGCTA AACGACGCGAGCCGTCCACACATCGGCCGACATTTCCGCAACGGTATAAAGATTATCTTGCTGTTGTAAATCGGCAATTT GCTGTTCGCCGCCGATTAAGTTGACCTCATAATATCCCCAGTCACTGAAATGTTCCGTAGCAAGAATATCGGCATACACA CCCTGATGCGCACGGTGAAATGCACCAAAGCCTAAATGAACAATTCTTGGAGCCAGGTTATTAAGATCATAAACAGGGAG TGTCGCTTTTGCTGATAACAAATTATTTCCCATAACAATTCCTTAAATATAAAATATGGCAAGCTATATGTTTTGTTATAT GAGATTCAGTAATTGGCTCAATACATCCAGTGCTTCCCGCCCTTCGCGAGCAATTGCGGGTCGGCCAGATCGGCAGCAG TAAGGCGATCGCGGTAGTAACGATCCACCCAGTCATTGAGCGCATTAAACAGCGTATCGTTCATCACCACCGCCGGATTC TAAATCAAAGACTTTTAGTTCGCTAATCGGGTTGTCAGCGGCAAGGAGTTCATTGAGATAACCCCATACTCCGGCGTGTT TAACTGTGACTGGCGAGCGAACGCCTGTTGGTGGCAAAACAGCACCTGGCGGTTACTCACGGCAATCACGTCATTATGAA GCCTCGCTGGCTTCGCGAGTCTGTCGCCCGGATAACGGGAAGGCCGGGTATCATTGCCTTCTTCTCGCCCGTAGACAA GTGGCAACGCCGAATGGACGCTAAATTTCTCTTCGTCGTTAAAAATCGCTTTTAACAGCGATTCAGTGACGGGCGCTTCC AGCGAACGGTGAAATTTATTGTTCAGGTTGGCAACGGTGAGATGCACTTTGCCATCCAGCGTATCGGCAGATGGCGCGAT GCCTGGGGGAATCCCGCATCGGCAAGGGCTTTCATTTTCAGTAAGCCCTGCTTCGCCGCCAGTCGCGGGTTAGACACCTG AAAACGGTGACGGGTAGAGGCTTCATTACCAAACGACAGGCCCGCGTAATGATGCGTCAGCCCTACCAGCCCGTCGAAAT TGACTTCCCAGGCGTTCATCGCACCACCTCATCGGAAAAATCCAGCCCGGGGTTAAGCGTGGCGGGCAATGTTAACGAGT CTTCATCGAAAGTATCATAACGCCAGACGCGCAATAACGGTCCGAACACCTCTTCATCTGGTACGCCAGCAACGCCTGTC ATTTCAATGATCCCCGGCGTCAGCAACGATGTCCCTGCTTGTAATAAGCGCGGGCGCAAGCAGGGGGTCGTCCGCCCATCGC TTCCAGTTGCTGCCATGCAGTAACCACCTGCTGTGCGGCCTGTTCAGAAATCAGCCCGCCAATAAACCGCTGCGGTTCGT  $\tt CATCCCAGTTGCCCGGCGTTAATCGCTGGCTGACGGCAACCAGACGAGGCAAGAAACGCATCGCCCTGCGCCCCGCTTTTC$ AGCAATAAACGCCGGCGCGCAGGTGCAGCGTTGACCGGCTGTGACAAACGCCGACTGAATGGTCAGATGGACAGCCGCGTC GATATCCGCCACCTCATCGATAATTAGCGGATTATTACCGCCCATCTCAAGGGCGAGAATTTTCTCCGGCTGACCGGAGA GCTGGCGATGCAACTGGTAGCCTGTATTGGCGCTACCGGTAAACAGCAAACCGTCGAGATCCTCCAGCGCACTCAGCGCC TTCGCCACTCCACGGTGTCAGTTCGCTGGGTTTAAAGATAATGGTGTTACCTGCCAGCAATGCCGGAACGATATGTCCGT TCCGGCATTTCACTACGCTGCTCGCCGGTACGAACGTGATACGCCCTTAATTGATATCGCGATTTTATTGATCATCGCCGT GCAGTGCGGCAAAGCGTTCGACAACGCCATGACGTTCAGCAAATGAAAGCCGCGCCCAGCGGGAAACGCCGCACGGGCT GCCCGACAAGCCTGCTCGACCTGAGCGGCATCGGCATCATTGCCTTGCCATAACACCTCGCCCGATACCGGATTACGCTT GGCTGCCCTTCTGCCACTTCCACCAGCCGACTTTTACGGATGGCGCGCACGCGGTCGATGTCACACTCAAGCGTCGGCCC GTACCTGACCGATGACGTCCTGGGCTTCCTGGGATAAAAAGTGGGTATAGATCGGATGTTTCGGCATCAGTTCTGCAATA GAACGGTGAATAGCCGTGTTCGTCAATCACCCCGCGCATTTCAGCAACCACTTTGTCATTAAACTTGTCGCGAAAAGCCG AGCTCGCTGCTGCCGGTGTGATCGTTACTGAGAAACAGCGTCGGCAATGCGTTATAGACATTCAGCTCTTTTGAGGCGTG AACCAACGTGCCGACGCGATAGTTGTACCAGGGATCGTTCAGCCCAACCGCCACCTCAATGGCACAAATCCCCGCCACGG TGCCTGTCTCGCTATCTTCCAGCACGACACACATAGCCCTGCTCACTTTTGGGCAGTTTCGCCTTGCCAGGTTTTGATTGCC TGCAAAGCGATCCAGTCCGGTCGTCACCTCTTCTTCGCTGACATTGAGCGCAGGCGCAAAACGCACCACGTTGCCACCCG CAGCCAATCAGCAAACCTAAGCCGCGAACTTCACTGAACAAACCATAGCGGTGATTAATAGTATTAAGACGCTCAACAAA  ${\tt CCGACCGGGAAACCGCCCCCAGCGCTTTGGCGGTAGTTAACAGATCAGGCGTCACGCCGTAGTGCATATAGGCATACAG}$ TTCCCCGGTGCGCCCGACGCCGGTTTGTACTTCATCAAAAATCAACAGCGCATTGTGGCGGTTACACAAATTCACGCAGAC TCAATCAGCGCGCTGGCAGAGTTAATATCGTTATATGCAGCATGACGAATATCCGCCGGCAGTGGCGCAAAATCCTGTGA ATAGGCTGCCTGCCCACCCGCACTGACAGTAAACAGCGTGCGACCATGAAACGCATTTTTGAACGCCACGATGCCGCTCT TATGGCTGCCGTAGCGGTCGTGAGCGAATTTACGCGCCAGTTTTAGCGCCCGCTTCGTTGGCTTCCGCACCGGAGTTACAA GGTATGCCAGAACTTACTCGCCTGTTCGTTCAGCGCTTCACGCAGTTCCGGATGCGCATGGCCCAGCGCGTTCACCGCAA TGCCACCCGCGAAGTCGATATACTCTTTCCCCTGCTGATCCCACAAGCGCGAACCTTCGCCACGTACCGGTATAAAGGGT GCCGGAGCGTAAACAGGTATCATCCATTCATCAAAGTTTTCACGCGTAATTGGCTGAGACATAGCGACCTCTACAGTAAA AAAGTGCATAAACGGCGGAGGCTAACTGGAAATCAAGGAGTTATAACCAAACCATATGCATTTAAAGTGCATATAAAGTG AATACGTTTGCGATGTGGGTGAATAAAAAGAATAAAAACGCAATGTTATGCAGAAGTAAAAATATAATTCTGGAATTGTG ATCATTGACGAAAATTTACTGGAAAATTACTGCGCCATTCTGACGCAGCGCGCACCAAAAGCGGGCATTTTTTTGCGCCATCG TTGACATCATTAACAACCATCGATCAAATCACTTAACAACAGGCGGTAAGCAACGCGAAATTCTGCTACCATCCACGCAC TCTTTATCTGAATAAATGGCAGCGACTATGAAATTTGTCTCTTTTAATATCAACGGCCTGCGCGCCAGACCTCACCAGCT TGAAGCCATCGTCGAAAAGCACCAACCGGATGTGATTGGCCTGCAGGAGACAAAAGTTCATGACGATATGTTTCCGCTCG ACGCCGATTGCCGTCGCGGCTTTCCCGGTGACGACGAGGGGCGCGCGGGGGGGTTATTATGGCGGAAATCCCCTC AAGCGCAGTTTTATCAGAATCTGCAAAACTACCTGGAAACCGAACTCAAACGTGATAATCCGGTACTGATTATGGGCGAT TTTCCTGCCGGAAGAGCGCGAATGGATGGACAGGCTGATGAGCTGGGGGTTGGTCGATACCTTCCGCCATGCGAATCCGC AAACAGCAGATCGTTTCTCATGGTTTGATTACCGCTCAAAAGGTTTTGACGATAACCGTGGTCTGCGCATCGACCTGCTG TCACGCCCCGTCTGGGCGACCTTCCGCCGCTAATTTAGCAGCTCTCCTGGCTCAAACTGGGTCAGGAGAATTAACCTTG  $\tt CCACTTCTCTATTATCAAGTTTGATATAGGAAACTCCACGATGAACGCTGAGCGTAAATTTCTTTTTTGCCTGTCTTATTT$ TTGCGCTGGTCATTTACGCTATCCACGCTTTCGGTTTATTCGATCTGCTCACCGATTTACCCCACTTACAGACACTCATC  ${\tt CGCCAGAGCGGATTTTTCGGCTATAGCCTCTATATTCTGTTATTCATCATTGCCACCCTCTTGCTGTTACCAGGAAGCAT}$ ATTGAAAAAGGCATTGCGCGTAACGGTATTGATTTCTTATTCTGACCCGCTTAATCCCGTTGTTTCCTTACAATATTCA AAATTACGCTTACGGATTAACCACAATCGCCTTCTGGCCTTATACCCTTATTTCGGCACTCACGACCCTACCCGGTATTG TTCGAACAGCCAACCGCTGCGTGTCGATGCCAATAACCATACGGTAACCATGCTGGTGCAAATTAATGGTCGTTTCCTCA  ${\tt CCGACGACACTCGTCACGGTATTGTGTTTAAAGATGGCTCCAACGGACATAAATCGCTGTTTATGGGTTATGCGACCCCG}$  $\tt AAAGCATTTTATGAAGCCCTGAAAGAGGCAGGTGGTACGCCGGGCGAAAACATGACGATGGATAATAAAGAAACGACTCA$ TGTCACAGGCAGAACTGGATATTTCGGTCAACTGGCAAGGGGCGCAAAAGCGTATTCCTTCGATGAAGTGATTGTTG  ${\tt ACAGTAATGGCAAGAAACTGGACATGCGCTTTGGCGGTAATTTAACGGCAGCAGAAGAAAAACGGGTTGCCTGGTG}$ TGTCTGGATAGCTGCCCGGTCGGCATCGTCAGCAATGCAACATACACTTATGGTGCGGTTGAAAAACGTGGTGAAGTTAA ATTCAAAGGCAATGCCTCAGTTCTCCCGGCGGATAACACGCTGGCAACGGTTACCTTTAAAATCGCCGAATAAAGCCAGG ATAAAGGATGATGATGCAATCGCGAAAAATCTGGTACTACCGTATAACCCTCATCATCCTGTTGTTCGCTATGCTGC GTTCGATGGCCGGCGCGCGCTGTGCTTTTTTATCGCCAGAGTGATGGCCCGCGAAGTGGTGGAAAAATTAACCGGCAAA  ${\tt ACCGTGCTTGACAGTATGGACGGCTTTTTCACTCGCTACGGCAAACACCACTCTGGTCTGTCGGTTATTGCCTTTTGT}$  $\tt CCCTTTCGATCCAATCAGCTATGCTGCCGGTTTGACTTCAATACGTTTTCGCTCGTTTTTTATCGCCACCGGGCTTGGTC$  ${\tt AGTTACCGGCAACTATTGTTTATTCCTGGGCGGGCAGCATGTTAACAGGCGGTACTTTCTGGTTTGTCACCGGACTGTTT}$ ATTCTGTTTGCCCTGACCGTGGTGATTTTTATGGCGAAGAAAATATGGCTTGAACGCCAGAAGAGGAATGCCTGATGGGT TTACCGCCGCTTAGCAAAATTCCTTTAATTTTACGTCCACAGGCGTGGCTGCATCGTCGCCATTACGGCGAGGTGCTAAG  ${\tt ACCAGTATGAAAGTCGCCGAGCGCACCGGCAGCAGCGGTAAACTGCTGGCAGTGGCTGACTGGCGGCAAAGCCCGCTCTT}$ TAGCGATGAAGAACGGCTGGCGCTGGAGTACGCCGAAGCCGCAAGCGTAACGCCGCCAACGGTCGATGATGCCCTGCGTA  $\tt CCCGACTGGCTGCGCATTTTGACGCTCAGGCGCTCACCGAACTGACGGCATTGATCGGCCTGCAAAATCTGTCAGCCCGT$ TTTAATTCTGCCATGGACATTCCCGCTCAGGGGCTGTGCCGTATTCCTGAAAAACGTTCTTAAGGAGAGATGATGCGCCA TTGTGGGTGGTTGCTGGGATTGTTATCGCTGTTTTCCTCGGCAACACATGCCAGTGACTGGCAAGAAATTAAAAATGAGG ATGAAAACCCATTACGCTATAAACCTGAAGATTGTCCGTCTGGCGGATGCCGCAGACGCGGTGAAGCGCATTCAGACCGA AGCCGCAGCCGGACGTAAAACGGGCGGCTCGGTGGATCTGCTCTGGGTGAACGGCGAAAACTTCCGCACCTTAAAAGAGG  ${\tt CCAATTTATTACAAACGGGCTGGGCGGAGACTCTGCCCAACTGGCGCTATGTCGACACACAGCTGCCGGTGCGGGAAGAT}$ A CAGCCACCACAAACGCCGCAAGCCTTACTGGAGTTTGCTAAAGCCAATCCCGGCACGGTTACCTATCCGCGCCCACCGG ACTTTACCGGCACGCGTTTCTTGAACAGTTGCTGATTATGCTGACGCCCGATCCCGCCGCATTAAAAGAAGCGCCGGAC GATGCGACTTTCGCCCGTGTCACTGCTCCCTTGTGGCAATATCTTGATGTGCTGCATCCGTATTTGTGGCGCGAAGGAAA GGATTTCCCGCCTTCACCCGCGCGCGGATGGATGCTCTGCTGAAAGCCGGCACATTGCGCCTGTCGCTGACCTTTAACCCCG CGATGCGCAACTGCGTAAAGCAGATCCCGCTGTCTGGGGCGATCCTTCTGTTCTCGATCCGCAAAAACTGCCTGACGGGC  $\tt CTGGAACAGAATGGCTACACCGTTACGGTACGCATTAATCTTTTTGCTGTGGGCGATGGTGGCGGTGATTTATGCACCG$ TGGCGCTGTGGCCTGGGCCGAAATGGCAGCGTATGTGCGCCCGTCTGCCGTGGCTGCCCATTCCCCATGTGGCTTTT GCCACCAGCGCCCTTCTGCTCTTTGCTGACGGAGGGCTGCTTTATGACTATTTCCCGTATTTCACTCCGCCAATGGACCG AAAAATGGCTGTTGCAGCAGGTCATTGTGCTGGATTCGCTGGGCTACAGCCGCTGGCAATGCCTGAACTGGCTGCTGTTG TCTCGGGCCAGGTAATCCCCCGACGCTGGCGGTAATTAGCTGGCAGTGGTTAACCCAGGGCGACATTGACCAACAACAA AAGGCGCGCTTGCCAGCCTGCTGTTGATGCTGTTACTCGCCGCCTACGTTTTGCTGAGCTATCTGCTATGGCGCAGCTGG  $\tt CGGCGCACTATTCCCCGCGTAGATGGCGTTCGCAAGCCTGCCACGCCTTTATTGCCGGCCAATACGCTGGCGATTTTTTT$ ACCCTTAACCGGTGTGCTGTGTGTGTTCTGCTGGCGATCCTCGCGGATCAGTCGACGATCAATAGTGAAGCGCTCATCA A CAGCCTGACAATGGGGCTGGTGGCGACATTCATCGCTTTGCTCCTGTTACTGCTGTGGCTGGAATGGGGGCCACAGCGTGAAACTGGATGGAAGCTGGACGGCGGTGGTCTGGGGGCATCTGCTGTGGGTGATGCCGTGGATGCTGTTTATCCTGCAAC GTGAAATGCCCACTCATGTTGCGCCCTGTGCTGATTGCCTTCGCGGTGGGATTTGCAGTCGGTATTGCGCAGTATATGCC TTCTCGCCGCCCAGGCTTTATGGCAACTGCTATTACCGCTTATTATTTTTTGCCCTGACCGCGTTAGTCGCAAAATGGGTA GGTTATGTCAGACAAGGACTCCGCTAATGCTCTGCGTGAAAAATGTTTCGCTACGTTTACCAGAAAGCCGCTTGCTGACA  ${\tt AACGTTAACTTTACGGTGGATAAAGGTGACATTGTCACGTTAATGGGGCCGTCTGGCTGTGGAAAATCCACTCTGTTTTC}$ ATGGATGATTGGTGCACTGGCCGAACAGTTTTCTTGTACAGGTGAGCTATGGCTCAATGAGCAACGGATTGACATCCTAC $\tt CCACCGCACAGCGTCAGATTGGCATTCTTTTTCAGGATGCACTGTTATTTGACCAGTTCAGTGTCGGGCAAAATTTACTG$  $\tt CTGGCGCTACCGGCGACACTTAAAGGGAATGCCCGACGTAATGCCGTGAATGATGCACTTGAGCGTTCAGGCCTTGAGGG$ GAAGTTCGCGCCCTGGCGATCCCCGTCGTTCAGGTAACGCACGATCTCCAGGATGTTCCTGCTGATAGTTCTGTTCTGGA TATGGCGCAGTGGTCAGAAATTACAACAAACTGCGATAACGCAAAGTTTTTCTCAATGCGTCAGTTCAGAATGGCGCAC  ${\tt TCGCCCCAGCGCGTTTTATAACGGCTGGCCACAAACCTTAAATGGCCCCTTCTGGTCATGAACTTGCCGCCTTAAACCTCT}$  $\tt CTGCCAGCTGGCTTGACAAAATGAGCACCGAACAGCTCAACGCGTGGATCAAGCAACATAACCTGAAAACCGATGCTCCG$ GTGGCGCTGTACGGTAATGACAAAGATGTCGACGCCGTCAAAACGCGACTGCAAAAAGCAGGTTTAACGCATATCTCCAT AGTTTCTGATGAACAACTAAAAGCGATGCTGGCAAAACACGGCATTCGCCATGACACCACGGTCATTCTGTATGGGCGTG ACGTATACGCTGCAGCGCGTGTGGCGCAGATTATGCTTTATGCTGGCGTGAAAGATGTGCGCCTGCTGGATGGCGGCTGG GATCCCGGCACACCGCAGTTGATGCTCGATATGGAACAGGCCCGTGGACTGCTGCATCGCCAGGATGCATCGCTGGTGA GCATTCGTTCGTGGCCAGAATTTATCGGTACGACCAGCGGTTACAGCTATATTAAACCAAAAGGTGAAATAGCCGGCGCA CGTTGGGGACACGCTGGTAGCGACTCGACGCATATGGAAGATTTTCATAACCCGGATGGCACCATGCGCAGCGCCGATGA TATTACCGCTATGTGGAAAGCGTGGAATATCAAACCAGAGCAGCAGCTTTCATTCTACTGCGGCACCGGCTGGCGCGCGT  ${\tt CCGAAACCTTTATGTACGCACGCGCCATGGGTTGGAAGAATGTTTCCGTGTATGACGGCGGCTGGTACGAATGGAGCAGC}$ GATCCAAAAAATCCGGTAGCAACCGGTGAACGCGGCCCGGACAGTAGCAAATAACATTGCAATTACTGACGCTGGAGCGA CAAACCATGCAGGGAATAAACATCCCAGCACAAACAGTAAGATCGTTTCTGTGCCTTCGGTTAATCCCCCCAGATAGTAA  ${\tt AACGACTTATGTGCATAACCGGGGTTATCAATCTGATGTTTTGCTGCCAGTGCAGCAAAGGCGAGAAAACTGCTGCCCGT}$ GCCGATAAACGCAAACAACAACCAGCCGCCTGCCAGCGCATTTTGCTCCGGTGCAGCAAGAATAAAGCCAAACGGCACCA TCCAGACCATCAAGCAGCCTGTTCAACAAAATGACGACTAGCGCCGCCAGATACCAGCCCAGCGCCAGAAACGGCAGAGC GCAACAACGGTTTAATCCGGGGATGAAGATGGCGGTCTAGCACAGGCACTCCTTAAATATAAAGCCTTTCTGATTGAGCA ACAGTGCGGATATTATGGCATTTTTCGCTTATCTGCCCGTGTGTAATTTATGAAAATGATTGAAGTTGTTGCCGCCATCA TTGAACGTGATGGCAAAATTTTACTCGCGCAACGCCCCGCCCAGAGCGATCAGGCGGGATTATGGGAGTTTGCCGGTGGT AAAGTCGAGCCGGATGAAAGTCAGCGGCAGGCGCTGGTGCGTGAGTTACGCGAAGAACTGGGCATCGAAGCAACTGTGGG TGAATATGTTGCCAGCCATCAGCGAGAAGTTTCGGGGCGGATTATCCATCTTCATGCCTGGCACGTACCCGACTTCCACG GACATTCCATTATTAGAGGCGTTTATGGCTTTACGCGCCGCCAGACCAGCGGATTAGTGCTAAGGGTTTTGTCATCACGC TGGCATTGCAGCAGTATTCCTTCGGCTTTAATTACCGCCCCTTCAGAATAATTTTGATCCTGATAAACGCAGCACTGAGT TAGCCAGTGCAATTAATGGAAATGCTAATACTACGGCGAACAATGCTCGACTCACAGGGAACTCCTTAACGTTATTGTCT TAATTTGCTTTCCTGGGTCATTTTTTTCTTGCTTACCGTCACATTCTTGATGGTATAGTCGAAAACTGCAAAAGCACATG ACATAAACAACATAAGCACAATCGTATTAATATATAAGGGTTTTATATCTATGGATCAGACATATTCTCTGGAGTCATTC  $\tt CTCAACCATGTCCAAAAGCGCGACCCGAATCAAACCGAGTTCGCGCAAGCCGTTCGTGAAGTAATGACCACACTCTGGCC$ TTTTCTTGAACAAAATCCAAAATATCGCCAGATGTCATTACTGGAGCGTCTGGTTGAACCGGAGCGCGTGATCCAGTTTC GCGTGGTATGGGTTGATCGCAACCAGATACAGGTCAACCGTGCATGGCGTGTGCAGTTCAGCTCTGCCATCGGCCCG TACAAAGGCGGTATGCGCTTCCATCCGTCAGTTAACCTTTCCATTCTCAAATTCCTCGGCTTTGAACAACCTTCAAAAA TGCCCTGACTACTCTGCCGATGGGCGGTGGTAAAGGCGGCGCGATTTCGATCCGAAAGGAAAAAGCGAAGGTGAAGTGA TGCGTTTTTGCCAGGCGCTGATGACTGAACTGTATCGCCACCTGGGCGGGATACCGACGTTCCGGCAGGTGATATCGGG GTTGGTGGTCGTGAAGTCGGCTTTATGGCGGGGATGATAAAAAGCTCTCCAACAATACCGCCTGCGTCTTCACCGGTAA GGGCCTTTCATTTGGCGGCAGTCTTATTCGCCCGGAAGCTACCGGCTACGGTCTGGTTTATTTCACAGAAGCAATGCTAA  ${\tt AACGCCACGGTATGGGTTTTGAAGGGATGCGCGTTTCCGTTTCTGGCTCCGGCAACGTCGCCCAGTACGCTATCGAAAAA}$ GCGATGGAATTTGGTGCTCGTGTGATCACTGCGTCAGACTCCAGCGGCACTGTAGTTGATGAAAGCGGATTCACGAAAGA GAAACTGGCACGTCTTATCGAAATCAAAGCCAGCCGCGATGGTCGAGTGGCAGATTACGCCAAAGAATTTGGTCTGGTCT ATCTCGAAGGCCAACAGCCGTGGTCTCTACCGGTTGATATCGCCCTTGCCTTGCGCCACCCAGAATGAACTGGATGTTGAC GCCGCGCATCAGCTTATCGCTAATGGCGTTAAAGCCGTCGCCGAAGGGGCAAATATGCCGACCACCATCGAAGCGACTGA TGGCACAAAACGCTGCGCCCTGGGCTGGAAAGCCGAGAAAGTTGACGCACGTTTGCATCACATCATGCTGGATATCCAC TGCCGATGCGATGCTGGCGCAGGGTGTGATTTAAGTTGTAAATGCCTGATGGCGCTACGCTTATCAGGCCTACAAATGGG  $\tt CACAATTCATTGCAGTTACGCTCTAATGTAGGCCGGCCAAGCGCCCCCGGCAAAATTTCAGGCGTTTATGAGTAT$ TTAACGGATGATGCTCCCCACGGAACATTTCTTATGGGCCAACGGCATTTCTTACTGTAGTGCTCCCAAAACTGCTTGTC GTAACGATAACACGCTTCAAGTTCAGCATCCGTTAACTTTCTGCGATAGCAGCAGATATGCCAGTAAAGAAATCCCATTT AGTTCTTCTTCAATTGTCCCGTTTTGAAAAGCTGTGCTTGATATCGAGATCATCCATGATAATTCCGCCGCCCATATTAG  $\tt CTTCGCCGAGGATTTACCGGAGCTATGATTAGCGCAATCAGAGATATAGTCTGAGGGAAAAACAGCAAATTTATTCAACA$  ATTAAGGCACAATAACTTTCGCTATCTTCGATACCCCATTGATCCTCTAAAGACTCGCGTCTTTTACTTATGATATCGAT CGAGTCAAAAGGAAGCACATGATATTGGAAGGTATCTTTGCCAGGTTCAGGCTTTCGCGGCCAGAACTCCAGCGTTTCAG CGACAACACATGTTAAATAAAACCCCCACTTACAAAGCAGCATGGCCTTATTTTCTTTAATCATCCGTTCAAAATTACTA TTAAATATTTCCCAGCCATTAAAAGAATACTTCTCGCTCCCAGGATGGTTTTGTAATAAAACTTTTTTCATCACATTCCC TCAGAATATGACTCGAATAGCACGAAAGATTCACTCGCTTACGCTATCGCCCCGCTTCCGACTTCATCTGCTGGCGGACT TTTTTTCGCACTACGTTTACGCGGTGCAGCCTTTTTCTTATCAGCACTGCCACCACTGCCCGGAGCCACAATGCCGCGAA ACTGCCGCACCGGCGTACGTTTGGCTTGATCAATAAGCTGATATAGCGTCCCCACCAGCGGCTGCATAAAGTCCTGATAG GTTCAATAATCCCGGCACGCGTTGCCTCTGTCCCCAGACCATCGGTCGCACGGAGGATCTTTTTCAGATCTTTATCCTGC AGTTCGATAACACACTTGCGGAACACCGCATCCGGGCAGAATTGCATCAGATACTGACGGGCAATCAGGTTATAGACCTT CGCTTCGTTCTCCGTCAGGTTGATCGCAGAACTCCGTGCGGTCGGAATGATGGCGTGCGCATCGACCTTTTTGTCAT  ${\tt CCCAACAGCGGTTGCGTATATCTGGATCTACCACTGGCTGCGGCAACAGATCCGGTGCATGAACACTGATGGCATTCATCATCACACAGATCGGGTTGCATGAACACTGATGGCATTCATCATCACACAGATCGGGTTGCATGAACACTGATGGCATTCATCATCACACAGATCGGGTTGCATGAACACTGATGGCATTCATCATCACACAGATCGGGTTGCATGAACACTGATGGCATTCATCATCACACAGATCGGTTGCATGAACACAGATCA$ ACCGCGTGGCGTCCGGCAAAATGTTCTTCTGGCAAATAGCGACAATCAGAACGCGGATAAGTGATTAGCTTGTGCGTTTC GTACAGTTTCTGGCAGATATCAAGCACGTTCTGCGCACTCAGACCAAAACGTTTTGCCGCTTCAATCTGCAACGCTGAAA GCGAAAAAGGCAGCGCGCGGATTCTGATTCCCGTTTATCGTTATAGCTGGTGACAATAGCCGGTTGACCACTAATGCGG TTAACCACATGCTCCGCCAGTGGACGATGTAACAAGCGCCCTTCTTCATCCTGGTACGGTTCACACGCTTCGCTCGGTTG  ${\tt CCAGATAGCGGTAAACCGCTCATCGGCAGGTGTCACGATATGTGCTTTGACTTCAAAGAAGTCTTTCGCCACGAAGTTTT}$ GCATTGCGACCGAGAATGGTATACGCACGGGTCATATTGATGCCGTACAGCCAGTCGGCACGCGCTCGCGCCAGCGCAGA  ${\tt TCAAGCAACGCTGTACCTGCTGCCGCTTTTCCGGTGCCAGTTGCAGATAGTCCAGCACTTCATCCACCAGCAATTGCCCT}$  $\tt GGAGGGTCGGGGCTGTAATTGCCACTTTTCCGGGACAATCGGCAAATCCGCAAGATTCCAGCGCGCATAGCGGCTGTCGT$ TGAATTAACGAATCTCAACCATGGCACGACCGCCGCGCGCTGGCACCAGTTCGCCAATTGCCGTCAGTTCAATGCCAAAC  ${\tt CCCTGACACATTTCGCTCAAGTGGCCCAGCAGACCAAAGCCCGTAACGTCGGTCATCGCTTTTACGCCTTCGATGTTGGC}$  ${\tt AAAGGACGCCCTGCGATGTTCATCCGGCACATCACTTCCGTCGCCAGTCCCTGATGTTCTGGTTTCAACAGTGATTTTT}$ TCTCAGCCGTGGTAAGAACGCCGATCCCCAGCGGTTTCGTCAGGAACAGTTTGCATCCGGCTTGTGCGGTACTGTTTTTC TTCACCCGCTCGGTCGGTACGATCCCCGTTACCGCCAGACCAAAAATCGGCTCCGGCGCATCGATGGAGTGACCGCCAGC ATGCGGCCAAAATCGAAAGGATTATCAACGATCGGCATAAAGAAGTCGGTGGTACTGATAACGCTGGTGCCATTGCCCAG ATCGTACACCGCCGCATCGTCGCGGGTTTCATTACCCACAAGCAAATTCGGATCAACAAACTTCGCCTGCTCACTATGCA GGATGGTTTCCAACACTTTTGGGGAAATTTTACAGCCGCAACCAGCTCCGTGGCTGTATTGGGTCAAACGAATCGAGTTC TCGCTCATGGACATCTCCTGTCAATGCAATCCGGGTATGGTAACCCTCATTCCGTGAAGTGATAAGTGAGAGTGTCTGAA TTCCTGCGCCTTTGCTCACAATCCAGACAGTTTCGCGACAATTATCAGAAATAAGTTACAAACGGCGTCGGGTCCGGGAC GTTAATCGACGTAGATGCTTTCAGCTGCGGCGTACCGAGGTAGAGAAAACCGACAATTTTATCCTGCTCACGGCAACCGA ATGCTTCACGCACTACCGGACTTTCAGTTAATGCGCCACTGCGCCAGATGCCGCCAAACCCCTGGGCAACTGCTGCCATT TGCATCGCCATGACCGCGCATCCGGCAGACATTTCCTGTTCCCAGCGCGGGACTTTATGATTCTCTTCGCATTTCGCCAC CACCGTGATGATGAGCGGTGCGCGGAACGGCGCATTACGGGCTTTGTCGATAGCTTTGTCATCACTACCGGCAGCAATCG  $\tt CCCCCTGTTCCAGTACGGCGCTGAAACGCTCGCGCCCTTCCCCTTCAATCACAAAAAAATGCCACGGTTGCATGGACTTA$ TGGTCCGGCGCACGCATACCCGCACGCAGGATGTTTTGCAGTTGTTCACCCGTTGGCGCGGGTTCAGCCAAGCGGGAGGC GAGTGGATTTTGTTACAGCACAGTCCGCAATTCCTGCTGACAAGTACCGGTTGGGTCATTACGATAACCACATCTATTGC GGATGCAGGTCAGTGGTGGTGATTCGAAAGAACGGCCAGTCGTGGCGCACTGCTGCTGGACATTTCTGGTGTGATCGTC GATAAACCCGACAGTTCTCAGCGGTTTAGTAAATTAAGCCGCCAGCTGCTTGGTGCCAGTTCCGATCGTCTGCAGGAAAA  $\tt CTCACTGTTTGATATCGTCAACACTATTCGCCAGGCGAAGGACGACGCCAATATCACCGGTATTGTGATGGATCTGAAAA$ TATGCCGTTGGCGAGACTACAGCCAGGGGCAATATTATCTCGCCAGTTTCGCCAATAAAATTTGGCTGTCTCCGCAAGG CGTGGTTGATCTGCACGGCTTTGCCACCAACGGTCTGTACTACAAATCGTTGCTGGATAAGCTGAAAGTTTCCACCCATG TGTTCCGCGTGGGTACGTATAAATCTGCCGTTGAACCGTTTATTCGTGATGATATGTCACCGGCAGCCCGCGAAGCTGAC AGCCGCTGGATTGGTGAGCTGTGGCAAAACTATCTGAATACTGTTGCCGCTAACCGGCAGATCCCTGCTGAGCAGGTATT  $\tt CCCTGGCGCGCAAGGGTTGCTTGAGGGTTTAACCAAAACCGGTGGCGATACCGCGAAATATGCACTGGAAAACAAGCTGG$  ${\tt TCGATGCACTGGCATCGAGTGCGGAAATCGAAAAAGCACTGACCAAAGAATTCGGCTGGAGTAAGACTGATAAAAATTAT}$  ${\tt CGCGCCATCAGTTATTACGATTACGCATTGAAAACGCCGGCAGATACCGGTGACAGCATCGGTGTCGTCTTTGCTAATGG}$ CGCAATTATGGATGGCGAGGAAACTCAGGGGAATGTTGGCGGTGATACCACTGCGGCACAAATCCGCGACGCTCGCCTTG  $\tt CTGGCAGCAGCCGGGCAGCGGGTAAGCCTGTGGTTGTATCGATGGGCGGCATCGGCGGCATCTGGTGGTTACTGGATTTC$ CACGCCAGCTAATTACATTGTGGCTAACCCCAGCACCCTGACCGGTTCTATCGGTATCTTCGGCGTGATCACCACCGTAG GCGTCATTCGACGCCGGAGCAGATTGATAAAATTGCCCAGGGCCACGTCTGGACCGGTCAGGATGCAAAAGCTAACGGGC TGGTCGATAGTCTCGGGGATTTCGATGATGCGGTCGCCAAAGCAGCAGCAGAGCTGGCAAAAGTGAAACAGTGGCATCTGGAA TATTACGTTGATGAACCGACCTTCTTCGACAAAGTGATGGACAACATGTCTGGTTCTGTCCGGGCAATGTTGCCAGATGC GTTCCAGGCCATGTTACCTGCACCGCTGGCCTCGGTAGCCTCTACCGTTAAAAGTGAAAGTGACAAGCTGGCCGCGTTTA ATGACCCACAAAACCGTTATGCGTTTTGCCTGACCTGCGCCAACATGCGTTAAGTCTTGTACTGAGTGGCCGACAGATCG  ${\tt TCGGCCACATTATTTTTACGTCGACGAATCCTCTTCCCGCTGTTTTCGCCCCATATTTCCTTATCCGCATAGTATCAGGT$ GTTGCCTACACGGGCGGACCATCGGGATGCAGCGTTCCGAGCAGGGTTATATACCGGTGTCAGGTCATCTACAACGCCA  ${\tt ACTGGCGCTGATGCCGGAATTCCATCGCCCGGAGATGCCAGATTTCACCATTCATGAATATACGCCGCTGATGGATTCTT}$  ${\tt CTGCACGGCACCGACACGATGGCGTATACCGCCTCTGCGCTGTCGTTCATGCTCGAGAATCTCGGTAAACCGGTCATTGT}$ GACAGGGTCACAAATCCCGCTGGCTGAGTTACGCTCTGACGGACAAATTAATCTGCTGAATGCGTTGTACGTTGCGGCGA ATTATCCGATCAACGAAGTAACGCTCTTTTTCAATAACCGATTGTATCGCGGCAACCGCACTACCAAAGCCCATGCCGAT GGTTTTGATGCGTTTGCCTCTCCAAACCTTCCTCCGTTACTGGAAGCAGGTATCCATATTCGTCGTTTTGAATACGCCACC  $\tt CCACAAAACAAAGCCTTCCTGCAGGAATTACAAGAAGCCAGCGATCGCGGTATTGTGGTGGTCAACCTGACACAATGTAT$ GTCCGGTAAAGTGAACATGGGTGGTTATGCCACCGGTAACGCCCTCGCCCATGCCGGCGTAATTGGCCGTGCAGATATGA CTGTAGAAGCCACGCTAACCAAACTGCATTACCTGCTTAGCCAGGAACTGGATACTGAAACCATTCGCAAGGCCATGAGC AAAATGATTTCTGTGCTGGTGGCGCCTCGCCGTGCCGGAAGGTGACAGTACGGTGGATGTCGCTAACCGCCTGATTGAC TGGTGCCAGTCGCGCGGTGAAGCGGTTATCGCCAGTCAGGACTGGCACCCGGCGAATCACGGCAGTTTTGCCAGTCAGCA  $\tt CGGTGTAGAGCCTTATACGCCAGGCCAACTCGACGGTTTGCCACAAACCTTCTGGCCAGATCACTGTGTGCAGAACAGTG$ AGTTACAGTGCCTTTTTTGATAACGGCCGTCGGCAGAAAACCTCTCTCGATGACTGGTTACGCGATCATGAAATCGATGA ATTGATCGTTATGGGCCTGGCTACTGACTATTGCGTGAAGTTTACCGTGCTGGACGCGTTACAGTTAGGTTATAAGGTAA  $\tt GGGGCAACGCTATATACGCTGGCAGACTGGGAAGAGACACAGGGGTAATTTTACGCTGGCCTACAATTCTGTACTGGCAT$ TGTAGGCCAAATAAAACACGTCAGTGGCACATCTGGCAATTGATGCCATCAACGAAAGATTTAATTCACCTCAGAAATCT CTTCCAACGACACCTTCCGCGTTTCGATGCCAAAAATGGAGAGAACCAGCGCACAGAGCAATAACATAACACCAAGTACC GGCATTAACGAAACCCGAACCGCGCGGGGTAAATGCGTTGGCCAAAGCTCCGGGATATAAACCGCCGACGCGAAGCAAA CATACATGTATAAAAAGAAGATCATCACCAGTCCATAGATTAAAATCGCCCACTCTGTAGTCTGAATTGAATAGATATAG TATTCCTACCGGAGCGCCAATCATAATAACAGCGGTCATTAATATTGATTTATCGACATCAATGCCGGAGTTAACAAATA TGGTCGGTATCCATACGGTGATGGTATAAAGCGAAATGTTCATTGCAATTAAAACAGTAATCGCGACTAATGTACGTCGT AACATTTCACCTTTAAACAGGAGCCAGAAAGTACCCTTGATTACTTTAACCTTGCTGTTGCTCTGATACGAAGTAAGCGG GGGTAAACGAATACTCTTCTCTCTTTCAATTTGCTGCTCTACTTCACGAAGTTGGCATTCTGCACCTGCGATTTGCCCTT TCCCTGCCAGCCATCGTGGCGACTCGATAAAGTATTTACCTGAGAGAAACCAGGCTAACAGTATGCCAATACCACCCAGC AGAAACATTATTCGCCAACTAAAAAAAGCGATAACCACCACGCCTATCGCCGCAGACAGCATGGGCGACCAGTTACCAAC AAATGAGAGCCGCGCGGACCATTTTCCACGCACCGTCGCGGGGATAAACTCCGTAAATGAGGCATAGCCAACCATAATCA GCGCCCCCATTCCTGTTCCCATCAGGAAGCGAAAGAAGATGAGCCAGTACATATCAGGGACAAAAGCCGCCCCTGTTGCA GCAATACCGACGATGAGAAGATTTATGCGAAACGCCCTGCGCCGCCCAAAGTAGTCACCAATAAACCCACCAGTAAGTGA TTGCTAAGACGACATTACCGGAGTAACTCAAAAACCCTGTTAATAACAGACTAAAGCTTATAATACCAAATATACGATAA TGAAACCGGGCCAAAGGCAAGCGGTCCAGTCTTGCGCCAATTTGATCATATTGTTCCATTAGGTGCCTCGGATTTGCTAA AAAGGTAGCAATTGCGGCAAATTCACTTGCCGCATCTTTATCATCATTTTATTTCAAGGCGCAGGAACAAATAATATTGA CAACGTGTGCTTAAATTACCACACCAGCTGGATATTATTGTCTTTGCAAAATGCTATCCACTCTGCACCCGGTGATTTAT CAGTTATTATGTAATTAATATGACTAAAATCAGCTAACTGGACAAAAGCTTTGCGATCAAACTTAGAGTGATCAACCAAT  ${\tt AATATCAAGACCTTTACAACTCATTACCATGATATCGACATGATAGCGCCTGATGATCTCTTTAGTAATTCTTCCTTGCATGATATCAACTCATTACCATGATATCGACATGATAGCGCCTGATGATCTCTTTTAGTAATTCTTCCTTTGCATGATATCAACTCATTACCAACTCATTACCAACTCATTACCAACTCATTACCAACTCATTACCAACTCATTACCAACTCA$ TGCCATGGTGGTTTTATTGTCGATAAAGGGTAGTGCCTTGCGTGCAATAAGCTGCTTCTCTTCATAAAACGATGAAGCGC GCTTATAAAAATGGATATTCTCCGTCAACATCGCTGTATTTAAAACAGCACCACCATAGGTTCTGGTCAAAAAGCCTTCA TCTTCCAGCTTCTCAAGATCGCGGCGAATGGTTTCTTCGGTTACCTGAAAAATCCCACTCAAATTTGAGACTGTCACCTT TTTATCGTTGGCAACCATTTGCTTAATTGCCTGAATCCTGTCTTTTTGCCGCCACGATTACACCCCTGTATCTTTTTACAT CACATTAGCGCGATTATCGCATAACCGATGTTTACTTTCAAAATAACCTGTTTGAATCACAGATTTTCATCACAGTTTTC  ${\tt ACAGAAACAGAGGTGAATCGTGTTGAGTATTTAACGCTCCAGGGCCTCTGCCATTTCCCTCATCAATGTTGCGTCTGCAATGTTGCGTCTGCAATGTTGAATGTTGAATGTAATGTTGAATGTAATGTTGAATGTAATGTAATGTTGAATGTAATGTAATGTAATGTTGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGAA$  ${\tt CCGATAAGTTGATATTCAGTGCCGCGACATTTTCGCGTACCTGTTCCGGTGCAGTAGCCCCACTAAGAATGGAGATTAAA}$  ${\tt TCACTCTGTTTTAATATCCACGCCAGTGCCAGAGTGGGAATTGTGCACTGATAACGAGCACAAAGTGGCTGCCACTGTTC}$ GAGTGATGGTGCCGGTCAACAATCCCTGCTCTAGCGGGGAATAAACCTGAACCACAATGCCATTATCACGACATAGTGGC AGCAGTTCGTTTTCCATTGCCCGGTCGAGGATACTGTATTTCGCCTGAATAATATCCAGTTCACCATATTGCAGATACTC CAGTTTCAGCGATCGGCGTAAAAAATGGCGGCACCGACTGCCAGTGCGTCATGTAGATATCGATGTAATCAATACCCAGA  $\tt CGTTGCAAGCTCGCTGCTACCTCTTCGCGGATAGATTCCGGGGAAAGGTTTTTATACAACTGCCGATCGCCAACTTTGTT$ GAATAAACTTCCTTTTCGTTCCCAGACATGCCGCATTTGGTTTCTACTACAACCTGTTCACGGGGCAGTTTTTTTAACG 

TCAAGAATCGTATCAATACATATTTGCCGATCGAGATCGCCATTCCATGCAGGACCGCCGCCAATGGCCCATGTCCCCAA GCAATTGTTCGACCAGCTTTCTGTTTTTTACGCCGGTGGTGGCACCGACGCTTAGAACCGAGATAGCCGCCGTTGCATTG GCAAAGCGTGCGCATTCACGCAGATTTTTGCCTTCTAACAGTGCCGCAATAAAACCTGAAGCAAAGTTATCGCCCGCGCC AATGGTGTCGATGGCGGTTATTCCTGCGACCGCCGGCACCTTCATCGTCATGTCACCACGCTTGATAAAGCAGCCGTCTT TACCCGTTTTAATCACCACCGTTTTTTACGCCGCACGCAAGAAAGCAGTCAGCAATTTCATCCAGTGTCTCTTTCCCGGTG AGTAATTTTGCCTCGGCAAAATTAGGAAACAGATAATCGACATAACTCAATGCTTCGCAAATATCATCCAGCGTTTCATT  $\tt CAACCGCGGTTTGATCATATCGGCACAGATAATCATCTGCCGGGCTTTAGCTTGCGTAAAAATTTCTGTTAGCGCTTTAC$ CATCCAATAGTGGACTGTTGAAAATACTGGCCAGTGATAATAATTTCGCCTGAGAAAACCGCGCAAAATCAACATCGTCA ATATTCAATTTCCACAGACTGCCATTACGGTTTGTGACAAACGTCCGCCATCCTCCGTCACCAGTCCAACGTTAAT AGAGGTATCTATGCTGACGTCCTGCTTCAGGCTTTGAATATCAATATTCTCTTTTGCGGCAATGGTCGAGAATAAATTGCC  $\tt CTGCGGCATCTTTACCAATACGACTCATTAATGCTGTGCGATGGCCCAGACGAGAAATAATTGTTGCTTCATTTATTGCA$ TCACCCCGGTGGTCATTGCGATTCTTTCAAGAGGATAAGAATCCACATCAAAGATATTTTTACTGACCGGTTGCAATGG AATATCAACAATAGCGGCACCTATACAAATAACGTCGAGATTATCCATATCATTATTCCGCTTTGCCATCAGAACCGAAC AGTTTAATTTTTCCAATGCCCGTTCTTTTACAGCTTTACGTACTTCACGTTCTAAATGCAGGAAAGGCTGATCCTGGTT TTCTTTCACTGCAACCATTGCGGCCTGACAGAGCTCCGTATGAATGTTGATTTTCGCGATACCCAACGAAATTGCAGTTT TAATGTCGGCATCACTGATCCCCGATGCACCGTGCAAAACCAGCGGAACAGAAACCGCCATCGCGTACGCGTTTGACGACC TCAAAGTTCAATTGTGGCTCTGACGTATAAACCCCATGCTGGTTGCCGATGGCGACAGCCAATGAATCACAGCCCGTACG TTCAACAAATTCAGCCGCCTGGTCAGGATCGGTATAGTGATAGCCCGCCAGCGCTTCCTCATAAACCGGTTTCATTACCGA  $\tt CATGCCCTAATTCCGCCTCTACCGGAATACCCAGCGGATGGAAGAATCGACAGCCTCTTTGGTTAAACGAATATTTTCT$ TCGAAATCAAACGCGGAAGCATCACGCATTAATGAATTCATACCATGAGTCCAGGCGTTATGAATAATCTCCATACTCCG ACCATGATCCCAATGAGTTATTACCGGCACCGTTGCTTTTTGTGCCATTGATACCATCATGTGAGAGAAATCTTCAAATG AGGTGTTACCGACAAAACCTGTACCAAAAGAAATAATAACCGGGGATTTCGCTTCTTCGGCTGCGTCGATAACGCCCATC AACATTTCTGCATACGTTAAAATGGGCAATTGCATAATGTTTATTTGTGGCATCGTTTTCCCAATATCTGATATC TGCGAGCATGTTCTCTCCCGTATTAATTAATCGCTAATTTTAATAACGCCTTTAATAATGTCGCGTTTGTTGTTAAC TGACTCTTCAAATGCCTGTTGTACATCCCGATAATCGTAAATATGCGTCACCATCGATTTCACATCGAATCGCCCTGAAG AAATTGATTGCCGAATCGCCGGGTACAGTACCAACAATCATAATTTTACCGCCGCGCATTACCAGATAAGGTGCCTGTTT AACGGTGACCGCAGAACCCGCTGTTTCGAAAACAATATCTGCGCCCATGTCTTCGGTAAATTGCTGACAGCGTGCAATAG TGTCTTCTTTTGCGCCGTTAATAACCACTGTCGCACCAAGCTGTTCCGCCATTGCCAGACGTTTTTCCAGCACATCAACG  ${\tt ACGGCAATTTCCGTTGCTCCCAGGCATTTGCACGCTTGCAACGTCATCAAACCAATACAACCTGCTCCCAGAATAATTAT}$ TGTCCATATTGTCGGGCAGTTTGTAAGTAAAGCTCTCCGGATGACACAGATAGTGCGTTAATGCGCCGCGGTAGTTGGGT TGTGTCGCCATAAAATCAACGTCCGGGCAGATGTTATATTTGCCTTCCAGACAGTAACGACAGTGACCGCAAGGAACGCC AGGTTCGATATTTACCCGATCCCCGGTTTAAATTTGCGCACGCGGCTTCCCACAGCCACAACCGTCCCGGCGCATTCAT GACCCAGGCCAATTTCTTGATTTGGGTCTTTAGGCGGAATAAACGGGCCTGATTCAAAACCATGTACATCTGAACCACAA ATACCGACATATTCTACTTTAATCAAAACTTCATCTTCTTTAGGCACTGGTATTTCTGCTGAAATAATTTTCATTGTGCC CTTTCAACGGAGACACCTTTGGTTTCGATTCCAATGGTGGCGATAGCAATTGCGACAATAATTGAAACCGCCCCAGAAG AATAAAGACTCCCGTAACGCCATAACTACTGAGCAGCACTGCAACGGCATAAGGTGCGGCAATACCACTGATTCGCCCTA  $\tt CCGCATTCGCCAGACCGGAGCCACGGAGTTTGGCCTCTGTCGGCCAGATTTCAGGGACATACACTGCCGAGGCATAGCAA$  ${\tt ACGTACATATAGACGAAGTAATCAGGAAGAACCAATCAACGTTATGAGCAACATACTGGTTTGCAGTGAATAGATATA}$ TCCGAGCACCGCAATCAGGATTAATAGCCCCACACCCATTGTTTTACGCGGAATTTTATCCATCACCAGCATGGCAATAA AAATACCAAATGGCGCCCAAACATACTCATGGTATTTAAAACAATCGAGTCTTTTAAATTAATCCCCTGGGTCATGAAT ATTGTTGGCAACCAGTTAATTAGTGTGTACTGCACAACGTTCATGGCAATCAGCACACAGAGCCTAATATCACGCGTTT AAGGTTTACCCGTCTGGCGTATGACGCCTTCTTCTATACTCCGCATGACTTTCTCCGCCTTCCTGATACCGTCCGCGCGAT TCCAGCCAGCGCGGGGATTCAGGAAAGTAGCGCCAGGCCAGCGCCGTAGCGATAAGCGACAATATTGCAGGGATAAGCAG TTGTACCCGCCAGTTCCACTCTGCACTAATCAGCGGCGTGAGTCCCATCGCTATCAATGAACAGAGCGGATATGACCAGT TGCCAATAAAGGAAACCCGACTTGACCACGTTCCACGATTTCTACCGGGCATATATTCGGTGAAACCAGCAAACAGCGTA AACCATCGAGGCAATATGAATGGCCTCATAGAGGATGAACGCATTTCTGCGACCGGTTTTGTCGCCAATGATGCCGCCCA  $\tt CCAGCGCACCGAGAAACATTCCGGCGGTCGTGATTGCTGAGAATGTGGCTGTGGTGGAATTATCTGTCCAGCCCAACGCT$ TGAATGCCAGCGGCAATCCGGTAAGCGATCCAGCCGTGCACCACAATGCGGTTTTGTTATCTGTTCCATGCGATAACGTT  ${\tt CCTTCAGGAGAGTGGTTATTCATCAAAGTCGTAAGTCATGATCACTTTGATTGCGGTTTTATCGACCATCGCATCAAACC}$ CTTCGCGCCATTGCGACAGGCCGATACGATGCGTGATCATCGGTTTGACTTTGATAGCGCCGCTGGCTAATAGCCTGATA GCGTTACGCCATGAGGTGGAGTCATAGGCCATATGCCCAATGATGCTTTTGTTCCAGGCGGTAATGTCATTAATCGAGAA TATTGGCACCGGAGCATTCAATCACCAGTCCCAGATTGTCTTTGCCACAAATTTGCTGGCAGCGCGCCACCACATCTTCG GTAGAACCATTTACTACTGCCGTCGCACCCAGTTCTTTTGCAACCGGGAAGCGGACCGCCACATCTTCTTGCAGACCAAC GACGACGATATTTACCGCCCCCATAATTCGCGCCATTTGTACGGAGAACAGCCCGAGTGGCCAGTGCCGATGACGACCA TCATAATCAACACCATCAGGGATTTCCCACAACGCATGACGATGAATTTTGAGAATTTCACCAGGAACCAGACAATATTT GGAAAAACCACCGCCCCAGGTATTATTATCCAGACCAAGGTTTACTTTTTCTGTACAACACAGAAAATCACCTTGTTCAC  ${\tt CCAACCTGCGCAATACAACCTGCGAACTCATGGCCGCGGATAGAGTTAAACTCATCAGAACCGCTATCGACATTGTAGTG}$  ${\tt CAATCATCTTGTAGCCGCCAAAGGCCTTGCCAAACCGAGCCAGTGCTTTCATTGCGTCATCCTCTGTGTTTTAGTTTTGCT}$ TAGATGGCCATCATACTTACCCACATGATTTTTGAGGTCAACATTAAATCTGTAAAACACAGATAATGATCTGCGTTTTA CAACTCAGATCACAATTACGCAGAAAATGGCTGGGTCTGTTACAGGTTGATGGAAGGCGGGGCGCAAAAAAGAGCAAATTC GAGAGGGATTACCGGCCAAATAGGTCTGAGACTTAAGTTCAGGAGAGTCATTCAGGTGTGAACGGGACGGCAAGAGATC GGACTGGGACTTAGCCAGGTCATGGCGAGATAATTGAGATGAGTCGTGGGGTCATTGTTGGCTATCCCCTTCATAGCCGA GGCAAAAAGGGGATGAACCACTTACTTAAACATGGCAATAGGCTTTGCTGAGATACCAAAATCTTCTTTTAACTGCTGTT TGCTCTTCATGACCATCTGACCATTTGTGTCAATTGTCATATGCTGTGCTTCGATATTATGGCGGGCTTGCCACAGCATC  ${\tt ACCAGTTGCAGGCAGTTCTCTTTTTGTTCCTCGGTCAACGCAACGCCATCAGGCCATTTCCCCAGTTCAACGCCGGTCGACGCCATCAGGCCATTTCCCCAGTTCAACGCCGGTCGACGCCATCAGGCCATTTCCCCAGTTCAACGCCGGTCGACGCCATCAGGCCATTTCCCCAGTTCAACGCCGGTCGACGCCATCAGGCCATTTCCCCAGTTCAACGCCGGTCGACGCCATCAGGCCATTTCCCCAGTTCAACGCCGGTCGACGCCATCAGGCCATTTCCCCAGTTCAACGCCGGTCGACGCCATCAGGCCATTTCCCCAGTTCAACGGCCGGTCGACGCCATCAGGCCATCAGGCCATTTCCCCAGTTCAACGGCCGGTCGACGCCATCAGGCCATTTCCCCCAGTTCAACGGCCGGTCGACGCCATCAGGCCATTTCCCCCAGTTCAACGGCCGGTCGACGCCATCAGGCCAGGCCATCAGGCCATCAGGCCAGGCCATCAGGCCAGGCCATCAGGCCAGGCCATCAGGCCAGGCCATCAGGCCAGGCCATCAGGCCAGGCCAGGCCATCAGGCCAGGCCAGGCCATCAGGCCAGGCCAGGCCAGGCCAGCAGGCAGGCA$  ${\tt CAAACGCTGGTATACCTCAGGCATCATGCTGTTGATAATGTCATCAAGATTCATAATTTTTCCGCTCCTGTGGAATAAGT}$ TGCTGAATCGTTTTTTCAACCGTTGATTTCTTCGCCGTTTTCGCCATCGGTAAAGCGTAAAGAGGCAGAGTTAACACAAT  ${\tt GCCGGAATCATACTTGGTTTGGGAATGAAACAGCGGGGCATCGCAGATCAAACAGTGATATACGCCGTCACGCTTGTTAT}$  ${\tt AGTTCTTCTGCCGAAGGTTTATTAGCCATTTGCTCACATCTCACTTTAATCGTGCTCACATTACGTGACTGATTCTAACA}$ AAACATTAACACCAACTGGCAAAATTTTGTCCTAAACTTGATCTCGACGAAATGGCTGCACCTAAATCGTGATGAAAATC  ${\tt TCAGTCGCGTAATGCTTAGGCACAGGATTGATTTGTCGCAATGATTGACACGATTCCGCTTGACGCTGCGTAAGGTTTTT$ GTAATTTTACAGGCAACCTTTTATTCACTAACAAATAGCTGGTGGAATATATGACTATCAAAGTAGGTATCAACGGTTTT GGCCGTATCGGTCGCATTGTTTTCCGTGCTGCTCAGAAACGTTCTGACATCGAGATCGTTGCAATCAACGACCTGTTAGA CGCTGATTACATGGCATACATGCTGAAATATGACTCCACTCACGGCCGTTTCGACGGTACCGTTGAAGTGAAAGACGGTC ATCTGATCGTTAACGGTAAAAAAATCCGTGTTACCGCTGAACGTGATCCGGCTAACCTGAAATGGGACGAAGTTGGTGTT GACGTTGTCGCTGAAGCAACTGGTCTGTTCCTGACTGACGAAACTGCTCGTAAACACATCACCGCTGGTGCGAAGAAAGT GGTTATGACTGGTCCGTCTAAAGACAACACTCCGATGTTCGTTAAAGGCGCTAACTTCGACAAATATGCTGGCCAGGACA TCGTTTCCAACGCTTCCTGCACCACCACCTGCCTGGCTCGCTAAAGTTATCAACGATAACTTCGGCATCATCGAA GGTCTGATGACCACCGTTCACGCTACTACCGCTACTCAGAAAACCGTTGATGGCCCGTCTCACAAAGACTGGCGCGGCGG  ${\tt CCGCGGCGCTTCCCAGAACATCATCCCGTCCTCTACCGGTGCTGCTAAAGCTGTAGGTAAAGTACTGCCAGAACTGAATG}$ 

GCAACTTACGAGCAGATCAAAGCTGCCGTTAAAGCTGCTGCTGAAGGCGAAATGAAAGGCGTTCTGGGCTACACCGAAGA TGACGTAGTATCTACCGATTTCAACGGCGAAGTTTGCACTTCCGTGTTCGATGCTAAAGCTGGTATCGCTCTGAACGACA ACTTCGTGAAACTGGTATCCTGGTACGACAACGAAACCGGTTACTCCAACAAGTTCTGGACCTGATCGCTCACATCTCC GACTGCGTCATGATTAAGAAAATTTTTGCCCTTCCGGTCATCGAACAAATCTCCCCTGTCCTCTCCCGTCGTAAACTGGA TGAACTGGACCTCATTGTGGTCGATCATCCCCAGGTAAAAGCCTCTTTTGCATTACAGGGCGCACACCTTCTCTCGTGGA AACCTGCGGGTGAAGAAGTTCTGTGGTTGAGCAACACACCCGTTCAAAAATGGCGTCGCTATTCGCGGTGGCGTA GCTGAAATCACATCATGAAGATGCTGATGGCGTAGCGCTGACTTTTGAATTGACGCAAAGCGAAGAGACGAAAAAATTCT GGCCGCACGACTTTACGCTGTTAGCGCATTTCCGCGTGGGTAAAACTTGTGAAATCGATCTTGAATCACATGGCGAATTT GAAACCACCTCTGCCCTGCATACCTACTTTAACGTGGGTGATATCGCTAAGGTAAGCGTCAGTGGGCTGGGCGATCGCTT CATTGATAAAGTGAATGACGCGAAAGAAATGTACTGACCGATGGTATTCAGACCTTCCCTGACCGTACCGATCGCGTGT ATCTGAATCCACAAGATTGCAGCGTGATTAATGATGAAGCGCTGAATCGTATTATCGCCGTAGGCCACCAGCATCATCTG AACGTTGTCGGCTGGAACCCGGGACCGCGCTTTCAATTAGCATGGGCGATATGCCGGATGATGGCTACAAAACATTTGT TTGTGTAGAAACGCCTTACGCTTCAGAAACGCAAAAAGTGACCAAAGAGAAAACCTGCACATCTGGCGCAATCCATTCGCG TTGCGAAACGTTAATTTACGTTAATGTTGTGTGCCGGGTGCAATGCATCCGGCACAACATCACCACATATCCAGCGCA GTTTTTCCTTTTGGTGCCGGATATGCCTTATCCAGCATAGCTAATTCCGCTGAAGAAAGTTCGACCTCAAGCACAGCCGC ATTTTGTTGGACATGGCCAATCGTGGCCGCTTTTGGAATCGCCATCACACCCTGATGACTGATCACCCCACGCCAACAATA CTTGTGCCGCGCTGATATTGTGAGCATGTGCAATTTCGTTGACTACCGCGTTTTTTTAACAGTCCATTGCGCAACCGCCCG TGAACCGAGATGGTAAAGCACCTGATTAGTGGCACACTGATTTCCCCCCGGCAGCTGCCAGAGTTCCTGCATATCAGCAT AATCAAGGTTAGAAACGCCCCAGCGGCGGATTTTTCCCTGGGCGATCAATTTTTCCATCGCTGCGACAGTCTCTTCAAAA TATCGCTTTTTGCCCGCCAGCATTCCACGGATAGACTTTAGAGACGAGAAAGACCTTCTCTCGCAGACCGGTTAATGCTT GACATCGCCACTAAATTGAATCATTTTTTGTTGCATTGTTTCCTCCCAGGTATTGCACCACCGTAATGCAAAACAGGGCG TGACGCCCTGTTTTTATGCACAAAATGCCCTGGAAAGATGCATTATCAGAATTTGTAGGTGATCCCGGTAGAAATCAGGC GCTGCGAGCGGACTCTTTGCGCGATACGCCATAATAGTATTCGTTCTGGTTTTCGCTGTTCCACTGCACACCAATACCCG GAGTCACGGTCAGGCCACCGTTGGTGTAACGATACAACCAGGCCATATCCCAGACGATGCCGTTGCTGTTATCCAGGGTA GTCATCCAGGTGACGCATTTGGTGATCGCCACTGTCTTTCGCTTTGAAGTAAAGCGGCGACCAGTAAGCGGTAATTGAAA GTTTATCCGTTGCGTCATTCCACAGGTAGTAACCACCACCTAAGCCACGGAACCAGAAGTTATCGCCTTCATAGTTGATT  ${\tt ACCGGTACTGGGTAAACATCGGTATCGTAATCTTTATATGGGTGTTCAACGACACCTACGCCTGCGCCCAGGGAAAATTT}$ ACCTTCAGCGTGCGCTACGCCTGCAGACGTTGCGATAAGCACTCCAAGTGCCAGAAGTTTGAGTTTGGTCACAATTAATC  ${\tt ATTCCTTAAACAAATGTTTAGCGGGCGACAAAGTTTACCCGTCAATACATCGAAACCCAACCTTTTTACGTTTTCATTTT}$ TTAAAGTAACTGTTTAATTTTCCTGACGCGGATGACACCGCGCTTACAGCCAAATGAATTTAGCGTTACTGGCGAGCCTG GTCTTTACATTAATTATGCAAAATTTATGGATGAGTTGTTGATATGCCATTGAAATTAAGAAAGCCGTGCAGGCAAGTTT TCCATTTGCCATCTACGCTTAATTTTGAAGGTGTATCACCGGGCACGTTGTTCTCATCGTCGATAAAATGGCATGAGAGT TGCTGTGTTTTAGCAAGAGACGTCGTTCAGTTTACCTCTTCCGGGAGCCTCTACTATTCATATGAACGGCTCTTAACCTG TGCTAAAAAACGAAGGACGCATACCATGAATATATTCGATCACTATCGCCAGCGATATGAAGCTGCCAAGGACGAAGA GTTCACACTGCAGGAGTTTCTTACCACTTGTCGGCAAGATCGCAGTGCTTATGCCAACGCGGCTGAGCGGCTATTGATGG  $\tt CTATCGGTGAGCCTGTCATGGTCGATACAGCCCAGGAACCCAGACTTTCTCGACTCTTTTCTAACCGGGTCATTGCACGT$ TATCCGGCGTTTGAAGAGTTTTACGGCATGGAAGACGCGATTGAACAGATTGTCTCTTATCTGAAACACGCGGCTCAGGG  $\tt CATTAATGCAGCTCGTACCGATTTATGTATTGAGCGCGAACGGTGAGCGTAGCCCGGTCAACGATCATCCGTTCTGTCTT$  TTCAATCCGCAGGAAGATGCGCAGATTCTGGAAAAAGAGTATGGCATTCCTCGCCGTTATCTCGGCACCATCATGTCGCC AACAAATTGCTATCGCCAAAACGGAACCCGGCGATGAGAACAACCAGGACATCTCCGCGCTGGTTGGGAAAGTCGATATT  ${\tt ACGGGACGGAAGGTATCTCCGCCCTGCCGTTCAACGGGATTATTCTCGCACACTCGAACGAGTCCGAATGGGTCACTTTC}$ GATCAAAATCTACGAGAAATTGCTTAATCACAGTGAATTGACTCACGCCCCATGCGCCCCTGGCACGCTCGAAACACTGT AGTCTGAAAGACACCGATCCCAAAGCCAAGTCGTATCAGGAATATCGTGACTACGCCGGTGTCGATGAAGGGATGAACGG TCTGTCGACGCGTTTTGCGTTTAAGATCCTCTCCCGCGTGTTCAACTTCGATCATGTAGAAGTGGCAGCAAACCCGGTCC AAAGGTTATCTGATCCCGAAATATGCCGAGTTTATCGGCAAAGAGATCCAGACGGCCTACCTTGAATCCTATTCCGAATA GGCAGCTGTTTGACCGCGAGTCTCTTAACGCCGAGCTGGAGAAAATCGAGAAACCGGCGGGGATCAGTAATCCAAAAGAT TTCCGCAACGAGATTGTTAACTTCGTACTGCGCGCCAGAGCGAATAACAGCGGACGCAATCCGAACTGGACCAGCTATGA AAAACTGCGCACGGTCATCGAGAAGAAATGTTCTCCAATACCGAGGAGCTGTTGCCGGTTATCTCGTTTAACGCCAAAA CGTCAACCGACGAGCAGAAGAAACACGACGACTTTGTCGACCGTATGATGGAAAAAGGCTACACCCGTAAACAGGTGCGT TTACTGTGCGAATGGTATTTGCGCGTACGTAAATCGTCTTAACACCCTGGCCCGGTACACATGTTACCGGGCCTACAAC GACAGCGAACCGTGGGCCTGAGAAGCGGCAACACAGGCGTAGCATACAGTTGGCAAATGTAGTACGGGGGGGCATATGACC TGGTTTATTGACCGGCGTCTGAACGGCAAAAACAAAAGCATGGTGAATCGCCAGCGTTTTTTACGCCGTTATAAAGCGCA  ${\tt CGGAAGATATTAGCGAACCGATGTTTCATCAGGGGCGTGGCGGTCTGCGCCACCGCGTGCATCCGGGCAATGACCATTTC}$ TGAAGGTCAGGATGAATTTGTCTTTCAGATTTCGAAAGATGAGTATCTTGATCTGCTCTTTGAAGATTTTGCCCTTACCGA TGCACTGGAAGAGATTTTGGCCATCATCAGCAACAGTGAACCTGCGCAACTGCTGGAAGAGAACGTCTGCGCAAAGAAA TTGCAGAATTACGTGCCAAAATTGAACGCGTCCCTTTTATTGACACCTTCGATTTACGTTACAAGAACTACGAGAAGCGG  ${\tt CCCGATCCCTCCAGCCAGGCAGTGATGTTTTGCCTGATGGACGTTTCCGGTTCAATGGATCAATCCACTAAAGATATGGC}$ TAAGCGTTTTTATATTCTGCTGTATCTGTTCCTCAGCAGAACGTATAAGAACGTGGAAGTCGTATACATCCGCCATCATA CTGATGGATGAGGTAGTGAAAGAGCGTTATAACCCGGCACAGTGGAATATTTACGCTGCACAAGCATCGGACGCGATAA AAATTACCCGTCGTGCACATCAGACATTGTGGCGAGAATATGAGCATCTGCAATCTTCGACAACTTTGCGATGCAG CACATCCGCGACCAGGATGATATTTATCCGGTGTTCCGTGAACTGTTTCATAAACAAAATGCAACAGCTAAAGGCTAAAA TCGCTTTAAATATGACAGCATAACCTTTACATAATTTAGTTCCAGAAAACAATCATTCGGAAAAATGATTCAGTCAACAC GTATTTCCATGGGGTTATTCTTTAAATATTTTTTATCGTTAACGAAAATTGATCCTGGTCAAAACTATATATCTCTGCCA TCAATAAAATCCAGCACTCACATTGCTCTCTTTTTATGGTTTCTATGGGTACACAAAAATTAAAAGCTCAAAAGCTTTTT TATTTTCAGTTTATTGCTGACGTTAATTTTATTTTGCATTACTACCTTATATAACGAAAACACAATGTAAAACTCATCC CACAGATGAATTACCTGATGGTTGTTGTGGCTTTGTTTTTCCTTAACGCCGTCATTTTTCTTTTCATGTTAATGAAATAT TTCACTAACAAACAAATTTTACCAACACTCATTTTAAGCCTTGCATTTTTAAGTGGCCTTATCTATTTAGTTGAAACCAT TGTAATTATCCATAAACCAATTAACGGCAGTACACTGATCCAGACAAAGTCGAATGTTTCTATTTTCTATATTTTCC GCCAACTCAGTTTTATTTGTTTAACCTCGCTGGCGCTCTTTTGTTATGGAAAAGACAACATCCTTGACAACAATAAGAAA AAAACGGGAATCCTGTTGCTGGCGCTGATCCCTTTTTTAGTTTTTCCCCTTCTGGCACACAATCTGAGCAGTTATAACGC TGACTATTCTTTGTATGTCGTCGATTACTGTCCGGACAACCATACTGCGACCTGGGGAATCAACTATACAAAAATATTGG TTTGTCTGTGGGCATTTTTACTGTTCTTTATTATCATGCGCACACGATTAGCCAGCGAACTATGGCCGTTAATAGCATTA

TTATGTCTGGCATCGCTATGCTGCAACTTACTTCTACTGACTCTGGATGAGTATAATTATACTATCTGGTATATCAGTCG AACTGGCAGTTCATGATGTGCTGACCAATATTTATAATCGGCGCTACTTTTTCAACAGCGTAGAGTCATTATTGTCGCGA  $\tt CCTGTTGTTAAGGACTTCTGTGTCATGCTGGTTGATATTAATCAGTTCAAACGCATCAATGCCCAATGGGGACATCGTGT$ GGGTGATAAAGTGCTGGTTTCAATTGTCGATATTATCCAGCAAAGCATCCGCCCCGATGATATTTTAGCGCGACTGGAGG GTGAGGTGTTTGGCTTGCTATTTACCGAACTCAATAGTGCCCAGGCAAAAATCATTGCGGAACGTATGCGTAAAAATGTC GAACTCCTGACCGGCTTTAGTAACAGATATGATGTTCCTGAACAAATGACCATCAGTATTGGCACGGTTTTTTCAACGGG TGACACGCGTAATATCTCGCTTGTCATGACGGAAGCAGATAAAGCCTTACGCGAAGCGAAAAGCGAGGGGGGCAACAAAG TGATTATTCATCATCATATTTAAGTGCAAAAATATTCAGAGCCATGCTTTTTGCGTGGCTTTTTGCATACAATTTATTACTATT ACCCCTAAATTTCCCCTCCCCAGCGGCGCAGAGATGAGTATAATTAGCGCCCCTGTGCCAGGCCGCAATCGAACTTTATC TGGTTTCTCGTTTCACTAACCGAAGGAGTGCCATTTATCATGAAATTGCACCATAGAATGCTCCGGCATTTTATCGCCG TATATCGTGCAGAAAGCAGACTCCTCCTTTCTTTATGATAAGTATCAGAATCAGAGTATTGCCGCGCATGTGATGCGCGC TGGGATGGCCGAAGAGAAATTTCACTATTATCTCGATCTCAATGACCGCTATGTCTATTTTTATGAGCCGGTTAATGTTG  ${\tt AATACTTTGCGATGAATAACTGGTCCTTCCTGCAGTCAGGAAGTATTGGCATCGCAAAGATATTGAAAAGGTATTT}$ ACCGGCCGTACCGTATTGTCGAGCATTTACCAGGATCAGCGTACTAAACAGAACGTGATGAGTTTGCTGACGCCGGTATA TGTCGCAGGGCAGCTAAAAGGGATTGTGCTGCTGGATATTAACAAAAACAATCTGCGGAATATCTTTTATACTCATGACC GCCCTCTCCTCTGGCGTTTTCTCAATGTCACGCTAACCGATACCGATTCGGGGCGCGCGACATTATCATCAACCAGAGCGAA GATAATCTGTTCCAGTATGTCAGTTACGTCCATGACTTACCGGGCGGCATTCGTGTCTCGTTATCCATTGATATTCTTTA  $\mathtt{CTTTATCACGTCTTCGTGGAAAAGCGTTCTGTTCTGGATTTTGACGGCGTTAATTTTGCTGAATATGGTGCGGATGCACT$ TCCGTTTATACCAAAATGTGTCGCGAGAAAATATTAGTGATGCGATGACTGGACTGTATAATCGCAAAATTTTAACCCCT GAACTGGAGCAGCGGTTGCAGAAACTGGTGCAATCCGGTTCTTCGGTGATGTTTATTGCTATTGACATGGACAAGTTAAA GCAAATAAATGACACCCTCGGTCATCAGGAGGGGGGATTTAGCGATTACGTTATTAGCTCAGGCGATTAAACAGTCGATTC GTAAAAGTGATTATGCCATCCGACTCGGTGGCGATGAATTCTGCATCATTCTTGTCGATTCGACGCCGCAAATTGCAGCA CAACTGCCTGAACGTATCGAAAAACGTCTGCAACATATCGCGCCGCAGAAAGAGATCGGCTTCTCTTCCGGTATTTACGC GATGAAAGAAACGATACGTTACATGATGCGTATAAAGCTTCCGATGAGCGTTTATATGTCAATAAGCAGAACAAAAACA GCCGTTCATGATAACCTTCTGTGGTTGTTTGCTTGTAATCTCAGGAGCGTGAAATGACTGAAATGGCTAAAGGAAGCGTG TGAAGCGGTGTCAGAAATTCGTGGCACCGCTCTAGGCCAGGGTGCTAAGGCACTGGTATGTAAAGTCAAAGGCAATGGCG TCCAAAACTCAAACTGGTTGCCGACCCTCTACTCTTCGAACGATTTGATGAAAATCGCCTTCAATGCAGGCATGCTGGATA  ${\tt AATCCGTTATTTGAAAACCGCGGATTATTTGCGCATTGCGCAACCAGAACTGGTCAATTTCCGCCGCACTGCGTAACTA}$ GCCGGTCCGTTCGATAAGAAGAACGGACAAAACCAGTACAACAGCAATGGCAAAAAACGATGACGTGATAATCAGTGTCT CGACAAACATTTGATCGTTCATAGCATGCCCCCGGGAGATAGCTGTTTTCACGTTATTGTTAGCGTGCACAAATGGCAGT AGGCTTATTATTTTTTGGCAAGGAAACCACGATGTTTGATGTCACTTTGCTGATCCTGCTCGGGTTAGCTGCGCTGGGCT TTATCAGTCATAACACCACTGTCGCCGTTTCAATTCTGGTGTTAATCATTGTCCGCGTCACACCGTTAAGCACCTTTTTT GGCTGGGTGGCGCGCGTGACGTTAATGGGCAGCCGCAACTGGTCGCCGGGCTGCTGGTAGGCACTGTTTTAGGC GTAGCGCTGTTTCGCGGCGTACCGGTTGGGCCGCTTATTGCCGCGGGTCTGGTTTCGCTGATTGTGGGGAAACAGTAGTT AATCTCGCAATATATCGGCCTGGCGTTTGCCCCAGGCCTTTCTTAAACATAGTAATAAAGGCCGTTGTTGAATCATACCC CAGCGTATGAGCAACTTTCTGTACAGTATCGCCTTTCACTAATCCCTGAAGCGCCCATAATCAGCTGTAACTGCTGACGCC  TGCCCCAATGCCCCCACTCGACAGGCCCTTTCGCCATCATCTCCACCATCGTGCGGATTTTAGGATGAGAAGAAACGGG GCTGAGTCGTCCTGTTTGCCAGGGTTAAAATTAATTCCCGGCATAAGGGCGATATTTTCAATGTGCAACATGTTGTC GGCATTGTCACTGCGCTGGGTTCGATAAACAGAAACAGAGTTCAGCATTAGCTGTTACTTGATTGCTATGTTCCACCCC GCCCGGTATCCAAACCGCATATTGTGGCGGCACCATCCACAAAGCATTTTCCACCGTACAGGTAATTGCACCATGTAGCG  $\tt GCGGCTTCATGGTGGTCGGTTCATAGCCATTGAGATTCAACCTGTGCATCATTTTGTCCGAACTTAGCGATAATTT$ GTCATTTTAGCTTGATTCAACATAACAATAAAAACGGTAAGGTACAGCCTCGTTTGTAACAATGAGAAGCATATGACCTG TTCAACTTCATTAAGCGGCAAAAACAGGATTGTCCTTATCGCTGGCATTCTGATGATTGCCACAACATTACGCGTCACCT TTACCGGCGCAGCACCGTTACTGGATACGATTCGTTCCGCTTACTCGCTGACGACAGCGCAAACCGGCTTATTGACCACC  $\tt CTGCCATTATTGGCCTTTGCGCTAATCTCACCTTTGGCTGCCCCGGTAGCGCGACGTTTTGGTATGGAACGTAGCCTGTT$ TTTTGGCTGGCAAGGCGCGTTGCTCATGCTGATGTTTTTCCTCTGCTGGCTCTTTTTTTATGGCTGCCACAGTGGCGAA GTCAACAACATGCAAATTTGAGTACCTCGCGCGCCCTTACATACTCGGGGTATCTGGCGTTCACCGCTTGCCTGGCAGGTC TAGCGAAGCACAGGCGGGTTCACTGCATGGTTTGCTGCAACTAGCCACAGCAGCACCCGGTTTGCTGATCCCACTTTTCT ATGCCAGCGCACGCGATCACCTGGACTCTGCTTTTCGGTTTTGGTTCCGGCGCAACAATGATACTGGGGTTGACGTTCAT GTGGGCCGCCGCTGATGGGTAAAATACACGATGCTAACGGTAACTGGTCTGTACCACTTATGGGTGTTGCCATACTTTCA ATCATGCGTGAAAGGGAGAACAAACACGATGAATATTCAGTGCAAACGCGTTTATGATCCGGCTGAACAGAGCGATGGTT ATCGCATACTGGTCGACCGCCTCTGGCCGCGCGGTATCAAAAAAACCGATTTAGCCCTTGATGAGTGGGATAAAGAAATC AAAACACCACGCAGAACCATGCGTGGTGCTGGCCGACTGGCTACGTAGCTTGTGATTTTAGTACAGCATCCGGCGGTTA TTTTTCACCAGCCGGATGGTCACGCCGCCACAATGCCCATTCATCAATCGTTTCACCGCCCGGTAATTTTGCAATTGTTGC TGACCCCTTGCGCTGTCTGCACTGGAATGAGCGTCCCGCCCTTCTGCTGGCAATAGACCGACGCCGGATTTGCCATACCA GATAATTTCATTTATTGATCTCACATATTTATCCAAGATTAGAGTATCGCGGTATCGTTTTGTTTTTGCAGCACTATTTT TATTACATTCACTCAAAACATATTACGTCTTGTTTCATCTTTGTTGATGATGTTTTATCATGCCTGCAAAGATTAAATAA TCAGCATTTACCCGCCGTATCCTGGAGTTGTTCCGTGTCAGATCAGATTATCGCCCGCGTCTCGCAATCCCTTGCCAAAG AAAGTGGATGTCGAAGCGCCTGCAGCATATTATGTTTGCCCGTAACAGCCAGAAAATGTACATCCCGGAGAATTTTAC GGCACGCTTTGCGCCGCCAGCAGTGAGAAGCGCCCAGTGGAGTGAACGCGCGGGAACAGGTTTTACAGTTATTCGCCGGACT GATTGCACAATATTCAAAAAGAGGCACTGGTTGAACAGCTGCGCGAAGCCAATGCTGCGCGATTGCGCAATCGTATA  $\tt CCGACTCGTTAACCGGGCTACCGAATCGGCGGGCGATTTTTGAAAATCTGACGACACTGTTTTCCCTCGCCCGGCATCTT$  ${\tt AACCATAAGATAATGATCGCGTTTATCGATCTGGATAACTTCAAATTAATCAATGATCGTTTTGGTCATAATAGTGGCGA}$ TCTGTTTCTCATTCAGGTTGGCGAGCGCCTTAATACGCTCCAGCAAAATGGCGAAGTTATTGGTCGTCTCGGCGGTGATG AGTTTTTAGTTGTTTCACTAAACAACGAGAATGCGGATATTTCGTCGCTGCGAGAACGCATTCAGCAGCAAATACGTGGA GAATATCACTTAGGTGATGTTGATTTGTATTATCCCGGTGCCAGTCTTGGCATAGTAGAAGTCGATCCTGAAACAACCGA TGCAGACAGTGCCCTGCATGCTGCCGATATTGCGATGTATCAGGAGAAAAAACACAAACAGAAAACACCTTTTGTCGCGC ATCCAGCGCTACATTCCTGAGGCGTATTCACATCCTTTTGATTGGTGATAACATGCGAATCGGTATTATTTTTCCGGTTG TAATCTTCATTACAGCGGTCGTATTTTTAGCATGGTTTTTTATTGGCGGCTATGCTGCCCCGGGAGCATAAAGATGAAAA AAAATAGCAAAGGCTGCCTGTGTGCAGCCTTTGTGCAATTTAAGCGTTAACTTTTAATCTTCCTGTAGATAAATAGCACG ACAATCGCACCAATAACGGCAACCACGAAGCTGCCAAAATTGAAGCCATCGACTTTACCAAAGCCAAACAGCGTGCTGAT CCATCCGCCGACTACGGCACCGACTATCCCCAGCAGGATAGTCATAAAGAATCCACCTCCATCTTTACCTGGCATGATCC TTAGCGGGTTAGTCGCTGATAAAAAGCATAGCACACATCGGGAGGGCAAGATTTGTGACGAGCATCACGGAGGTTTTTT AAGAACGTACGGTATTCACCAGATCTTTTATCACTTCAGCCGCCACTTCTGGCACCAGCAAAGTCATCGGCGTCTCTGTT TCATAATCGACAGAAACGCCATTGCTGTTATTGGTGACGGTCACGGTATACGTTGCTTTGCCCATGATTCATTTCCCGTT ATGAATGACTTTCCGTTGTTGCGCACCTTCCATCAGGACTTCAGGAGCCACGAAGAAGTCAATGTTGAAATAAGTATCGT CAGTCATGGCTTCAATGTTGTGCCACTTTTCTGGAGGGAACACCGCAAACTGCCCCGCTTCGATAAGGATCACCTGATCA GGCTCTGCACTGTGTTCATCAGCGTAGCCGAGATATTTGACCGCCCCATGCATAACGGAAAGGCGTGGGTAAACCCCCCGG GAATATAATTCTGTGGGATTTGAAGCATCCTTTTCCCTCCTTCGGTGAATGCGCTGAAAACGGTTTATTCCAGCCGTTTC ATTATAGATGGGAAGCCCGCGACAACGCGGGCTGAAAGCATCAGGATTGCAGCGTCGCCAGTCGGGCAGCGAAACCCACG AACATCAAACCAATCAGTGAGTTGCCAACTTTAGCCAGTTTCTTTTTGGTACGTATGTACTGCGTGACAAAAGCACCAGA TATAATCAGGAAGCTCAAATAGCAGAAACTCACCAGTTCCAGCGTCGCCGCCAGAATAAAGAATGAAATTCCCGTATGTG GGGCATTAACATCGATAAACTGTACGAAAAACGACACATAGAACAAAATGGCTTTCGGATTAGTCAGGCTCAAAATTAAC ATAGGTCCAGTAATTCAGAACCCCGTATTCAGCGAACACATTAACCTCTTTAATTATCTTTCGATCATGCGCGATTAAAG GTGAATATGCTAACCAATCTGTAGCGGCTTAGAAAGGAGAAAATCAGGTTTTAACCTGATATCAACCCGATAATTGAATC ATTAATCAGGCATGCTCCAGTGAAAAATTCGGGTAGTGCTCGGCAAAATACTGGCGTAAAAAATTCTACCGTTATCCGCAC AATGACCACTGGCAATGTTTTCGCTAACATCCCACCAGGAACGCAGAGCAATCCCCTGCCCATCGAGACACCACTGATGG ACCAAAAGGATGATCGCGCTCTTTAATGACCAGGCACGCCAATGCAGAAAGATCGGTTAAATGTTTCGGCGCGCCATGTT GCGCAATAAATTCCGGCGACGCAGAGAATACGGTAATTGGTCGCCAGTTTGCGGGCGATTAAATTAGGGGCGATGTCA TCGCCAATGCGAATATCGAGATCGACACCTTCATTGACCAAATCGACCAGTCGGTCTTCCACATCAAAACGTAATTCCAG TTGCGGATACGCCTTCGCCAGCGCTAATAACGCCGGAGCCACCACCTGTCGTCCAAAACCAAAGCTGCTGATAATACGCA GCATCCCCTGCGGCACCTGACGCACGTCAGAAAGTTCGTCCATCATCTGACCGACATCCTGCAAAAATCCGCTGCGCCCAT CAGCAAGGCGATGCGCTTGCTGACGAACGCCGGTGAAACGCCCAGTTCTTCCGCCACGGCGGCAAAACCAGCCCGGCGAG  $\tt CCACCAGCATAAAGACGCGCAAATCATTCAGCAGCGGTAAATTATTCATGATTCGTGTTTTATGTTTCACCAGTTACGGG$ GATTAATTCCTTTTCAGTCAATTATAGGATGGTGATGTTGTCAATTTTGATGGTCAGGAAGTGAGAACCCAATGATGAAA  $\tt CGCTGAGCGCTTGGGCTTGAGTTTTGAGCAAATGGAGTGGGCGAGCTGCGAGTATTACAGCCATCACGGTAAAA$ TGATGCCGGACGACTGGCATGAGCAACTTAGCCGTTTCGACGCCATCTATTTTGGTGCCGTCGGCTGGCCGGATACCGTT  $\tt CCGGACCATATTTCGTTGTGGGGTTCGCTGAAATTTCGTCGTGAATTTCGACCAGTACGTCAACCTGCGCCCGGTTCG$ TCTCTTTCCTGGCGTTCCCTGCCGCTGGCGGGAAAACAGCCTGGCGACATCGATTTTTACGTGGTCAGGGAAAACACCG  ${\tt AAGGCGAATATTCCTCGCTCGGCGGTAGAGTGAATGAAGGTACAGAGCATGAAGTCGTCATTCAGGAATCGGTATTTACC}$ TAAATCGAACGGTTTAGCCATCAGCATGCCGTACTGGGATGAGCGAGTGGAAGCAATGGCCGAGAATTACCCGGAGATCC GCTGGGACAAGCAGCATATTGATATTCTCTGCGCGCGTTTTGTGATGCAGCCGGAACGATTCGATGTGGTGGTGGCGTCC AATTTGTTTGGCGATATCCTTTCCGATCTTGGCCCGGCCTGCACCGCCACCATTGGCCATCCGCCAACCTGAA TCCGGAACGCACTTTCCCGTCGCTCTTCGAGCCTGTCCACGGTTCCGCGCCGGATATCTACGGGAAAAATATTGCTAACC  $\tt CTATCGCCACGATTTGGGCCGGGGCAATGATGCTCGATTTTCTCGGCAATGGCGATGAGCGTTTCCAGCAAGCGCATAAC$ GGTATTCTGGCAGCAATTGAAGAAGTGATTGCTCACGGGCCGAAAACACCTGATATGAAAGGCAATGCCACCACGCCACA  $\tt GGTTGCCGACGCGATTTGCAAAATTATTTTGCGTTAAGGTCAAACCAGTTTATTTGAACCGCGTCACTGACGCGGTTTTT$ TTATTCGTTCTTTGCAGTAAATAACCTGCGTCATTTCACCTTTTATTGTTTCCGTTTTCGTGTTTTATTGCTTTCATTTCGTATT  $\tt CTTAATTGTTAATTTATGTAACATGCAAATTTTGTTACGCGTACGTTAGGTTCCGCCGTACAGGTATTGGTTTTGCTGG$ CAATGGGACTGGTGATTTATTTAGCCACCAGTAAATACGGCAATATTCGTCTTGGCGAAGGAAAACCGGAATACAGCACG GGGGCATCAGCGCCTGGGCAACTTATACGCTGGCCTCATTAATCATGGCTTATCACTTTCATGTGCGGAAAAACAAAGGT  $\tt CTGAGCCTTTCCGGCATTATTGCTGCTATTACCGGCGTTCGCCCGCAAGGCCCATGGGGAAAACTGGTCGATTTGATGTT$  $\tt CCGGTTTACCCGATAACTTCACCGTGCAGGCATTTGTGATCCTGCTTTCCGGCGGCATTTTTTGCCTAAGCTCGTGGATT$ GGTATCAACAACGGTTTGCAACGTCTGAGCAAAATGGTTGGCTGGGGGCGCGTTCCTGCCATTACTGGTGCTGATTGT  $\tt CGGCCCAACCGAATTTATTACCAACAGCATCATCAATGCCATCGGCCTGACCACGCAAAACTTCCTGCAAATGAGCTTAT$ GGCGTAGCAATGTTTGTCACCCGCGTTTCCCGCGGTCGTAAGATTAAAGAAGTTATCTGGGGACTGATCCTCGGCAGCAC AGGTGCTGGAAACACTGGGCGGCGAAACAGCTGTACAGCAAGTTCTGATGTCGTTGCCAGCCGGTAAATTGTTCCTCGCC GCATACCTGGGCGTGATGATTATTTTCCTTGCCTCGCATATGGATGCAGTGGCCTACACCCATGGCGGCGACCAGTACGCG TAATCTCCAGGAAGGTGACGATCCTGACCGTGGGCTGCGTCTTTTCTGGTGCGTGGTGATCACTCTGATCCCGCTTTCCA TCTTGTTTACCGGTGCTTCGCTGGAAACGATGAAAACCACCGTCGTGCTCACAGCCCTTCCCTTCCTCGTCATTTTACTG GTGAAAGTCGGCGGGTTTATTCGCTGGCTGAAACAGGATTACGCCGACATTCCGGCTCATCAAGTTGAACATTATCTCCC GCAGACACCGGTTGAAGCCCTGGAAAAAACGCCAGTGCTCCCTGCGGGAACCGTATTCAAAGGCGACAACTGAGCGCCAT
CATCCTAACGATAAAGGTATCCCTATGAGCAATCTGAGCCCTGACTTTGTACTACCCGAAAATTTTTTGCGCTAACCCGCA AGAGGCGTGGACCATTCCTGCCCGTTTTTATACCGATCAGAACGCGTTTGAACACGAAAAAGAGAACGTCTTCGCCAAAA GCTGGATTTGCGTCGCTCACAGCAGCGAACTGCCGAATGCCAATGATTATGTGACGCGTGAGATCATTGGCGAAAGCATC TGAAGGAAAAGCAAAAATGTGATTACCTGCCCGTATCACGCATGGGCATTCAAACTCGATGGCAACCTGGCCCATGCAC GTAACTGCGAAAACGTCGCCAATTTCGATAGCGACAAAGCGCAACTGGTTCCGGTGCGTCTGGAAGAATATGCCGGATTC GTCTTCATCAACATGGACCCCAACGCCACCAGCGTAGAAGATCAATTACCCGGCCTGGGCGCGAAAGTGCTGGAAGCCTG  $\tt CCCGGAAGTCCACGATCTGAAACTGGCGGCCCGCTTTACCACCCGCACGCCTGCCAACTGGAAGAACATTGTCGATAACT$ ATCTCGAGTGCTATCACTGTGGTCCGGCGCATCCAGGTTTCTCCGACTCCGTACAGGTTGATCGTTACTGGCACACCATG ATTCCACGGTTTCTGGCTGTGCCGTGCACGATGCTGAACGTCACCCCGATCAAAGGGATGATGACGGTCATTTATGAAT TCCCGGTGGATTCTGAAACTACCCTGCAAAACTACGATATTTACTTCACCAATGAAGAGTTAACCGACGAGCAAAAATCG  ${\tt TGGCTATCGTGGTCAGGGGCGCATCATGGCCGACAGTAGCGGTAGTGGCATTTCCGAACATGGTATCGCCCATTTCCATA}$ ATCTGCTGGCGCAGGTGTTTAAGGACTAATGACATCGGCGGCGGTATTTTCCGCCGCTGGGCTGATTTTTGATGGAGTAC AGCAATGTCAGACTATCAAATGTTTGAAGTACAGGTGAGCCAGGTTGAACCCCTTACCGAACAGGTGAAACGCTTCACGC TGGTGGCAACCGATGGCAAACCATTACCTGCGTTTACCGGAGGAAGTCACGTCATTGTGCAGATGAGCGATGGTGATAAC  $\tt CTCGCGCGGCGGTTCCCGCTTTTTGCATCAGCAGGTAAAAGTGGGCGATCGGTTAACGATTTCAACGCCTAATAACCTGT$ GAGCTGCAACACGCGACGTCGACTGGCAGCTACATTACTGCTCGCGAAATCCAGAAAGTTGCGCATTTCGTGATGAGCT AGTCCAGCATCCGCAGGCTGAGAAAGTCCATTTGCATCATCATCAACCGGAACACGACTGGAATTAGCGCGATTATTGG  $\tt CTGGACATCGCCGCCGATACGCTGCACTTTGAGCAATTTGCTATCGAAGACAAAACCGGCGATGCATTTACCCTGGTGCT$  TGCCCGTTCCGGAAAAGAGTTTGTGGTGCCGGAAGAGATGACTATTTTGCAGGTTATTGAAAATAATAAAGCCGCGAAAG TGGAATGTTTATGTCGTGAAGGGGTATGCGGAACCTGCGAAACAGCAATACTGGAAGGTGAAGCTGACCATCGGGATCAA TATTTTAGCGATGAAGAGCGTGCCAGCCAGCAAAGTATGTTGATCTGTTGTTCGCGTGCGAAGGGTAAACGCCTGGTGTT  ${\tt GGATTTGTAGTTTGCCGAAGCCGGATGTGGCGCTGAGCGCCCCAGTCCGGCTTCGGAAGATTTTACTGCGGATATTCCT}$ GCAATAAATTGTGTAATGCTTCCGCCATCAGCTCACCACGCCAGCCGGAAATCAGCTCCGGCAAATTGTTCTGCGGTTTC AGTTTCCAGTGCCAGTTCAGCAGTTGGTTGATTTGCCGACGCGATGCCAGCAATTCGGCGCTGATCTTATGCGTTTCGCT CACGTCAGTAATCAGCGACTTAATCGCTTTAAACGCTTTACGATAACCCGGCATGTCCATCAGGTTAAGCATCGGCTGCG GTAAGGCATCTTCCGGCAATGTCTGCGCTTTTTCCACCAGCGCTAGCAGCGTTTTACCGTGAAAGCGGATTTCGCTACCG AAAGTTCACCGCCAGATCGCGCTCTCGCGCCTTGCGCAGTCGCCAGTCGGCTAACAGTTGCAGACAGGCCAGTTGGCGTG TGCGTAATTGCCAGGCATTGGTGATATCACGCCAGGCATCTTCCGGCGCAACGACTTCCTGACGACGCATTTGCATCAGG  $\tt CCAGACATCCGCCGCTGCGTATTCACACTGACGTTCGGTCAGCGGTCTGGCCAGTCGGTGCGCGATTCACTCTTGT$  $\tt CCAGCGTAACGCCGGAATACTCTTCCACCATGGAAGCGAAACCCCATGACATCGGGCGTCCGCAGAAGGCAGCAGGATT$ TTTTGTGATGGACGGATCGCCAGGATCGCTTTCAGCGGTGACCAGTCGGTGATCCCGAGTGGATCGATTAGCGCCAGAT GCTCGCCATCGAAAAGTTGAATCAACCCCAGCTGCGGGTAATAAGTGCGCGTACGAACAATTCAGTATCCAGGGCTATC  $\tt GCCGGAAAGGCACGGCTTCACACAAAGAAGCCAGCGCATCGTCCGTGGTAATCATTTGGTAATTCAAATTGTTTTC$ TCTTTAGTGGGCGTCAAAAAAAAACGCCGGATTAACCGCCGTCTGACGACTTAACGCTCAGGCTTTATTGTCCACTT TGCCGCGCGCTTCGTCACGTAATTCTCGTCGCAAAATTTTTCCGACGTTAGATTTCGGTAACTCACGAAACTCCACC AGCTTCGGTACTTTGTATCCCGTGACCTGACGGCGGCAAAAAGTCACCAGTGACTCTTCGGTAAGCGATGGATCTTTTTT GCATGACGACATCTTCAATCTCGTTGGGATAGACGTTAAAACCGGAAACCAGAATCATGTCTTTTTTACGATCGACAATG  $\tt CGCAGGAATCCTTCATCCATTACCGCGATGTCGCCGGTGTGTAACCAGCCATTTTTGATGATTTCATCGGTAGCATC$  ${\tt GGGACGCTGCCAGTAACCCAGCATCACCTGCGGTCCTTTGACACAAAGCTCACCCGGTTGACCTGGTGGTACTTCATTAT}$ TTAACGCTGACCAGCGCGCACACTCGGTAAGGCCATAGCCTTCCAGCAGATACTGTCCGGTCAGTTTCACCCAACGCTC TGCCACCACTTGCTGCACTGGCATCCCACCGCCTGCGGAAAGATGCAGACTGGAGAAATCCAGCTGCTGGAACTCTTTAT TGTTCAGCAACGCATTGAACAAGGTGTTAACGCCCGTGATAGCGGTAAACGGATATTTCGCTAACTCTTTTACCAACCCT AATGTGATACAGCGGCAGCGCCGTCACCACCACCTCTTTGCCCGGATGCAACAGCGGACCATAGGTCGCGTTAACCTGTT  $\tt CCAGGTTCGCCAGCATATTGCGGTGAGTCAGCATCGCGCCTTTCGCCACACCAGTGGTGCCGCCGGTGTATTGCAGAAAA$ ATCTGGCAGATGGTATTTCGGCACCAAACGCTTGATGTATTTAACAACGAAATTGACTACCGTGCCTTTTGCCGTAGATA GCTGATCGCCCATACGGGTCAGAATTACGTGCTGAACGGCGGTTTTATCAACCACTTTTTCCAGTGTGTGAGCAAAGTTA GACACGATAACAATCGCCGATGCGCCGCTATCGTTAAGCTGATGCTCAAGCTCACGCGGGGTATACAACGGGTTAACGTT TACGACGATCATCCCGGCACGCAAAATGCCAAACAGCGCCACCGGATATTGCAATAAATTAGGCATCATCAACGCAACGC GATCGCCTTTCTTCAGCCCCAACCCTTGTTGCAAATAAGCGGCAAACGCGCGACTGCGTTCTTCCAGCTTGCGGAAGGTC ATAACGGTCAGGGTTGATCTCCGTCGGAACGTCCGCGGGATAACGGTTAAGCCAAACCTTCTTCAATTCTTCACCTCTAA AATGCGTGTTCGTCGTCATCGCAACCCCAAATGATATACATGCCGTTAACATATATAACTCATCATACCAGCTTGATA CGCTGTTTCTTTTAAAAACAAGCAATTATTCAGTTACAACTGTTTGTACTCTCGCGGGGCCGGGATTATACCAGC  ${\tt CCCATCCGCCGTAGCCATAGGGCCAGCCACGACCGCCATAAAACCATGGATCAATCGGCTGAGGCGGCATAATCACCTGC}$ TGGGTTAAATGCCAACGTTTGTAACCCGTTACTTGCATCACCATAAATTTATAGGGCGTATTGCCGATTTTGCCGTCAAC  ${\tt CGCACCAGTGATTGGCCCGACTACCGTAACCAGTTGTCCACGGAAATCCACCGGGTCCAGAAAACCGTTCACATCGGCAT}$ TTCCCTTGCTGGTTTTGTACCGCAACCACTTTGCCACCAAAGCGTGCCTCCTGACCAACGTACAGCTGCGGCGCACTCAT AGCTGTTGCATTCGTCATGGACGATTTCGGGTTTGAGTACGGCTTCGGTTTCTTCACCGTGCCAGATACCGTTTTCATC ACGCCCCTTGCGCCATCGTCATTAGCGTGGAGACGCCAATCATCGGTAATTCCGCGCCAAGCGCCAGCCCTTGCGCGATG GCTGGTGGTCAGGATATCCTGCACCATCGGTAAGATTCGTTGAGTATGTTCACGAGGGCAAAGCTCAAAATGAGCGTTGA TAGATCAATAAAAAGGCGCGCATCATACCATACTCCGTAACAAATTACCTGGAGGATGGTATCGCAAGGAAACGAACCGC TGTCACAAATCACCAGCACGCCACGATCGTCGGCGTCGCGAATCAGTCGCCCTTGTTTGAGAGTAATGACGGCA TCTGGTAGTTGCACTCATCGAACGGGTCGCCACCGCGCAAACGACATCTTCCATGCGCGCTTTTAACAGTGGATCATC TGGTTGCCACAAGAAGCGCATTACCGGCGCTGACAAATTGCTGCAACAGTTGCCCTTTGCTGGTTTCCCCCTGCAACAAT ACAGGAAGCGTCATGGTAGCGCGGAACTGCTCGGCCAGATCGCGCATCATGGCGTGCGAGGTACAAAGCATAAAACAACG TGCGCAGCACACAGAGTAACGCCTGGCGGCTGTAATCAAATGGGCTGGGCAACAGCAACGACTCGGCCTGTTCGATGCCA  ${\tt AGCCGCGAGGTGAAATGATGCAGATCGTCGTTCACCGACAGCGTTGCTGAGGTGAAGATCCAGCTACCGGGTTTTTGCGC}$ AGCTGTAGCCCGGCTGATTGATCTCTTTTAGCCGCTTCAGCCGTGTGCGATACAACGTGGCGCGCTCAAATGCCGCATCC AGCAAGGCGGAACGCCCCAGTGACAGTTTCGCCACGTCATAACAAAGTTCCAGGGTGTCATCGAGCAGTAAAAATGCCCG GTCGAAGATCATGACGTCCGCTTCCGGGATCAGTTCGCCAAATCCACTCTCTTTAACCACCATATCCGCCAGAAAGAGAT GATGGTTTACCACCACCACATCGGCGTCCATCGCTTTTTTACGTGCTTTTGACCACAAAGCAATCTTTATACATCGGGCAG  ${\tt TCGCTGCCAAGACAGTTGTCGTTGGTGTGACCAGCGGCCACGCCTGTGAATCTTCCGCCACGCTGACGCAGGTGCT}$ GATATCACCATCGACTGTTTGATTAGACCAGGAGCGCAGCAGGATCACATCGCTTAAGATTTGTACCGGCAGATCGCCCC  $\tt CCGCCAGCGCCTGCTGTTCGAGACGTTCGAGGCAGAGGTAGTTTGAGCGCCCCTTTCAGCAGCGCCACGTTGCCCGTATAT$ TTCAATGCCTTTGAGACTGTTGGCAAATCGCGGCTGTAGAGCTGATCCTGCAACGCTTTTGAGCCGGTCGAGATAATGAC TTTCTTTTCGCCCGCAGCGCAGGGAGCCAGGTAAGCGTAGGTTTTGCCCGTACCGGTTCCTGCTTCCACCACCAGCGGCT GGCCTTTTTCTATCGCCTGGGTGACGGCTACCGCCATCTGTCGCTGTGGTTCTCGCGGCTTAAAGCCTGGTATCGCTTTC GCCAGCTGACCGTCTGGTGCAAAATCGTCCGTCACACTACCCCCTGTTGATTTGAACAGGGATTATGTCAGGATGAGGGC GCTTTCGCCAGTTGAAGTGGTGACGGCGACCTCACATTGTGGCAGTCTTTGCAGCACGAAAATGGAAGTATAATGAGGAC AAAATGATGACTATCGTTCGTATCGATGCTGAAGCCCGCTGGTCTGATGTAGTAATCCACAACAACACGCTCTACTACAC TGGTGTACCGGAAAACCTCGACGCCGATGCCTTTGAGCAAACCGCCAACACGCTGGCACAGATTGACGCCGTGCTGGAAA AACAGGGCAGCAATAAATCGAGCATTCTGGATGCCACCATTTTCCTGGCCGATAAAAACGACTTCGCGGCGATGAATAAA GCGTGGGATGCTTGGGTTGTCGCGGGTCATGCGCCGGTGCGCTGCACGGTACAAGCGGGTTTGATGAACCCGAAGTATAA AGTTGAAATTAAGATTGTGGCTGCGGTGTAAGCTTTATCGAAGCAAAATAAGTCAGACGATAATTTATCGATAATACTGG TCGGTTTTACATAAATCGACCAGAGAATAAGATATTACTGTTGATGCTTCTGCTAATTCATTATATTTATAATTTC AATTTTATCTATAAAACTAACTATATAAATAAACATAAACATGCCGTTGTGTTCGCCCTTTGATTAGCAACTCTGGTTTT CTTTCTTAGCTGAACAATCTGGTTATAGCGTGCGGACTGACCGTTAAATTTCTCCATCTTACTGGATAACACACCATGAG CTGCTACCTTTAAAACACCTGAATGTCAACAGGTTAACTCGTGCCATATCGTTATAATCCCTTTGATATTAGATGCAAAT TAAGGTCATATATAGCCTTATCGATAACATGGTTAATTTTAAGGATAAGAATATGCCTGCTGTAATAGATAAAGCCCTGG  TTAAAAGAACTGGGAGTACCCGCGAGTGCCGCTGATATTACGGCGCGAGCTGACCAGGAAGGCTGGAACCCTGGGTTCAC GGAAAAAATGGTTGGATGGGCAAAAAAAATGGAGACAGGTGAACGTTCTGTGATTAAAAATCCTGAATACTTTTCAACAT ATATGCAGGAAGAACTAAAAGCACTGGTCTGAGTTAAATTTATATCAGCATAAATGGGTCAGGACGCTTTTAATCACATA TAAAAAGCGTCCTTTTTCTCACAATCAAATGATCATCGGCTTCTATAACGAAATCGATACGGATTAGTGTGTTACTCGTC  $\tt CCTGCAAACATTGTTAACTCCTGCTAAATTGTTGGCGCTAATTATTTCATGCTACCCGGCACATAGCCAGTAGAGTCAGG$ GCCACCTGCCGTGGGCGATGCTTTTACACTCCGGCTATGCCGATCATCCGTATAGCCGCTTTGATATTGTGGTCGCCGAG GCTACAGGTGCTCCAGCAGGTGCTGGATCGCGCAGACATTCGCCCAACGCATAACGAAGATTTGCCATTTCAGGGCGGCG GATATGGCAGTGGGTATCTACGATTGGGCGCTCATTGTCGACCACCAGCGTCATACAGTTTCTTTGCTGAGTCATAATGA TGTCAATGCCCGTCGGCCTGGCTGGAAAGCCAGCAATTCTCGCCGCAGGAAGATTTCACGCTCACTTCCGACTGGCAAT GCCATTTAGCGCTTTTTTACGTCTTGAACAGGGTGCAATTTTAAGCCTTTCGCCAGAGCGGTTTATTCTTTGTGATAATA GTGAAATCCAGACCCGCCGATTAAAGGCACGCTACCACGCCTGCCCGATCCTCAGGAAGATAGCAAACAAGCAGTAAAA  $\tt CTGGCGAACTCAGCGAAAGATCGTGCCGAAAATCTGATGATTGTCGATTTAATGCGTAATGATATCGGTCGTGTTGCCGT$ AGCAGGTTCGGTAAAAGTACCAGAGCTGTTCGTGGTGGAACCCTTCCCTGCCGTGCATCATCTGGTCAGCACCATAACGG GTACGGGCTATGGAAATTATCGACGAACTGGAACCGCAGCGACGCATGCCTGGTGCGGCAGCATTGGCTATTTGAGCTT GAATTGTCGCCGATAGCCAGGAAGAAGCGGAATATCAGGAAACTTTTGATAAAGTTAATCGTATCCTGAAGCAACTGGAG GTTCGATTCATCTGCGTAAACACGCTGGACAAGTGGCATTCCCTGGAGGTGCAGTCGATGACACGGACGCATCAGCTATC GCCGCCGCGCTGCGCAAGCTGAAGAAGAGGTCGCTATACCGCCTTCCGCCGTTGAAGTTATCGGCGTGCTGCCGCCCGT  ${\tt AAGTCTCGGCGTGTTTGAAATGCCGCTCGCCCAGGCATTACATCTGGGTCGTTATCACCCTTTAGATATCTACCGCCGT}$ GGTGATTCACATCGGGTATGGCTGTCCTGGTACGAACAGTATTTTGTATGGGGAATGACCGCAGGCATAATTCGTGAGCT GGCGCTGCAAATTGGTGTGAAACCCTGACTATACTTATCTTTACATCTACAAAACACTACTTGAGACAATCATCGCAATA TTAGTTAAATCGCGGTTTTTGATTAGTTTAATTCATGTGAATAGTTAAGCCAGTCGCCGCGTTCCCTCTTACACTATGCG  $\tt CTGTTATTAGTTCGTTACTGGAAGTCCAGTCACCTTGTCAGGAGTATTATCGTGATTAGTCTATTCGACATGTTTAAGGT$ GGGGATTGGTCCCTCATCTTCCCATACCGTAGGGCCTATGAAGGCAGGTAAACAGTTCGTCGATGATCTGGTCGAAAAAG GCTTACTGGATAGCGTTACTCGCGTTGCCGTGGACGTTTATGGTTCACTGTCGCTGACGGGTAAAGGCCACCACCACCGAT AGAAGAGCGCGAACGTCTGCTGCTGCCACAGGGACGGCATGAAGTGGATTTCCCGCGCGACAACGGGATGCGTTTTCATA ACGGCAACCTGCCGCTGCATGAAAACGGTATGCAAATCCACGCCTATAACGGCGATGAAGTCGTCTACAGCAAAACTTAT TATTCCATCGGCGGCGGTTTTATCGTCGATGAAGAACACTTTGGTCAGGATGCTGCCAACGAAGTAAGCGTGCCGTATCC ATGAACACCGAAGGTGTACTGCCAGGCCCGCTGCGCGTGCCACGTCGTGCGTCTGCCCTGCGCCGGATGCTGGTTTCCAG  ${\tt CGATAAACTGTCTAACGATCCGATGAATGTCATTGACTGGGTAAACATGTTTGCGCTGGCAGTTAACGAAGAAAACGCCG}$  $\tt CCGGTGGTCGTGTGGTAACTGCGCCAACCAACGGTGCCTGCGGTATCGTTCCGGCAGTGCTGGCTTACTATGACCACTTT$ ATTGAATCGGTCAGCCCGGACATCTATACCCGTTACTTTATGGCAGCGGGCGCGATTGGTGCATTGTATAAAATGAACGC  $\tt CTCTATTTCCGGTGCGGAAGTTGGTTGCCAGGGCGAAGTGGGTGTTGCCTGTTCAATGGCTGCTGCGGGTCTTGCAGAAC$ TGCTGGGCGGTAGCCCGGAACAGGTTTGCGTGGCGGCGGAAATTGGCATGGAACACAACCTTGGTTTAACCTGCGACCCG
GTTGCAGGGCAGGTTCAGGTGCCGTGCATTGAGCGTAATGCCATTGCCTCTGTGAAGGCGATTAACGCCGCGCGGATGGC TCTGCGCCGCACCAGTGCACCGCGCGTCTCGCTGGATAAGGTCATCGAAACGATGTACGAAACCGGTAAGGACATGAACG  ${\tt CCAAATACCGCGAAACCTCACGCGGTGGTCTGGCAATCAAAGTCCAGTGTGACTAATACTTCTTACTCGCCCATCTGCAA}$  $\tt CGGATGGGCGAATTTATACCCGCTTTCTCGTCTGTAATATTCCCCACTACACTTCCACTGTTGCGTCAGGCGTTTGT$  $\tt CGCCATACGCTTACAGGGTGGCCCGCATGCAAAAAGCACAACGGATCATTAAAACCTATCGTCGTAATCGAATGATTGTT$ TTCCGCTGATTGGTCTGCCCTGCTCTGTCGCCCATTTGCCATTACGTAAACAGGCGGCAAAACTCCAAACTGTGCGATCC ATTGGCCTGGTGCAAGACGGCACACTTTATTGCTCCAGCATTTTTTGGTTATCGCAATGTGCCCGTCGTGGACATTCTGGC TGAACTTCCTGCACCGCAACCACTTTTACGCCTGACGATCGACCGTGCCCTGATTAAAGGCAGTCCGGTTTTGATTCAAT GGACGCCTGCAGCGGGCAGTAGCAATGCTGGGGTCATGGAGATGATTAACATCGACTTACTGACGGCAATGCTGCTTGAG  $\tt CCACAACTGCCGCAAATCAGTAGCGCCAGCCTGACGGTGGACAAACGGCATTTGCTCTATGGTAATGGGCTGGTAGATTC$ CCTTCCGCAACCTGAAGACAATGAAAACTATCAGGTTTCTCGCAACGCTTTCCTTTTACCATTAACGTTAATGGTCCGG GGGCTACGGCGCTGGCATGGCACTATCTTCCAACACAATTACCGCTGGCGGTGCTGCTAAGTTTACTGGTGGGCTACATC GCTGGATTTCACCGGATGTTTTATTCCTATCGCGGAAGAACATCATTTAATTGTGCCACTGACCCGCTATGTGATGGCA GAAACCATTCGTCAGCGCCATGTTTTCCCGATGAGTAGTCAGTTTCATGTTGGCATTAACGTCGCACCCAGCCATTTTCG  ${\tt CCGTGGTGTGATAAAAGATCTCAATCAGTACTGGTTTAGCGCTCACCCGATTCAGCAACTGATCCTCGAAATCACCG}$ TTCGGCACCGGCAACAGCTCGTTTTCCTGGCTTGAAACATTACGTCCTGACGTGCTGAAAATTGATAAGTCATTTACCGC AGCTATAGGTTCTGACGCGGTTAACTCGACGGTGACCGATATCATCATCGCGCTGGGGCAAAGACTGAATATTGAACTGG  ${\tt TGGCGGAGGGCGTGGAAACGCAAGAACAGGCGAAGTATTTGCGCCGTCATGGCGTGCATATTTTGCAAGGGTATTTGTAC}$ ATTTGCCGAGATCACGAGGCCCGCGACCGTCGCGATATCATCGTCATCGGCAAGGTGCTCAACATCAAGCGCCTGCTGCA AATTCACCCGCAATGGCTTCCAGCACATCCAGCGGCGTGACCAGACCTTGTACCACACCAAACTCGTTGGTCACGATAAC AAAGCTCCCGCGAGCACGACGCCCCAACAGGTTGATCGGATCGAGGGTTTCCGGGACGATAATCGCCGGAGACG  ${\tt CCGAAGCAATCGCCGCCACATCAACGCCCTCTTCCAGCGCCACCAGCAGTTCTTTAGCACGTACAATACCGATGATTTCA}$ TCCAGTTCACCGCGACATACCGGGAACAGACTGTGCGGTGAAGAGAGCAGTTGCTCGCGGGATTTCATCGACCCCGAGATT AGCGTCAACCCAGCTTATTTCACCGCGCGGCGTCATGATCCCGCGCAGAGAACGCGACGCCAGCGTCAGTACGCCGTTAA TCATGTAACGTTCTTCTGGCAAATGCACCTTCCGGGATCGGCATCGGCATCGGGTTATCGGCATCGTGAACATTG GCCTGACGTTTCCCGCCCATCAAACGCAGGATGGCATCGGCAGTACGCGCTCGCAGCGGCAAAGTCGACTGGTGGCGAAT AAAGTTGCGACGCGCAATCTGGTTAAACACTTCGATGATGATCGAGAAGCCAATCGCGGCATACAGGTAACCTTTCGGAA  $\tt CGGCAGATGGTTAACCATCCTACTGCAGTAATTACCGCATCCAACGAGAAGACGGCGTCAAGGATGACAATCTGTGACAATCTGTGACAATCTGTGACAATCTGTGACAATCTAATCTGACAATCTGACAATCTAATCTGACAATCTAATCTGACAATCTAATCTGACAATCTAATCTGACAATCTAATCTGACAATCTAATCTGACAATCTAATCAATCTAATCTAATCTAATCTAATCTAATCTAATCTAATCTAATCTAATCTAATCTAATCTAATC$  $\tt CGACCACCCAGAAACTGGCGTAGCCTTTACCGTGGCCGGAATCATGATCGCGGTTTTCCAGCCGTTCATGCAGTTCGGTT$ GTTGCTTTGAACAGCAAGAATATCCCCCCGAACAACATAATCAGGTCGCGTCCGGAGAAGGAGAATCCATGACGGTAAA TAGCGGTTTGGTCAGCGTGACCATCCATGAAATCAGCGACAGCAGCCCCAGACGCATAATCAGCGCCAGTGATAACCCCA GCAAACGCGCTTTATCGCGTTGTTTTGGCGGCAGTTTGTCAGCAAGAATGGCGATGAAGACCAGGTTATCGATACCCAGC  ${\tt ACAATTTCGAGAACAAGCGTGAGTAGCCCCGCCCAAATTGAGGGGTCCATTAAGAATTCCATGACAAGCTCCTGCTT}$ AAGGAATAGCTATTCGACGCCAGAAATAATGCAGGCGTAACGACAAAATGCAAACGAAAGGTGCGGCATAGAGTGCCAGA AAGGCAGGCGTTAAAAGGCCTGATGCTGAAATGACGTCGGTGACGATCCATACTGCGGGCTACTGCCCTATACTCCATGG GGATATTTTACCTTTCGAAATTTCTGCTAATCGAAAGTTAAATTACGGATCTTCATCACATAAAATAATTTTTTCGATAT  $\tt CTAAAATAAATCGCGAAACGCAGGGGTTTTTGGTTGTAGCCCTTATCTGAATCGATTCGATTGTGGACGACGATTCAAAA$  ${\tt TGGGCTGCAGAGCAGTTGCTTAAAACCGCAGAAATGCTGTTAGGCGAGCAGGAAAACCGTCGGCTGGATCGATTTCGTTCC}$ AGGTGAAAATGCCGAAACGCTGATTGAAAAGTACAACGCTCAGTTGGCAAAACTCGACACCACTAAAGGCGTGCTGTTTC TCGTTGATACATGGGGAGGCAGCCCGTTCAATGCTGCCAGCCGCATTGTCGACAAAAGAGCATTATGAAGTCATTGCA GGCGTTAACATTCCAATGCTCGTGGAAACGTTAATGGCCCGTGATGATGACCCAAGCTTTGATGAACTGGTGGCACTGGC AGTAGAAACAGGCCGTGAAGGCGTGAAAGCACTGAAAGCCAAACCGGTTGAAAAAGCCGCGCCAGCACCCGCTGCCGCAG CACCAAAAGCGGCTCCAACTCCGGCAAAACCAATGGGGCCAAACGACTACATGGTTATTGGCCTTGCGCGTATCGACGAC CGTCTGATTCACGGTCGCCCACCCGCTGGACCAAAGAAACCAATGTCTCCCGTATTATTGTTGTTAGTGATGAAGT GGCTGCGGATACCGTTCGTAAGACACTGCTCACCCAGGTTGCACCTCCGGGCGTAACAGCACACGTAGTTGATGTTGCCA AAATGATTCGCGTCTACAACACCCGAAATATGCTGGCGAACGCGTAATGCTGTTATTTACCAACCCAACAGATGTAGAG TAACGCGGTTTCGGTTGATGAAAAAGATATCGAGGCGTTCAAGAAACTGAATGCGCGCGGTATTGAGCTGGAAGTCCGTA AGGTTTCCACCGATCCGAAACTGAAAATGATGGTCTGATCAGCAAAATCGATAAGTAACGTATTGTGTTGATTATCACT GTAGCCTGTATCGCAGGTATGGGATCAATCCTCGATGAATTTCAGTTTCACCGTCCGCTAATCGCGTGTACCCTGGTGGG TATCGTTCTTGGGGATATGAAAACCGGTATTATTATCGGTGGTACGCTGGAAATGATCGCGCTGGGCTGGATGAACATCG GTGCTGCAGTTGCGCCTGACGCCGCTCTGGCTTCTATCATTTCTACCATTCTGGTTATCGCAGGTCATCAGAGCATTGGT GATGCGTGCTGCCTACCTGATGCCGTTCTTCTACCTCGGCTTCGTAACCGCAGCATTCACCAACTTTAACCTGGTTGCTC TGGGTGTGATTGGTACTGTTATGGCAGTGCTCTACATCCAACTTAGCCCGAAATACAACCGCGTAGCCGGTGCGCCTGCT  ${\tt CAGGCAGCTGGTAACAACGATCTCGATAACGAACTGGACTAACAGGTGAGCGAAATGGTTGATACAACTCAAACTACCAC}$  $\tt CGAGAAAAAACTCACTCAAAGTGATATTCGTGGCGTCTTCCTGCGTTCTAACCTCTTCCAGGGTTCATGGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCGAACTTCAAACTTCAAAGTGAAATTCGAACTTCAACTTCGAACTTCAA$ GTATGCAGGCACTGGGTTTCTGCTTCTCTATGGTACCGGCAATTCGTCGCCTCTACCCTGAGAACAACGAAGCTCGTAAA GGAAGAACAGCGTGCTAATGGCGCAGAGATCGACGACGGTGCTATCAACGGTATCAAAGTCGGTTTGATGGGGCCACTGG AGCCTGTTAGGTCCGCTGCTGTTCTTCATCCTGTTTAACCTGGTGCGTCTGGCAACCCGTTACTACGGCGTAGCGTATGG TTACTCCAAAGGTATCGATATCGTTAAAGATATGGGTGGTGGCTTCCTGCAAAAACTGACGGAAGGGGCGTCTATCCTCG GCCTGTTTGTCATGGGGGCATTGGTTAACAAGTGGACACATGTCAACATCCCGCTGGTTGTCTCTCGCATTACTGACCAG  ${\tt ACGGGCAAAGAACACGTTACTACTGTCCAGACTATTCTGGACCAGTTAATGCCAGGCCTGGTACCACTGCTGCTGACCTT}$ TGCTTGTATGTGGCTACTGCGCAAAAAAGTTAACCCGCTGTGGATCATCGTTGGCTTCTTCGTCATCGGTATCGCTGGTT A CGCTTGCGGCCTGCTGGGACTGTAAGACTGTTGTACACTACCGGGGCCTTTTTGGCCCCGTTTTTTTATCTGGAGGATTA ${\tt CCGCCGTAACGGCCCCACCCTGCTGGCAATTCCTTTGCTCCGGCGTGGTCGCATCGATAGCGTTATCTTCGTCGGATTGA}$ TTGTCATTCTTATCTATAACAACGTCACGAATCATGGTGCGTTAATAACGACATGGTTATTAAGCGCACTGGCTCTGATG GGTTTTTATATATTCTGGATCCGCGTTCCGAAGATCATCTTTAAACAAAAAGGTTTTTTCTTCGCCAATGTCTGGATTGA ATATAGCCGAATCAAAGCGATGAACTTGTCGGAAGATGGCGTGTTGGTGATGCAATTAGAACAGCGTCGGCTGTTAATCC GCGTTCGAAATATCGACGATCTGGAAAAAATTTATAAGCTTCTCGTTTCAACTCAATAAGTTATGAATTTAGCCAAAGCT  ${\tt ATGTTTAGTGTATTTTAATAATCAGACATAGCTTAGGCTATATTACCTCTTCCCTTATTTGTTATTTTAACGTTT}$ CATTGATATATAAATCCAAATGAAAATCGTTATCAATAAAGCAATGAAATAATATATTCCAACAGTTGTTTTATATTCTC AAAATATGTTAAGGTTGCGCCCTCATTTGGGGAGTAGCCGATTTCCAGATTCCGGAAATGTACGTGTCAACATACTCGTT GCAAAACGTGGCACGTACGGACTGAATACTTTCAGTCAGGCGAGACCATATGCACATCAATCGCTATGCCTGCATGAACG  GTGCCACCCTCCATAAACCGAAATTTTCTGAAGCATTGCGAACCGGCCTTATTTTTGGTGCCGTCGAAACCCTGACGCCG  ${\tt
TCTGGCTACTGGTAACCACCGCGATTGCCACCAGCCTGGATGCCATGGCTGTGGGTGTTGGTCTTTCCTGCAGGTC}$ ACTTCCACGGTTAATAAGAACGCTGCCAGAGGTGAATATTAAAGTCCGTCTGGCAGTCGAACACTTCTTTTGCTGCCAGT GTTTGCCAGACTTCTGGCTTCGCACGCCAGGCAAACGGCGTCATCTGCAATAATGCGACGGCTTCATCACCGCGAAGACG  ${\tt CATCGGATAACACTCCGCACTCTGCTGTAATGTAAAACCTTCCAGTTGTTCTGCATGAGGTGCATGAAGATGTACTT}$  $\tt CATTGTAAATCAGCCCCTTCAGCTCCATCAAATGTCGCGGTCCCGGCGTGGCAGTAATGACCCAGCCGCCGGGCTTCACT$ ACTCGTGCTAATTCTTCTGCTTTACACGGCGCGTAAATACGTATTATGGCGTCCATACTGGTATCGGAAAACGGCAAACG GTGGCTGGAAGCGACAAAAAGTGACCTGCGGATAGCGTTTCGCCGCCGCTTTTATCGCTACCTTCGAAACATCCAGAC CAAACGTGGTGATTTCGGGCAACGCATCGGCAAATGCGTGTGTAATACCCTTCACCACAGCCAATATCCAGCACCGCC GTGGCCTTATCATCAAGCCGTTCCCTCAGTTGGGCGACAATTGCATCACGCAGCGGCTGATAATGTCCGGCATCTAAGAA TGCGCGGCGTGCTTGCATCATTTCCGCGCTGTCGCCCGGATCACGAGACCGTTTATGCTGAACGGGCAGCAGATTGACAT ACCCTTCTTTCGCCATATCAAACTGATGTCGCTGGGGACAGATATAGCTGTTTTTTTCACGCGAAAGAGGCTGATGGCAA AGTGGACAGGAAAAAGACATGACAACTCCGGCAGGATACTAAAGGCCGCAAGTGTAACGCGAATCACGCGGCGGCGAAT ATCCGAACGCCAGGAGCGAAGATAAAGCATAGTAAAAAGCCTCGCATTCGACGAGGCTTTATAGCGAGATTGAAGCGTAT TCACACTTCAGATCAGTGGATTCGATCAGATAGCTGTTACGTTAACAGCTGCCGGACCTTTCTGGCCGTCCTGAATTTCG  ${\tt AACTCAACGTTCTGACCTTCAGCCAGAGTTTTGAAGCCATTACCCTGGATAGCGGAGAAGTGTACGAACACATCTTTGCT}$ GCCATCAGCCGGAGTAATGAAGCCAAAACCTTTAGACTCGTTGAACCACTTAACCTGACCTTTAATCTTTGCCATTTGAA AAATTCCTTAGATTGTTTTCTTCGCCCGCAGGCATAACATAGATAAAACTGACACATTACTGCATGAGGCACCAATATAA GGCTCGGCAGAGAGCGGTATTCAACGTCAACGTGTTTACTCAGGACTTCTTTACTGAAAATGCCACACATAAACAGAAC TGTACCTCGTTTAACCCGAAATCTGTTATCACATACAACGTTAATTATGGCAAGCCATTTTTAAACATGTCTCGATCAGA CGCACAAATCTCGATACGTCTTCCACTTTTTTTGCACACTTATGCAACGGAATACGCGCCGATATATCATTGTGCTTAAC GAAGTTATTACATAGTGCGTGCAATATCACATTTTTTGCTATGCAATGAATAAAAAGTTATATCACTTTTTCTCATAAAA CAGTCAGTTAACGCCTATTAATTACCCTAAAGAGAAGTCAATCCCCAAAGGGATTGTAAAATTAAAATAAGAAAAATTGA  $\tt CCAGAGTTTTAATTTGAAGCAGTTGCACCATGACAGTGCGTATAATCAGGATGAATTGAGTAACCCTTCAACGACGGGGT$ TACTCAAGATTGAGGAAGGATTATCGTTCGGCGACCAGACGAATAATATCTTCGTCTTCAACCGATTTTTGACTCTCAAC GGTCTTTTTATCTGCTTTCTCTGGTTTGCTTTGCTCGCACAAACGACGTAACAGTGCATTTTTGACGTTTTTTGCTGATCCA GCAACGCCTCAAGCAGTTCAATCTGTTCGTTAGTCCGTGAACTGGCACGATTGATAAAAAACCACAAGATGAGCCCGATA AGAAGAACCACCACCACTACAACCAAAGACGCAATGTTCATCACCGCCTGAATTTACAACTTCGTTCATTTCACCACCTCT GAGTAGAGGCGCTATTCTACCACTGCTGGAGAGGAAGAAATCTAGTGCTGAAAAAATGATATCACCACGGGATAAACTG GTTAATGGCACAAATTCCGCTGAAAAATTGTACATCCTGATCGCACATCATGTTGAATACCTGCGCCCAAAGCAGCAGC ATTGCCGCTACGATTAAGCGAACATAAAAAGAGAGAGGTTGTAATGCGATTCATCATTCGCACAGTTATGCTGATAGCA ATGTACCTATCTGACTGCCAGAGGCACCAGCACGGTACAATACTTGCACACTAAAAGTGGTTTTTTTGGGGATAACAGATTTGATATTCCGACAGGTTCTTACTCTCATCAGAACGGATAGTCGTGATAACCCATTTGGGCAGAAATTTTGCGCGCTGCGG TATGCAACATTGCGACATATTCCTGTAAACGCTCTTCAGAGAAACGCAACGTCGGGAAGGAGATGCTCAAACCGGCAATG  CGCCCTCAAGAATTTGCTTCACTTCATCGCGATCGCGCCATGCCAGCAGTACCTTACCAATCGCGGTGCTGTACAGCGGA TTACGACGCCCAATCCGTGAATACATGCGCAAATTGTACATAGAGTCAATTTTGTGAATGTAAACAATACTGTCTTCGTC  ${\tt CAGTGCGCCGAGGTGGATAGTTTCTTTGGTCAGGCGGAGAGCTCACGCATCTGGATATCTGCGCTACGAATTAAATCGAATTAGAATTAGATCGAATTAGAATTAGATCGAATTAGAATTAGATCGAATTAGATTA$ TAACCTAAGGTTTTCATGGTCTGTAAAAAGCGATAAACGGTGCTTTTTGACATCATGACGCGCTGCGACAGCTCGGTTAT  $\tt CCCTATTTCGCGCTCTTCACCCAGCGCCTGCAAAATGCCAAAAACTTTTAGCACGGAAGATACAGAATCAGGCTGTTTAT$  $\tt CCAGATCTGCGTTAGCCATTTATCACCTCATTGCGAGTGTTTTATAAAAATCAGAACTGTTTTTTATTATAATTTCGCAC$  ${\tt CAGGGTGGTCGCAATCCATCTTTTGCCGGTTAGTTACAATTCTGCGACATCCACCGTGAATATCAGTGCTAGAATCATAC}$ CCCTGTTGATTATTCACCAAAGATATAAAATTCCTATGCCAAAAGTTCAGGCCGACGGCCTGCCATTGCCCCAGCGATAC GGTGCGATATTAACCATTGTGATTGGTATTTCGATGGCCGTCCTTGACGGCGCAATCGCCAACGTCGCCCTGCCAACAT CGCCACGGACCTTCATGCCACGCCAGCCAGTTCCATCTGGGTAGTGAACGCCTATCAAATCGCCATTGTCATCTCCCTGC  ${\tt TCTCGTTTTCTGGGCGATATGTTTGGCTATCGACGTATTTATAAATGCGGTCTGGTCGTTTTTCTGTTGTTCTCACGTCTTTCACGTCTTTTCTGTTGTTCTCACGTCTTTTCACGTCTTTCACGTCTTTTCTGTTGTTCTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTTCACGTCTTTCACGTCTTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTTCACGTCTTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTTCACGTCTTCACGTCTTTCACGTCTTCACGTCTTTCACGTCTTCACGTCTTTCACGTCTTTCACGTCTTCACGTCTTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCTTCACGTCACGTCACACGTCACACGTCACA$  $\tt CTGTTCTGCGCCCTTTCTGATTCGCTGCAAATGCTCACCCTTGCGCGTGTCATACAAGGTTTCGGCGGTGCAGCGTTGAT$ GAGCGTTAATACCGCACTTATCCGCCTGATCTATCCACAACGTTTTCTGGGTAGAGGGATGGGCATAAACTCGTTTATTG  $\tt TTGCCGTCTCTTCTGCCGGGCCGACAATTGCTGCAGCAATCCTCTCCATCGCATCCTGGAAATGGTTATTTTTAATC$  ${\tt AACGTACCGTTAGGTATTATCGCCCTGCTTCTGGCGATGCGTTTTCTGCCACCCAATGGTTCTCGCGCCAGTAAACCCCG}$  $\tt CCCGTACCGCTGCTACCGGTGGATTTACTGCGTATCCCGCTGTTTTCACTTTCTATTTGCACATCTGTTTGCTCTTTCTG$ TATTATCTGGCCGATGATCTTATGTGGTGCTGGATTTGGCTTATTCCAGTCACCCAATAACCACACCATTATTACCTCCG GTGGCGCTGATGCTAAATCAGTTTGGAGATAATGGTACACACGTCTCGCTGATGGCTGCGGCTATTCTGGCAGTGATTGC CGCGAGAACCACATGGTGATAATGCTCGCCAGAATACCAAACACCAGTTCCAGAACCGTTGCAACCGCAAAGTAGATCAG  $\tt CGGGTTGCCGTTGCTCTCACCTTCATCACGATTTCCGCCCATAAAACCCGCGGCAAGCTGCGCCAGAATACGGGAAA$ TAAAGATAACGAAGGTGTTCACCACGCCCTGAATCAGCGTCATGGTGACCATATCACCATTGGCGATGTGGCTGATTTCG TGAGCAATTACCGCCTCGGCTTCATCCGGGCTCATGTTCTGCAGCAAACCGGTGCTGACAGCAACCAGAGAGGCATCACG GCGCGCACCGGTTGCAAAAGCGTTGATGTCCGGCGCATGGTAGATAGCCACTTGCGGCATAGCGATCCCCGCCTGACGAG AATGCCATCCATTTGGACATCAGAAGCGAAACGAAGGAACCACCAAAACCGAACAGCCATGATCATCAGCCCCTG  ${\tt AACGCTGCTCGACTGTATCCCTGTCAGGCTCAGTACCAGCCCGAAAACGACCATTACGGCCAGGTTCGTTAGCAGGAAGA}$ GCGCGATTCGCATCATAATTTTCTTTTTACCTCAGTTTAACAAAACGCAATATGCGATACCCACATCGTATGGGTTACGC GACTATTTTCAAGTCTGGATAGTGCGTAAGTCACCAGAAAGACACACTTTACATTTTGTAGCATCTGATTTACGGCATC GGCTTTTTCAAGCTTCGCCAGATCGAGTGCGATATTCACCGTCTCATCCAGATAAGGATCCGGCTCCTGGTAATCTTTCG TCTTCATTATTCTCTCACGCACAGCGTAATTCAGAGAAACGATATTGCGCTTGTCCTTCATAGCGTTGAAGCGCGC GATATCCTTCATGATGTTCTGGAACTCAGGATCTTTCGCGATACGCGCATTATGTTCCTTCAGCAGCTCCGGTTCAAAGG  ${\tt CCGTTAAATCTCCTGATTTCACATAAGTCGCGGCATCAATGCTATCCCACGGCAGCGCGTTATCTTCGAATTTCTCACCC}$ GTTTCCGTTTCTTCATTACCCGTCGGCATGATGTCTGGCGTTACGCCTTTACGTTGCGTACTGCCGCCGTTAACGCG ATAGAATTTCTGGATCGTGTACTGCACAGAACCCAGCGCTGGCCATTCAGGACGTAACATCTGATCGTAAATACGGTTCA ATGAACGGTATTGCTGAACGGTGCCTTTACCAAACGTCGGTTCACCCACAACCAGCGCACGACCGTAATCCTGCATTGCC GCGGCAAAGATTTCTGAAGCCGAAGCACTGAAGCGGTCAACCAGCACCACCAGCGGGCCTTTATAGAAAACCTGTCCGTC GGTATCGCTATCTTCACGAACCTTGCCGTTGTTATCGCGGACCTGAACAATGGGACCCGCAGGAATAAACAGACCGGAGA GCGATACGGCTTCAGTTAACGCCCCACCGCCATTGCTACGCAGGTCGATGATGACGCTGCTGACATTCTGTTTTTCCAGT TTCTGCAGTTGCACTTTGACATCGTCTGTCAAACCCACATAGAAGCCCGGAATATCCAGCACGCCGACTTTCTCTTTACC GACGGTCTTCACCGACATTTTAACCGCGCGGTCTTCGAGACGAATACGTTCACGGGTCAACGTTACAGTACGGGTCTTGG CGCCAGCCAATCACGTCAACCATCGGCTTGCCTGTTTGACCAACACCGACAATTTTGTCACCAACGCTGATAGCTTTACT  $\tt
CTTCGCTGCCGGACCACCTGCCACCATCGAATTGATAACGGTGTAGTCATCCATTTGCAGCACTGCGCCAATACCTT$  $\tt CCAGCGACAAACTCATTTCAGTGTTGAACTGTTCGGTATTACGCGGGGAAAGATAGTTGGTATGCGGGTCGATTTCACGC$ GCAAACGCCGTCATTGCCAGCGAGAAAACATCTTCGCTGTTGGTTTGCGCCAGACGACGAATGGCAAATTTGTAGCGGCG  ${\tt AGTCAGGGTTTCACGAATTTCTTTATCCGTTTTCCTGTCAGCTTCAGGCTTAACTCGTCGAATTTGACTTTACTGTCCC}$ A CAGCGCGTTCAACTCAGCCTCGTTTTTCGGCCAGGGCGCTTTGCTGCGGTCAAGGTTATAAGTGTCGTTGCCGGTGAAATCCATCGGCTTTTCCAGTACCGACAAAGCGTACTGGTAACGCTCAAAACGGCGCTTTTTGCGCCAGATTGTAGAGATCGTA GAAAACGTCGAGTTTGCCTGAACGCAGTTCATCGCCTAACTCGGTTTTCTTTTTCGCGAACTGTTCAACATCGCTTGCCA GCAGCACGTTGTGGCTGTAATCGAGCAGATTCAGGTAGCGGTCAAAGATTTTGGCCGAAAATGCCTGATCGAGGTCGAAC TGGCGATAATGAGAACGGGTGAAGCGCGACGTTACCGCGCTCACTTACCGTCGCATGCTGCGTCTCTTTCCTTTAATACCGG AATTTGATCAGCACGCGTGATATCTTCTACAGCGAAGGTCTGGCCTGCTATTGCAAGCAGGCCAGCTAACGCGGTAAGCC TAAAAAACATGTTCATGCCTGGCCCGGCCTCCGTTTCAGAACACCCGGTGTTCTGCGCGCACAATCAAAGACATACCCGA  $\operatorname{GGGCTTGTCCGACAGTCAGAGCTGAAATGTCAGAAACCGGGGTGTGTTGTTCTTCGCGAGGTGCTTTTACTGTTTTTTGGC$ GCTTTCTCTACCGGCTTTTGCGCACGAGGTTTACGTTCAGCGCCTTCTTTGCGGCGTGGCGTAGTCGGACGTGGCTTGCG TTCGCGGCGCGTGCTTCTTTCTCACCAGCAGTTGCGGCAGCTTCGCGTTTTTTCGCTTGCTGTTCAGCACGCTGTG TCGCAATTGCGTTTTGCTCAGGTTCATTTCCCCAGCAACACGATCGACCAAATCCTGAAAAATACCGATTTTCAGCGGAC GGTTGATTTTCCATGAAATTTCCTGATTACAACGGACGTAGCCAACAAGCGCAGGCATGAACAAGGCGTCATTATAATGAC GCTATCAGTAAATGCTACGTTATCCGTTGATTATCCTGCGACGCTCGCAAAGAATTTTTTTGTAATCCGTCGTTGCAAGCA CTTTTTCAAGCTGTGCCACAAGCTGACGTAAGCCTTGCTCGTCCTCGTCTGTAAAGCGACCGAAGACGGTACTATCGATG TCGAGAACACCAATAATCTGATTTTTCACCACCAGCGGCAGAACAATTTCAGAATTACTCGCCGCATCACAGGCAATATG GTATCCGGACACAGGCAATTTTGCCCTGAAATGGTCCGAGTACCAGTGTATCGTCCTCAAGCAAATAAAAACCTGCCCAG TTTATGTCAGTGAGACGCTCATATAACAACGCACTGGTGTTCGCAAGCGTTGCCAGAAAACTGGTTTCTCCCGCCATCAG  $\tt CGCGTTAAAGTCGCGATTTAAATCCGCGTAAAATTCTGTTTTGTTCATTATATAATCACTTGGTTGTCTTACCTGGATCT$ GCCAGCCTATTAAAATAAGCATTAAATGCGTTAATGCTCAAGATCATTCCCATCATGGGTTAAGATTAATGTTAATTCTT ATTACATTTGGCACGTCATGGCTCTTAACACACCACAAATTACGCCGACAAAAAAAGATAACAGTGAGGGCAATCGGCGAG GAACTGCCGCGTGGTGATTACCAACGTTGCCCGCAATGTGACATGCTGTTTAGCCTGCCCGAGATAAATTCTCATCAAAG TGCCTATTGTCCGCGCTGTCAGGCAAAAATTCGTGACGGGCGCGACTGGTCGCTAACGCGCCTTGGCGGCAATGGCCTTCA GTTATGCAAGGCATCTGGCAAATGACCAAACAGGGCGATGCGATAACGGGGTCGATGGTCTTTTTCTGCGTTATTGGTGC TGCTTGAGCGACTTAAAGAGTGGGTAATGCTCGATATCTACCTGGTCGGCATTGGCGTTGCTTCTATAAAGGTACAGGAT TATGCCCATATCCAGGCTGGTGTCGGCTTGTTCTCTTTTGTGGCGTTGGTGATTTTAACGACGGTGACGTTGTCACATCT TAATGTCGAAGAACTGTGGGAGCGATTTTATCCGCAGCGCCCCGCTACGCGTAGGGACGAAACTTCGTGTCTTG GGTGCCATTTTACCGGCTATCCAGATCAGCGTGGTCGCTGCCCGCGTTGCCATATCCCGCTACGCCTGCGTCGCCGTCAT AGTCTGCAAAAATGCTGGGCGCGCTGTTAGCGTCAATCGTTTTATTGTTACCTGCCAACCTGTTGCCTATTTCTATCAT TTATCTGAACGGAGGACGCAGGAAGATACAATTCTTTCCGGAATTATGTCGCTGGCAAGTAGCAACATTGCGGTTGCAG  A AATGCCAGCAAGGTTTACGCACACGCATTCTGTTACTGCGGATGGTGACCTGGATTGGTCGCTGGTCGATGCTCGACCTGTTTGTCATATCTTTAACCATGTCGCTGATTAATCGCGATCAGATCCTCGCTTTTACTATGGGACCGGCTGCGTTTTATT  ${\tt TCGGCGCAGCGGTAATTTTGACTATTCTTGCTGTGGAATGGCTGGACAGCCGCTTACTTTTGGGATGCACATGAGTCAGGACTGGGATGCACATGAGTCAGGACTGAGACTGAGGACTGAGGACTGAGGACTGAGGACTGAGGACTGAGGACTGAGGACTGAGAGACTAGACTGAGACTGAGACTGAGACTGAGACTGAGACTGAGACTGAGACTGAGACTGAGACTGAGACTGAGACTAGACTGAGACTAGACTGAGACTGAGACTGAGACTAGACTAGACTAGACTGAGACTAGAACTAGA$ GGTATTGTTCCAGGCCGTACGCCTGTTCGTTATCAGGGCGTTGAAGTCGGAACAGTGCAGGATATCAGCCTCAGCGACGA TGACGCCAAAAGCATCGTTGGCAGGTGTCTCCGGGCTGGACGCCCTCGTCGGTGGGAACTATATCGGCATGATGCCGGGT AAAGGTAAAGAGCAGGATCACTTTGTCGCACTCGATACCCAACCGAAATATCGGCTGGACAATGGCGATCTGATGATCCA GGTAGCCGTTTCTGGAACGTTTCCGGCGTTGATGCCAACGTCAGTATCAGTGGCGCGAAGGTGAAACTGGAAAGCCTGGC GGCACTGGTTAACGGTGCGATTGCCTTCGATTCACCAGAAGAGTCGAAACCTGCCGAGGCGGAAGATACCTTTGGTCTGT ATGAAGATCTGGCCCACAGCCAGCGTGGCGTAATAATAAAACTGGAACTGCCGAGTGGGGCCGGATTAACCGCCGACTCG AATGACCGTTGATCCCAGCGTCGTTACCCTGCTTCGTGAAAATACCCGCATCGAATTACCCCGAAATTATCCCTTA GCGATGCTAATCTCAGCGCCCTGCTGACCGGCAAAACCTTCGAGCTGCTGCCCGGCGATGGCGAGCCACGCAAAGAGTTC GTTGTTGTGCCAGGCGAAAAAGCACTGCTGCATGAACCTGATGTTCTGACGCTGACCCTGACCGCGCGGAAAGTTACGG TCACCTTTACCGTCGCCATCGAGCCTCAGCATCGCGAACTGGTAAAAGGCGATAGCAAATTTGTCGTCAACAGCCGTGTC GATGTGAAGGTGGGGCTGGATGGCGTTGAGTTTCTCGGTGCCAGCGCCTCAGAATGGATCAATGGCGGGATACGTATTCT GCCGGCCGATAAAGGTGAGATGAAAGCCAGCTATCCACTGTATGCCAATTTGGAAAAAGCGCTGGAGAACAGCCTTAGCG TTTGAAGTTGGTGAAGTGATTACCGTGCGTCCGCGAGCTAACGCGTTTGATATCGATCTGCATATTAAGCCGGAGTATCG  ${\tt AGGCATCCCGGTTCCCAGAGCATTAAAGGGAGCCATTAGCTTCGACAACCTCAGCGGTGCCAGCGCCAGTCAGCGTAAA}$  $\tt GGCGATAAGCGTATTCTGTATGCTTCCGAAACAGCGGCCCGTGCGGTTGGCGGCAGATTACGCTTCACGCTTTCGATGCTTCTTCGATGCTTCATGCTTCTTCGATGCTTCAT$ GTGGTCACACCGCAAATTTCGGCAGCTGGCGTTGAGCATCTTGATACTATCCTCCAGCCGTATATCAACGTCGAACCAGG  $\tt TTGTTGAAGCGCCGGAAGCCGGTTCGTTAGGCATCGGTACGCCTGTGCTGTTCCGTGGTCTGGAAGTCGGTACGGTTACA$ GGAATGACGCTGGGGACATTGTCAGATCGCGTGATGATTGCGATGCGCATCAGTAAACGCTATCAACACCTGGTGCGTAA TTCCTGTTGCAGGAAAGTGAACCGAAAGAGTGGCGTGAATGGGGGAACTGCGCTTCCCAAATAATGCCCACTGCTCCGGCG TATTTCCCGGACGCCTTTCTGACACAAATGCGCGAAGCGATGCCTTCGACGCTCTCATTTGATGATTTTCTTGCCGCCTG TCAGCGCCCGTTGCGCCGCAGCATTCGCGTTAATACGCTGAAAATCTCCGTTGCTGATTTCCTGCAATTAACCGCTCCTT ATGGCTGGACGCTTACGCCAATTCCGTGGTGTGAAGAAGGTTTCTGGATTGAACGCGACAATGAAGATGCATTGCCATTG GGTAGTACCGCCGAGCATTTAAGTGGCCTGTTTTATATTCAGGAAGCCAGTTCAATGTTGCCTGTTGCCGCCTTGTTTGC TGACGGTAATGCACCACAGCGGGTGATGGATGTCGCTGCCGCGCCTGGCTCCAAAACGACGCAAATTTCCGCGCGGGATGA ATAACGAAGGGCCAATCCTTGCCAATGAGTTTTCCGCCAGTCGGGTAAAAGTGTTACATGCCAATATCAGCCGCTGTGGT ATCAGTAATGTTGCGCTCACACATTTTGATGGCCGCGTGTTTGGTGCCGCAGTGCCAGAAATGTTCGATGCCATTTTGCT GGACGCTCCCTGCTCTGGCGAAGGCGTGGTGCGTAAAGATCCCGATGCGCTAAAAAACTGGTCACCAGAAAGCAATCAGG TGTACCTTAAACCAGGAAGAAACCGAGCCGTTTGCCTGTGGCTGAAAGAGACTTACCCCGACGCAGTAGAGTTTTTACC  GCGAAGGCTTCTTCGTTGCTCGTCTGCGTAAAACTCAGGCGATTCCCGCCTTACCCGCCCCAAATACAAAGTCGGTAAT TTTCCGTTCAGCCCGGTGAAAGATCGCGAAGCTGGACAAATTCGTCAGGCGGCTACAGGTGTTGGCTTAAACTGGGATGA AAACCTGCGCCTCTGGCAGCGTGACAAAGAACTGTGGTTGTTCCCGGTGGGCATTGAAGCCCTGATCGGTAAAGTCCGAT TTTCTCGGTTGGGGATTAAACTTGCCGAGACGCACAACAAGGTTATCGCTGGCAGCATGAAGCGGTTATTGCTCTTGCC TCACCCGATAATATGAATGCATTCGAGCTGACACCGCAGGAAGCGGAGGGGGTGTTATCGCGGGCGCGATGTTTACCCGCA AGCCGCGCCAGTGGCGGATGATGTATTGGTTACTTTCCAGCATCAACCGATTGGTTTAGCCAAACGGATTGGTTCGCGAT  $\tt
CACTTTTTGACTGGCACATTCGGCTGCACTAGGCTGAAAAAATGGTGCGATCGGACTGGTCGTACCACAATCGGCAGATCGGATCGGCAGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGGATCGAGATCGGATCGAGATCGAGATCGAGATCGAGATCGAGATCGAGATCGAGATCGAGATCA$ ACCAGTATCCCTGCCCTGCTAAATGGCGAACACTCTGTCCTTTACCGTACCCGTTACGATCAACAATCTGATGCCTGGAT TATGCGTCTTGCCTGATCCAAAAAGAACCCGTCGGCATGGCGGGTTATTTGTCCTGGTTATTCCCCCGTTGTAAAATCTC GTTGTGAAGATATTGTTGTGGATGTCTACAACACGGAACAGCAGTGTCTTTATTCTATGAGCGATCAACGGATCCGCCAG ATTGCACAAGAGTCAGTTCGCCCCCAAAGACAGCACCGGTATCAATATAATGCAGGTTGCCAATATCCACGCGATGTCGC AACGGTGTATGACCAAACCAGAAATGATCAGCACCTGTAATTCCCTGCCCTTTTTGGCGTTCACCTAATCGCGAGCGGCT  $\tt CCACAAGACCTGATGCAAATCAACGTCCTTTTGCCATTCATAAACATCATCTGGATAATCGGCATGAGCAATAACATGCT$ TGCCGGTGCGACTGTTCTCAAGAATAAAGGGCAAATGCTGACATTTTTCCAGCGCCGTTTTCGCTTGTTTGA CATCTGTTCATGATTGCCTCTTACCGCACAAACCCAATGTTGTTCCAGTAACTGCAGACAACGTAAACTTTGCGGCCCAC GATCGATAACGTCTCCCACTGAGATAAGTAAATCTCGCCACGGATCAAAACGACAATGCCATAATTTGCGGCGCAACTGC TCAAGACAACCGTGTATATCGCCAGAAAGCCAGATATGTCGCCATTGATGACCCGCAATTCTCTGATAAACGGGCGCAGG CTGTTTCATCAATATTTTCCTCCCGCGCTAAAGATCACATAATCTTAACAAGAATGTTAAAAAACGCTGGACTCAGACAG TAGAGTGTGTGTTATGGTTGACTATAAAGTCAGCGAAGGAAATGCTTCTGGCTTTTAACAGATAAAAAAGAGACCGAACAC GATTCCTGTATTCGGTCCAGGGAAATGGCTCTTGGGAGAGAGCCGTGCGCTAAAAGTTGGCATTAATGCAGGCTTAGTTG  $\tt CCTTGCCCTTTAAGAATAGATGACGACGCCAGGTTTTCCAGTTTGCGTGCAAAAATGGTCAATAAAAAGCGTGGTGGTCAT$ CAGCTGAAATGTTAAAAACCGCCCGTTCTGGTGAAAGAACTGAGGCGGTTTTTTTATTGGAAATCAAAAGGCTATTTTAG GTAATTAACAGAGTTTTTCAGCTCGTTCTATAAACGGTGCCAGACTCATTTTTTCGCCGGGATTGTTAGGATCATCAATC TGAATCACCGAAATGGGTTGGGCATTGGTCTTCCCACTGGCAACTTCCTTTTGTGCGATATCGTTTAAAGGATACTGCAC GAGGGTACTCGGATTAATAACATACAAAGCATTACCCGGTCGGCAAGTCAGCATCACCTCTTCGCGATTAAACGCCCCATT TGTCTTTACCCACTTCAAAACGACTGACGGTAATCACCTGCGGTGCAGCCGCCGCTGCAGAACTGGTGAGTAACAGA GCGGTACAAGAACATAACGATTAGCCAGCGCAATGACCACCATAATCATCACCAGGATGGCTTTGAGCAATAAGAGTTGG  ${\tt CCCCAGTAAGTCGTAAGCGTGGGGGGAAATCCGGTAATCAACAATGCATTAAGCACGCCGCTTGCCAGTACGCCGATCAC}$ CGCAAAATGCCCGCACCAGGAAAAACGCATCAGCGCCTGAATAGCCTGGTGTCGCCAACGGCCTTTGATGAGTTGCATAC  ${\tt ACCAGAGCACCGGCAGTAATCCCCCAAACCACGCCGCCGCACAAATCAGGTGAATCGCGTGATTAGTCTGATGGATTTTC}$ GCTGTTACCCCTTCATTCAGCGTCGCATGCCCCACTCCCGCCAGCAGAATAAATTGCGCGGGTAGTGAGCATAAACAGCAA ACGTGGCATATTCCGCGGTTGCATAAGGGCGACGATCAACGTTACGAGGGCGAGAACAATTTGCCATAACCAGATGCCAC CAAACTGCGTTTGCAAAACAGCCTGCCAAATGTTTTGGCGAAAATACATCTGTCCATCCCGTTCCCATCAACCCGCCCTGA GCGACGAATCGTCAAGGGGGCCAGCCAGGCACCGTACATTGCGAAGCCAAAAACCAGCATCAGCGAGGTGAAATGGATAA  ${\tt ACCGAAACAACATGCCAGTCAACGGTGTAGGTTCCGGGTTTCAGCGAATCGGCCAGTGGAACAATCAGTTGCTTTTGGTC}$  $\tt CTGCTCATTTCGCTTCGCCGGTAATGTTTTAATATTTTCGTTTTTTTGGCCCCGTGATTTTTTGCACCACTGAATCCTGTTT$  $\tt CAACACCTTCCGAGAAGTTTAAAGTGATTGCCTGCGGTGCAGCTGTCACTTGCGCGTTTGCCGCAGGATACTGATGCGTT$  TGAAGCCATATTATCTATTCCTTTTTGTAATAACTTTTTTACAGAGCATAACCTTGTCTAATGTCTGAGTCGAGGATCAT CAATTCCGGCTTGCCATCCTGGCTCACTCTTAGTAACTTTTGCCCGCGAATGATGAGGAGATTAAGAATGCTGAAGAATC TGGCTAAACTGGATCAAACAGAAATGGATAAAGTGAATGTCGATTTGGCGGCGGCCGGGTGGCATTTAAAGAACGCTAC CTTACATAACGCCTGCTAAATTATGAGTATTTTCTAAACCGCACTCATAATTTGCAGTCATTTTGAAAAGGAAGTCATTA TTTGTGAGGGCCGCCAGGCAACATGTCAGCTGTTAGTTTTTCCATCGCTTTTTTACTGGGGTGTGATTATTCGCG ACGTGCCCTTCCTGCCCCACCGATCTCTCACTGTTAGACCCGCTTTGTTATGCCGCAACGACCTGGCGAATGACCATCA TTGCCGGCCTTCCCGTTGAATATAACGATCGCTTTATTCGTGGAATTGCGGTGTTCGCACCGTGGCGAAAAACGCCTGGG ATCTACCATCAGAGTCATGGTGCATGTCTGGGCCGTCGTTCCAGAACCATCACGGTGGTCGATGAACAACCGCAAGGTAT GGATATGGACCCGACCTGTTCACTGTTTACTACAGGGCAATGTCTGGGAGAACCCGACCTGCTGGCGTCGGCCCGTCGCT TACAATTTTTTTCACATCAGTACTCGATTGCCGTGCTGATGGCAAATGCCCGTGGTAACAGTGCACTATGGGATGAATAT GGTCGTCTCATCGTTCGCGCCGATCGTGGTTCATTATTGTTAGTCGGTCAGCGTTCATCACAGGGTTGGCAAGGCGATAT AGGGATCGTTGAGATTGCCTCTGTTGATGTCATTGACGGAAAAATCGTCAACCCCATGAGCCACCTGGTGCGCCCCGATC GTCCTATTAGTCCACAAGCGATGGCGATTCATCGCATCACCGAAGCCATGGTCGCCGATAAACCGTGGATTGAAGATGTG ATCCCACACTATTACGGTAGTGAATGGTATGTCGCGCATAACGCCAGCTTTGACCGCCGCGTACTGCCTGAGATGCCCGG TGAGTGGATTTGCACTATGAAACTGGCCCGTCGTTTTGTGGCCTGGGATCAAGTACAGCAATATGGCGTTATATAAAACAC GCAAGCTCAATGTACAGACGCCGCCGGCCTGCATCATCACCGCGCGTTGTATGACTGTTATATCACCGCCGCGTTGCTT  $\tt CACCTTTGGCAAATACCGTGGCAAAGCGGTTTCCGACGTTGCCGAACGCGATCCGGGCTATCTGCGCTGGTTATTTAATA$ AATGTTCCCTGCGCCAGCGGCGACCAGAAAAGCATATTCCATCGCTACGCTTCGTACGATTTAAAGCGACCAGATTTACC GCCATGGCCTGAGTCCATGTCGGTACAGAGCAATAAAAGATGGTCATCGGTTTTCAGCTCGCGCAATTTAGCGACCCATT TTGCCGGTTCCCAATATTGCACCTGAGAATCGTGCAAACCGGTCGTTACCAGTAAATGCGGATAAGCCTGTGCGGTGACG TTGTCATACGGGCTGTAGCTTTTCATGTACTCGTAATATTGCGGATCCTGCGGGTTACCCCACTCTTCAAACTCACCAGT GGTAAGAGGAATTGATTCATCAAGCATCGTTGTTACAACATCAACAACGGTACCTGGGCGATAACGCCGTGGAATAATT TAGCCCAGTTTTAACAATGCATCGCAGGCATCAAGATAATCATTAAACGTATTTTTCTTCTTCAGAAATTTTCCGTCTTC GTACCATTGTTGCCCCAGCTCACCACCGCCGCGAACATGGACAATGGCGTAGACAAAGCCACGATCTAACAAACTCAAGC GGCTAAAACTGAAATCGGCATCAATACTTGCGCCGTAAGAACCATAGCCATACACCAGCAACGGGTTGTGTCCTTTGCGA A A A TGTTTGCGATGGTAGACCAACGAAACCGGAACTTCGACGCCATCACGGGCGACTATCCACAGGTGTTCACTGCGGTAATTCGCCGCATAAAAACCAGGAACTTCCGTTTGTTTTAATACACGACGCTCACCGGTATCCATATCCAGTTCAAACAAG TGTCTGGTGTAGTCATGGAAGAATAACCATAACGCAATCGCGCGGTTTCAGGTTCTGGATTGTAGGCAATCCAGGTCACA TAGGCCGGATCATCAAAGGCAATACCAATGACTTCCCGGGTCTTGCGGTTAATTTGGCGCAAACTGGTTAACCCGCGCTG  ${\tt ACGCTCTTCAACCAGCCAGTCGGTAAACAGCGTAAACCCTTCCAGCATGATGTTTTCGCGTGGCGGAATTAACTCTT}$  $\tt CCCACTGTTGCTCATCACGCATACGGGTACGGTATAAGCCAAAGTTTTTGCCGTGGCGGTTGGAACGCAGATAAAAACGA$ TGACGTAATAGGTATCGTCTTTTTCTTCGTAGATCAGTTTATCTTGCGATGCTGGCGTACCGATGGCGTGACGCCAGACC TGATAAGGCAGCAGCGTCACCGGATGCTTGCGAACATAGTAGAAAATCCAGGAGTCATTTGCCCAGACAAAGCTGGGTTC  ${\tt AACGTTATCCAGCAGTTCCGGGTACCAGTTACCAGTTTCCAGATTACGAAAACGAATGCCGTACTGGCGTCGGGAAAGAA}$ AATCTTCTGCCAGCGCCATAATGGTGTTATCGGGCGTAATCGCCCATTCGCCCATCGAATAAAACTCACTATGAGCTGCG CGCTTATTGGCATCGAGCAATGTTTCCCACTCATCCCACTCTTCACTGAATGCCGATTGACGCTGGTAGATAGCATATTC  $\tt CGATGATTTCCTTTAAGATGCGATCCTGCAAGGCTTGTTGTGAGGCCATCACCCGATGACCGTAACTATTTTCTTGTTGC$ AGGTAGTCCAGGACTTCTGGCTGAGAACGCGTATCGTCCCGCAGCCAGTAGTAATTATCGATGCGCGTATCGCCATGAAG  ${\tt AAACTCACCGGGGATGCAAGCGAAACAGGGGAGTCATTGCTTAGATGATGACAGGTAATGGCGCGGATATCGAATGTTAT}$ GCAGACAGAGAAAATCAGCCTGTTCAAATGGCTGTGCGATTCTGGATAGCCCGAAATAGTCAACTTCAGGCTATCCAGAG AGCGCGTCACCCAGTGCATTCAGGTAACTGCGTTCCATAAAATGGTCAATATCAATAGCCGCGCCAACTCAGGAAATAGAT TTCCAGCGCCTCTTCTTCATTGCGGACCCCGGTAGCCAGGCGTTGTGGATCCAGCGGTTGTTCGATTGCCTGCTCAATGA GTACACGCCCTGCTCTTCCACGCCGGCTCCACGCAATTGCTGGTCGATTGCCGCACGTTCTTTGGCATCAATATGACCA TCACTTTTAGCGGCAAAGACCAGCGCAAGGATCAAACGTGCTGTACGCTCATCCAGCGGCGTACTTTGCGCGCCCAAACTG CGGTTCGTCCTGATGCGCCGCGAATTTTATCTTTGTATTTATCCACAGCACCGTACCCGCTACCGCTCCGCCGCCAA AATGCGCCTGGCACTAACAGTTTGACCAATCCCTGATCCGCAGACGAGGAGGTAGAAGAACTGCTTTGCCCAAGCAGGGA TTGCAGTTGATTTAACCAGTTAGCCATATTTGCTCCTCAATAACCATTTTTAGTGCCTGTAGCATAGCGGATGAGGATGT CAGAAAATGTATATCGAGACAAAAGATGCGCAAATAAGCGGGGCGGTAGGCCGTTATTCAAAGAAATTCGCGCCAGGTAA GGTATTTACTGTATATCAGGTGATAAGGGTATTTTAGGTGAAAGTAGTTTGTCGTTTTTGAGTGGCATTGTTTGATGCTGA TCCGCCAACAGTCAATCGAATTATCAGAAGCCATTAACGCCGCTGATATTCCGCCATTCCCGCTTTGCAGTCCACGCTGA  $\tt CCTGGTAATGAATATCGGCACTTTTACCACGCACGGTTAGCGGTACTGACCATTTATCATCTTTACCCTGAATGTCCTGC$ AAACTGACCCAAGCCACGGGATCGGCCTGACCGACAATTTTTTGATCATCTGCCCAACGCGCCACGCGATTTTGTTGATA ATCACGTTTTACGCTCGCGGCAATTCCGGCAGCATCCAGATCTTCACACTTTGGGAAAGTGACCGACTTGCTGGTTTCATTATTGGCAGCGAAAACTGATGCGCAGGCAGAAACCAACAGCCCTAAAAAACGCCCCTCTTTTTTTCATGTTTTTCTCC ATAGCACAATGATTCAGGAGAAAGCATGGTACAAATTGTCAGGAGCGCAAGTTGCTTCAGGCCGCGTGTGAGGCATCTTC  $\tt CTCTTCGGATTCAGCACCGACGACCTGTGGGGACGGTAATTTGCCGGTTTTCAGAATGGTGCTCAGCACATCTTTTTGTT$ TCCGCCGTATCAAGCATTTTGTCATAAGCATCGGCTTCCTTTTTGCTGGTAAACGACATTTTCTCTTCGCCCTCACGAAT GACTACGTATTTAACTTCAACCGCCATTTGCAGCCTCTCATAATAACTGTGATTTTATACAGTATATTTCTTTTCGGTTG AGAAATCAACATCAGCAATAAAGACACACGCAAACGTTTTCGTTTATACTGCGCGCGGAATTAATCAGGGGATATTCGTT ATCGCTCCCATGTCATTAATATGCTTGATGGTGATGCATTACGCCGTGTGGTTGAACTGGAAAAACCACATTATATCGTG  ${\tt AACGAAATTAACGATGAATCGCGAGGGTATCCGTCGCCTGGCGGCAGAAGAGCTGCCACTTCCACTTATCGTT}$ TTGCCGATAGCGAAAGCCTTTTCCGCGAGGCGGTTGCTGACATTGGCTATCCCTGCATTGTAAAACCGGTGATGAGCTCT CGGAGCGGGCCGCTAATTGTTGAAGGCGTCGTTAAGTTTGACTTCGAAATTACCCTGCTAACCGTCAGCGCGGTGGATG GCGTCCATTTCTGTGCACCAGTAGGTCATCGCCAGGAAGATGGCGACTACCGTGAATCCTGGCAACCACAGCAAATGAGC GCTATTTGTCTGTGGTGATGAGGTGATTTTCAGTGAGGTCTCCCCTCGTCCACATGATACCGGGATGGTGACGTTAATTT  $\tt CTCAAGATCTCTCAGAGTTTGCCCTGCATGTACGTGCCTTCCTCGGACTTCCGGTTGGCGGGATCCGTCAGTATGGTCCT$
GCAGCTTCTGCCGTTATTCTGCCACAACTGACCAGTCAGAATGTCACGTTTGATAATGTGCAGAATGCCGTAGGCGCAGA TTTGCAGATTCGTTTATTTGGTAAGCCGGAAATTGATGGCAGCCGTCCTCTGGGGGTGGCACTGGCTACTGCAGAGAGTG AAAATGCCCGATCCTCGATCGGGCATTTTGACTTTTACAGCTTAGCGCCTTCTACAGCTTCACGCGCCAGCTTAGTAATG GTAGTCACGGTAGTTAGCCGGAGAAATACCACCCGTCGGGCAGAAACGGACCTGGGAGAACGGACCCGCGATCGCCTGCA GGGCTTTCACGCCGCCGTTAGCTTCAGCCGGGAAGAATTTGAACTCTTTCAAACCGTAGTCCATACCCAGCATCAGTTCG GAAACAGTGCTGATCCCCGGAATCAGAGGAATAGTCCCTTCGGTAGCAGCTTTCAGCAGCGGCTCGGTCAGACCCGGGCT AATTGCGAACTGTGCACCCGCTTCAGTGACTTCTGCCAGCTGCTGTGGATTCAGCACCGTACCGGCACCCACAATCGCTT  CAGGATTGATTCTGCACTTGTTTTCCAGTTTTTCATCAGAGTTTTCTCTCGCCTGATTACAAATTTGTCGTCTTAAAAAG TGATACAGGTTGCGCCCTGTTCGGCACCGGACAGTTTTTCACGCAAGGCGCTGAATAATTCACGTCCTGTTCCCACGCGT GACGCGCTCAGGTCAGGAATGTGCGGTTCGCGAGCAGCCAGTTCCGCTTCGTCTACCAGCAGCGTCAGTTCGCCTGTCTG TCCATTCACACGAATGATGTCCCCGTCGCGCACTTTTGCCAGCAGCCCGCCATCGTAGGCTTCTGGTGTTACGTGGATAG GCGGTCCAGCAAACCCGCTTCAAAGGCCGGCATAACGTCATGCTGGCTTTCAAAAACAACCGCTGGCGCTTCAATCACCT GGTTCTCAACCGGCACGCAGAGGTTTTCATAACCGCACGGCCCAGGTTACCGCTTAACACTTTTGTCCCACCATGATGA GAGAAAGGTTGTTCGAAGGAAGCGATCACATTGCTGTCGAGTGATTTTTCCGCCCCTTCCCGCCAGTCCAGTTCACCATT ATTCAGCCATGGTTCAAGGGTATAACGAGACAGACCAAAACCTGCCACCGTATTGACATCTTCATGCAGCAGGCCTGCTT TGAGCAGTTCACGCACCAGAACCGGTACGCCACCTGCCGCCTGGAAGTGGTTAATATCGGCCGGACCGTTCGGGTAGAGA TCATCTTACCGATCGGCATCCATTACCATTACCGGTCATGCGTGTAACCTGACGCGCAGCTGCGGCGGTCAAAGCA GTTGGCAGTACCGTAGAAAGTACATGTTCCCGGCGCATGGTAAGACGCGGCTTCTGACTCCAGTAAGGCCATGCGGTCCA AACACCGCAGGCAAATGACCAAACGACAGGGCTGCCATCGTCAGACCCGGGACAATCTTGTCGCACACACCGAGGAACAG AGCACCATCAAACATGTTATGGGACAGCCCCACCGCCGCAGACATCGCTATCACTTCGCGGCTTAGCAGCGACAATTCCA AGGGCTTTACGAATGATTTCTGGATAGTGTTCATAAGGCTGGTGCGCGGAGAGCATGTCGTTATAGGAGGTGATGATGGC ATGCCAACTGCGAACGATGAACGGTCGAAGTTTTCGCTTGTTCTATCCGGGCGAGATAAGCAGAGCGAGTCTCGCGCGAA CGTTCAATGATTCGATTTGTTACGCGTAACAATTGTGGATTCATAAAGGCTCCTGAAATTGAGTTGTCAGAGCAGGATGA TGTAATAAAAAAGCCTCGTGGGTGAATCCGCACGAGGCCTGAAAGTGTAAAAATTGTTCTACAATCTGCGCAAGATCAT GTTACCGGTAAAATAACCATAAAGGATAAGCGCAGATATTACTCAAACTCATTCCAGGAACGACCATCACGGGTAATCAT TGGAGTCTACCCATTTCCAGGCTTCTTCCACTTCGTCGCGACGTACAAACAGTGCCTGAATACCACGCATGGTTTCCAGC  ${\tt AGCAAACGTTCATAGGCATCCGCCAGATGCGTCTGATTAAAGGTTTCTGAATAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCAGATCCAGCTTGGTGATTTGCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCAGATCAGCTCAGATCCAGCTTGGTGATTTGCAGCTCAGATCAGATCAGCTCAGATTCAGATCAGATCAGATCAGATCAGA$ GTTATGTTTGTGGTCAAGGCCAGGAACTTTATTCAGTACCTGGATATCCACGCCTTCATCAGGTTGCAGACGGATAGTCA GTTTATTCTGCGGCAGATCCTGCCACGATTCTTTAAACAGATTCAGTTCAGGTGTTTTTGAAATAGACCACGACTTCAGAA CATTTGGTCGGCAGACGTTTACCAGTACGCAGGTAGAATGGCACACCGGCCCAGCTCAGTTATCAATGTCGACGCGGAT CGCCACGAAAGTTTCTGTATTGCTGCTCTTGTTCGCGCCCTCTTCTTCCAGATATCCCGGCACTTTTTTTGCCCTGGGCGA  ${\tt AGCCCGCAGTATATTGCCCGCGTACGGTTTTTTCGCGTACGTTGGAGCGGTCGATGCGGCGCAGAGACTTCAGTACTTTC}$ ACTTTTTCATCGCGGATGCTGTCTGCGCTCAGGTCAGACGGCGGAGACATCGCAATCATGCAAAGAATTTGCAGCAGGTG GTTCTGGATCATGTCGCGCATCTGACCGGCTTTATCAAAATAGCCCCAGCGCCCTTCGATCCCCACTTCTTCTGCCACGG TAATCTCAACATGATCAATGGTGCGATTGTCCCAGTTATTCACAAACAGGGAGTTAGCAAAACGCAGCGCCAACAGGTTC AGCACCGTTTCTTTACCAAGATAGTGGTCGATACGGTAAACCTGGCACTCCTCGAAGTATTCGCCAACCTGATCATTGAT TTCCTGCGAGGTCGCCAGCGACGTCCCCAGCGGTTTCTCCATGACTACGCGTGCCGGTTTAGCATTCAGTTTTGCCTCGC ATCGCGCCGAGACGCTGAATGCAGCAGTGTCATTGACATCGAGATTACAAAAATCCAGACGTGCACTCAGGGTGTCCCA TAAACCTTCATCAATGGTTTCTTTCATGAAAGTTTCGAGCGCCTCGCGGACAACTTTGGTATATGCCGCTTTATCCCAGT  $\tt CAGCACGCCTACGCCGATAATCCGGGTGTCCGGGTTGAGCTGACCGGCTTTTTCCAGTTGATACAGGGAAGGCAGCAAT$  ${\tt TTACGACGCGCAAGGTCGCCTTTCGCGCCGAAAATGACCAGGTCACAGGCCTGGGCTGTTTGCGTTACCGCCATGTCATT}$  $\tt CTTGCGAAAACTGTAAACGCTTATCCACCCGTGCGATTACGGGAAAAGCGCGCAAAGTGCGGCAAAACTGATAAAAAAAT$ 

CTCTTTACATCATGAATATGCTGGAAAAAATCCAGTCTCAGCTGGAACATTTGAGCAAATCAGAGCGCAAAGTTGCCGAG GTCATTCTGGCTTCGCCCGATAACGCGATCCATTCGAGTATTGCTGCTATGGCACTGGAAGCCAATGTTAGCGAACCGAC GGTGAATCGTTTCTGTCGCAGCATGGACACGCGCGGTTTTCCTGATTTTAAACTTCATCTGGCACAGAGTCTGGCGAATG GCACTCCCTATGTTAATCGCAATGTCAATGAAGATGACAGCGTTGAATCATACACAGGGAAAATATTTGAGTCCGCAATG AATCGCCTTTTTCGGATTAGGCTCTTCAGCCGCCGTTGCCCACGATGCGATGAATAAGTTCTTTCGTTTTAATGTTCCGG TGGTGTACTCCGATGATATCGTGCTGCAACGCATGAGTTGTATGAATTGTAGCGACGGAGACGTGGTGCTGATTTCT CACACTGGAAGAACAAAAATCTGGTCGAGCTGGCGCAGCTGGCACGCGAAAACGACGCCATGGTGATTGCCCTCACCTC TGCGGGTACCCCGCTCGCCCGGGAAGCAACGCTGGCAATTACCCTCGACGTACCGGAAGATACTGACATTTATATGCCCA TGGTTTCTCGACTTGCACAGCTGACCGTGATAGATGTGCTGCCGACAGGATTTACTTTGCGACGCGGTGCAAAATTCAGA GATAACTTGAAGCGGGTCAAAGAAGCGCTGAAGGAATCGCGTTTTGATAAGCAGTTACTTAATTTAAGTGACGATCGCTA AAAACGACTGTCACTGTCCTAATCTTATACGACATCCGAATGAGATTAATTTATCGCCATCGCGGCGTTATTTCATTCGG ATTTCATGTTCAAGCAACACCTGGTTGTTTCAGTCAACGGAGTATTACATGTCCAGAAGGCTTCGCAGAACAAAAATCGT TACCACGTTAGGCCCAGCAACAGATCGCGATAATAATCTTGAAAAAAGTTATCGCGGCGGGTGCCAACGTTGTACGTATGA GTGGCTATTCTGGGTGACCTCCAGGGGCCCAAAATCCGTGTATCCACCTTTAAAGAAGGCAAAGTTTTCCTCAATATTGG GGATAAATTCCTGCTCGACGCCAACCTGGGTAAAGGTGAAGGCGACAAAGAAAAAGTCGGTATCGACTACAAAGGCCTGC  $\tt CTGCTGACGTCGTGCTGGTGACATCCTGCTGCTGGACGATGGTCGCGTCCAGTTAAAAGTACTGGAAGTTCAGGGCATG$ TGAAGCGCTGACCGAAAAAGACAAAGCAGACATTAAGACTGCGGCGTTGATTGGCGTAGATTACCTGGCTGTCTCCTTCC  $\tt CACGCTGTGGCGAAGATCTGAACTATGCCCGTCGCCTGGCACGCGATGCAGGATGTGATGCGAAAATTGTTGCCAAGGTT$ GAACGTGCGGAAGCCGTTTGCAGCCAGGATGCAATGGATGACATCCTCGCCTCTGACGTGGTAATGGTTGCACGTGG  ${\tt CGACCTCGGTGTGGAAATTGGCGACCCGGAACTGGTCGGCATTCAGAAAGCGTTGATCCGTCGTGCGCGTCAGCTAAACCC}$ GAGCGGTAATCACGGCGACCCAGATGATGAGGAGTCAATGATTACTAACCCGATGCCGACGCGTGCAGAAGTCATGGACGTA GCAAACGCCGTTCTGGATGGTACTGACGCTGTGATGCTGTCTGCAGAAACTGCCGCTGGGCAGTATCCGTCAGAAACCGT TGCAGCCATGGCGCGCGTTTGCCTGGGTGCGGAAAAAATCCCGAGCATCAACGTTTCTAAACACCGTCTGGACGTTCAGT TCGACAATGTGGAAGAAGCTATTGCCATGTCAGCAATGTACGCAGCTAACCACCTGAAAGGCGTTACGGCGATCATCACC ATGACCGAATCGGGTCGTACCGCGCTGATGACCTCCCGTATCAGCTCTGGTCTGCCAATTTTCGCCATGTCGCGCCATGA ACGTACGCTGACCTGCTCTCTATCGTGGCGTTACGCCGGTGCACTTTGATAGCGCTAATGACGGCGTAGCAGCTG GCAATCGTATGATCATCCGCTCTAACAGATCATCCATCGGTGGGCGCACCTGAATCGTCAGACGATGCGTCTTGCCATC ATAAATCGGAAACAGCGGTACAACGCGCGCACGGCACACTTTCATCAAACGACCAATCGCGGGCAACGTCGCTTTATAGG TGGCAAAGAATCCACAAATTCGCTGTGCTCTGGGCCATGATCCTGATCGGGTAAATAATATCCCCAGTACCCCTGACGT ACCGACTGGATGAATGGTTTAATACCGTCATTTCTCGCATGCAGACGACCGCCAAAGCGACGACGCACCGTGTTCCAGAC ATAATCAAAAACCGGGTTGCCCTGATTATGGAACATCGCTGCCATTTTCTGCCCTTGCGAGGCCATCAGCATGGCAGGAA TATCGACGGCCCAACCGTGCGGCACCAGAAAGATAACTTTCTCGTTATTACGCCGCATCTCTTCGATGATCTCCAGCCCT TGCCAGTCAACGCGCGGCTGAATTTTCTCCGGCCCGCGTATTGCCAACTCAGCCATCATTGCCATCGCTTGCGGCGCGGT GACGGCGTGAGCTTTTTCCCAGTCGTCCGGCAAAACGTCCCAGCCGTGCCAGAATGGGATCACGGAACTTTGGCGGCGTT  AGTTTTGCCGTCAGCGGGTTTACGGCCTGCTGTTTATCCATACTTCATAGTGCAGATGCGGCCCGGTTGAACGTCCGGT ATTACCGGAAAGCGCGATACGGTCGCCACGTTTCACCTTCTGTCCCGGTTTCACCAGAATCTTGCGCAAGTGCATATAAC  ${\tt TCACCCACTGAAAGCACTGGCGTACCCTGCGGCATGGCGAAATCAACACCTCTGTGTGGTGCAACGCGACCGGTCACCGG}$ ATTAGTACGACGCGGGTTAAAATTAGACGAGATACGGAACTGTTTCGCCGTCGGGAATCGCAAGAATCCTTTCGCCAGAC CAGTACCGTTACGATCGTAGAATTTGCCATCTTCAGCGCGGATAGCGTAATAATCTTTACCTTCTGAACGCAAACGTACG TTTGCGGAAATCCATTTGCCACTGCATGGCTTTAATCACTGCGCTCACTTCGGCGCTGGTTAAACCGGCGTTTCTGGCGC TGGCAACAAGCTTCCCCCGACGGTACCTTTCAGCAGATTGTTAACCCACTCTCCTTGCTGCATTTCGCTGGTCATTTTA  $\tt CGCGGTTAATGTCCAGGAGAGTTGTTGACCGATTTTCAGGTTACGCAATTCTTTGTCGGCCGCAGCCAGTTGGGTGATAT$ CACCCATATCAATACCATACTGATTGAGAATGCTGCTTAGCGTATCGCCAGTGGAAACAACATATTCATGCACGCCCGCT TTCAGGTAAGAGCGAACGAATTTCGTTCTGTTCCAGCTCAATGGTTTTGACAATTGGCGTGGCATCACGGTGATAAACAT  $\tt AAGGCCGCCAGACAGCGCCAGAGTAAGAACGGTGAGCGACCCCAACATAACGCGGTGTGGTCGCGGTAAATTATTA$ AACGCCAGGGCGACAGAGCGGGCTATCTGTTGCACGTAATCACTTCCTCATTAATCTCCTTTCAGGCAGCTCGCATACTG GTTGGCTAATTGACTCAGGAATTCTGAATAGCTTGTTTTACCCAGTTTGATATTCGTCCCCAGGGGATCCAACGTTCCCA TACGAACGGATGTCCCTCGTGCGACGCTCTCAACGACCGCTGGCCTGAACTGTGGCTCAGCAAAAACGCAGGTTGCTTTT TGCTCAACCAACTGTGTTCTTATTTCATGTAAACGCTGCGCGCCAGGTTGAATCTCAGGGTTAACGGTAAAATGACCAAG CGGTGTCAGTCCAAACTGTTTTTCGAAATAGCCGTAAGCATCGTGAAAAACGAAATAACCTTTCCCCTTGAGCGGCGCGA  $\tt GCTCGTTACCAACCTGCGTTTCGGTTGAGGCTAATTGTGCCTCAAAATCCTTCAGGTTGGCGTCAAGTTTGGCTCGACTT$  ${\tt TGCGGCATAAGTTCCACTAATTTTCCATGGATTGCAACCGCTGTAGCCCGCGCTATCTCTGGGGAAAGCCAAAGATGCAT}$ GTTGAAATCGCCGTGATGGTGATCTTCGTCACTTTTTTCCGCGTGGTCGTGATCATCATCATCGCCGTGAATACTTTTCA  ${\tt TCAGTAGCGGTTTCACATCTTCAAGCTGCGCAATCGTTACCTGCTTCGCTCCTGGTAATTTGCTTACCGGTTTTTTGCATA}$ AACGCTTCCATCTCCGGGCCAACCCAAACGACTAAGTCCGCGTTCTGTAAGCGTTTTACATCCGATGGGCGCAGTGAATA ATCATGTTCTGAAGCGCCGTCAGGAAGTAAAACCTCTGTTTCTGTTACCCCATCAGCAATGGCAGAAGCGATGAACCCAA AGAAGCGTTTTTTTATGTAACATAATGCGACCAATAATCGTAATGAATATGAGAAGTGTGATATTATAACATTTCATGAC TACTGCAAGACTAAAATTAACATGACAAGTCTGGTTTCCCTGGAAAATGTCTCGGTTTCTTTTGGCCAACGCCGCGTCCT  $\tt CTCTGATGTGTCGCTGGAACTTAAACCTGGAAAAATTTTGACTTTACTTGGGCCAAATGGCGCAGGTAAGTCGACACTGG$ TACGGGTAGTGCTCGGGCTGGTAACACCCGATGAAGGGGTTATCAAGCGCAACGGAAAACTGCGCATCGGCTATGTACCG  $\tt CAGAAGCTGTATCTCGACACCACGTTGCCACTGACCGTAAACCGTTTTTTACGCCTTACGCCCTGGTACACATAAAGAAGA$ TATTTTGCCTGCACTGAAACGTGTCCAGGCCGGGCACCTGATTAACGCACCGATGCAAAAGCTCTCTGGTGGCGAAACGC AGCGTGTACTATTAGCGCGGAGCATTGTTAAATCGCCCGCAATTATTAGTGCTGGATGAACCCACTCAAGGCGTGGATGTA  ${\tt AATGGCCAGGTGGCGTTATATGACCTATTGACCAACTGCGTCGTGAACTGGATTGTGGCGTTTTAATGGTTTCTCACGA}$ TCTGCATCTGGTGATGGCAAAAACCGATGAAGTGCTGTGCCTGAATCACCACATTTGTTGTTCCGGCACACCGGAAGTTG  ${\tt CATCGTCACGATTTACAGGGACGAATTGTTTTGCGTCGGGGAAATGATCGCTCATGATTGAATTATTATTTCCCGGTTTGGATTGGATTGAATTATTATTTCCCGGTTTGGATTGGATTGAATTATTATTTCCCGGTTTGGATTGGATTGAATTATTATTTCCCGGTTTGGATTGGATTGAATTATTATTTCCCGGTTTGGATTGGATTGAATTATTATTTCCCGGTTTGGATTGGATTGAATTATTATTTTCCCGGTTTGGATTGGATTGAATTATTATTTCCCGGTTTGGATTGGATTGAATTATTATTTCCCGGTTTGGATTGGATTGAATTATTATTTCCCGGTTTGGATTGGATTGAATTATTATTTCCCGGTTTGGATTGGATTGAATTATTATTTCCCGGTTTGGATTGAATTGAATTATTATTTCCCGGTTTGGATTGAATTGAATTATTATTTCCCGGTTTGGATTGAATTGAATTATTATTTCCCGGTTTGGATTGAATTGAATTATTATTTCCCGGTTTGGATTGAATTG$ TACGCTGGCTCATGCCTCATTACTTGGCGTCGCGTTTGGTTTGTTGCTGGACGTGAATCCATTCTATGCGGTGATTGCCG TTACGCTGCTGCTGGCGGCGGTCTGGTATGGCTGGAGAAGCGTCCACAGCTGGCGATCGACACGTTATTAGGGATTATG  $\tt GCGCACAGTGCCCTGTCGCTGGTCGTTGGTCGTGATCTCATATATTCGTGTTGATTTGATGGCTTACCTGTT$ GGCAATGGCGCAATTTGCTGTCAATGACGATAAGCCCGGATCTGGCGTTTGTTGATGGTGTGAAATTACAGCGAGTGAAA TTGTTGTTGATGCTGGTGACGGCATTGACGATTGGTGTAGCGATGAAATTTGTCGGTGCGTTGATTATTACTTCGTTGCT GATTATTCCTGCTGCTACTGCGCGTCGCTTTGCCCGCACGCCGGAACAGATGGCTGGTGTCGCTGTTTTTGGTGGGGATGG TGGCAGTGACTGGCGGTTTAACCTTTTCCGCGGTTTACGATACGCCGGCGGGTCCGTCGGTGGTGCTATGTGCGGCACTG TTATTTATTCTCAGTATGATGAAAAAGCAGGCCAGCTAATCTATCGCTGAACACATTTGTCGGATGCGGCGCGAGCGCCT TATCCGACCTACGGTTCGGTATCTCTGGTAGTCCTGGTAAGACGCGAACAGCGTCGCATCAGGCATATTGCCAGTGCCGG ATACGCCCACGCGGTGTACGCTGCAAAAAGCCTTGCTGAATCAAATAAGGTTCCAGCACATCCTCAATGGTTTCACGTTC TTCGCCAATGGCTGCCGCCAGGTTATCCAGACCTACAGGTCCACCAAAGAACTTATCGATTACCGCCAGCAACAATTTGC GGTCCATATAATCGAAACCTTCAGCATCGACATTCAACATATCCAGCGCCTGAGCAGCGATATCTGCCGAGATGGTGCCA AACTTCCAGCGCGCCGTCATCACTCATCTCAAGCCCCATAAAGCGTGCGCTGCGACTGACGATATATTGCAGATCCGGCA  $\tt CCAATCAGGGTAAACGGCGGCAAATCAATTTTAATGGAGCGTGCCGCCGGACCTTCACCAATCATGATATCCAGTTGGTA$ GTCTTCCATTGCCGGGTACAGCACTTCTTCAACAACTGGCGATAGACGGTGGATCTCATCAATAAACAGCACGTCATGCG GTTCAAGGTTAGTGAGCATCGCAGCCAAATCGCCCGCCTTTTCCAGCACCGGACCAGAAGTCGTGCGTAAATTAACGCCC ATTTCATTGGCGACAATGTTGGCAAGCGTAGTTTTACCCAACCCCGGAGGACCAAAAATCAACAAATGATCGAGGGCATC  $\tt TGGGGCGAATGGCGCGATCTGCTACATCTTCCGGCAAAGTGGTACCGGCAGAAATCAGACGGTCTGCTTCAATCATCCTT$ CAATCAAGCGTTCGGCGGTTTTTTTTGCCAATACCCGGCAGTTTCACCAGTGCCCCACTTCTTCACGCTCAACGGCATTA ACGAACTGCTGCGCTGACATTCCGGAGAGGATCGCCAGCGCCAACTTCGGGCCGACGCCGTTGGTTTTGATCAACTCTTTGAACAATGTGCGCTCTTGTTTATTGTTAAAACCGTACAGCAGTTGCGCGTCTTCACGCACCACAAAGTGGGTGAAAACGA TCGCTTCCTGACCCGCTTCAGGGAGTTCATAAAAACAGGTCATCGGCATATGCACTTCATAGCCTACGCCGCCCACTTCA ATTAACACCAGCGGGGGTTGTTTTTCAATGATGATGCCTCTGAGTCTGCCTATCACATGACGCTCCTGCGTAATGAATCA AAGATAATGCTGTATGATAAAAAAATGCTGGATAGATATCCAGCGAAGGATGAAGAAACTTGCGAGGTGTCTCGATGAA CTGAAAAATGGCACAGTATAATTTATTCTACAGGTTATATTGGAAGCAAATATTTTAATATTACATATTCAGTGAAGAAA GAATGACAACGTGAATATTAATTACCCTGCTGAATATGAAATTGGAGATATCGTCTTTACATGTATAGGTGCTGCCTTAT TTGGTCAAATATCAGCTGCATCAAATTGCTGGAGTAATCACGTCGGGATCATTATCGGTCATAACGGTGAAGACTTCCTG GTTGCAGAAAGCCGGGTTCCCCTTTCAACCATCACCACGCTATCTCGTTTTATTAAACGTTCGTCTAATCAACGCTATGC TTTACCACACCGGTTTTAAATACGAATCTTCGCGCCAGTTCTGTTCAAAATTTGTTTTTGATATATAAAGAAGCGCTA TGTATTCCGGTGGGTGAAATAGAGACGTTTGGAGAATTGTTAAATAGCAATCCGAATGCAAAACTCACTTTCTGGAAATT TTCATGCGGAGGGAGTGGAAACGCCTCAGCCGGAACTGACCGAGGCGGTATAACTTAACGCAGTCGCCCTCTCGCCAGGT AGGCGAAGATAAAACCCGCACCGTCAAACAGGACATCCATTTTCGGCCCAACCAGCGAACCAAAAATGAAGGCGCTACCG GCATCACTGTAAGACATCACTTTATGAACGCCTAATGCCGCCTGTTCTACTGCCCCATTTTCCCGGTGGGAAGTAGAGCAT GATGCCACCAATAGCGATTTGCAGCAGCAGTGCGGCTCCAACCGTGCGCAAACTGATGCTCTTTTTATTCACTGACAACA GAAATGCTATTGCCAGTAACACCACCATCCCCACACACTTCTCATTATATCCATAATGATTTTCCCTTCATGCCGGTAA ACCCGGCGTCAGCGCCAGGTTTTGGTATGCTTGATGAGTACGGGCGACGGCTTTCTGCCCGTCAGAAATTAACCCGCGAG ATCGGCAGAAATATCGAAGGTATGTTCCGCCCCGCGATGCACACCACCAATTCCCCCGGTGGCAAATACTTTAATTCCGG   $\tt GCCAATAATGGCGATCGTGGCAGGTACAGCGCCCTGTTTACGAATAGTTTCTTCAACTTCAATTGCGGTCTGGGCATTTT$ GTGGGAACGGCATCCCGTGAGAAATAATGGTCGATTCCAGCGCCACAACCGGTTTTTTGTTTTTTAAAGCGTCCTGCACT TCCGGGGAAATTTGTAATAATTCAGGGGAAATTTTTAATTCAGACATTCTGCGTTCTCCACTAACGATATAACGTTGGCA  ${\tt ATCGATAAATCGGGGTTATTGGTGTATTCACAGGAGAGCGCCATTGACGAACATCCCTGTGCGAAACGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCGAACAGATTCGGCGAACAGATTCGGCGAACAGATTCGGCCGAACAGATTCGGCCGAACAGATTCGGCGAACAGATTCGGCGAACAGATTCGGCCGAACAGATTCGGCGAACAGATTCGCGAACAGATTCGGCGAACAGATTGAACAGATTCGGCGAACATGATTA$ AAACGGCATTCCGTCTACCCAACACGAAGCAAGTCCCGCCATCATGGCATCGCCCGCTCCGGTAACATTAATAACATTGG TTTTGATCGCCGCAGACCAGCCACTTTCACCGCTGATATCGCTGTAATAAACGCCGTCGCCGCCCATGCTCAATACCAGT  $\tt CGGTTCAGGCCATGTTGATGGAACCAGGCAGCAACTTTTGCCACATCTTCACGCCCTGACAGCGCAATCCCACTCAGGGT$ TTCCGCTTCAAGGCGGTTTGGCTTGAGAGTGTGGATCTGATTTAGACGGTCGCGCACTTTGACACATTTCCATGCCGAAA ACAATGACCTTTGCCCTCTGAATAAATTCACCGTGCTGTGCGAGATATTCAGCTGTAATAGCGTTGCTAATATTCATGTC ATTTATCGACATAAACGCCAGATTGATTGGTTTGCGTTAGCAGCGATTGACCATAAAAATCACTGCCTACGGCGCTCAGT AGCCAGGCTTTGTTACCCAGCAACGCCAGGTTTTGTGCAATATTGCGCCCTACTCCACCAGGCGTAAATTTTATTTTACC TGGATTTGAATCCGCATAATTTAATGATTCATGTGAATATCCGGCGACATCAATATTCGCCGAACCTATAATTACGACAT AATCCTTTTCGCGCATAGCACGTCCTCTGGTAAAAAATTACCAACCCTGTCAATCCACAGAATATAGATACTGCAAAGA CGGTTTAAACATGTGTTCATATTTAAACATGTGCTCATAGTATGCATGTTTTACGTAAAGTAAATTACCGCCAGAGAGGC AAAATGGGCAGATTTGAGCAGGCTCACAAAATGCGATTAAATGCCTGAATTACAAAAGCGAGGAATTTGTGACGGGATGC ACAGAACAGAACAATAAAAAAAGGGCAGAAAATAATCTGCCCTTGAGGAAATAACCTGAGTGTTTGATGAACGTTTGAAGT TTCTACTGAAAGATAAAACCATTTAAATTCATAAAATTACATTCACAAACCGGTCATCTCTTTTGCGCTCATCAAATGTT  ${\tt ACAGGACAGGAAATTTCTGCCTGTAACACACCTTTTATTACGCTGCTTTCGCTACTGCGTCCACTTCCGGACGTTTCAGCTCTGCGACGTTTCAGCTGCTTTCGCTACTGCGTCCACTTCCGGACGTTTCAGCTCTGCGTCCACTTCCGGACGTTTCAGCTCTGCTTCCGGACGTTTCAGCTCTGCTACTGCGTCCACTTCCGGACGTTTCAGCTCTGCTTCCGGACGTTTCAGCTCACTTCCGGACGTTTCAGCTCTGCTTCCGGACGTTTCAGCTCACTTCCGGACGTTTCAGCTCACTTCCGGACGTTTCAGCTCACTTCCGGACGTTTCAGCTCACTTCCGGACGTTTCAGCTCACTTCCGGACGTTTCAGCTCACTTCCGGACGTTTCAGCTCACTTCCGGACGTTTCAGCTCACTTCCGGACGTTTCAGCTCACTTCCGGACGTTTCAGCTCACTTCAGCTCACTTCCGGACGTTTCAGCTCACTTCAGCTCAGCTCACTTCAGCAGCTCAGCAGCTCAGCTCAGCTCAGCTCAGCTCAGCTCAGCTCAGCTCAGCTCAGCTCAGCTCAG$ GAAGGCATAGGCCAAACCCGCCACCAGCGTACCGGCAATAATTGCTACCAGGTAACCCAATACCGGCGTAATAGCGCCAG GGATCAGCAGAACAAACAGACCACCGTGCGGTGCCATCAGTTTCGCACCAATCGCCATTGAGATTGCGCCAGTCAGCGCC TTGCCAGCGGTGGCACCATACCTGCCGCCATAATCGCCGCCATCGGGCCATAGGTTTGAGTACTCAGCAGACCCACACCG AATGCGTACGCTGCTTTGTTTACCGGACCGCCCATGTCAGTACACATCATGCCACCGAGGATCGCCCCCAGCAGAACCGC ATTCGCAGTCCCCATGGTCTGCAGCCAGTGAGTCAGCCCTTCGAGAATGCCAGCAACTGGTTTACCGATCAGGTAGATCA AATTGCGTACTGATTAACTTCGCAATGTAACCAGCCAGGAAGCCCGCAATAATACCACCAATGAAGCCAGAACCGGTGCT GACCGCCAGCATACCGCCAATCAGACCCGGAGTGAGGCCCGGACGATCGGCAATGGAAAAGGCAATATAACCTGCCAGTA TCGATACCAAAAGCAAAAGAAAGCGCGATACACAGACCACCTGCAACGACCATCGGCAGCATGTAAGAAACGCCCGTCAG TTGCTTCAGCAACCGCTTTATCCAGTTCCTGCGCGGTTTTCTTCAGCGCCAGACCGGTAGAGGTACGATACATCGGTTTA  $\tt CCAGCAAATTTCGCCAGATCCACTTCGATATCTGCCGCCACAATCACCAGATCCGCTGCTGCGACTTCTTCGGGAGTGAT$ TGCCCGGGAAATATCGCCCAGCCAGACATTTTTACCGTTCAGCGCGCTGTCGTTCGGGATGGAATCACCGAGAACAATCG TAGGCGCGTGCCTGACCGAGATTAGCGTCAATAATCAGCAGCGTTTTCATTATGCCTCTCCTGCTGTCAGTTAAAAGGTT GTAAGTCGACGCGCCCATCATTGCGGCCAACTGCGGACGATCGGTAATACCCACATTGCTTTGACTTACCGCCAGGGCT ATCCCCTGCGCCAACGGTGCTTACGACATCGACTGACGGTGGTTTGGCGATCCATTCGCCGGAGGCATTAACCCAAAGCG  $\tt CGCCTTCGGCACCCAGTGAAATAACAACATGCGCGATGCCTTGTTCACGTAGCGCATGTGCAGCTTCAATCACATCTTTC$ ATTTCAGGCAGTTTACGGCCTGCCCAGATTTCCAGCTCGCGGCGGTTAGGTTTCACCAGCCACGGTGCCGCTTTCAAACC TGCTACTAACGCTTCACGGCTACTATCAAAGATAATGCAAGGACACTGACTACGCAGGCGAGTCATCCAGTCGGTGAACG  CTTAACGTTAATTCGGGTGCGCCCCTGTACAACCTGGAAACGGTTGGCAATGCCCAGCTCGCTGAACAGTTGCTGAAAAC GTCATAAGCCGGATTAAGGGTGATAGTAGCAACACGTCTGCTCATTATGCGCCCTCCCCAAGACCAGCAGCGATAGCGTC GCCGATTGCTTTCAGCGCCTGTTCAGCATCTGCACCCTGGGCGGTAAAGCGTAGGCGATGACCTTTCTTAACGCCAAGTG  $\tt CCACAACTTCATCAGACTACGTCCGTTTGCCGGTTTGCCGGTACCATCAAGGTTTGTCACGGTAATATCACTGTTAAAT$ TGTTTAATGGTATTGACCAGCATGGTACCTGGACGACGATGCAGGCCGTGTTCATTGCGCACCACAAACTCCGCGCTTAA  $\tt CACGTCGTCGGCGCATCATCGCTGGTCAGCAGCGCCAGCAACGTTGCCGCATCCGCTTTCAGCAAGCGGTCAGCTT$ GCTGCCGTTTCGCCGTCCACATCAAAAGCATTTGCCGCACGGCTTACCGCAATCGCGCTACGCAGATTGCCTTCGGCGCT TTGTCGAGCTTCAGCTGCTCACTCTTTTCGCCCATCAGTAATGCGCGAAGTTCTTCTGCTGTTGTTGCTGACTTCAG TTGTTCAGCAACGGAATCATCGCTCAGTACGTGGGTCAGCTGGCGTAGCAGGCCCAGATGTTCATCCGAGCTGGCAGCAA TACCGATTGCCACGTACCCTGACCGTCACCCCAGGTGACGCCTTCCGGGGAACTGAAATACCTGAACGCCGGTTTTC AGCACCTGATCGCGGGTGTCGGTAGTGCCGTGTGGAATAGCAATACCATTGCCGAGGAACGTTGAGGTTTGCTGTTCGCG  $\tt CGCCAGCATGCCATTGACGTAGCCTTCTGCTACATTACCGGCCTGCACCAGCGCCGCAGCGACCTGGCGAATCGCCTCTT$  ${\tt ACGATTCAGCCTCTATGAGAAAAAAGCGCCAACCTGGCTTAGGGTTAAAGACAAGATCGCGCTGAAACGTTTCAAGAAA$ GCATAATACTTCTGTTTCAGCACGCAAGGAAAGCCGTAAAGTTATGAGCAAAAGTTTGATGTGCTGCACAATTTTTTTGCC ATTTTTCCTAATTGCTGATGGGAAAATCCGTTATCAGCAATTTCATTTCAGCAGCGTCAGCAGCCAATCAGCAACAGTGA TTTTAATCGTTGCCTTTCTCACCGGTATTGCGGGCGCTCTGCAAACCCCGACACTCAGTATTTTTCTTACCGATGAAGTA GCGCTCTGATAAGCGCGGCGATCGCAAATCGCTGATTGTCTTTTGCTGCCTGTTAGGCGTGCTGGCCTGCACCCTTTTTG TTTGCCCTTGCCCGTGAACATGCCGACAAAACCGGACGTGAGGCGGTGATGTTCAGCTCTTTTTTACGCGCTCAGGTTTC  ${\tt ACTGGCATGGGTCATTGGCCCACCGCTGGCTTATGCCTTAGCGATGGGTTTCAGCTTTACGGTAATGTATCTGAGCGCAGCAGGCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCAGGCAGGCCAGGCCAGGCA$  $\tt CGGTAGCGTTTATTGTTTGCGGTGTGATGGTGTGGCTGTTTTTACCGTCGATGCGAAAAGAGCTTCCGCTGGCGACCGGC$  ${\tt ACGATCGAAGCGCCGCGCTAACCGTCGCGATACGCTGCTGCTGTTTGTCATTTGTACATTGATGTGGGGCTCGAACAG}$ GTTGCTGCCGTGGGTGGCGTCTGTTTTTACGCAGGAATGCTGATGGCGCATTCACCTGTCATTCTGTTGGGCTTGCAGCT GCTAAATGCTATTTTATTGGCATTCTGGGCGGCATCGGGATGCTCTATTTTCAGGATCTGATGCCCGGTCAGGCGGGTT TGGAATTATCACGCTGTGTTCTGGTTTGCGATGGTGATGATTATCGCCACTCTGTTTTGCTTACTGCGGATTAAAGATGT TTAAGGCGCGGTCAGCATTTCCAGATCGATAAGCCAGGTCATGGCCTGACGCGAGTTACCGCACATTTCAGCGCTGG GGCGTATTGGCGGGCTTGCCATCTGGCATACCGGGAATAGGGCTGGAAATTGAAGGGCCAGTGCAACACGCCCCGCAACC GCAAAAGTGCGAATACCACTTGCCCGAAAGGCCCGTCGCGAGTACTTTGTCGCGATATTTTTGACATTTTCGACTACAGG AATTTTTCGATGCCAAGAGCGAACTAAAAAAAGGTATGGTACTGAATTACAACGGCAAACTGCTGCTGGTTAAGGA TATTGATATTCAGTCGCCCACTGCCCGCGGTGCCGCTACGCTGTACAAAATGCGTTTTTCTGATGTCCGTACCGGGCTGA  ${\tt AAGTAGAAGAGCGTTTCAAAGGTGATATCGTTGACACCGTGACCCGCCGTTACGTTGACTTCTCTATGTC}$ GATGGCAACGAATATGTCTTTATGGATAAAGAAGACTATACCCCGTATACCTTCACCAAAGATCAGATTGAAGAAGAGAGTT  AGACCGTTGATCTGGAAATCGTTGAAACCGCACCAGGCATCAAAGGGGCATCTGCCAGCGCCCGTAACAAACCGGCGACA TTGAGCACTGGTCTGGTGATTCAGGTACCAGAATACTTAAGCCCGGGCGAAAAAATTCGTATCCATATCGAAGAACGCCG TTATATGGGGCGTGCTGACTAACTTCAGCCGCATGCAGAAAAGGGATAGCTCAGGCTGTCCCTTTTTTAATTTATAC TCCTATGAATACAATCGCCTCCGTTACGCTCCCGCATCATGTACACGCTCCACGCTATGATCGCCAGCAGTTGCAATCAC GTATCGTTCATTTTGGCTTTGGAGCCTTTCACCGCGCTCATCAGGCGTTACTGACCGATCGTGTGCTGAATGCCCAGGGC GGCGACTGGGGGATCTGTGAAATCAGCTTGTTCAGCGGTGATCAACTGATGAGCCAGCTCCGCGCACAGAACCATTTATA TACCGTGCTGGAGAAAGGTGCGGACGGCAATCAGGTGATAATTGTCGGTGCCGTTCACGAATGCCTTAATGCAAAACTGG ATTCCTTAGCGGCAATTATTGAGAAATTTTGCGAGCCACAGGTGGCAATTGTTTCCCTGACGATTACCGAAAAAGGCTAT TGTATTGACCCGGCCACCGGTGCACTCGACACCAGTAATCCGCGGATTATTCACGATCTACAAACCCCTGAAGAACCTCA ACAATATTCCCGACAATGGTCATGTGGTGAAAAACGCGGTGCTGGGAATGGCAGAAAAACGTTCGCCAGAACTCGCCGGG TGGATAAAAGAGCACGTCAGTTTTCCGGGAACCATGGTCGACCGCATTGTTCCGGCTGCAACCGACGAATCACTGGTGGA  ${\tt TCGTCGCTGGCGTGCCTGGGAAGTCGCAGGTGTACAAATGGTGAATGATGTCCTGCCATGGGAAGAGATGAAACTG}$ GGATCGCGCATTTCGCCATGCCGCCAGAACATTAATGCTGGATGAGCCAGCGCCGACACTGCAAATTAAAGATGTCGATT TAACACAATATGCGGATAAGTTAATTGCACGTTTTGCTAATCCGGCGCTGAAACATAAGACCTGGCAAATCGCGATGGAT GGCAGCCAGAAATTACCGCAACGCATGCTGGCAGGTATTCGCATACATCAGGGGCGCGAAACGGACTGGTCGTTGCTGGC ATTAGGCGTTGCAGGCTGGATGCGTTACGTCAGCGGCGTTGATGATGCCGGAAATGCCATTGATGTTCGCGATCCGCTTA  $\tt GCGATAAAATTCGCGAACTTGTTGCGGGCAGCAGCAGTGAACAACGCGTAACCGCCCTGCTTTCCCTGCGTGAAGTTTTC$ GGTGATGATCTGCCAGATAACCCGCATTTTGTGCAGGCCATCGAACAAGCCTGGCAACAAATCGTACAATTCGGCGCACA TCAGGCGCTATTAAACACCCTCAAAATTTAACGATTTCTGCGGTTAAAGCGGATGAAGCTCACCTTCGTCCGCTCTCCCC TTCTCTTTTCTGCCTTTTTTAGCCAGGATTAACGCTCAGTTAACTTACCAGAGTATTGCGGAGCCGTTGTGACCAGGACC AGATCCCCGGCGGCTGCATGTGCTGCGTTAATGGTTTACCCATGCAGGTAGGGTTGAATACCTTACTGCGTCAGGGAAAA ACTTCCGTGACCAGCTGCCGCAGACATCATTGTCGCCAATAAATCCGACCGTACGACGCCCGAAAGTGAGCAAGCG GGATTTGCCGCGTCGCAATTTAGCCGAGTTGCCCGCCAGCGCCGCGCATTCTCATCAGCATGTCGTGAAAAAAGGGTTAG CAGCGTTAAGCCTGCCAGAGCATCAACGCTGGCGTCGCAGTCTGAACAGCGGGCAAGGATATCAGGCCTGCGGCTGGATA GCTGCGTATTCCCGAAGGGCTGGTGCGAATCAACCGTCAGGGCGATGACCTGCACATTGAAACGCAAAACGTTGCGCCAC GCGACTACCGCGTAAGGTTGCCTGCGTTTTTCAGTAAGATAATTAGAGAAAATATGATTAAAAATTTGCCGCAAATAGTG TTGTTGAATATTGTCGGCCTCGCGCTGTTTCTTTCCTGGTATATCCCCGTTAATCATGGATTCTGGTTGCCGATTGATGC GGATATTTTTTATTCTTTAATCAGAAACTGGTCGAAAGTAAGGCCTTTTTGTGGCTGGTTGCATTGACCAACAATCGCG GAGATAGCTTTCCCGGCGATCACGGCATGATGCTGCTTATTTTTTCGGCATTCATGTGGCGTTATTTCCGCAAAGTTGCA  $\tt GGCCTTATCGCCCTTATTATTTTTGTGGTTTTTGCATTTCCCAGAGTAATGATTGGCGCACACTGGTTTACTGACATCAT$ TGTCGGTTCGATGACCGTGATATTGATCGGTTTGCCCTGGGTGTTGCTGACGCCATTAAGTGATCGATTAATCACCTTTT TTGACAAATCACTACCAGGAAAAAACAAACATTTCCAAAACAAATAACTCACAGTAATTAACATCATCAGGGTTATTTTT 

TTGCATGCGTTTCACTCAATTGTACTTTAATTGACCAACCCCGCTTATTAACTTTCTGTATCACTTTTTCTTATAAAAAA TCATGTAAAACCGCTCGCCAAGACCGCACCAATCGGGTAATCTCGAACTCGTTTTGCCTCGGCGGTAGATTATCCTCACA GCATATAATTTTGTGCGTTAGTCCACAGATTTGGCCTTAAGGAATTGTTTCAACATGCCCAGGTAATTAGTCTCGTGTCG TGAGATATATCTTGCGCGGGATTCCCGCGATTGCAGTAGCGGTTCTGCTTTCTGCATGTAGTGCAAATAACACCGCAAAG AATATGCATCCTGAGACACGTGCAGTGGGTAGTGAAACATCATCACTGCAAGCTTCTCAGGATGAATTTGAAAACCTGGT TCGTAATGTCGACGTAAAATCGCGAATTATGGATCAGTATGCTGACTGGAAAGGCGTACGTTATCGTCTGGGCGGCAGCA  $\tt CTAAAAAAGGTATCGATTGTTCTGGTTCGTACAGCGTACATTCCGTGAGCAATTTGGCTTAGAACTTCCGCGTTCGACT$ TACGAACAGCAGGAAATGGGTAAATCTGTTTCCCGCAGTAATTTGCGTACGGGTGATTTAGTTCTGTTCCGTGCCGGTTC GCATGAATGAACCGTACTGGAAGAAGCGTTACAACGAAGCACGCCGGGTTCTCAGCCGCAGCTAATAAACCGTTTGGATG GATGTTTCCGCGTCTTGATCCAGGCTATAGTCCGGTCATTGTTATCTTTTAAATGTTGTCGTAATTTCAGGAAATTAACG GAATCATGTTCATACGCGCTCCCAATTTTGGACGTAAGCTCCTGCTTACCTGCATTGTTGCAGGCGTAATGATTGCGATA  $\tt CTGGTGAGTTGCCTTCAGTTTTTAGTGGCCTGGCATAAGCACGAAGTCAAATACGACACACTGATTACCGACGTACAAAA$ GTATCTCGATACCTATTTTGCCGACCTGAAATCCACTACTGACCGGCTCCAGCCGCTGACCTTAGATACCTGCCAGCAAG CTAACCCCGAACTGACCGCCCGCGCGCGTTTAGCATGAATGTCCGAACGTTTGTGCTGGTGAAAGATAAAAAAACATTC TGTTCATCTGCGACCGGTGAGATGGACATTCCACTCAATGAATTGATTCCGGCGCTCGACATTAATAAAAACGTCGATAT GGCGATCTTACCCGGCACGCCGATGGTGCCGAACAAACCCGCAATCGTCATCTGGTATCGCAACCCTTTGCTGAAAAATA  ${\tt GCGGCGTCTTTGCCGCTCTGAATCTCAACCTGACGCCTTCACTCTTTTATAGTTCACGGCAGGAAGATTACGATGGCGTC}$ GCCCTCATTATTGGCAATACTGCGCTATCTACCTTTTCTTCACGTTTGATGAACGTTAACGAATTAACCGACATGCCAGT AGAGAAATCATGACCGCCATCAAGCGCGAACAATTTTACGTGGCGTATCAACCGGTGGTGGATACACAAGCTTTGCGAGT AATCGCAAAAGATGATTGTGCCGCTGACTCAGCACCTGTTTGAGTTAATTGCCCGCGGATGCCGCAGAATTAGAAAAAGTG  $\tt CTGCCGGTAGGCGTCAAATTTGGTATTAACATTGCGCCGGACCATCTGCACAGCGAAAGCTTTAAAGCAGATATCCAGAA$ ACTGCTCACTTCCCTGCCCGCACACCATTTCCAGATTGTGCTGGAAATTACCGAGCGCGATATGTTGAAAGAGCAAGAAG  $\tt CCACAACTCTTCGCCTGGCTGCACTCGGTCGGCGTAGAAATTGCTATTGATGACTTCGGCACCGGGCACAGCGCGCTT$ ATCTATCTTGAGCGTTTTACGCTCGATTATCTGAAAATTGACCGTGGATTTATCAACGCCATCGGTACGGAAACGATCAC TTCCCCCGTACTTGACGCGGTGCTGACGCTGGCGAAACGCCTCAATATGCTGACGGTTGCTGAAGGGGTCGAAACGCCGG AACAGGCGCGATGGCTAAGCGAACGCGGCGTTAATTTCATGCAAGGCTACTGGATTAGCCGCCCGTTACCGCTGGACGAT TTTGTTCGCTGGCTAAAGAAACCGTATACGCCGCAGTGGTAAGGTGTCCTTACGTCCCTTATTATTCATAGTGAAAGCAT GCCGGATTGCGGCTAATGATGAGTAAAAGGAAATCCGTTGCAGATGATTGTGCGCCATACTGCTGCTGTTTATCGCTCTGT TCACCTTTGGTGTGCAGGCGCAGGCTATCAAGGAAAGCTATGCCTTTGCCGTGCTGGGCGAACCCCGGTACGCGTTTAAT TTCAACCATTTTGATTATGTGAACCCCGCCGCGCCAAAAGGTGGGCAGATAACGTTGTCAGCCCTCGGCACCTTCGATAA TTTCAACCGCTATGCACTGCGCGGCAACCCGGGCGCACCGCACCGAGCAGCTGTACGACACGCTATTTACGACTTCCGATG  ${\tt ACGAACCAGGCAGTTATTACCCGCTGATTGCTGAAAGCGCACGCTATGCTGACGATTATTCCTGGGTGGAGGTCGCTATT}$ AGGCGTGCCGCAATTTCGTCTGGTCTACAAAGGCACCACCGTCAAAGCCATTGCACCGTTAACCGTGCGCATTGAGTTAG CTAAACCCGGCAAAGAAGATATGCTGAGTCTGTTTTCGCTGCCGGTATTTCCAGAAAAGTACTGGAAGGATCACAAACTT AGCGACCCGCTCGCCACGCCTCCGCTTGCCAGTGGTCCGTACCGCGTTACGTCCTGGAAAATGTGGGCAAAATATTGTCTA TTCCCGTGTGAAAGATTACTGGGCAGCAAACTTACCGGTAAACCGTGGACGCTGGAATTTCGACACCATTCGCTACGATT ATTACCTCGATGATAATGTCGCCTTTGAAGCGTTTAAAGCAGGTGCCTTTGATTTGCGTATGGAAAACGACGCCAAAAAC TGGGCCACGCGTTATACCGGTAAAAATTTCGATAAAAAATACATCATCAAAGATGAGCAAAAGAACGAATCAGCCCAGGA TACGCGTTGGCTGGCGTTTAATATCCAACGTCCGGTATTCAGCGATCGCCGGGTCCGGGAAGCTATCACTCTCGCCTTTG ACTTTGAATGGATGAACAAGGCGTTGTTTTACAATGCCTGGAGTCGCACGAACAGTTATTTTCAGAATACCGAATACGCG GCCAGAAATTACCCCGACGCCGCGGAGCTGGTGCTTCTGGCACCAATGAAAAAAGATCTACCGTCAGAAGTCTTCACACA

AATCTACCAGCCGCCGCTATCCAAAGGCGATGGCTACGATCGTGACAACCTGTTAAAAGCCGACAAACTTCTCAACGAAG AGCAGCAATAGTCAGTGGGTATTGCCGTTCCAGCACAGCCTGCAACGGCTGGGTATCAACATGGACATTCGCAAGGTGGA GTTCCGATTTACAGATTTCCTGGTCATCGGAATATATCAATTCCACTTATAATGCCCCCGGCGTGCAAAGCCCGGTTATC GACTCGCTGATCAACCAAATTATTGCCGCGCAGGGAAATAAAGAAAATTACTGCCGTTGGGGCGAGCACTGGATCGCGT ATTAACGTGGAATTATTACATGCTGCCAATGTGGTACATGGCGGAAGACCGTCTCGCCTGGTGGGATAAATTCTCCCAGC CGGCCGTGCGCCCCATCTATAGCCTCGGTATCGATACCTGGTGGTATGACGTCAATAAAGCGGCCAAACTGCCGTCCGCC AGCAAACAGGGAGAGTAGATGGGCGCTTACCTGATTCGCCGTCTGTTGCTGGTGATCCCAACATTATGGGCGATTATCAC TACCGTGGCGGACGCGGATTAGATCCAGAAGTGATCGCTGAGATCACTCATCGCTACGGTTTTGATAAGCCGATCCACGA GGCATTCGCAAAGCTGTTTATAATGGGAGCCGCTTTGACGTCTGGAGTAGCGCATTTATCATCATCGCCTACGCCATTCC TTTCCGCTAACTTTGATTCGCTGCCGTGGTATCAGAAAATCACCGATTATCTGTGGCATATCACGCTGCCGGTGCTGGCG GACCGCGCGTGCGAAAGGGGTAAGTGAAAAAATATTCTCTGGAAACATGTGTTCCGCAACGCCATGCTGCTGGTGATTG  ${\tt CCGGTTTTCCGGCGACGTTTATCAGCATGTTTTTTACCGGCTCGCTGATTGAGGTGATGTTTTCACTCAATGGTCTG}$ GGCTTACTGGGCTACGAAGCGACCGTCTCGCGCGATTATCCTGTAATGTTTGGTACCTTGTATATTTTCACCCTGATTGG  ${\tt ACTCAGCCCCGTCAATCAGGCCCGTTGGGCGCGTTTTCGTCATAACCGTCGCGGCTACTGGTCGTTATGGATTTTCCTCG}$ TCTTGTTTGGTTTGAGTTTGTGTTCTGAACTTATCGCCAACGATAAACCGTTGCTGGTGCGTTATGACGGCAGTTGGTAT TTCCCGTTATTGAAAAACTACAGCGAAAGCGATTTTGGCGGCCCGCTGGCAAGTCAGGCTGATTATCAGGACCCGTGGCT GAAACAACGGCTGGAAAATAACGGCTGGGTACTGTGGGCACCGATTCGCTTTGGTGCTACCAGTATCAACTTTGCTACCA GCTACAAGGCTATTACGGCGGTAAAGTCGATCTCTGGGGACAACGCTTTATTGAAGTATGGTCGGGGATGCCGACGCTGT TTTTGATTATTTTACTTTCCAGCGTCGTACAGCCTAACTTCTGGTGGCTGCTGGCAATTACTGTCTTGTTTTGGCTGGATG  $\tt CAGCGATCGCAGTATCCTGCGTCATATGTTGCCTAATGCCATGGTCGCGACCCTCACCTTTTTACCGTTTATTTTAT$ GTAGTTCGATAACCACCCTGACCTCGCTCGATTTCCTCGGCTTCGGTCTACCGCTCGGTTCACCGTCACTCGGTGAACTG  $\tt CTGTTACAAGGGAAAAATAACCTTCAGGCCCCGTGGCTTGGGATCACCGCCTTCTTGTCGGTGGCGATATTATTGTCTTT$ GCTGATCTTTATTGGTGAAGCCGTCCGCGACGCATTTGATCCTAATAAGGCGGTGTAGCATGACGCAAACTCTGTTAGCG TGGCGAAACGCTGGCGCTGGTGGGTGAGTCAGGTTCAGGCAAAAGCGTTACCGCGCTGTCAATTTTACGCCTGCTCCCTT  $\tt CCCCGCCGGTTGAATATCTCTCCGGCGATATTCGTTTTCATGGCGAATCGCTGCTTCACGCCAGCGATCAAACGTTGCGC$ GGTGTACGCGGTAATAAGATCGCCATGATTTTTCAGGAACCGATGGTGTCGTTAAATCCATTGCATACCCTGGAAAAACA GCTTTATGAAGTGCTTTCACTCCACCGCGGGATGCGTCGGGAAGCGGCTCGTGGCGAAATTCTTAACTGCCTTGATCGCG TTGGTATCCGCCAGGCGGCAAAACGGCTGACAGATTATCCGCATCAGCTCTCCGGCGGCGAACGGCAGCGGGTGATGATT GCGATGGCGCTGTTAACGCGACCGGAATTATTAATTGCCGATGAACCGACCACCGCACTGGACGTCTCTGTCCAGGCGCA GATTTTACAGCTGTTGCGCGAACTGCAAGGCGAGCTGAATATGGGCATGCTGTTTATTACTCATAACCTCAGCATTGTCA GAAAACTGGCCCACCGCGTGGCGGTAATGCAAAACGGTCGCTGTGTCGAGCAAAATTACGCCGCTACGCTATTTGCATCA  ${\tt CCCACTCATCCTTACACACAAAAGCTACTCAACAGTGAACCGTCAGGCGATCCAGTGCCGTTGCCAGAACCTGCCTCAAC}$ GTTGCTGGATGTTGAACAGCTTCAGGTTGCCTTCCCCATTCGCAAAGGGATTTTGAAGCGCATTGTGGATCATAATGTGG TGGTGAAAAACATCAGTTTTACGCTACGAGCGGGTGAAACACTGGGTTTAGTGGGCCGAGTCCGGTTCCGGGAAAAGTACG  TTTTGCAGATTATTGAGGAAGGCTTACGGGTTCACCAGCCGACGCTTTCTGCCGCACAACGCGAACAACAAGTGATAGCC GTGATGCATGAAGTGGGATTAGATCCTGAAACACGCCACCGTTATCCGGCGGAGTTCTCTGGTGGTCAGCGACAACGTAT TGCGATTGCCAGGGCATTAATTCTTAAGCCCTCGCTGATCATACTTGATGAACCGACATCATCACTCGACAAAACGGTAC TGCCACACGCAGCAGGAGTATACGCGTCAGCTACTGGCGTTGAGCTGACGCTTAAAAAGGATTGTAGTTTGAAAAGGGT  ${\tt TCGGCAATTGCCACACCAAAATTTTTCAATCGGCATGTTGCAGCAAACTCGTCCTGGCGATTTACAAACAGGCACGGCTC}$ ACCTTCACACTCCAGCACCGAACATGGAACTTCGATGTCGCTTAACGCCTGGCTTAGTTTATACATCACCGACCATGCAT TATCACCATCCGGGCTAAGCAATTTAAGCGCCACCAGGCTGTTGTCACCGCACGGTCCATTTTGCGGAATCGGTTCAACC TTCGAACCTGCGAAACCAGCAGACCAGCGATAGTTCTGCGGCAGTCGATGGACGATTGAGAGTTGTAATGAAGTCACTTA TTTTCCCCGGAAGCACATTCACTTCACAATTTGTTTACATCAATTTTAACACATCATCAACAATCCGTCTTTATACAGAT CGTAAAGATTGATGCCTCGCCTGCGTGGCCTCTATGGCTCTGATTTAAGTAATATCTGCGGGCGTGGTCACGTTTGCGGG GCTATATGTACCCGTTTCTGCGATCTAACTCAACCTTTTTAACTACAATGATGTGACTTTTTACATAAATTGATTTTACA TAAAATAAACATATATCGGGGGAATGATAGATTTGTGGTTGACATGCATCAACAAAGGAAGCCTTTTAGCTTCCTCGTTG AAATCATCGGCCATGCAGAGTTAAAGGTCGCAAGAGAAAGCAATGCGCCAACAATTGCCCCTATGCCAAAACGGAAGGTT  $\tt CCTGCCAGCGAAGATGCCGTTCCCGCCATATGGGGAAACTCATCAAGAATGACCGCCATCGCATTGGATGACACCATCGA$ CACGCAGCCCACAAACGCCGCAACGCCAACCACCAGCGACCAAAATCCCAGCCCCAGCAGCGCACTGATGACCATCCACG ATGGTCATCACGAACAGAAAACAATGTTTAGCGCAAAGTAATAACCAAAGTTTTCCGGCGCGCGACGTTGATTTCAAT ATAAACAAACGTCCGGCGCTTAAGAATGAGAACATCCCGGCAAAGCTGAAACCACTGGCAAGCATGTAGCTCAGGACAC GTTTATGGCGGAACAGCGCCGCAAAGTTACCAATAGTGGTACGAATGTGAAATGGCTGACGACGCTCCGGTGGTAAGGTT TCTTTAATCAGGAAGAAATCATTGCCGAAGCCAGAATCGCCGCTAATGCCAGGATCCAGAAGATGTAATGCCAGCTCAG CCACACCAGCACCCAGCCGCCAACTATCGGTGCCATCAGCGGTGCAATGGTTGTCACCAGCATGACAAACGACATCATCC GCGAGAACTCTTCTTTCGGGTAAATATCGCGCATCAGGGCGTTAATGACCACGCTGGCCGCAGCCGCAGCCCGCTGG AAGAAACGCATCACAATCAGCTGATCGATGGTGTTTTGCCAACGCACCGCCACCGCGGCGGCGGCAAACACCAGCGTACC GCCGAGCACCACCGGCTTACGCCCGAAGCTGTCTGCCATCGGCCCGTAGATTAACTGCCCCAACGCAAAGCCCAGAATAT AAGTACTGAGGGTCATCTGCGTACTGCCCGCCGGTACGCCAAACTGCGCTGAAATTACCGGTAGCGCGGGCAGATACATA TCAATCGACAGCGGCATCAACATGGCCAGCAGGCCAAGGATAAAAAACAATAGCAAACGACGAATGCTGTCGGGTGGTCAC AACGGCTCCTGAAAGTCATTGAAAAGTTAGACGACGCTGGCAATTTCTTCTTCAGTTAACGGACGATATTCACCGGGGG CTAAATCAGCATCCAGCGTAATACCGCCAATACGTTCACGATGCAGCTCAACCACGTGGTTACCCACGGCGGCGAACATG  $\tt CGTTTCACCTGATGATAACGCCCTTCGCTGATGGTCAGACGAACCTGCGTTGGGGTAATCACTTCCAGCACCGCAGGCTT$ AGTGAGATCTTTTTCGTTATGCAGCTGCACGCCTTTAGCAAATTGCTCTGCCGTATCGTCAGCTACAGGTGATTCCAGTG TCACCAGATAGGTCTTCTCGCAATGATGGCGCGGAGAAGTAATGCGGTGCGACCACTGACCATCAGTCATCAGCACC AGACCGGTGGTATCAATATCCAACCGCCCGCCGCATGCAGTTTCCACGCTACCGGTTCATCAAGAAAATAGAGCACCGT TGGGTGATCAGGGTCGTCCGTGGAGCAAACATAGCCCTGAGGCTTATTGAGCATGAAGTAACGTGGACCGTGTTGCTGCG GTGACACGATTGCCGCGGGATTTCACGCCCGGCAATAGCACGGCTAACGCCGAGTTGCTGTGCGATAAATTTATCAAGTCG CATGTGTGTGTGATTTTGCCTGTAAAAACGGAGGTCGGGCATTGACCCGAAAATCTGAACTGTTGTCTGCCCAGTATAGCGG ACGTTAAAGAACTGGTGGCGCAAAACCATGCAAAGTATCAGGCGCTGGGGCTGGAAGCCGATATTTTTTGCCGCCGGGCTA TGACAAAAGTGAATCCCCACTTACGCCTGCTGGGGCTGACTGCCACGCCTTTTCGATTGGGCAAAGGCTGGATCTACCAG TTTCATTATCACGGCATGGTACGCGGCGATGAGAAAGCCCTTTTCCGTGACTGCATTTATGAGCTGCCGCTGCGTTATAT GATTAAACACGGCTATCTGACGCCGCCAGAACGACTGGATATGCCAGTAGTGCAATACGATTTCAGCCGCTTGCAGGCAC AGAGTAACGGGCTGTTCAGCGAAGCCGATCTCAACCGTGAGCTGAAAAAACAACAACGTATTACCCCGCACATCATCAGC CAGATTATGGAGTTTGCTGCAACGCGCAAAGGGGTGATGATTTTTTGCCGCGACGGTTGAACACGCAAAAGAGATTGTGGG ATTACTGCCTGCCGAAGATGCAGCACTGATTACTGGCGACACCCCCGGCGCTGAGCGCGATGTTTAATTGAAAATTTTA  ${\tt AAGCCCAGCGTTTTCGCTATCTGGTCAACGTCGCGGTACTGACCACCGGATTTGACGCCCCGCACGTCGATCTTATCGCC}$ ATTCTGCGCCCTACCGAATCAGTGAGTCTTTACCAACAAATTGTCGGGCGCGGTCTGCGTCTCGCTCCGGGCAAGACTGA TTGCTTAATTCTTGATTATGCGGGTAATCCTCACGATCTCTACGCGCCGGAAGTTGGTACACCAAAAGGCAAAAGTGACA ACGTTCCGGTACAGGTTTTCTGCCCTGCCTGCGGTTTTGCCAACACCTTTTGGGGGAAAACGACCGCCGACGGGACATTG ATTGAACACTTTGGTCGTCGCTGTCAGGGATGGTTTGAAGATGACGACGGTCATCGCGAACAATGTGACTTCCGTTTCCG TTTTAAAAATTGCCCGCAATGTAACGCGGAAAACGATATTGCCGCCGCCGCTGCCGCGAATGTGACACCGTACTGGTTG ATCCGGACGATATGTTAAAAGCGGCCCTACGACTGAAAGACGCGCTGGTATTACGCTGTAGCGGCATGTCTTTGCAACAT GGATCACCGCCGCTGATATCCTCGCCCAGCAAGCCTTATTGCGACACCCGGATTTTGTCGTCGCCCGCATGAAAGGCCAG TACTGGCAGGTGCGTGAAAAAGTGTTCGATTACGAAGGTCGTTTTCGTCTGGCGCACGAATTACGCGGTTAATGGTAGTT TTGATTGATGTATAAGGCGATTGAGTATAGAATCTCGCCCGCTTTTGCATACGCAAAGCAGATCACTTACCTGTTGCTGG GTCGCCTGTAGCAGGATTAATTTAAGAGAGAAAGAAATGTTTACTATCAACGCAGAAGTACGTAAAGAGCAGGGTAAGGG TGCGAGCCGCCTGCGTGCCGCTAACAAGTTCCCGGCAATCATCTACGGTGGCAAAGAAGCGCCGCTGGCTATCGAGC TGGATCACGACAAAGTCATGAACATGCAAGCTAAAGCTGAATTCTACAGCGAAGTTCTGACCATCGTTGTTGACGGTAAA ATTGCTGAATAAGTTGTAAAAAACCCCGCTCCGGCGGGGTTTTTTTGTATCTGCAGATTATGCCTGATTACGGTATTGCTA TTTTTTGCAGGCCAGATAAGGCGTTCACGCCGCATCTGGCATTCAGAACACAAAACCGATTAATTGCCGCCAGACGTCCG GCGCTGCAATTGGTCGCGCAAATTCGGCGGCGTGCCTTTAATGGTCAAGGTATCGGTTGCTGGATCCCAGAAGATGCGTT CACCTAACAGCATCGCATCAAAGTTAATAGTCAAGCCACCGCCGCTACCGGCAAACTTCGTCAACTGACGCAGTGTGCTA  ${\tt CGGTCTGCCGGGAAGCTCTCTTCCAGTTCGTAGCCTTTTTCAGCCGCAAACTCCGTGAAGCTCACTTCGCTTACGCCTGC}$ GCACGTTCTGTCGCTCTGCTTTATCCAGTTGTGCTTCGGCAGTGAAATCATCAACCGCTTGCAACAGCCCACGGTTTTGC GCTTTCGCGTTTAACCCTTCGCTGGCCCCGAGGAAATCCATAAAGAAATCCGCCACTTTGCGCCCTACTCGCCCTTTCAG GAAAGTGAGATAGCGGGTGGACTCTGGATTGGTTTCCCATTCGGTTAAATCGATACGCGCAACAATATCCGCATGATTGA TATCAAGATAATGGGTTGGGTTGATGTCGAGATTTTCGTTAACGCGCATACTGCTCAGGTTGCTCAGAACTGCCACCAGC AAATACTCCACCGCCAGATAGCGATAGTGGCAAAACAGCACGAATCCACCGTCAGCAAAAGGATATTTCGCTAATTCGTC GTTCACTCTCTCGCTAAACAAGCCGTAAGCTTTATTTTTGGCGCTATAGACCCGATGCAGTTCTGCCACCATCTCAACG  ${\tt ACGGTTTCTGTCGGTTCCAGCAATGAATCGCGCAACACCAGCTCAAGGTTCTGCTCATCACGCTTGATAAGCTGGTGCAGCAGCTTTGATAAGCTGGTGCAGGTTCAGGTTCTGCTCATCACGCTTGATAAGCTGGTGCAGGTTCAGGTTCTGCTCATCACGCTTGATAAGCTGGTGCAGGTTCAGGTTCTGCTCATCACGCTTGATAAGCTGGTGCAGGTTCAGGTTCTGCTCATCACGCTTGATAAGCTGGTGCAGGTTCAGGTTCTGCTCATCACGCTTGATAAGCTGGTGCAGGTTCAGGTTCTGCTCATCACGCTTGATAAGCTGGTGCAGGTTCAGGTTCTGCTCATCACGCTTGATAAGCTGGTGCAGGTTCAGGTTCTGCTCATCACGCTTGATAAGCTGGTTGCAGGTTCAG$ AGCAATCTGGTTGATATCCAGACTCATGATAAACTCTCCTTTAAGACCGGGCGGTATTCAACCACCGCCGGTTAAGCGAC TTGCTACGGTAATATGTTGCCCTTTCATCAACTAACTGATTTCGATTTATGCCACAAATTTCCCGCTACAGTGATGAACA GCAACATGGTCACTAACCTTATCAACACCAGCATTGCCCCGGCCCAACGCCAGGCAATTGCCAACTCTTTTGCCCGCGCC TTACAGTCCTCTATCAACGAAGACAAAGCGCACTAAGGGAAACAGATAACAGGTTATGGTAACTCATCGTCAGCGCTACC GTGAAAAAGTCTCCCAGATGGTCAGTTGGGGGCACTGGTTTGCACTGTTCAATATTCTGCTTTCGCTCGTCATTGGCAGC CGTTACCTGTTTATCGCCGACTGGCCGACAACGCTTGCTGGTCGCATTTATTCCTACGTAAGCATTATCGGCCATTTCAG  $\tt CTTCCTGGTGTTCGCCACCTACTTGCTGATCCTCTTCCCGCTGACCTTTATCGTCGGCTCCCAGAGGCTGATGAGGTTTT$ TGTCCGTCATTCTGGCAACGGCGGGAATGACGCTATTACTGATCGATAGCGAAGTCTTTACTCGTTTCCATCTCCATCTT TCGCGCGCCCGCTGGCCGCATTCTTATTTATCGCCTTTATCGCCTCGCATGTGGTGTATATCTGGGCCGATGCCAACTTC TATCGCCCGATCACCATGCAGCGCGCTAACCTGCCGCTTTCGTACCCGATGACGGCGCGACGTTTTCTTGAGAAGCATGG TCTGCTTGATGCGCAGGAGTATCAACGCCGTCTTATTGAGCAAGGTAATCCAGACGCCGTTTCCGTTCAGTATCCGTTAA GCGAACTGCGCTATCGCGATATGGGCACCGGGCAGAATGTGCTGTTGATTACTGTCGATGGCCTGAACTACTCACGCTTC GAGAAGCAGATGCCTGCGCTGGCAGGTTTTGCTGAGCAAAATATTTCGTTCACGCGCCATATGAGCTCCGGCAACACTAC AGACAACGGCATCTTTGGCCTGTTCTATGGCATCTCGCCGAGCTATATGGACGGCATTCTGTCGACCCGTACGCCTGCGG CATTAATTACTGCGCTTAATCAGCAAGGCTATCAGCTGGGGTTATTCTCATCAGATGGCTTTACCAGCCCGCTGTATCGC AGCAGGCATTTGCACGGAAATATAGCCGGGCGGCAGGCAATGTCGATGACCAGATCAACCGCGTGCTCAATGCACTGCGT GATTCTGGCAAACTGGACAATACGGTGGTGATTATCACTGCCGGTCGGGGTATTCCACTGAGCGAAGAGGAAGAAACCTT AAAGACGCTGGTACTGAACAATAACGGTAAATACCGCACTTACAACTTACGTGGTGAAAGAGTGAAAGATGAAAAACCAC TATCTTACTTGCAATCGGTGTGGAAAACGGTAGTATTAGCAGCCACGAGTCGGCACGTAGCGCAGCCTGGTAGCGCACCG GTTTTTTTATATCTGCAATTAATTCGATAAACAGACCGTGACACATCACAGCCTGTTTATTTTCTGTTATCAGAACGTCC GTCGGGGTAAACGATGACCTTATACCAGCCTGATAAACGCCACTGGTTCCAGCCACATCATTATTAAATTTGCCATCGTC ATTAACTTCACCTGGTTAGAATCGGCGTATTCCTGACGCCGCGCTTTCAGCCAGGGTTCCAGCGTCGTACCGTTTT GCAGGTCCATGTGATAGCTTACCGCCGTTCCCGCTTCAGCGCGTAATATCCGGGTATTTCCCACATCCGCGCGCATGCCG  ${\tt CCAACGGAACCCGCTCTCAACATGAGCACCCGCGCCGTTACTATTGTAATCGCCAAACGCTGTTGCCCCATTACTCATCT}$ TGCCATGGATGGTGTTGGCAAAACGGTCAACTTTCACCACCCCATCAACATAGGCACCGTTCTGATGCTCCCAACCGGCA TAAGCCCCCAGGGTATAGCTATCGATATTACCTTTGCCGCCGCGATCAAAACCAATATCAGAATGAGAGTAACCAAAGAT TTTACGCTACCAAGACGCTCACGCACGGTGTCCAGTTCTGCATCAAATACCAGCGGTTGTGCGGCCGCCATATTCAGCAC ATCAGTGGTTGAAGGGGTAATTTGCGCGCGGATTCTCTGCCAGACTCCAGCTATGGTTGCCATTATCCAGCAAGGTATATT CATACGTACCGATATCAACAACGCCTCCGGCATTGCCCAACGTAAATGCAGCATCACCGCCGCCCGTTGTTACCAGTGTA AGGCTATCTCCTGCCGGGCTGGCACCGGTGTCCGTCACGAATATTTTGAAATCACCTGTTGCCTGACCGGTGACGTT GAGCTGATCGCTCTGATGATTAGCCATATCGGTACGCATATAAAAATTGCCGTTTCCCGACAGGGTATTGGTGGTCAACG GCAAGGTTGGCTAAGTTGAGGAGGGTGTTTTGGTTCGTCGTAGTGATATCGGCAATGATGGTCCATACGCTATTTTCGAG CGAAACGTCCGCTTTGCTGGTATCCACGGCACCATGCGTTCTAAAAGAAGCGCCCTCAGAAACCACTACCTTACCCACCA GTGCCAGCCCAGACGTTAGCGCGGCCATTGTTGATAACCATATTTTCAGAGATGGCTTTTGAGGAATACGTGATACTTCC ATTCTGATATGATCGACCGAGATCATATACCGCATTTGCCTGCACTTTCGTACCAGTATCCTTTCCCAGCGATTGCATAG TGGCATGCTTATCAAGGATAGTATCAATGGCCTGCGTGTCCTCCATAACAATGAGCCCGGAACCATCATCCAGTTCATAA TGGTATTATAAGCGAAGTCATTTTCTTCAACTCGCAAACTTCCGCCGTTTTCCAACAACATATTATTAGCAATACCATTC TTGATATCGAACTGACCGAGACGGTTTGTTCCGAATACCTCCATGGCCCGCGTGGTTGTTTTAATAGCACCGCCTGCTTT CATCTTTTCAACGATTAAGCGCCCGCCTTTAATCGTGGTATCATTCGCTGCGCCATAAACCTGTAGCACCACTATTG AGCGTAGTCTGGTTTGCCGCGCCACCCATTTGAACAATTTGATAACCGTCATTTAATACTGAGTATTCTGCGGCGCCATT GATTGATTTTCGTATTATTGGCGGTCCCATAAACCAGCTGGATATCTTTTTCCAGGACACACCATCAACTGTCTCACCA GTCATTTCATTTCATGTTTGAGCCGATTTTTTCTCCCGTAAATGCCTTGAATCAGCCTATTTAGACCGTTTCTTCGC GCGTGAATAACATCGCCAGTTGGTTATCGTTTTTCAGCAACCCCTTGTATCTGGCTTTCACGAAGCCGAACTGTCGCTTG ATGATGCGAAATGGGTGCTCCACCCTGGCCCGGATGCTGGCTTTCATGTATTCGATGTTGATGGCCGTTTTGTTCTTGCG GCTGTGGCGCCCCTTGGTAGCCGGCATCGGCTGAGACAAATTGCTCCTCTCCATGCAGCAGATTACCCAGCTGATTGAGG  ${\tt TCATGCTCGTTGGCCGCGGTGGTGACCAGGCTGTGGGTCAGGCCACTCTTGGCATCGACACCAATGTGGGCCTTCATGCC}$ AAAGTGCCACTGATTGCCTTTCTTGGTCTGATGCATCTCCGGATCGCGTTGCTGCTCTTTGTTCTTGGTCGAGCTGGGTG TCGATGACTTCCACCATGTTTTGCCATGCAGAATCTGCTCCATGCGGGACAAGAAATCTCTTTTCTGGTCTGACGGCG  $\tt CTTACTGCTGAATTCACTGTCGGCGAAGGTAAGTTGATGACTCATGATGAACCCTGTTCTATGGCTCCAGATGACAAACA$ TGATCTCATATCAGGGACTTGTTCGCACCTTCCATAACGCTGTAGCCACCAGAACAGATATTGCGGAACGACAAAGAGAA TTGATGAGAAGCTGATGCAAAATTCCGTCTTTATAATGAAAATGATGCCAAAGCGAACGACAAGGTTGTAGTTTTCACTA  $\tt CATGTCCATACATAAAATGGGGTAACATTCACGCGCCTGGTAGCGTTACCAACGCTACGCTCAAACATAATGATTCTAAT$ AAAACCTCAGGAGACTACTATGCCTGAAGCAACACCTTTTCAGGTGATGATTGTGGATGATCATCCACTTATGCGACGCG GTGTTCGTCAGTTACTGGAGCTTGATCCTGGCTCTGAAGTGGTCGCCGAAGCGGGCGACGGCGCGAGCGCTATCGATCTG  ${\tt GCGAATAGACTGGATATCGACGTGATCTTGCTGGATCTCAATATGAAAGGTATGAGTGGCCTGGATACTCTCAATGCCTT}$ GCGCAGGGATGCCGTTACCGCGCAAATTATTATCCTGACCGTATCCGATGCCTCCAGCGATGTCTTTGCGCTGATAGACG GACGGAGCGCGAGCTGGATGTTCTGCACGAGCTGGCACAGGGGCTGTCAAATAAACAGATTGCCTCGGTGTTGAATATTT  $\tt CCGAGCAGACAGTAAAAGTACATATTCGCAATCTGCTGCGTAAACTCAATGTCCGCTCACGCGTGGCGGCCACCATTCTG$ TTCCTGCAACACGCGGGGCACAATAAAAATAGCCCGATGGATTTATCATCGGGCTGAGATTTATGACAAACGCAAAACT GTTCACGCCGCATCCGGCATAAACTAAGCGCACTTTGTCAACAGTCTAGCCCGATGGCATCACCATCGGGCCTCTTTTTA TTTACTCTCCTGCGGCGACAAATGTTGCATCGCCTGCGCGATACTACGTTCAATCACCGCACGGCGAGTATCGTTGGCAG GTAAGAGTTTCAACATCATCTCCCACGCGGCAACGCTTCGCCAAATCGCTGCTGCTCAAAGGCATTAAACGCATACATG AGATGAACGAGTCAACGCTTCAGCGTATCCCAGTGCAGCATCACTGTTTTTCGGATCGAGGCGATACGCAGTGGCGTATG  $\tt CATCGGTGGCGATACTGGCGTTACCCAGCGCCATGCCAACGCGGCCCAACATAATCCAGCCTTCTATATCTCCCGGATTT$ TTTTGCAGTTGAGTACGCATCCCCAGCGCAAGACGCGACATCTCTTCTTCGTTGAGCGGATCGGCTTTCGGATCCAGCGC TGACGCCAGCCACAATTAACGCCACCACAATACCCGGCAGATAAACAACATATCCGGCACGCTTACCTTCCGGCACGCTT TGTTCAGGAAACGCTTCCGGCACCACGCGTACCCGACGCCGCGAGCGGGCGTATATGACCCAACCGCCAATGCCAATAGC CTGTGCTTCATCTTTAAACTGCAACACATCGATGGTCGCCAGCGCTGAGCCGGAGATCATCAGCATCAGCACGCCCAATA AAAACCTCATTGTGCGGCCTCCTTACTGTATTTCTCCCACAGCGGCTTGATCTCTTCCCCAGACGCGAGGATTCAGAT CGCCCGCATGGCGATAGCGAATGATGCCGTTGCCGTCAATAAGAAACGTTTCTGGCGCGCCATAGACACCGAGATCCAGC ATCGTCTTTATAGTTCATGCCGACCACGCGGATGCCCTGCGCAGAAAGCTGATTCAGATATTGATGTTCCGCACGGCAGG TCGGACACCAGGTCGCCCAGACGTTAAGCAGTACTGGTTTGCCCTGAGTCAGCACATCCGCCTGATAAAACTGCCCCGGA TTGTCCAGTGATTCGAGACGAAACTTCGGCACAGGCTTGCCAATGAGCGCCGATTCCAGATTGGTCGGATCATCCCCTTC GGCATTACGCGCCAGCTGCCACAGCAGCGCCGCGGCAATCGCCAGGAAGATAATCAACGGAATTAACAATACTTTGCGCT TCATACGGCCTCCGGCGCAGTTTTTTTGCGGACTCACGCGCTTACGATAGCGAGGATCAAACAGACACAGCAGTCCGCCCA AGCTCTTCACCGAGGGCCGCGTACAGGTCACGCGTGATGCCGCCGTCAATTGCCGCTTCGGTCATCATCGACCCGGCAGT GTTGTAATAACGTTTTTCCGCATACAGCACCGTTTCCGGCTTGCCATCGCGCGTTACGCCGATAGTCGCCACACCGCCAC GCCAGTTCGGGCCAGTCACCTCTTTGACATCACGGAAGGTGAAGCGATATTCATGAATATCGACGCTATCGCCGGACTTC TCCAGCAGGCCATTGCCAGGCCGAGCACCGTCATCGCCACAACTTTGCTTTCGAACAGCCACGGCAACAGCAGCGACAGC GACACCAAGCAGTAGCGCAAACGGCACCATCAGCCAGGTAAACATGGTGTTGAAGAACGGTTCGCCAATCGAAATACTGC  ${\tt CCAGTCCCAGTTGCTTATGCACCAACGGCAGCAGCAGCAGCACCAGCAACACCACCAGCATCGCAGCGACCAGCAAAACATTG}$ TTCGCTAACAGCAAAGATTCCCGCGACCACAGCGCATTGTTTACGCGTGAGCGAACTTTGTGTCCACGCGCGCAAACAG GGCGTTTTCTACCGGATCCCAGAACCACCAGCCACCCAGCCGAGTTCGTAATAGGCCCATGCGGAACCGAGCACGATGC  ${\tt AAAGAAGCAATGGCAAAAGCAAACGCCACCGAGAAACCCACGTACCCCATATAAAGCAGAGGCGGATGGAAGATCAGCCC}$  $\tt CGGATCCTGCAATAGCGGGTTAAGATCGCGACCTTCAATCGGGAAGTTCGGCAACGTGCGAGAGAACGGGTTAGAGGTAA$ AGAGAATGAACAGCAAAAAGCCGACACTGACCATCCCCATTATCGCCAGTACACGGGCCACAATATCCAGCGGAATACGC TGACTAAAAATCGCCACCGCAAAGGTCCAGCCGCTCATCAGCAGCACCCACAGCAGTAGCGAGCCTTCATGCGCGCCCCA GGTAGCCGCCACGCGATACCACACCGGAAGCTGGGTATTGGAGTTGCTGGCAACATAGGTGACGGTGAAGTCGTTGACCA CGAAAGCATTGACCAGCACCAGAAATGCGCCAGCCACAGACATAAACAGCAGCCAGGCAAACAAGCGGGAAGACGCCATC ATGCGCGCATCTCCGCGCGCCCCCCATAGCGGATACACGGACAGCAGCAGCGCAATTCCCAGCGCCAGGCACAGCAG  ${\tt TCCGTTACCAATTTCTGGCATCATGATGCTGGGTCCTTATAAACACTCGCCGGGCGACGGTGGTTAGCTTCCATCGCTTT}$  $\tt CTCAACTTCTGGCGGCGTATAGTTTTCATCGTGTTTTCGCCAGCACTTCTTTCGCGAGGATATGATTGCCTTTTTCCAGTT$ GCATCGTAAATGGTGAAGGTCACTTTCAGCGAATTGGGATCGCGCTGCACACTACCCGGCATCACCATCCCGCCAACGCG TATTCGAGCGCAGCGCATATAGCACCAGACCGATAGTCAGCGCCAGCCCTGCCAACACGGCACAGGCAATCCACAAGCGG TTTTTACGGCGAATATTCATGCAGCCTCCTGCTGTTGCGCAGCACGTAAACGCGCCTCACGCGCCCGCTGTTGCGCCACG CAGTATCAGTTCACCCACGGACGGCGTTTTTCCATCAGCAAAATCAAATTACGCATCCGCATCAGCGTCAGCGTGG  ${\tt CAGACAGGAGCAGGAAGCCAAAAATCGACCAGCGCGCGAACGCATCGCCGGATCGATACTTTGCTGCATCCGCGTT}$ GATCCCTGATGCAGGGTGTTCCACCACTCCACGGAGTAATGAATAATCGGCAGATTCACCACGCCAATCAGCACCAGGAT ACCTGCCGCACGGCCCCAGACGCCGTCGTCGAAGGCGTGCCACAGGGCAATCACACCCACATACAAAAACAGCAGCA AATAAACGCTGCCACTGCCATTGATGCATAAATGCCCATCGACCAGATCGCCGCAGGCACATGCAGGTAGATAATGCGGT AGCTATTTCCCTGCTGATAATCAGCCGGAGCAAAGCCGAATCCCCAGATCCAGCCGACGGTAAGCACGACCACACTGGCA ATTGCCAGCCACGGTATAAACCAGCCACAGATTTGATACAGCCGTGGTGGGGATCGCCAGTTGATGCAGTGTTTTCCACAT AGTTTCGATACCAGACTCGAACAAAAATCAGTAATCCAGCGTTATTGAATGCTGATTCGTAACGCTGCCGCCGTCGCAAA  ${\tt AGGACTTAATGTCGCGGTGCCTGCCAGCAACGCGCCTAAAATTGCCAGATACCCGTCAACGGGCAAATGCATAGAAGCCG}$  TTAAGTCCCACTGTCAGCGCCACGCCCGGTGCACCGAGAAAGCCAAGCGTAGGCGTTCCCAGCAGCAGCAGCGTCAGCGCCAT CACTTGCCAGCCATAAACATCCATTCCCAGTAGCATTGCTACCAGTGGCGAAAGGATGAGTAACGGCAGACCGGTTACCA  ${\tt TCCAGTGCGCCATCACCTTCGCCAGCACAACGGCGGCAAGGGTAACGGCAACAACATCAATTGTTCAAGACTGCCGTCC}$ TGCAAATCGTCACGGAACAGTCGTTCCAGCGCCAGCAAGGATGAAAGCAGCGCAGCAACCCAGATAATGCCCGGTGCAAT  $\tt ACGCGCCAGCAGTTGCGGCTCCGGACCGATACTGAGCGGAAAAAGGGTAATTACAATCAGGAAGAACCACAGCGGGTTGG$ CGATTTCGGCGCTATGGCGAAACGCTACACGCAGCTCAAGACGGAAAATGCGCCAGAACATCATGCGGCCCTCGTTTGCG TCAGCACAGTACGGATACCGCCGTTGATCCAGCCACCAAAGGGGGGTGATGACGTAGTACATCGCCAGCATGACAAAAATG GCGGAAAGAATCGGGAGCAAAAATGTGGTTTTGAACGCTAACAGGAAATCCGGTAACTGGATTTTCTGGTTCATCCACTT CACAAGGTAACCGGCAACGATAGAAATAATCAGCGCACCAATGAAGGTGGACGGCACCGGCGAAGAGGTCGCCCATTGCA TAGTGCTGGGATCGAAGTTCAGCAGTTGCGTCGGCTGGGTAGACATCAACCCGCCGATAAAACCAGCCGGGAACGCCAGT TTGCCACCGATAGAGTTCGCCACAAAAGCAGCAAACATCGGAATGGCAAAACCAAACACGCCGCCGAAGGACTGCGA  ${\tt CAGCCAGGCAAATTTAAGTAAGGAGAGGTCGAAACCGGAGAATTTCCCGCTATTAAGAGCATCCATGATGCCGATCTCAGCCGATCTCAGCGATCTCAGCCGATCTCAGCGATCTCAGCAGAATTTCCCGCTATTAAGAGCATCCATGATGCCGATCTCAGCAGAATTTCCCGCTATTAAGAGCATCCATGATGCCGATCTCAGCAGAATTTCCCGCTATTAAGAGCATCCATGATGCCGATCTCAGCAGAATTTCCCGCTATTAAGAGCATCCATGATGCCGATCTCAGCAGAATTTCCCGCTATTAAGAGCATCCATGATGCCGATCTCAGCAGAATCTCAGCAGAATTTCCCGCTATTAAGAGCATCCATGATGCCGATCTCAGCAGAATCTCAGCAGAATCTCAGATCAGATCAGATCTCAGATCAGATCAGATCTCAGATCA$ CAGGAATTTTAAGCCAGCTATAAGCAATCAGCTGGCTGAAAGCGAGGATCACCCCCCCATAATTAAGGTCGGCACCATG  $\tt CGTGAAATCCCTGACATCACATGCTGCGGGAGTTCACCCCAGAAGCTGGTTTTAGAGGCCTGCGGATTCTTAACTGCCGC$ TGCCGCACCGGATGCGCCAGGCACAACGGTTGCACTGCGTTTTTTAATGGCCATAACAATTATCCCTGTCGAATATTACT GTTGTTCAGAGGCAATCATCTCTTCGATTTCTTTGATGATGCCCGCAGCGTTTTTAATTGCGTCCTGCAAAGTGATTTCA TAAACGTCGCGTGATTCGAAACGTTCGTTATCTTCCGGGGTAACTGCCACGGAGTGGATGATGATGGTCGCTTCGGCGAT ATCCTGCGCCGTCAGGCGATTCTGGATACCGTCCGCGCCCTGGGTTTCAATTTTCACTTCATAACCGGCTTCTACCGCCG ATCGTTAATTCCTCGTTCAGTGATAGTTGACGAGTGAAATTATGAACGTGCAAAACAAATCGCCGTTACCAGACAAATAA TGCATTTACTGGAGAATTAATCCCGCTGTACGGAAGTGTGACGCAGGTCGACCTTGTGAGGGGACACAAAGAAAAATTGA TCTGGCGTAAATGTGCACCGGAACCGAGAAGGCCCGGATTGTCATGGACGATGAGATACACCGGAATATCATGGACATAT TCTTTAAAGCGCCCTTTATCTTCAAATGCGGCACGGAAACCGGAGGCTTTGAAGAACTCAAGGAAGCGCGGCACGATACC GCCCGCAATAAACACGCCGCCAAATGTCCCGAGATTGAGCGCCAGATTGCCGCCAAAACGGCCCATAATGACGCAAAACA AGGCGGTTGTCACAATTGCGCGATACAAATTCACCAGCCCAGGGCCAGAAAGCACGCGCTCCGCCGAAACATG ACCAATTTCCGCACGCAATATTTCGAGGATAATGGCCTCTTCTTCACTATTCGGCGCAAAATCAACGTGACCGCCTTCGC  $\tt CTGGCAAGCTTACCCAACGCTTATCGACATGGACCAGATGCGCAACCCCAAGCCCCGTTCCGGCACCGTAAACCGCAATA$ GGCTTACCTTCGACCGGTTCTGCGCCACCAAACTGAATCAGATGCTCTTTTTTCAGCATCGGGATCGCCATCGATACAGC GGTAAAATCGTTAATAATTTCCAGATGGCTAAAACCGAGATTCTTTTTCATTTCGGCAATTGAGAACGCCCAGGTATGGT TGGTCATCGCCACCCAGTCACCGGTAATTGGGCAAGCGATGGCAATACAGCCGTCTTTCACCTCGACCTTATGTTCTTCA AGATAAACGCGAATGACCGCTTCGAGGCTGGGGTAATCAAGCCCTGAATAGGTCTTAGCCTGCGAGATTTCACCACTGGC AATATCACACAGAGCAAGACGTGCGTTGGTGCCGCCCACATCACCGACTAATGCATACTTTGTCATTCTTCAACTGCTCC AATATCGATCTGGGTCACACAATTACTTTATCGTTTCAGCACCAATTGCAGCGATGCCTTTTTGCAAGCTGGGCAAACTA AGTATCTGACCCCGCATAAGGAATAGAACATGCTCCATCCGCGAGCCAGAACCATGTTGTTATTATCGCTCCCGCCGTG GCAATTGGGATTGCGTCCAGTCTTATTCTGATTGTGGTGATGAAAATCGCCTCGGTATTACAGAATTTGCTCTGGCAACG GGTTGGTTATCCGTTTCAGCCAGGGTCATGCCGGACCAGACCCCGCCTGTGAACCGCTGATCGGCGCACCGGTTCCGCCC  ${\tt TCTGCGCTACCTGGACTTATCGTAGCATTAATTCTCGGTCTTGCTGGCGGCGTCAGCCTGGGGCCGGAACATCCGATCAT}$ GACCGTCAATATCGCCCTTGCGGTTGCCATTGGCGCTCGTCTGTTACCGCGCGTCAACCGAATGGAGTGGACTATTTTAG  ${\tt AGTGAAGTTCCGCTATGGGATCGTCTCTTTGCGCCGTTAATGGCGGCAGCAGCTGGTGCACTTACTACCGGATTATTTTT}$ GGATGAGATGCAGCAGATGGTGGCAAATCAGGCTTTCAGCACCAGCGATTACTTTTTGCTGGCGGTAATTAAACTTGCCG  $\tt CCCTGGTCGTTGCCGCCAGTGGCTTTCGCGGTGGCCAATCTTCCCGGCAGTGTTTGTCGGCGTGGCATTAGGGTTG$ ATGCTGCATGAGCACGTTCCCGCCGTACCAGCGGCAATAACCGTTTCTTGCGCTATTCTCGGCATCGTGCTGGTGGTAAC TGCTTCCGGCATGGCTGTTATTAGCAGGTAAGCCGATGATGATGGTCAATCGTCCGAAGCAACAGCCACCCCACGATAAC GTTTAGCAAAAATGCTCTCCTTTATGATTTAAGAGTTATGCCGATGATACCGGGGGCTTTACCTCCCCGTAATATTGCCTT AACAGGCCGCTGACGGCTTCGAGCGTGAAGGAGAATAACAATGTTCAGGTCACTGTTTCTGGCGGCCGCCCTGATGGCAT GGTAATTACTGGGACGGTGGTCACTGGCGCGACCGTGACTACTGGCATCGCAATTATGAGTGGCGCAAAAACCGTTGGTG GCGTCATGATAATGGCTACCACCGTGGCTGGGATAAGCGTAAAGCGTATGAGCGTGGCTATCGTGAAGGCTGGCGCGATC GTGACGATCATCGCGGAAAAGGCCGGGGTCATGGGCACCGCCATTAAACGCGTCCGCCAATGGAGCACAATGCCTGATGC GACGCTAGTGCGTCTTATCAGGCCTACAAACCGGCTCTTTAACGCCGTAGGGCGGATAAGGCGTTTACGCCGCATCCGCCA ATAGTGCCAGATGCGACGCTCATTCAACTACAATCCCAGCGCCGTCCCCACCAACAACCAGATATTCAGCGCCACGACCA GCACCACATCACCCAGCCTGTCTGTTTTACGCGTTTGCTGTTCACCAGATCGCCCATCAACTTGCTGTCACTGGTGAAA ATCAGCAGTGGAACCAGCGCCAGAGCGATACCAAAACTTAACAGTACCTGACTCATAACCAGAATCCGTGTCGGATCTAA TCCCATCAGAATGACAATAAATGACGGCAACATGGTGACTGTACGACGCACCCACAGCGGGATATGAAAGCGAATGAAGC GTTGCCGCAGCGTGGCTTAACAGCGGTTGCAGCGTCAGATAAGCCTCATCAAGATCGGCAACACCAGTATGACCGGAAAA GTGGAACGCCGCCGCAGCTGTAGCCATCATCGCCAGATTGACAAAACCGGCAATAGTCATGGCGATAGCCACATCCCATT ATAATCGTCGCCCTAACACGCCTGCTGCCAGGAAGACCGCTTCCGAAGTAGGTAAACTCGGGATCACCATTCCTTTACC  $\tt CTTTCTCCAGCGGTTTTTGCCCGCGACGTTGCAGCATTAAAATCAGGAAAGTCGCGATCCCCGTCAGCACCGCGCCCTGC$ AACAACGAAACACCAAGAATGAGTTTAAAACCGATCGCCGCACCAATAAATTCCGCCAGGTCGGTTGCCATCGCAATAAT TTCTGCCTGAACCCAATAGAACCACACTACGGGACGCGGATAGTGATCGCGAATCTGCTCCGCCAGATTTTTACCGGTGG CAATCCCTAGTTTGGCAGAGAGGATCTGAATCAGCATCGCCATCAGGTTGGCCCAAACGACAACCCACAGTAGCTGATAG  ${\tt CCGAAGCTAGCACCCGCCTGAATATTGGTCGCAAAGTTACCGGGATCGATATAACCAATCGCCGCAATGAACGCAGGTCC}$  ${\tt ACATAGCCTTTGCTATGTTCATGCCAAACGAGAATGATTATCAAATTCATTTAAATGGATTGTGGTGATTTCTC}$ TGATAGACCAGGATTATGACTACGAAAAGATTGATGACTTGAATGTTATGGTTATGTTTAATGTTAGCACATTTACATAA CTTTCAGCTTCCATACACACACATAGCAGAAATGTATGACAGATCACTATTTTTGAAGCCTGTCACAGGACGTCATTATAG TGTGTGTCAGATCTCGTTTTCCTTAACCATGTTACATAGAATGTGCACGGAAATTTAACCTGCCTCATATTTGGAGCAAA TATGGACCGCGTCCTTCATTTTGTACTGGCACTTGCCGTTGTTGCGATTCTCGCACTGCTGGTAAGCAGCGACCGCAAAA TTAGGCTTCGTGAAAGGCTTCTCCGAAATGTTCGAAAAACTGCTCGGATTTGCCAACGAAGGGACTAACTTCGTCTTTGG TAGCATGAATGATCAAGGCCTGGCATTCTTCTTCCTGAAAGTGCTGTCCCAATCGTCTTTATCTCTGCACTGATCGGTA TTCTCCAGCACATTCGCGTGTTGCCGGTGATCATCCGCGCAATTGGTTTCCTGCTCTCCAAAGTCAACGGCATGGGCAAA AATCTCCCGTAATCGTATGTACACCATGGCTGCCACGGCAATGTCCACCGTGTCGATGTCCATCGTTGGTGCATACATGA  $\tt CCATGCTGGAACCGAAATACGTCGTTGCTGCTGCTGGTACTGAACATGTTCAGCACCTTTATCGTGCTGTCGCTGATCAAT$  $\tt CCTTACCGTGTTGATGCCAGTGAAGAAACATCCAGATGTCCAACCTGCACGAAGGTCAGAGCTTCTTCGAAATGCTGGG$ TGAATACATTCTGGCAGGTTTCAAAGTTGCCATTATCGTTGCCGCGATGCTGATTGGCCTTTATCGCCCTGATCGCCGCGC TGAACGCACTGTTTGCCACCGTTACTGGCTGGTTTTGGCTACAGCATCTCCTTCCAGGGCATCCTGGGCTACATCTTCTAT GTTTCTCGCTTCGGTCTGAAGCTGGTTTACGGCTCTACCCTGGTGAGTGTGCTGTCTGCGTCAATCGCAGCACTGGTGCT GTAAGACCATACATAAAAAAGCCGGGGATAATTCCCATAAGCGCTAACTTAAGGGTTGTGGTATTACGCCTGATATGATT TAACGTGCCGATGAATTACTCTCACGATAACTGGTCAGCAATTCTGGCCCATATTGGTAAGCCCGAAGAACTGGATACTT

GGCCCCGGGGGGATGTCATTACGTGAAGTCACTGCATGGGCTCAGCTCCATGACGTTGCAACATTATCTGACGTGGCTCT GTTGTACAAGCGGAAAGAGTTGCGTCTTGTCGATGGAACAGCAATCAGTGCGCCCGGGGGCGGCAGCGCTGAATGGCGA  $\tt CCGATTTGCGCAAACGGCAGACGAGATACGCATTGCTGACCGGGGATTCGGTTCGCGTCCCGAATGTATCCGCTCACTTG$ CTTTTGGAGAAGCTGATTATATCGTCCGGGTTCACTGGCGAGGATTGCGCTGGTTAACTGCAGAAGGAATGCGCTTTGAC ATGATGGGTTTTCTGCGCGGGCTGGATTGCGGTAAGAACGGTGAAACCACTGTAATGATAGGCAATTCAGGTAATAAAAA AGCCGGAGCTCCCTTTCCGGCACGTCTCATTGCCGTATCACTTCCTCCCGAAAAAGCATTAATCAGTAAAACCCGACTGC TCAGCGAGAATCGTCGAAAAGGACGAGTAGTTCAGGCGGAAACGCTGGAAGCAGCGGGCCATGTGCTATTGCTAACATCA TTACCGGAAGATGAATATTCAGCAGAGCAAGTGGCTGATTGTTACCGTCTGCGATGGCAAATTGAACTGGCTTTTAAGCG GCTCAAAAGTTTGCTGCACCTGGATGCTTTGCGTGCAAAGGAACCTGAACTCGCGAAAGCGTGGATATTTGCTAATCTAC TAACTCGTTGTGGAGAATAACAAAAATGGTCATCTGGAGCTTACAGGTGGCCATTCGTGGGACAGTATCCCTGACAGCCT ACAAAACGCAATTGAAGAACGCGAGGCATCGTCTTAACGAGGCACCGAGGCGTCGCATTCTTCAGATGGTTCAACCCTTA AGTTAGCGCTTATGGGATAATTCCCCGGTTTTTTTACGCCTGTTAATCAGCTAATGGCTGCGGGCGACCAATCAAATACC CTTGCAGATATTGCACCCCGAGCTTATGCAATAGCGCCTGCTGCTGTTGCGTCTCGACAACTCCGCGACCACACTCAAT GACTTCGCTTTCGCCAGATCGGTAATTGATCTCACAATCATCGCATCCAGCGTGTTCGTGACAATATCTTTCACAAAGAC GCCATCAATTTTGATGATATCAGCCTGCAAACGCTTTAACCGTTCGTAGTTGGCATATCCGGTGCCAAAGTCATCAATCG ATCTCAAGAATGACCGCCTGCGGGGAGATGTGATAACGCTTAAACAGACGAATAATCCGCCCGGCAATATTCTTTTGCAG ATTCCAGCACTTGCAAATCAAAACGCGCGCTAAGGTTAAACTGAGCAATAAGGGGCAGAAACTTATCCGGGGTCATAATG  $\tt CCGCCGTCATATTTCAGTCGCGCGAGGATCTCATCATAACCTTCACCCTCTTTGTTGCGAATTGGCTGGGCGTAGAGCAG$  ${\tt CAAATCACCCTGATCTAACGCCGTGCGAATGGTATTCAGCAATAGCACCTGTTTAGTGGTCTGCCCGGAAACCATCTCCT}$ GCCATTCACTGCGATGATAAATGCGCACCATATAGAGCAGGCAAACGCTAAAGGAAATCAGCACCGCAAGAATAAATGCC AGCGAATATTCGGTTTCCACCCCTTGCAAAAAGTTCTGGTTGTAATTCAGAAGGCAAAGCGTTGAAACAGCCCAGGTGAG ATTTAAAAACGGATAGCGAAGCTTACCGACCCCGAGGGTAAAGATGATGAAGAAAACGGGTACCAGGTAACCGGCAATAA TCTTTGCCCAACGACGAGCGATATCCCTGCGCCACAATATCTGCGCAAAGTGGGGACTTACAATCATGCGAGTGAGATA GTAGAAAAGCATGTTGTAAATCAGCACAGCGGTGAAAAGGCTTAGCAAATCAACGACCGTGAAAATGGCATCCGCATCGC ACCAAACCAAGCCAGAACAGACGTTGCCAGACATATCGGCTGGTCAATCCATAACGCCAACGCGTCCCCAGCTGCCAGCG TAATATTGCGCAGGCACAACACGACAAACGTCTGGCTACCGAGCATGACCGCAGTCTGTAAAAAAAGAGAGATGAAAGT TCCACAGATTGGTGCAAAACATCCCGCATAAAACGGGAACGACACCGCCCAGCCAAAGATAAACAAGATTGACAGCATT AAGTACCACGGTGAGCGTAAACGCTAGTGTGAATATCTTGATATTTTTTATCAGGTTATGCTCCACAAACATGAGTACAC TACTCTCACTGATCGGGGTTTTCAGGCACACAAATAATAAGTTTATTCGCATCGCGAAGCAAACAGGGGGCCAGCCTGTT GCCGATTTTTCATCCAATGATGCTTTCACCAGGCGCACTAACCCGGACGTAGACTGTATTACAAAAGCGGCAAAAAGCA GAGACAAAAAACCCCCGCTTTGCAGCGAGGGTTGGAAATTTGGTGGAGCTAAGCGGGATCGAACCGCTGACCTCTTGCAT GCCATGCAAGCGCTCTCCCAGCTGAGCTATAGCCCCACGATGCGTTTACGTACCAAGTTTGCTGGGTGCAAAATTTGGTG GAGCTAAGCGGGATCGAACCGCTGACCTCTTGCATGCCATGCAAGCGCTCTCCCAGCTGAGCTATAGCCCCGTCACGTAA AGCTTGTCGAGTTGACGGCCGCATCATATGAATTCCGCCCGAATGTGTCAACGGCAAATTGCAACGTGTAGTTTCAATC GCTGAAAAATCAGGCAAATGAACAATTTTGGAAAACCGCTCGCATTCAGTAGTTATTCATGTCACGGTTTCCTGTAAAGT GGTGTTATAAAATGAACTACTAATAGACCCACATACATTCAGGGAATTGTTATGTTCAAGGAGAGGATGACACCAGATGA GAAGGTCAGGGAGAAGCGCCTGCCCTTTCTGGTGATGCCCCCTTTGAAGTATTGCTGGTGACACTGGCGAAAGAGATGAC GCCAGTTGAACAAAAACAGTTTACATCCTTGCTTCTGCGGGAAGGGATTATCGGATTGTTACAACGCTTAGGGATTCGCG ATAGCAAATAATATGAAAAGATTACGCAATAAAATGACCACCGAAGAACTGGCTGAATGCCTCGGTGTGGCTAAACAAC TGTTAACCGTTGGATCAGAGAAAAAGGCTGGAAAACGGAAAAATTTCCCGGCGTGAAAGGCGGTCGTGCCAGACTTATTC TGGTCGATACGCAAGTTTGCGAGTTTATTCAGAACACGCCAGCCTTCCATAACACACCAATGTTGATGGAAGCTGAAGAG TGAGCAGGAAAAAGTCGCGCAATTTTTGTCACGTGAAGGAATTCGCAATTTCCTCGCCCGTCTCGATATTGACGAATCAG CATAAATAAAAACGGCAGGATATTATCTCCTGCCGTTTATCTTTTTACACGCTAATTACTGCTGATTTTCGCGTTCAGC AATAAAATCCAGCGCTTTGTTGATACGCTCGATACTGCGGGTCTTACCAATTGCGTGAACGGTAACATCCAGTGCTGGAG TGAATAGCGTGATGAACGTTTTCAGCGGTCCAGTCAGTAATCGCGGCCAGTTTGTCACGAACCACTTCCAGCGGCTGACG CGCTACCGGACGCAGATGTTTTTTCGCGGCGTCGGCATCGAACTCAGCAAAATCTTCGTAGAAATAACGGCAGCTCTGTG TTTTCCTGCTCAATGTGCCACTGTAAGTGAGTAGCAACATACTCCGGCGGCAGCGCGTTAATGTAGTGATGGTTCAGCCA TGAAGATTTCCTGATCGCCGTGGGACCAGCCCAGACGCCACAGATAGTTCAGCAGTGCTTCTGGCAAATAACCGTCATCA GTAAACCGGCACCGGCGCTTTCAGGGCCTTAAGAATGTTGATCTGGCGTGGCGTGTTGTTGATATGGTCTTCGCCACGGA TAACGTGGGTGATTTCCATATCCCAGTCATCGACAACCACAGAAGTTATAGGTTGGGGAACCATCGGTACGGCGGATA ATAAGATCGTCCAGTTCCTGGTTGCTGAACTCGATCGGACCACGGATCTGATCGTCAAAAACAACAGAACCTTCCTGCGG GTTAGCAAAACGTACAACACACGGTTCATCATCAGCATGATGCTCATGGCTGTGGCGGCAGCGACCGTCATAACGCGGCT TCTCACCTTTCGCCATTTGCTCTTCGCGCAGCGCTTCCAGGCGCTCTTTAGAGCAATAGCATTTATAAGCAGTGCCCTCT  $\tt CGAACTCACCGCCGTGGTTACGTGCAAAAAGCCAGGAGTAAAGAGCAGTACGCGCGCCGCCAACGTGCAGATAGCCTGTT$ GGGCTTGGCGCGAAGCGAGTTTTGATTTTCATGAAATGGCCTTACGTTTAGAAAGATGCCGACAACCGGCAAATCCTGGA AAAATTAAGTGGGCGATATTCTATCACTCCCGCCTGATTCCTCAATGTAGTTCGGGTTTCTACCTTACGCATTATTGTTT ATGCGTTGACTCATTTTGAACTCTCCCTATAATGCGACTCCACACAGCGGGGGTGATTAGCTCAGCTGGGAGAGCACCTC TGACTTTTAATCAATTGGTCGCAGGTTCGAATCCTGCACGACCCACCAATGTAAAAAAGCGCCCTAAAGGCGCCTTTTTTA CTATCTGCGATACTCAAAGATTCGAACCTGCAGCAGGTTTGAGTTGAGCGCAGCGAAACAACGGAGCCGCTCGCGGCGAC GGCCCGAAGGGCGAGCGAAGCGAGTCATCCTGCACGACCCACTATGTAAAAAAGCGCCCTAAAGGCGCTTTTTTGCTAT  $\tt CTGCGATTTGCGAAATTGCCTGATGCGCTTCACTTAGCAGACTACTATTTCCGGCAATTCCTGTCTCCTCACCTACTGTG$ TCAATGCAGCCAACAGCTTAACCATCGCGGGCGTCACCTGCTGTTTTCATAAACAATATATAAATCTGCAGGGATGCGC TGTTTGAGCGGACGGAAAATGACACCTGGCCAGTTCATTTGTGCGTAGCTGTCCGCTATCAATGTGATACCAATGCCCAT GCTGCAAAAAATCCCAGTCAGTGTAAACGGGCGGCATTGTAACAAAATACTCGTCACGTAGCGCTTCCAGCGGGACGGTG GAAAATGATGAGAGATGATGCTCTTCAGGCATCGCCACCAGAAACGCCGATTCATGCAACCGTAAGCTGGTAAAACCAGT  TTTCGCGAAAAAGAACGTCAACGTTAGGATTTTCCCTGAGGAATCGCCGCATAACCGGGCGCATCCGTCCCCACATTGCC GTTCCCACTACGCCGAGTTCAATCCGCCCTGCTTCTCCCCGACCTATTTGTTCAATCCGAGCCAATACATTATTAGCATT CACCAGCAATCGACGCGATTCTTCCATCAAGATTTTGCCCGCGTGTGTCAGTACGACGCTGCGCGAATGGCGAATAAAAA AACACAATGGATAATATACCCGGTAATACATTTGGTACAGGAATAGGCAAGCGCACGATTGTAAACAAAGCACCAATACC AAAACCAACGCCGGAAGAAATAAAATATCTTTCACTAATTAACCTTTATCATAAAAGCAGCTCTGAAGAGCAGAGCCGC GAATCCTTTTAATGAGTCACCGCTCGATGCTTTATCTTTTCAGGGTCATGATTATATTTAAACCCAAAGAAAAATATCAC TGCGAGAAAAGAGCATATCCTGCAAACACCAGCCAGATAGTTTGCCAGTCTTTTACGCCATCCACCGAAAAGTAATCTA CTGCCATGCCACTCAGAATCGAGCCAACCCATGCGCCGACACCATTTACCATGGTCATAAAGAGCCCCTGCGCGCTGGCA CGAATGCTGGAATCAACTTCCTGTTCGACAAATACCGAACCAGAAATATTGAAGAAATCGAATGCACAGCCATAAACAAT CATCGACAGCAGCAGCAAAATAAATCCGGTTGTTGACGGATCGCCATAGGCGAAGAAGCCAAAGCGCAGCGTCCAGGCCA  $\tt CCATACTCATCAGCATGACGGTTTTAATGCCAAATCGCTTTAAAAAGAATGGGATAGTCAGTATAAAGCCCACTTCTGCC$ ATCTGTGAAACTGACAGTAAAATGGAGGGATATTTCACCACAAAACTGTCAGCAAACTCCGGGTTACGGGCGAAATCATG TAGGAACGGATTACCAAAAACGTTGGTAATTTGCAGTACCGCACCCAGCATCATGGCAAAGAGAGAAAAAGATGGCCATGC GTGGATTTTTAAACAGCACGAAGGCATCCAGACCCAGCTTGCTGGCAAGCGATGTGGTCGCTTTTTTCTCCGCAACCGGA CAGATGCAGCAGGCTTACTGCCCACATCGCGACAATGAACCCCACCGTACCAAAAACGCGAATGGGCGGGAAAGCGGTCA  ${\tt CCGGGTCAAGCCCTGCCTGGGCAAGACAGGAATAAGAGACGCTGTTCGATAACGCAATAGTCGGCATAAACGCCATCGCA}$ TTGACTAACATCACCCAAAACATCATATCCGGATCAGTTACGGATGCCGCATAAAAAAGTACGCCCGCACACACCAGGTG ACACAGCATGTATGCACGTTCTGCGCGCAGCCATTTGTCTGCGATGATCCCCATTATACCAGGCATAATAATCGCGGCGA TCCCTTTGGAACTGTAAACCATGCCAACATTAGCGCCGGTGAAATGAAGAGTATTAATCATGTAAGAGCCGAGGGTAACC AGCCAGCTCCCCCAGATAAAATATTGCAAAAAGGACATTACCTTTAAGCGCATCGCGATGCTCATAATCGTTTCCTTGTC GCATCATTTGGCCTCACCCGCGAGGCCGTTTCTTATTGTTTTTCTCAGGCAATTTTGCGCAGAAAGCCACAAATAAGGTT GATGAAGTTCTGCTTAGAGAGCTCCGCAGCCGCCAGCGTTTGCGCATGTGACAATTTCACATCGCTTAAACCTTCCGCCA TATTGGTAATCGCAGAGACCGCAACGACTTTAAGGTCGCAATGGCGAGCTGAAATAACCTCAGGCACCACAGACATACCA ACAACATCCCCACCAATAATTTGCATCATGCGAATTTCCGCCGCAGTCTCGAAATTCGGCCCCGGATACGAGACGAACAC GCCCTCCGTCAGAGGGAAACCCTCTTCTTTCGCCACTTTTTGTAACAGTGCGCGGTATTCCGCATCGTAGGCATTTGCCA GTGAGAAGAGCGCTCTCCAAAACGATCATCGTTAAGACCCACCATCGGCGTACCGGGCATGGTGTTGATATGATCTTTC AATGCGACCAGGCTGCCTGCCCCCACTTCCGGACGCGAGCCTGCCGCATTGGTGCAGAACAGTAGCTCGCAGCCCAG TTTTCGTAGGAAATTGCGACAGCGTTCTCAATCTGATCGGCCAGCGCCGAGCCCGGAACCTAAAATAAAGGCCACTCG TGGCGTGAAATCAGGTTTATAAGTCTTGATAATATCTATGCAAAACAGCGGGTTATGAGAAAATTGAACCTGAGACATAC ATATCCTTTTCTGTAGGGTGGAATCTAACGCCTTTTTATAGCGAGGTTGTCCCGGCTCTTACCAATACACTTTTCTCAC GCATTCAATAGCGATTCGATATCGATGGATTTATATCTTTTCTCTATTAATCCACGGTAAAAACTGTATTGGCGATATTA ATTCCTTTGCATTAACAATATGTCGTTTTTAGCAAACCACTTTATTAAGCAATCTACTAATAACGATCGGCATAGGGAAT TATGCTATGAAAAAACATCTTTTAACTCTGACACTTTCCTCTATATTAGCGATACCTGTTGTATCTCATGCAGAATTTAA AGGCGGTTTTGCAGATATCGGCGTGCATTATCTGGACTGGACCAGCCGGACTACCGAAAAATCGTCGACCAAATCACACA AACTTCTATAACGGTCGCCATAATAAACCAGGTAGCGAGCAGCGTTATACCTTTAAAAATACCAACCGTATTTACCTGGG TGACACCGGATTTAATCTCTACTTGCATGCGTATGGCACCTACGGTTCTGCGAATCGCGTGAATTTCCACGACGATATGT  ${\tt TCCTGTACGGTATCGGCTACAATTTCACCGGCAGCGGTTGGTGGTTCAAACCGTTCTTTGCTAAGCGTTATACAGATCAA}$ TCTTACCAACTGGAACGAGTACGAGTTTGACCGTGACGCTACCTATGCAGCGGGTAATGGCGGTAAAGAAGGGCTGAATG GCGCAGTTGCACTGTGGTGGAATGCAACATCACACATTACTACGGGGATTCAGTATCGATATGCGGATGACAAACTGGGC  GAATTCACTCTATATCTGATACAACGGATCCCCTTCCCGCCCAGCCATTAGCGCATTGCCCTGGTCTCGTACCACGTCCC ATAAAGCTTCAGCGGCGGTGGAAAGTGAACGGTTCTTCCTGCGCACCAGCATCAACTGGCGTTCAACAACCGGCGTAATG CGCTTTACCACCAGTGGGCTACCTTCAGGCAATGGTAGCGCCAGTGCGGGAAGAATACTGATGCCGATGCCTGCGGCTAC CATCGGGAACAGCGTCGCCGGATGTCCAATCTCCTGCACAATATTCGCCTGAATACCATTGCGCGCCAGCGCTGCATCAA GCCTGGATCGATGACGATGCCAAAATCGACATCTCCCTGGCGAATACTTTCCATTACCCACTGCTGCGGACGATCGTGCA GGACAAACTGAATATCTGGATAGCGGCGATGGCTTTCAGCAATGCATTGCGGAATAAGATGCGCGGAAATGGTCTGGCTG GCAGCGACCCGAACTTTTCCGCTCAGTTGTTGCCCCATACGCCCGGTATCGCGCAACGTGCTGTTCAGTTCATCCAGCAG TCGCTCAAGACGCAAAGCCAGCTGCTGCCCTGCATCTGTAAGCACCACTTCACGCGTGGTTCTGTCCAGCAGGCGAACAC CAGTATGATTTTCCAGTTCCTTCACACTGTGACTCACTGCCGACTGGCTCAGGCCGATACGCTCTCCTGCACGACTAAAA  $\tt CTTTTCTCCTGCGCTACTGTGACGAAAACCTTTAATTGTTTTAAAGAATAATTCATCTGTTTTCTTCATGAATGGATGCA$ ATAAATCAATTTTATTTCTCAAACTGGAAGAAGCACAATAGAACCATCGATCATCTGGAGTCTTTATGAAACTTTTTCGT CTTCTTTGAAAATCTGACCACCGCAGCTATTGCCCTGCTGTTCTTTATGCACGGCGCAAGTTGTCGCGTGAGGCGATTA TTTGCCTGGTGGAAACCGGTAAATGTCGACCCGATGCTCTACTCCGGTTTTCTCTACTTGTGCATTCTCCCGGCTACCGT TAAAAAATGGATTGCGAAAACTGACCAGACGTCCATTCTGTTGGTGGTTTATACAGCGTTCAGCGAAGCCGTCGTTAATG GTATCTGGCATAAAGTTGGCTGGGGATCATTGCTGTTTATCGTGGTGGTCAGCTGCGTTCTTCTGGCTATCGTGATTGTA GTTAACGTCTTTATGGCACGCCGACTGAGCTTCAATAAGGCAGATGAAATTACTATCGTCTTTTGTGGTTCGAAAAAGAG TCTGGCAAATGGCATCCCGATGGCAAACATTCTGTTCCCCACATCGGTGATCGGTATGATGGTGCTCCCCTGATGATTTT TCCATCAGATCCAATTGATGGTCTGTGCGGTGCTGGCGCGTCGATACAAACGCCAGACCGAACAGTTACAGGCGCAGCAG
GAAAGCAGCGCCGATAAAGCTTAAAGCGGACGCTTCAGGGGCTGGACCAGTTGCGTCAGCCCCTCGGTTTTAATCAGCAG GGTCGATTAAGCGACGCCCTTTGTATTTGCCAAACGGCATTATCGTATTGGCTATTTCAATCAGCTGCTCTTTTTCCATC TCAGCTACCCAGCAAACGCAGCATTTCCGCTTCGTCGATGACTTCAATGCCCAGTTCCTGCGCCTTCGCCAGTTTAGATC GCTTTAGCGTCATCACGCGACATCTGGCTTAAGCTGCCCGTAAGCACCACGGTTTTACCAGCAAACGGGCTGTCAATCTC TTCCGCGTTGATAACGATCGGCGCAGGCCAGTGAACACCTTCCGCCAACAGCTCGCTGATGACATTGCGGTTGCTTTCTT TCCAGCGCTTCCAGCGTGCCGAAATATGCCGCCAGACCTGCTGCGGTGGCCTCGCCGACTTCACGGATGCCAAGTGCATA GAGGAAGCGAGCAAAGGTGGTTTCTTTCGCTTTTTCCAGCGCGTTAACCACGTTTTGTGCCGATTTTGGCCCCATACGCT GCAAATCAGGCCACCGGTACAGCGGGCAACCGCTTCACCTTCCACACGCTCAACGTCAGAACCACATACCGGACAATGCG TGCTCCTGCTGTGCCAGTGAGTTGACCTTAATCACCACGCCGTCGATATCAAAGCCCAGCGTCGGGCGGTCTTCTTCCAC TTTGTGATAGAACGCCAGCACTTCTTCCGCCGATTCACAAAGCGTTACCCGATCGCTGACCGGCAACCCCCACTTTTTAA ATTGCAGTAAACGCCAAGATGAGTATCCGGCAGCTCGCCACCTTCCAGAACACCCAACGCCATAGCAGAAAAAAAGTGAGC GGTCGCTTCGCTGTAATACGCGGATCAAGCTGACGCAGTGAACCAGCTGCCGCATTACGTGGGTTAGCAAACACTTTCCC GCCCGTGCGTCGCGCATCTTCGTTAATCTTTTCGAACCCCGCCTGCGGCAGGAACACTTCACCACGCACTTCCAGACGCG  $\tt CCGGGATATTCTCCCGTGCAGCTTCAGCGGAATGGCGCGAATAGTACGCACATTAGACGTGATATCTTCCCCGGTGGTG$   ${\tt CCATCGCCACGGGTCGCGCACTGACTAAAACGCCATTTTCATACAGAATACTGACGGCAAGACCATCCAGCTTCAGCTC}$ AAACGTTATCCAGTGACAGCATTGGTACTTCATGGCGTATCTGGCTGAAAGCCGCCAGCGGCGCAGCGCCTACACGTTGA GTAGGCGAATCAGGCGTAATCAGTTCTGGATGTTTGGTTTCCAGCTCGCGCAGTTCGCGCATCAGCCTGTCGTATTCAGC GTCGGGAATTTCCGGCGCATCCATCACATGATAAAGATATTCATGATGGCGAAGCGTCGTTCGCAGTTCTGTCAGTTGTT GTTCGATTGATTCCATATCGCACCATCAATGCTAAAAACCCCCGACAAGCGGGGGTTCGAAGAGGAGTTAATTTGCCTTA GCTGATCGTCAAGCACGACCACCCCCACTTCATCGGCAATATGCTGCGCAGATTGCAGCATCAGCTTGAAGTTCTGCAGC  ${\tt TCGTCACCGTAAGACGGTACCTGCATAAAGATAGTGACACCCGGAGTAGTGAAATCCTTCATTTCAGGATCAAAGGTTCC}$ CGGTTTCACCATATTCGCCAGGCTGAATAACGCCGGGCCGCTGCCATCCGGGCTAAGATGACGATGGTAAATATTCATAT CGCCAAAAATGAAGCCCGCTTGTTGAATGCTGTTAAGAAGCAGTTCACCGTTTAGCTCGCTACCGTGATGCGCCGCGACG TTCATGATAATCACCGCTTCTTTGCGCTTCGGTTTATCCATAACTGGAGCAGGTTCCGCTACAGGCTCAGGCTGTGGTGC GCATGTTGCGGCGGTACCTGCGCTTCAGGCGGCTGCTGGACCGGTTGACGCGCGCTGCGCAGACGCATAAGGCGGTTGGTA TCGCGGAACATAGAAGATCGTTCTTTACGGCTGGTCCAGAAACCATGTACCAGTAAAGCGATTATGGCGATCGCGCCAAC AATGATTAATATCAGACGCAAAATCCTGCATCATTATATTCTCTGTTGTTCTAACACCTTGCCACCACGGCAAACATTTAC TTTTGCTGTTTTTTCGAACATATCCTAACTGTCCATTGCGCAATTACCCGGTAAAATACGCAGAATTTTCCTGGGATTGG TTCTGGTGGCTCTTTACACAGCTCGATGTCTGGATCCCGACTCTCATGAGTTACGTTCCGGACTGGCTACAATGGCTGAG TTATCTGTTGTGGCCTCTGGCTGTCATCTCTGTGCTGTTAGTGTTTTGGCTATTTCTTCTCCACGATTGCTAACTGGATTG  $\tt CCGCTCCGTTTAACGGTTTATTGGCTGAACAACTGGAAGCACGATTGACTGGCGCTACACCGCCAGATACCGGGATTTTC$ GGTATCATGAAAGATGTGCCGCGAATCATGAAACGCGAATGGCAAAAATTTGCCTGGTATCTGCCGCGCGCAATTGTATT  ${\tt CCATCCAGTATTGCGATTACCCCTTCGATAACCACAAAGTGCCGTTTAAAGAGAGATGCGCACCGCCCTGCGCACACGCAAA}$ ATCACCAATATGCAGTTTTGGTGCTTTAACCAGCCTGTTTACGATGATCCCGCTGCTTAATCTGTTCATCATGCCCGTTGC  $\tt CGTTTGTGGCGCGATGTGGGTCGATTGCTATCGCGATAAACACGCGATGTGGCGGTAACAATCTACCGGTTATT$ TTGTAAACCGTTTGTGTGAAACAGGGGTGGCTTATGCCGCCCCTTATTCCATCTTGCATGTCATTATTTCCCTTCTGTAT ATAGATATGCTAAATCCTTACTTCCGCATATTCTCTGAGCGGGTATGCTACCTGTTGTATCCCAATTTCATACAGTTAAG GACAGGCCATGAGTAAGATTTTTGAAGATAACTCGCTGACTATCGGTCACACGCCGCTGGTTCGCCTGAATCGCATCGGT AACGGACGCATTCTGGCGAAGGTGGAATCTCGTAACCCCAGCTTCAGCGTTAAGTGCCGTATCGGTGCCAACATGATTTG GGATGCCGAAAAGCGCGCGTGCTGAAACCAGGCGTTGAACTGGTTGAACCGACCAGCGGTAATACCGGGATTGCACTGG CCTATGTAGCTGCCGCTCGCGGTTACAAACTCACCCTGACCATGCCAGAAACCATGAGTATTGAACGCCGCAAGCTGCTG  $\tt AAAGCGTTAGGTGCAAACCTGGTGCTGACGGAAGGTGCTAAAGGCATGAAAGGCGCAATCCAAAAAGCAGAAGAAATTGT$ CGCCAGCAATCCAGAGAAATACCTGCTGCTGCAACAATTCAGCAATCCGGCAAACCCTGAAATTCACGAAAAGACCACCG GTCAGCCGCTACATTAAAGGCACCAAAGGCAAGACCGATCTTATCTCTGTCGCCGTTGAGCCAACCGATTCTCCAGTTAT GAAGAAGGTATTCTTGCAGGTATCTCTTCTGGAGCAGCTGTTGCCGCGGCGTTGAAACTACAAGAAGATGAAAGCTTTAC CAACAAGAATATTGTGGTTATTCTACCATCATCGGGTGAGCGTTATTTAAGCACCGCATTGTTTGCCGATCTCTTCACTG AGAAAGAATTGCAACAGTAATGCCAGCTTGTTAAAAATGCGTAAAAAAGCACCTTTTTAGGTGCTTTTTTGTGGCCTGCT TCAAACTTTCGCCCCTCCTGGCATTGATTCAGCCTGTCGGAACTGGTATTTAACCAGACTAATTATTTTGATGCGCGAAA TTAATCGTTACAGGAAAAGCCAAAGCTGAATCGATTTATGATTTGGTTCAATTCTTCCTTTAGCGGCATAATGTTTAAT GACGTACGAAACGTCAGCGGTCAACACCCGCCAGCAATGGACTGTATTGCGCTCTTCGTGCGTCGCGTCTGTTAAAAACT GGCGCTAACAATACAGGCTAAAGTCGAACCGCCAGGCTAGACTTTAGTTCCACAACACTAAACCTATAAGTTGGGGAAAT ACAATGTTCCAGCAAGAAGTTACCATTACCGCTCCGAACGGTCTGCACACCCCCCCTGCTGCCCAGTTTGTAAAAGAAGC TAAGGGCTTCACTTCTGAAATTACTGTGACTTCCAACGGCAAAAGCCCAGCGCGAAAAGCCTGTTTAAACTGCAGACTC TGGGCCTGACTCAAGGTACCGTTGTGACTATCTCCGCAGAAGGCGAAGACGAGAAAGCGGTTGAACATCTGGTTAAA  $\tt CTGATGGCGGAACTCGAGTAATTTCCCGGGTTCTTTTAAAAATCAGTCACAAGTAAGGTAGGGTTATGATTTCAGGCATT$ TTAGCATCCCCGGGTATCGCTTTCGGTAAAGCTCTGCTTCTGAAAGAAGACGAAATTGTCATTGACCGGAAAAAAATTTC TGCCGACCAGGTTGATCAGGAAGTTGAACGTTTTCTGAGCGGTCGTGCCAAGGCATCAGCCCAGCTGGAAACGATCAAAA CGAAAGCTGGTGAAACGTTCGGTGAAGAAAAAGAAGCCATCTTTGAAGGGCATATTATGCTGCTCGAAGATGAGGAGCTG GAGCAGGAAATCATAGCCCTGATTAAAGATAAGCACATGACAGCTGACGCAGCTGCTCATGAAGTTATCGAAGGTCAGGC GCAACATCCTGGGCCTGAAGATTATCGACCTGAGCGCCATTCAGGATGAAGTCATTCTGGTTGCCGCTGACCTGACGCCG TCCGAAACCGCACAGCTGAACCTGAAGAAGGTGCTGGGTTTCATCACCGACGCGGGTGGCCGTACTTCCCACACCTCTAT GTGGCTTCTGAAAAAGCAGAGCTTGCTAAACTGAAAGATCTGCCAGCTATTACGCTGGACGGTCACCAGGTAGAAGTATG TCCTGTTCATGGACCGCGACGCACTGCCCACTGAAGAAGAACAGTTTGCTGCTTACAAAGCAGTGGCTGAAGCGTGTGGC TCGCAAGCGGTTATCGTTCGTACCATGGACATCGGCGGCGACAAAGAGCTGCCATACATGAACTTCCCGAAAGAAGAGAAA  ${\tt CCCGTTCCTCGGCTGCGCGCTATCCGTATCGCGATGGATCGTAGAGAGATCCTGCGCGGATCAGCTCCGCGCTATCCTGC}$ ATCGAAATCTACAAACAGGAACTGCGCGACGAAGGTAAAGCGTTTGACGAGTCAATTGAAATCGGCGTAATGGTGGAAAC  ${\tt ACCGGCTGCCGCAACAATTGCACGTCATTTAGCCAAAGAAGTTGATTTCTTTAGTATCGGCACCAATGATTTAACGCAGT}$ AAGCAAGTTATTGATGCTTCTCATGCTGAAGGCAAATGGACTGGCATGTGTGGTGAGCTTGCTGGCGATGAACGTGCTAC ACTTCTGTTGCTGGGGATGGGTCTGGACGAATTCTCTATGAGCGCCATTTCTATCCCGCGCATTAAGAAGATTATCCGTA AACAAGTTCATTGAAGAAAAAACAATCTGCTAATCCACGAGATGCGGCCCAATTTACTGCTTAGGAGAAGATCATGGGTT TGTTCGATAAACTGAAATCTCTGGTTTCCGACGACAAGAAGGATACCGGAACTATTGAGATCATTGCTCCGCTCTCTGGC GAGATCGTCAATATCGAAGACGTGCCGGATGTCGTTTTTGCGGAAAAAATCGTTGGTGATGGTATTGCTATCAAACCAAC ATAGCGGCGTTGAACTGTTCGTCCACTTCGGTATCGACACCGTTGAACTGAAAGGCGAAGGCTTCAAGCGTATTGCTGAA GAAGGTCAGCGCGTGAAAGTTGGCGATACTGTCATTGAATTTGATCTGCCGCTGCTGGAAGAGAAAGCCAAGTCTACCCT GACTCCGGTTGTTATCTCCAACATGGACGAAATCAAAGAACTGATCAAACTGTCCGGTAGCGTAACCGTGGGTGAAACCC  $\tt GTTTTTACCCGTGAATGGGAATGACATTCACGCTGTCGGCAGTGACCACCACACCTGCATCTCCTGATTTTCTTCATT$  $\tt CGCGGCAATTTTTACCGGTCAGGATTTCCAACTCAAAGATATTGGGGGTAATTCCCTGCGCCAGCGGCAGTAAATATTGT$ CGATACGCTTCGGGAAGGTCAGGTTTGACATAAATTCCGCTATCAATATCGCCAATCACCGGATCGACCATGATCAATAG GTCAGGATGGTCTTTGCGTAGCGCAGTCAGCCACTCGGCAAGGATTTTGATTTGCGATGCCGTTCCCATATAGCCCGTGG  ${\tt CCACCGTAGAAAGTGTCATAATGCGGCGTATTGCTCAGCAATACCGTCGGCACGGCAAAGACATTCAGGCCGTTCTGTTT}$ GATAGCAGGCACGCCATGCTGTTGCCCACGCTGCCGTAAACCACCTGCGACTGCACGGCGACGATATCCGCCTGCAGTG GAAACTTTACCTGATTCTGGCAGTCAAATCGGCTATCACAAAACAAGGATAAGGTAATTCAATGAAGAAAAATCATTTGTC TGGTCATTACACTACTAATGACACTCCCCGTTTACGCGAAGTTAACTGCCCATGAAGAAGCCCGCATCAACGCCATGCTG GAGGGATTAGCACAGAAAAAGGATTTGATATTTGTGCGCAACGGTGATGAACATACCTGCTATGAAGCGGTTTCTCATCT GCGTCTGAAGCTCGGCAATACCCGTAACCGCATTGACACTGCCGAGCAGTTTATTGATAAGGTTGCTTCGTCGTCATCGA TTACTGGGAAGCCGTATATTGTGAAGATCCCCGGTAAGAGCGATGAGAACGCACAGCCTTTTTTACATGCGTTAATTGCG CAGACGGATAAAACGGTGCCTGCGGAAGGAAATTAATCCGCTTTGGGAAGGCATTTACAGGAGGTAACATGAAAAAACGC TTTATTTATCACGATGAAAAATCGAATAAATTTTGGTGGATAGATTACGAAGGGGGATAGTTTAGCTGTCAACTATGGCAA  ${\tt CCGCAAAAATGAAGAAGGCTATCAAGAAGATCCAAAGTTTAACTTCATGGATCGCTACTATTTTGATGATGAAGAAATT}$ GGGTTACATGTTAAAACGTCACACCCAAACTTCCAGTGCCATTTTACTGATCCACTTTATATGTGTTGCTGGGATGAAGA ATCTCCTTTTGGCAGCGATGAAGGTGCTGATGCTCTAAACGTTCTTGAAAATAGCCTCCGTAAAGAGCCGGATCTGGACT GTGCTGATTTCCCTCAAATGTTAATTGAAACTATGTGGGGTATGAAATACATCGCTATGGACAGTATTCTTGAAGAGGAT GTTCGTGCGCAATTACTAGTCGATGAAATGAGCACTATCCAGAGCAATATGATTACCTACGCAACTGCATTCGGTCAGAT TAAAGTCATGGGTAAAATCTCCCATAAACTTAAAAAGATGGGACTCAATGCACTAGCGCGTCATCAGCTTACCGCAAAAA TAAATACTGCATTTGTCGGCAGCAACACTGTTAAAAAAGTGCGCTTTGTTTATGCCGGATGCGGCGTAAACGCCTTATC GTTTGTCATCAGTCTCCGATGCTATTAATCCTTAAATCCCCGCCCCCTGGCTAAAATGCTCTTCCCCAAACACCCCGGTA GAAAGGTAGCGATCGCCACGATGATCGCCACCACCACCGCGTCAGGGTTAGCTTTTGCCACCCGCAGTGCTCC GCTGATGAATATCCAGCACCTCATCCACCAGAGAAGCGTTGAAAATCCCCGGCAGATATTCCGTAGGCCAGCGGCGAATG  ${\tt CCGGGAATGCTGCCCTCTTCCGGTTGCAGGCCGACAATGGTCACCGGTTTGGATTGTTCGCGCATAAAGCGTGAGAC}$ TCCAGCGCCAGATCGCGCGCACCTTCCATGCCCTGCTCTTTGGTGACAAGAATCAGTTCCGCACCATAAGCACGCATCGC CGCACGGCGTTCCTGGCTCATGTTGTCGGGCATCAGCAATTTCATGCGATAGCCTTTCAGCGCGGCAATCATTGCCAGCG ATCGAAAGTGCCGCACGATCTTTCACCGAACCTGCCGGGTTATTGCCTTCCAGTTTTAACCACACTTCACTGCCGTTATC GGTGTTGCCTGATGCGACGCTTGCGCGTCTTATCAGGTCTACAGGTTACAAACCTTGCCATTAAAAAGCCCGGATCGCGG TACGCTCGTCGCCGTTATACAGCCGCGCATGTTGCAGACCAACGAATAAACGCTCGCCACGCTGCGGGGCATCGTCGCCA TGCATCACGACCGTCAGCGGTTCGTTGTACCACCCCAGCGGCTGCACCACTAATTGGGTGTAGTGACCTTTCGGGCTGGC TTCCAGTACCTGTACCGGCAGCGGCGAATCGAGGCTGGTACGGCGGCTGATATCCACTTCCCAAGGGCGCAGGAAGAGAT  ${\tt CCACCGGCCCTGATACGCAGGTGTGTAGCCCAGCGGCCAGCGATGCGCGCCAACATGGAACTGCCCGCCGCGAATGGTT}$ GGAAAGCTGCGCCGGATAACGATCCGCCAGATGGGCAAGCTGGACCATTTCCAGCAATTTTGTCACTTTCGCTTTGATGG ATGCCCGCTGGTTTGATGCTCCAGCCCGGCGATAATGCGCAGCAGCGTGGTTTTCCCGGAACCGGACGGCCCCAGCAACG ATCTCAATGCTCATGATGTTCCTCCTGCTGTGCGCGTTTTTCCTGATTCTCCAGGCGCCACTGCAACATACTTTTTAAAA A CAGGGTGATAAT CGCCAT CAGCGTTAACAGCGCCGCAGCGGTAAAGGAGCCGACGGTGTTGTAGTCCTGCTCCAGCAATTCAATCTGTAACGGCAGCGACAGGGTTTCGCCGCGAATCGAGCCGGAAACCACCGACACCGCCAAACTCGCCAATTGC GCGGGCGTTGGTCAACACCACGCCATAAAGCAGCGCCCAGCGGATGTTCGGTAATGTGACGCGACGGAACATCTGCCAGC  ACCGCCGAGCGGGCCGTTAGAGCCGTAGAACAGCAAATACACCAGACCGGCAACCACCGGCGATACGGCAAACGGAATGT TTTACCGGTACGGCAATCAGCGCGATCATCACCGTCAGCCAGATGGCGTGCAGCATGTCCGGATCGGCCAGATTCTGTAA TCCCGATGCCAATCAGAAACCATTTGCCCCAGTTAATCGGGCGCGCGTCATAACGCTTCAATTGGGTAACTTCCGCCATT AATGACCTACCACACGCCGACCAAAGCGACTTTGCAGAGTGTTAATTGAGAACAGCAGCAGCAGAGATGCCGCGAGGATC  ${\tt ACCGAAGCAATCGCGCTCGCTGCCGGGTAATCAAACTCCTGTAAGCGCACAAAAATCATCAGCGACGTCACTTCCGTCTT}$  $\tt CCAGCGCCGGAGAAAGCTCCGGCAGCACCACTTTGCAGAAACTCTGCCAGCGCGTTGCACCAAGCGTTTCCGCCGCTTCT$ TCATATTCCGGGCCTAACTCTTCCAGCACCGGCTGCACGGTACGCACCACAAACGGAATGCTGGTAAAGGCCATAGCCAC  ${\tt GCGAGGCCAGCGTTAAACCGGCGACAGCCGTTGGCAGCGCAAAGGGTAAATCCATCAGCGCATCAAGCAGCGTGCGGCCT}$
GGGAAGCGATAGCGGGTTAGGATCCACGCCATCAGCAGACCGAAAACGCCGTTAAAAATCGATGCCACAAACGCCGACAG GCATCACCAGCGGGAGAGCGGCAGCAAAATCAGGCACACAAACAGCAGACTGGTGCCGAGGCTTAAGGTAAAGCCC GGCAGCACGCGTCTGGAGGAGACACCAAACATCAGTTACGCCCCGCCGCTAACAGCTTGTCTAACTCGCCGCCGCTGGTG  ${\tt AAGTGGGTTTTCATCACTTCCGGCCAGGAGCCAAATTTGTCTTCCACGCGGAACAGCTCGGTCTGCGGGAATTTGTCTTT}$ AGTTCAGATAGGCTTTGGCGGCTTTTTCCGTACCGTTGGCCTGCACGTTTTTATCAACCCACGCCACCGGGAATTCCGCC AGAATGTTGGTTTTCGGAATCACCACTTCAAAGCCCTGCGCTTCATACTGTTTACGGATGTTGTTCACTTCCGATTCGAA GCTAATCAGCACATCGCCCAGGCCGCGCTCGGCAAAAGTGGTGGTCGCGCCACGACCGCCAGTATCGAACACTTCAACGT TTTTCAGGAACTGGGTCATAAACTGTTCGGTTTTGCCTTTGTCACCACCGTCAGCTTTATCCGCTGCGCCCCATGCCGCC ATCGTGGATATTCTTCGGGTTACCCTTACGCACCAGGAAGCCCATGGTGGAGTAGAACGGCGAGCTATTATTCGGCAGGC GCGACTGCCAGTCGGCCGGGATCAGCTTGCCTTTATCGTGCAGGATTTGTACGTCGGTCACCTGGTTATAAGTGACAACG GCCGTTATCTTTTGCCCATTGTTGCTCAAACGGCGGATTCAGGGCCGCAAACAGCTCGCGGGAGACGTCATAAGAACTGT GGACACGAACAGCGCGGAGAAACCGGAGCGTACACATAGTACGTGAGGATTTCGAGCACTGCCCGGGGCCAAAATGACAA ATAAAATAGCCTGGTGAACTTAGTTCAAGACGAAATCCTCCCCACAAATGCAGGGGAAACAGAGGTGAATCAGATACC GTTAACGCGAATACCAGACTGCGCGTACTCCACCGCCAGCGATTTTGTCAGGCCAACAATCGCCGCTTTCGTTAAGGCGT CATATCGAGGAAACTGCCCAGACGACAAACGCCTGCGTTATTCACCAGGATATCAATGCGCCCTTCTTTTTCCTTCGCGC GTTTGATAGCTGCGGCTACCGACGCCGGGTCACGCACATCGGCGACAACCGCCGTACAGCGATGACCACGACCACACAGT TCGTCCGCCAGCTTTTCGATCTCAGGGGAGATATCCAGCAAGATTAGGTTCGCGCCATGACGTGCAAAAGTTCTGGCAAT TCCTTCGCCAATTCCCTGCAATGCGCCCGTAATCAGTGCTGTCTTGCCCGTGAGTTTACCCATTTTAATGCTCTCCTTGT TAATACAGAGCGTTACACTCCATTCCCTCTGAAAATACAGGATAAACAAAATATTGCTGCGGATCAGCTCACTAATTCAG GAAAATCTCAATCCAGTCGCTGCTTTATGCATCATTTCAGGCGTTGTGTTAGCTCACTGCTGCGCTGAATCATTTTCAAT GACTCCACATCATTGAGTTGCACAAGGCCAACAACAGTAAATCGGTAACAGAATTTTGCGCCGTGCGGGTAGACATCGA AAGTAATGGCAATCACCGTTGCCCCCTGCTTTCGTGCCGCTTCTGCGCACAAGACAATCTCTTTTTTACTGCCGCTGTAA  GCGATAGCCAATTTTCATCAGTTTGAACGACAGATCGCGCCCCACCAGCGCCGATCCGCCCAGGCCCGTTATCTGGATAA TCTTTTTCGCGATTCAGTTTGCGCGCGATCACTTCCAGCGAATCACTGGTAATCGAACTGTGCAGGTGCAGTGCCGT GGCATTCGTTTTCTCCCGGCTGGCACTGTATTCGCCTATTAACGCCATACGCAATTCAGTAAATCCTTGCGCGCCGAGTT TTTGGGCAAATTTCACTATGCTCGACTGGCTAATGCCGAGCTGTTTCGCCATCTGCCGTGAAGAAACGGATTGCAGCTCA GTACAACATCTTCCACTCTCCTGGGCTGGCAGCATAAATTCCGCTTAAGTTCTTATGACGCTCTTCACACTCTGCGAGTG TAGACTCAATGATTCCTTTAAGCCTGTCAATTCGGGATATATGATTCCATACATCTGCAATTATTTGATCGTAAATAGTA AGGTCACCACCGATGCAATTTGAAAAGATGATTACTGAAGGCTCGAACACCGCCTCGGCTGAAATTGACCGCGTATCGAC GCTGGAAATGTGCCGGATTATCAACGATGAAGATAAAACCGTACCGCTTGCCGTTGAGCGCGTACTGCCGGATATCGCCG  $\tt CGGCGATCGATGTTATCCACGCCCAGGTAGCGGCGGCGGGGGGTCTGATTTACCTCGGTGCGGGAACATCCGGTCGTCTG$ ATATGCCATTCAGCACGCGGTGGAAGGCGCGGAAGATAGCCGGGAAGGCGGTGTTAATGATCTGAAAAATATTAATTTAA  $\tt CTCGGCTGCCGCACAGTGGGAATTTCCTGTAATCCGGGGAGCGCCGTTTCAACCACCGCTGAGTTTGCCATTACACCGAT$ TGTAGGTGCCGAAGTTGTTACCGGTTCTTCGCGGATGAAAGCAGGTACAGCGCAGAAACTGGTGCTCAATATGCTTTCCA  ${\tt CCGGGCTGATGATTAAATCCGGCAAAGTGTTCGGCAACCTGATGGTCGATGTGGTCGCCACCAACGAAAAACTGCATGTG}$ CTGTAAAACGGCCATTGTGATGGTGCTGAAAAATCTCGATGCCGCAGAAGCTAAAAAACGCCTGGATCAACACGGCGGCCT TTATTCGTCAGGTTTTAGACAAGGAATAACCCATGGCCAAAGAGATCAGCAGTGAACTTCTGAACACCATTCTTACCCGT GTCGGCGGACCGGGAAATATCGCCAGTTGTGGTAACTGTATGACGCGCCTGCGTCTGGGTGTACATGACAGTTCACTGGT TGATCCCAATATCAAAACGCTGGAAGGCGTGAAGGGCGTCATTTTGACCAGCGACCAGGTGCAGGTCGTTTTTGGGCCTG GTAAAGCGCATCGTGCCGCAAAAGCGATGAGCGAGCTGCTGGGAGAAGCACCGGTACAGGATGCCGCAGAAATCGCCGCC CAGAACAAACGTCAGTTAAAAGCCAAACAAACCTCCGGCGTGCAACAATTTCTCGCCAAATTCGCCACCATCTTCACGCC GCTGATCCCCGGTTTTATTGCCGCCGGTCTGCTGCTGCGGGATAGCGACGTTAATTGCCACGGTGATGCACGTTCCGGCAG CTTTAAGATTATCTGACAGCTCCCAGGCACCATCCACTTTGCCGCTTTTTTTATCGACGACATGAATAACGCGTGAGAAA TCCTGATCCGGGTCGAGAGGGATGGAGAACGTCAGCACCAGCGTGGCTCCACCATCAAGTTGGACTTCAGAGAGATCCAG  ${\tt CAATGTCAGCACCTTACCGGCACTCTGTTGGGCCAGTTTTTGTCTCCCGGCACGGAGGTTTTGCTGAACTCGCGTTTT}$ GCCAGCGCCAGCATTAGCATGCAGGCGGCTACGCGTAACTTTTTCATTTTTCATCCCTGCCACAATGGCCCGTTAGCAAC GTCGAATAATTATTATGCGTGAGAATTTACGTTATGTAATTCAGTATCACGCCCATACAATCCGAATTTTAGTGAGAATT GTGGCTCAGACAGCCAAATCAGCCTCTTTTGCTTGTCGCTTTTCACTAAACATCCGACAATTTAGCCTAACCCCGGCAAA AATGGAGATGCCTATGTCCACGACATGGTTTGTAGGAGCCGACTGGCTCGCCGAACATATTGATGACCCGGAAAATTCAGA TTATCGATGCCCGCATGGCGTCGCCTGGACAGGAGGATCGTAACGTTGCTCAGGAGTATCTGAATGGACATATTCCCGGC GCAGTGTTTTTGATATCGAAGCGCTTTCTGATCACACTTCCCCGCTTCCGCACATGCTGCCGCGCCCGGAAACGTTCGC GAGCATGGTGGATGCTGCGCACCTTTGGTGTAGAGAAAGTGTCGATTCTGGGGGGGTGGACTTGCAGGCTGGCAGCGCGAT GATCTGCTGTTAGAAGAAGGTGCAGTAGAGCTGCCGGAAGGAGTTTAACGCCGCGTTTAATCCTGAAGCCGTGGTGAA GAAGGCGAACTAAAAACGACCGATGAACTGGATGCGATATTTTTTTGGTCGCGGCGTCAGCTACGACAAACCAATTATCGT  ${\tt ACGGCGCATGGAGTGAATGGGGCGCGGGCAGATTTACCGGTTGAGCCAGTGAAATAAGTATTTTACAGGCAATAAAAA$ GTATTATCGACACCGGCCCTTTCCGCCGTGTTCGGTAATAAAATAACCTGGCTTATTAGTCCGAATTCAGACAAATATAA ATAAATCCTGCTCAAAATTAAAAATTCTAACCGGTAAAAGATATTACTTAAACATGTAAATTCACTTTCCTTTAAAAAAC AAAAAACCGCCAAAATCAGGCGGTTTTTTGTTGCTGGTCCGGTTCGCGGCCTTTCCAGCAGGTTGTATTACCGTAGTAAT GCAAGCGCGTCTCAGCGGAGACAATACTCGCCAGTAACTCTCTTTTTGTCAAGCAAAAGAGAGTTATTATTGTTCTGTTA GTGTATTATCCACTGCGGCCCTTTCCGCCGTCTCGCAAACGGGCGCTGGCTTTAGGAAAGGATGTTCCGTGGCCGTAAAT GCAGGTGTTTCACAGCGCTTGCTATCGCGGCAATATCGCCAGTGGTGCTGTCGTGATGCGGTCTTCGCATGGACCGCACA ATGAAGATACGGTGCTTTTGTATCGTACTTATTGTTTCTGGTGCGCTGTTAACCGAGGTAAATAATAACCGGAGTCTCTC ATTATCCGATTCTGTTTAAAGTCACGCAAAAAACCACCCCAGCGACGTTCATAGAATGGCGCAATATGTTCGGTAATAAA GTGGCTAATTCCTTTTTCCCCTTTTTTCACCTGACAAATATCGATTGGTTCATCGCCAGGTAATGTATCGGTCGCTACAC TTCCCGTCGCCTGAATAATTTCTTCGATATCACCATCGGCTTCAATGCCAATAAGTAAATTAGGCTGTGCCTCTTCGTTC TGGCGGCTCTGCGACTTCCGATAATATCAGCGATTCACCGCCTTCCAGGATTTCCTGGCTGCTCAGCGGATTTCCCTCTT AGTGTCATCTCAAACAGCGTGCGAACGGGCATTACGACAAATGCCTGTTCGTCTTCAACCGCCTGTTGAAGTGCTTCTAA CGAGGTGAAAAAAGGAATGACGCTGGTGCCGTCTTCTTTTTCCCAGTGCTGTAAATCAAGCGCGCTATCTTCAACCACAG GGCGCAAATGCCTGATGCGCTACGCTTATCAGGCCTACAAGGGATTCGCAATTTGTTGAATTTGCAGAATTTGTAGGCCG GATAAGGCGTTTACGCCGCATCCGGCATATTAGTTTACGCCGTTAACAGATTAGCTATCGTGCGCACACCAAGTCCCGTA  $\tt CTCAACAAAGTGCGACAGGAAGCCCGCCGCGTGCTCGCGCCTGCCGGATACGCCGCGCTTCCGGTATTGTTCAGTTCGG$ GCCAGCAAGCGACCGGCCAGCGCATCGTCAAAACTGAACAGCGCGTGATAATCATTACCCAGCGCAGTTTTCGCCGCCCC CTAATCAGGTTATCCGCACAGCAGAGGAACAGCTTCACGCGCTTGTTCAGTCCGCGCGTAATGGCAAATGCCAGCGCCCC GGTAACCGTTGCCGCGCCCCATGTCCGACTTCATCGAGTCCATAAACGCAGTCTGTTTGATGCTGTAGCCGCCGGAGT AATACCGGAGAACGTTCTGAACCGCGTCCGACTGTGTGCAGCCCCATATAACCTTGCTCACGCAGATCTTCGCCTTTGGT GATCCGATAAGTCACACGATCGCCCGCGACGTTGCTGATCAGATCAACAGCACGCTGTGCCAGTTGCGATGGTCCCAATT TCCAGATCCGGCCACACCACTTTACGCGTGCCTTTCGGGGCTTTGTAACCTTGCCAGAATGCCCAGCAGCGATCCGCATC  ${\tt CCAGCCTTCACCGCTTAACTGAACATGCTTGATGCCCAGACCGTCAATCTTGCGCGCCGCACGCTGGATCAGCCCCAGAT}$ GGTTGGGTAGAGAGGGTAATCTTCATCGCTTCTGTCATTTTAGTTATCCTTCTTTGTAAAAGGGCCGCCAGTTGGCAGCC AACAAAATCGCTTCGAGGATTTTCTCGTTGGATGCCTGCGGGTCGTCGTCGAAATCTTCCAGATCGCAAATCCACTGATG TCCACTTAAGTCCCATACTAACCTCTGTTAATGCTCACGCGCATGGTTGATAGTGTAACGCGGGGATTTCGACTACAAT GGCGTGTTCAATCTCGATACCGTTACGCAGAGCTGCGTCGAGAATGGTTTCACCGCTATTAGCTTCCAGAACAGCGCCAT TTTTACGTCCTGCTCGGCATAGCTCATTGAGTCTTTGATCATCGAAGCGATTTCGCTATCGGTCAGACCGTAAGACGGTT TGACCTGAATAGACGCCTCAACGCCGGTGGATTTCTCCATCGCCGTCACGCTCAAAAGACCGTCGGCATCGACCTGGAAC GTCACGCGAATATGCGCACCGCCAGCCGGTAGCGCCGGAATACCACGCAGCGCAAAACGCGCCAGTGAGCGGCAGTCCTG GGGCCACCGGAATAGTGGTATTACGCGGAATCACTTTCTCCACCAGGCCGCCCATCGTTTCGAGGCCCAGCGACAGTGGG ATCACATCAAGCAACAGCATTTCGCTGTCTGGCTTGTTACCCACCAGAATATCCGCCTGAATCGCCGCGCCAATAGCGAC GACTTTATCCGGGTCGATGGAAGTCAGCGGTGGACGACCGAAAAATTCGCCTACCCGTTCACGCACCAGCGGCACGCGAG TAGAACCGCCCACCATCACCACTTCCAGCACTTCATCAGCTTCTACACCCGCGTCTTTCAGCGCGCGACGACAAGCCAGT AAGGTTCGTTTTACCAGTGGCGCGATCAGTTCATTGAATTGTTCACGGCTGATTTCGCCCTGCCAGCCCGCAACGTTAAC GGTCACGGAGTCCGCATCGCTCAGCGCGATTTTGGCTGCAATGGCGGCATCCAGCAGTTCACGCTGAACGCGGTTATCGC TACGATCAGGAATGCCCGCCTGCTCGCGAATGTAATCCGCCAGCAGATGGTCGAAATCATCGCCGCCGAGCGCGGAATCA CGTGAAGGCCCGCCAGACGCCGCCGTCTTTGGTGCCCTGACGCTGGCCATCGTCAAAGTACGCCGGAACGGTGATAACT GTTCAGCAGCCCCGCCGCCGTTTCAATCATCGGCAGGCCGTTTTCGCTGGCCTGGAATTGATAAGGCAGATGCGGATAGC GTTGCTGGATATCAGCCAGCGAGCGTCCCATCAGGCGTTTAACAGAACTAATTGTGTTGGCGGTATCGAGCGCTGCATTA GTACGCGCGTCATAACCCACCGAATGCCCTTGCTGTTGATAGTGAACAACAGATGGCAGCAGGTGACGGCCTTCATGATC GACGCTGATGCGGCGCACCAAACCAGGTTCACTAATTTGTAATAAGGCCATGTTTAGCTTCCAGAAATTAAAAATC GAGCAGTTTTTCTTCGAGTTGTTCGGCACTGCTTCGCAGTTTATCGAGAAAACGCAGCTTACGCACGGTATCCGCCGCCG  $\tt CTTTCCAGCCGCGCTTCATCTTTCGCCTGTTCGATCTCGTCCAGCTCTTCGCGCAGCTCCAACTGTTCCATCAGGAACGC$ GGTGTCGCGCACAGTATGCTGCTCGCTGGCGAGATCAAAGCCGTGCAAAGAAGCAAATATTCCGCGCGCATTAACGGAT GACGCAGCGTTTGCCAGGCCTGGTTAATGGTTGCAGATTGCTGTACGGCGGCGAGTTGTTCCGCCTGGCTTCCGCTGGCG AATTTATCAGGATGATACTGACGTTGTAGATCCTGAAAACGCAGGCTCAGCGCCTGGGTATCGAGTTGATAGCGGGCAGG CAAGCCAAAGAGGGTGAAGTAATCCATAACATTCTCAGGGCTGCGATCCGCCGCGATAACGGCGAATCAGGTAAAACAAA  $\tt CCCCACGCGCAGGCGACCACGGTGGGGTTATCGGTATGCGCATCAAACGTGGAAGCTTTCGCCGCAACCACACTCATCTT$ TGACGTTCGGGTTGGTGAATTTAAACCCTTCGTTCAGGCCTTCTTTTACGAAGTCCAGCTGCGTACCGTCCAGAAATTGC AGGTATTTACTCGCGCTGCTGCACTGTCGCTCAGTGTAATCGACATAACCAAACCTCAACTCTTATTTTGCTTCACGTTT GCTTTTATAGTCCGCAATGGCGGCTTTGATCGCGTCTTCTGCCAGAATAGAACAGTGAATTTTCACCGGCGGCAGTTCAA GTTCTTCAGCAATATCGGTGTTTTTGATCGCCTGCGCTTCGTCGAGAGACTTCCCTTTCACCCATTCGGTGACCAGGGAG  $\tt CTGGAAGCGGAACCGCAGCCGTAAGTTTTAAAACGCGCGTCTTCAATGATACCTTCATCGTTGACTTTAATCTG$ CGTTACGCGGATTCTCGTAATGGTCGATAACTTTTTCGCTGTAAGCCATTATAAATTCTCCTGATTCCGATACCGATTAA TGATGAGCCCATTCGATGCTGTTCAGATCCACGCCCTGCTTGTACATTTCCCACAGCGGAGAAAGGTCACGCAGACGACGACC GATGGATTTACGAACTAACTCGATGGTGTAGTCGATCTCTTCTTCAGTAGTAAAACGACCTAAAGAGAAACGGATAGAGC  ${\tt TATGTGCCAGCTCGTTCAGCCCCCAGCGCGCGCAGCACGTAGGACGTTCGAGGCTTGCTGACGTACAGGCGGAACCT}$ GAAGAAACTGCGAGGTCTTTCAGCGCCATAATCAGCGACTCACCTTCAACGTAGTTGAAGCTGACGTTGAGAATGTTCGG GCAGACGTTCCATCTCGGTCGCCATCTCTTTTTGCGATGCGATAGGCCTCGCCCATTCCGACGATCTGGTGAACAGGC AGAGTGCCGGAACGCATACCGCGCTCGTGACCGCCGCCGTGCATTTGCGCTTCGATGCGTACGCGCGGTTTACGACGTAC ATACAGCGCACCGATACCTTTCGGGCCATAGATTTTGTGACCGGAGAAAGACATCAGGTCAACTTTCAACTGGCTCAGGT GCGATATCCTGCACCACGCCGATTTCGTTATTTACGTGCATGATGGACACGAGGATGGTGTCGTCACGCATCGCTGCTTC AGGTATCCAGTACCGCTTTGTGTTCGGTTTTGCTGGTGATGATGTGCTTGCCTTTTTTCTGATAAAAGTTGGCTGCACCTTTGATCGCCAGGTTGTCAGATTCGGTTGCACCAGAGGTAAAGACGATTTCACGCGGATCAGCCCGACCAGATCGGCAAT CGTCCATCGTCATAAACTGCATCATTTTCTCGGCAACACGCGGGTCCACCGGCGTGGTTGCGGAGTAGTCGAGATAAATC GGTAATTTCATTGCTCTATAAACTCCGTACATCACTCAATGCAAGGAATCAGGCTACCGGCTGGATGTACGACCGTGTTT
GGGTGCGTGGCGTCGTGAGTATGCTGACGACCAGACACATCCAGCACTTCCTGGTTATTAACCAGTTCGCCTAAAGTA ATGTTGTTGAGAAAACCGGTGAGACGGTCGCTCAAATCACGCCACAGCGCGTGGGTCAGGCATTTATCGCCGCCCTGGCA GCCGCCTTTACCCTGACAACGGGTGGCATCTACAGATTCGTCAACGGCGCTAATTACTTCGCCAACGGCGATGCTGCTGG CATCTTTGCCTAACAGATAACCACCGCCTGGTCCACGTACGCTGGAAACCAGACCATTTTTACGCAGACGGGAAAACAGT TGTTCCAGATAAGAAAGGGAAATTCCCTGACGTTCGGAAATATCAGCCAACGGTACCGGGCCCGCTTCAGAGTTGAGCGC AACGTCAAGCATTGCGGTCACGGCATAGCGCCCTTTAGATGTCAGTCTCATGTCTTACTTCACCTCAAACTCGCCCCTGC  $\tt CCGGGGTTTTTTATTGTAAAAGTGGGGGTATTGCATAGCAGGGTCAAGTCTGACATTCCCGAGTAAATTGGTCAACTATT$ TACTTGACTGATTTAGTCGGGTATTTAACCTTCAGTGCCATTTTTTTATCGTGGCGTTTGTACCTGTTGTCGGATGCGGC GTGAACGCCATATCCGCCCTGGGGTTCTGTACACTGTAGGCCTGATAAGACGCATTACGCGTCGCATCAGGCAACGGCTG TCGGATGCGGCGTGAACGCCTTATCCGACCTACGGTTCTGTTCACTGTAGGCCTGATAAGACGCATTACGCGTCGCATCA GGCAACGGCTGTCGGATGCGGCGTGAACGCCTTATCCGACCTACGGTTCTGTTCACTGTAGGCCTGATAAGACGCATTAC GCGTCGCATCAGGCAACGGCTGTTATTCGGCCTTGTTACCTTTATTCTGCTGCTCAATAGAAGCCAGAATCCCGCGCAGG ACGGATAAAACCGGTTGCCAGCAGCGTTTGTTCCAGATGACCATAAAAACGCTCCAGATCATCGACCAGCGGATACGGCG  ${\tt GCCATCGCCAGGTTCAGCGAGCTGTATTCCGGGTTAGCCGCAATCGCGACATGATAATGGCATTTCTGCAACTCTTCATT}$ GGTCAAGCCGACGCGCTCGCGACCAAACACCAGCGCCACCGGGGTATTTGCCGCTTCAGCGACGCTTTTCAGGCCGCATT TTTCACCAGTGGATTAACCAGCCACAGATTGGTTAATCCCATTGTTTTCATGGCACGGGCAACAGAACCCATATTGCCGG GATGCATCCGATGCTGAACATCGCCGTGCGCGCAGCGCGCAAGGCCGGTAATTTAATTGCCAAAAACTATGAAACCCCGG ACGCTGTAGAAGCGAGCCAGAAAGGCAGTAACGATTTCGTGACCAACGTAGATAAAGCTGCCGAAGCGGTGATTATCGAC AGCAAAACAGTACGCCACTACCTACATCAACATCGTCGGCAAACTGTTCAACGAATGTGCAGACTTCCGTCGTACCGGTT GCCGCAGGCGAGCTGCTGGTTCGTGAAGCGGGCGGCATCGTCAGCGACTTCACCGGTGGTCATAACTACATGCTGACCGG TAACATCGTTGCTGGTAACCCGCGCGTTGTTAAAGCCATGCTGGCGAACATGCGTGACGAGTTAAGCGACGCTCTGAAGC GTTAATGACTCAGGCGGGTGATATCACTCACCCGCCCTCGCCTTTCAGGCGCTATTCCGAAATACTTCCTCACTGCTTTA TCAACTTCTTCTATTATCCCGACGATAAAATTTACGGTCCCGATCCCTGGTCGGCGGAATCCGTCGAATTTACGGCTAAG TCACGGCAATGCCGGAAATATGTCCGCCCACTGGCCGCTGGTCAGTTGGTTACCCGAGCGTAATTTCAACGTTTTTATGT TTGATTATCGCGGGTTTGGTAAATCAAAAGGCACGCCGTCCCAGGCCGGATTGCTGGACGATACGCAAAGTGCCATCAAT GTGGTGCGCCATCGCAGTGATGTAAACCCACAACGTCTGGTGCTGTTCGGGCAGAGTATTGGCGGGGCGAATATTCTGGA TGTTATTGGTCGGGGTGATCGTGAAGGCATACGTGCGGTGATCCTCGACTCCACATTTGCCTCTTATGCAACCATCGCCA ACCAAATGATCCCCGGCAGTGGCTACTTACTTGATGAGAGTTACAGCGGCGAAAATTATATCGCCAGCGTCAGCCCGATC  $\tt CCGCTTTTACTCACTGGTAAAGCTGATCACGTTATCCCATGGCACAGCGAAAAGTTGTATAGCCTGGCAAAAGA$  AGATGGTGGACTTTATCCTTAGCGCGTTGAATCCGCAGAACTAACCCATGATCGCTAGCACGATAATCATTCACAAAACC ACCTTAAGACATGCTAATCCACTGGTCAGAACAGTTTAAGATGAGAAAAATTCTGTGACGCTTGCCAACATTTCTGATGA TTAGCATTCCCTTCGCCATTTCCTTGAGCAAACTTTAGCTATTCTTATCAATTATGCTTATGGGAGATCTACAGATGATG  $\tt CCTACGCTTGCTCCACCATCTGTCCTTTCGGCTCCCCAGCGCCGCTGCCAGATCTTGCTGACGCTCTTTCAGCCGGGGTT$ GGGAGATCCTGCGCTATCATCACCTCACACTGACGACTGGTTATGACGGTAGCTACCGGGTTGAAGGTACAGTGCTTAAC CAACGTTTGTGTTTATTTCACTGGCTACGACGTGGTTTCCGTCTGTGTCCGTCATTTATTACCAGCCAATTCACCCCCGC  ${\tt CCTGAAGAGTGAACTGAAGCGGCGCGAATTGCGCGTAACTTTTACGACGATACCAATCTACAAGCGTTAGTGAATCTCT}$ GCTCCCGACGCTGCAAAAACGCTTTGAATCGCGCGATATTCATTTCCTGTGTCTGTATCTGCAATATTGTTTGCTGCAG GGAAATTGGACGCCACTGGCAGCGTCGGGCGCTCCAGCCTGTACCACCTGATGAGCCACTGTTTATGGCACTACTTTTTT GGCGTTAAATCGCAGTTTGTTTGCCATCGGTATTGATAATACCCTGCCGGAAGAGTTCGCCAGACTGTACCCACGCCTGG  $\tt TGCGCACCACCGCGCGCGCTGGCCGGATTTGAAAGTGAATACGGCGTCCATCTTTCTGATGAGGAAAGTGGTCTGGTC$ GCGGTGATTTTCGGTGCCTGGCTAATGCAGGAAAACGATCTGCATGAAAAACAGATTATTCTTCTTACCGGGAATGATAG CGAGCGAGAAGCGCAGATTGAGCAGCAGTTACGCGAACTAACGTTACTGCCGCTCAACATTAAGCATATGTCGGTAAAGG AGGAAACCGGCGAAAACGGTCATGATAGCGATACTGCCGCCCATCGCGACGGCAGAGTAAACCGCCTGTAAACGGATGAC TTCGCTACCCTGGCGAGCAGCAATATAACGCATGGCGGCCAGGTGGCAGACCGTGAAGGTGCCGCAATGCAGAATTTGCA CCACTATCAACCACGCCAACGCCGTAGTTGCTCCCATAATGCCCCAGCGCACTACGCCGCAAATCGCCGAGATCAACAGC CAGCGCGAGGATCACCCGATAATCAAACATAGTGACCAGTTTGCCCGTCAGCGCCGAGCCAATGACAAACGCCACCGAGC  $\tt CCCACAGTCGCACTTTGCCGTAATCAAGCGGGAACTGCTTTTGCCACGTATTCGCCAGTGCATCGGTCAACGGTACCAGT$ GGTGAGAAAAGAGGTTAAAGCCAATCATCACCAGCATCAGCCACGCTACGTGCGCCCCGCCCAGAAGGCGACAGCAAA GAGAAGTGTCAGCAGTGCCAGCACGCGCAAGGCGGAAATCAGGCGGGAAGGATCGCTGACGCGGGGCCGCGATGAGCAAAC TCCCGAGGAAACGGCCAACCAGACCTGCCCCCAATAACAGGCCGATGGTTTCTGGCGTTAAACCAATCCCTTTAAGCCAG  ${\tt ACGCTCCAGAAAGGTAGAAAAATGCCGTAACTAAAAAAGTATGTGAAATAGCCGAGCGCCAACCAGCGCGTGGATTGCAA}$ AACCATGAGTCCCTCCCGTCAGGAGGCGTTAGTCTGGGGTTAATCGAATGTTGGTGCAAGTTGAAAAATAAGAATATTCG AGCCTGCTTCCCGATGTCTGTAACGCCAGTTCACAAGCACTAAAAAACTGAGATCCGCGACGCATGTTGCAAAAAATAATG CGTAATTATGCCGTTACGCTTGCCAAACGTTCCTGCACAATGGCGATGAAATCGCGTAATGCCGGCTTCATCTCCCCTTT  $\tt CTTCCACGCCATCAGTAAAGCAATGGAAGGCACATTTCCGGCAATGGGACGAAAAACAACCTGTCCGGTATTAAAATTAT$ TCATATAACCGGGTATCAAAGTGACGCCCAGCCCCATGCCCACCAGATTCATGGTCACCAGAATATTCGTTGCCACCTGG  ${\tt ACTGACGAAATTCACGCCATCCAGTTGCGCGGCGGTGATCTCTTTTTCATGTGCTAAAGGGTGATCAACCGGTAACACAA}$  $\tt GCCGTCAACGCGACTTTGCGCTTATCCCTCACCAGTAACGGAACACCGACACAGTTTTCAAGATCGCGGATCTGGCTGCT$ TAACGAAGGCTGTGAGGTATGCAGTTTTTCCGCCGCACGGGTAAAGTTCAGTGCCTGCGCCACTGCGACGAAATAGCGTA AATGCCGTAGTTCCATCACCTTCCCCTTGTTATCGAAAAAACGTCTCAGCTGGTAGAAATTAACTATTTCACATATTAGC AACCAACCAGCAACATCCTTATGGCACAAAAATAGAAGGTCAATACATCTTATCTTTCAGGATTAAAAAATATGACCACA  ${\tt CCCTCAGATTTGAACATTTACCAACTGATTGACACCCAAAATGGTCGGGTCACTCCGCGTATTTATACCGACCCGGATAT}$ TTACCAACTGGAGCTTGAGCGTATTTTCGGTCGTTGCTGGCTATTTCTCGCCCACGAAAGCCAGATCCCAAAACCCGGTG ATTTCTTTAACACCTACATGGGAGAAGATGCGGTTGTCGTAGTGCGTCAGAAAGACGGCAGCATCAAGGCGTTTCTCAAC CAATGCCGCCACCGGGCCATGCGTGTGAGTTATGCAGATTGCGGCAACACTCGCGCCCTTTACCTGCCCGTATCACGGCTG GTCTTATGGCATTAACGGCGAGTTGATCGATGTACCGCTGGAACCTCGCGCCTACCCACAAGGGTTGTGTAAATCCCACT GGGGACTAAACGAAGTTCCTTGTGTGGAGAGTTATAAAGGGCTAATTTTTTGGCAACTGGGATACCAGCGCACCGGGCCTG CGTGATTACCTGGGTGACATTGCCTGGTATCTGGATGGCATGCTGGATCGTCGCGAAGGCGGCACCGAAATTGTCGGCGG CGTACAAAAGTGGGTGATCAACTGTAACTGGAAATTCCCGGCAGAGCAGTTCGCCAGTGACCAGTATCATGCTCTGTTCA GGATGCTAATGTCTGGGTCGATGGCGCAGTTTCAAGCTATTACCGCGAAACCTATGCCGAAGCAGAACAACGTTTAGGTG AAGTTCGCGCCCTGCGCTGGCGGGTCATAACAATATTTTCCCCACGCTTTCATGGCTAAACGGCACTGCCACACTCCGC GTCTGGCATCCGCGCGCCCTGATCAAGTTGAAGTGTGGGCGTTCTGTATTACTGACAAAGCCGCCTCCGATGAAGTTAA AGCCGCTTTTGAAAACAGCGCCACTCGTGCTTTTGGTCCTGCTGGTTTTCTCGAGCAGGATGACTCGGAGAACTGGTGTG CGCGACGACGCATTCCTGGCATTACTAACTATATCTTTTCAGAAACTGCCGCTCGTGGAATGTACCAACGCTGGGCCGA TCTTCTGAGTAGCGAAAGCTGGCAGGAAGTGCTCGATAAAACCGCCGCTTACCAGCAGGAGGTGATGAAATGAGTGCGCA AGTTTCACTAGAGTTACATCACCGCATTAGCCAGTTTCTCTTTCACGAAGCCAGCTTACTGGACGACTGGAAATTTCGTG ACTGGCTGGCGCAGCTCGACGAAGAGTTCGTTACACCATGCGCACCACAGTTAACGCGCAAACACGCGACCGCCGCAAA CATGGCCTGGGCAGAAGAGCCGCCGTCACCCGTCACTTAATCAGCAACTGCCAGATAAGCGAAACCGACATCCCAA  ${\tt TTCGACAAGTTCGCCGTCTGGAAGATGACAACTGGCGCTTGCTGGAACGGGATATCGTCCTGGATCAAGCGGTAATCAC}$ TTCCCATAACCTGAGTGTACTGTTCTGATGAATCGAATTTATGCGTGTCCCGTTGCGGATGTGCCGGAGGGTGAGGCTCT GTAATGCGTCAATGTCAGAAGGGTATCTGGAAGATGACGCCACGGTGGAGTGCCCGCTACACGCCGCCAGTTTTTGCCTG  $\tt AAAACGGGGAAAGCGTTATGCCTGCCCGCCACCGATCCGCTCACCACTTATCCAGTACACGTTGAAGGTGGTGACATTTT$ TGCGTCAGCGATTTGGCGAACATATTCTGGCGGTGGAAGGTAACGTGACCTGTTATGCCGATTATCAACGCGCGGTCGAT  $\tt CAGATCCTGACTCGGCAAGCTGGATTGTTTTATCGGCAATGCAGGCATCTGGGATCACAATGCCTCACTGGTTAA$ TACTCCCGCAGAGACGCTCGAAACCGGCTTCCACGAGCTGTTTAACGTCAATGTTCTCGGTTACCTGCTGGGCGCAAAAG GGCCCGCTGTACACCGCCAGTAAACATGCCGCAACCGGACTTATTCGCCAACTGGCTTATGAACTGGCACCGAAAGTGCG GGTGAATGGCGTCGGCCCGTGTGGTATGGCCAGCGACCTGCGCGGCCCACAGGCGCTCGGGCAAAGTGAAACCTCGATAA TGCAGTCTCTGACGCCGGAGAAAATTGCCGCCATTTTACCGCTGCAATTTTTCCCGCAACCGGCGGATTTTACGGGGCCG TATGTGATGTTGACATCGCGGCGCAATAATCGCGCATTAAGCGGTGTGATGATCAACGCTGATGCGGGTTTAGCGATTCG GGCAAGCGGCGCAATGGCTGCGGCCTCGCTACGCCAGCAAGGGTTCACCGGTGAGCTGCATCTGTTTTCCGATGAGCGA CATCTTCCTTATGAACGACCTCCACTCTCGAAATCCATGTTGCTGGAAGATTCCCCGCAGTTACAGCAGGTGTTACCCGC TAACTGGTGGCAGGAAAACAATGTTCATCTGCATTCCGGTGTAACCATCAAAACGCTGGGTCGCGACACACGAGAGTTAG GATGCACTGGGAGAACGCTGCTTTACCCTACGCCATGCCGGTGATGCCGCCAGACTGCGAGAAGTTCTGCAGCCCGAACG TGATTGAACTGGCGCAACCGTCATGGGCCGTAATGCACCACCGCCCGTGCAACGCTATCTTTTACAGCGCCACCAGCAG GCTGGTGTGCGCATTCTGCTCAATAATGCCATTGAACATGTGGTCGATGGTGAAAAAGTAGAACTGACGCTGCAAAGTGG GGAAACGCTTCAGGCTGATGTGGTGATTTACGGTATTGGTATCAGCGCCAACGAGCAACTGGCTCGCGAGGCCAACCTTG ATACTGCCAATGGCATTGTCATTGATGAGGCTTGCCGCACCTGCGATCCCGCGATCTTTGCCGGTGGCGATGTGGCAATC AATGTTAGGGCTACCGCTACTGCCGCCGCCGTGGTTCTGGAGCGATCAGTGATAACTTACAGTTTATTG GTGCTTATCGGTGCGGTCACGCTGAATCAGGGGCCTGAGATTCGCCCAATTCGCAAATGGATCCAGAGCCGCAAAACGTT TGATGCGAAACTGCTGATAGATGAGAACATCGCGCTTAAATCACTGTAACCAGGATAATTAGCGAATATCTCAATGCCTG  $\tt GGGCGTGGCGAGGTGCAAGAGTGTGTATTACGTTTAAATCACATTATCTTGCAAAGGGATTGGTTATGAACACACTACGT$ TATTTTGATTTTGGAGCTGCCCGCCCCGTTTTGTTATTAATTGCCCGTATCGCCGTGGTCTTAATTTTCATTATTTTTGG TTTTCCCAAAATGATGGGCTTTGACGGTACGGTCCAATATATGGCCTCGTTGGGCGCGCCAATGCCGATGCTGGCAGCGA TTATTGCGGTAGTTATGGAAGTGCCCGCCGCGATATTAATCGTGCTTTGCTTTTTCACCCGTCCGCTGGCGGTGCTGTTT ATTTTCTACACGCTGGGTACGGCGGTGATTGGTCACCATTACTGGGATATGACCGGCGATGCGGTTGGGCCAAATATGAT TAATTTCTGGAAGAATGTCAGTATCGCTGGCGCGTTCTTGCTATTGGCAATTACCGGGCCGGGGGCAATTTCTCTCGATC GGCGTTAGGAAAGATGCCGGATGCGGCGTGAACGCCTTATCCGGCATTTAATAAATTACAGCCACTCTACCCGCAACGAC ATCTCTGAAGTTGTTGATTCCCCTGGTGCTAGCGCAATGAGATCACCCCCTTCCGGGCGATGATGATCATCCGGCGCATG GCTCATCGGTTCCAGACAGAAGAAATCAAACGCATATCCTTTATCAAACGCAGGGTCGGAAACAAAGATGAAATAACACG  $\tt
AAACCATTGTTCACCCACTGGCGCGCAACGGCGCGGGCTGGTTAAAATCCAGTTCCTGCGGTAGCTGCTCGCAAAACTCAGTTCCTGCGGTAGCTGCTCGCAAAACTCAGTTCCTGCGGTAGCTGCTCGCAAAACTCAGTTCCTGCGGTAGCTGCTCGCAAAACTCAGTTCCTGCGGTAGCTGCTCGCAAAACTCAGTTCAG$  ${\tt ACCCGCCAGCCACTGCTCCCGCTCCAGCCAGTAACCGCTCGCCTGTGCCTGAATCCGCGTTTGCGGCGACAACGGAAAAT}$  ${\tt AAGGATGCCAGCCGTACCAAATGGCAGCGTCTCTGCCCCTTGATTGGTGACAGAGAGCGTCACCGTCAGCGTATCCGCC}$ GTTAAATGAAACGCCTGACTTACCCGATAGTGATAGACACCGCTGCGATGTTCATACACCAGACACAAACTATCATCGCT GTGCGAGACACATTGCCACTCGCCCAGCCAGCCATCGCCGTGTAGATAGTGCGCATCCCACTCAACATTCGGTTGCAGTT GATACTCACGCCCCTGCCAGACAAAACGATTGCCGCTCACCCGGTTTGCAAATGGCACCAGCGGAAAACATGAGGCATCG GTTGCCACACCGCTTTTTTTACCAGGACGTAAGAGCGGCGTCGTATCGCGCCAGAAGCCTTCGATTACGCCGCCCTGGTC AGAAACGTCCAGCTTTAGCGACCCGTGGGATAAGGTATAGATGGTCATCCGCTAACTCCTTAATCCGGGAAGTTAATCAC TACGCGGCCACAGCTTCCAGTCCGTCAGATCATGGGCGCATTTTTTCCATATGGAACAGACTGGTCACCCAGGAGCCGATA ATCCGCCGTTGATGGTGCATCAGATCGGCGCTGACCTCGAATTCCACTTTTCCGGTTTCACCAATGTAAACCACCCGTCC  $\tt CCAGTCAGCGGTGGATTGCAGTGCCAGCAAGCGACCTGCGGCATTACCGGAACATCGAGCGCAACATCCGCGCCACCGT$ GGGTGAGTTCGGCGATAATCTGCGGCAGACCTTCGGTGGTTGCTAAATAGCCGTGATCCATCACCCCTAACTGTTTTGCC ATCGCCAGACGTTCCGGCAGCATATCAACGCCGATGATCCGTTTTGCACCGCGACCTTTCGCCAGCATCATCGCCATCAT GCCGACTGGCCCCAGACCGACCACCACCACCTTATCACTGCCGGAAACTTCGCCGCGCAAAATTCCTTCATACGCTGTAC AAGTATTCGGCATGACCGCCGTCACGCTGCCAGCCGTAAGCCGCTTTTCCTTCGCCAGTACAAGAAATAGGAAAAACCGCG  ${\tt ACGGCAGTTCGGGCAAAAACCACAGCCAGAAATGTGATACACCAGCACGCGGTCGCCCTCTTTAAAATGGCGGCAGCCTT}$ GCCCCATCGCCACAATCTGCCCGCACGGTTCATGACCGTTGATAAAGCCCTGGTATAACGGTTTATCGGGTGCCGCCGCT GTGGCACGGTGTTGATGATAGATATAGTGGACATCGCTTCCGCAAATCCCGGAGGATTTCATTTTGATCAGTACCTGGTT AATCCCCGGCGTCGGCACCGCAACTTCCCGCAGATCGACGTCGAATTTCCTGGTAAATAAGCTGCCAGCATCGTTTTCA TAAATCCCTCATTAACAATACGATTAATTTTCATCCCTGCCGCACCCGCGCCAGGGGGCGTTAAGGTTTAGCGTTTCGCTT TACTGCTTCGCTGGGTCAGCAAGATATTCGCCAGCACCGCCACCACGATGATGACGCCGCGTACCACCTGCTGGAAAAAG GAGTTAATACCGAGCACCAGACCGTTACCGATTAGCGTAATCACCAGCACACCAAGCAATGTACCGAACAGGAACA GCGACCGCCGGAAAGTGCCGTACCGCCGACCACGACCGCGGCGATGACGTCAAACTCCAGACCGTTTGCGGCACCTGCGT TACCAGAACCGAGGCGCCGCCAACAAAATGCCGGTCACCGCCGCTAATAATCCCGAAAGGGTAAAGATAAGAATGCGC TTTGCGGCTGATGAACACAACAGCGCAAACAACACATCATGATCAGCGCGGATACCGGCACACCGAGAAATTGTCCGC GCCTAACAGCAACACCAGCAGGCACGCCACCGCCAGCGGAACTTCAAATTGCAGCAAAAATGCCAGGCACACCGAGACAA AAGCCACCATCGGCCCAACGCTGACATCAATTTCACCGGAGATAATAATCAGCGTCATCGCCCAGGCGGCAATCCCAATG GTGGCGGCATCGCGCACGTTCATCTGGTTATTCAATGAGATAAAGCCAGGCGCGTTCAGGGAGAAGACCAGATAAAG AATGGCAATCACCACCAGCAAACCGATCTCATTAATATGGCGACTGACAAATTGTTTGAGCGAGACGCTCTTGCCCTGCG TCATCCACATTGACCGGAGCGTGAAACTCCTGCGAGAACGTGCCGTGCTGTAATAACAGGATGCGGTCACACACCAGCGG ACCACTTTTTGCTGATTGCCACCAGAAAGCGTGCCGATGGGTGTTTTCGCTACTGGCGGCCTTGACCGTCATCCGCTGCAT TATTTTCGTCAACGCCCAACCAGGGAATGATCCCCGCTTCTTTGCGGTTTTCTGGCGTATAGCCAATGCCGCGTTTCAGC ATGTCGCCGTAATCGGGGCGCGTGATTTTCTCGCCGTTGATAACAATTTCGCCCTGTTCATACTCCTCCAGCCCAACAAT CGCCTTCAGCAATTCACTGCGCCCTGCCCCCAGCAGACCAGCAATGCCGAGCACTTCGCCACGACGTAGCGTAAAACTGA TATCCTCCAGCTTGGGCTTATGGCGTAACGCACGGACTTCCAGCACGGCCTGATCCACAATTTCCTGAGGGGCTACCGGC GCAATATCAACGTGATCGCGCCCGAGCATCAGCGACACAATATGATGCGTGGAGGTGTTTTCGAGCATCACATCGCCCGC TCAAGAATGACCACGCGCGCTCGCCCTTCATCACCCGCGCAATTTCCACCAGCTGCTTTTTGCGCCGGGCTTAGCGTTGA  ${\tt AACAAGTTGTTCAGGACTAACGTCAACGCCCAGCGCCTGTAAGCAACGTTGGGCATCCTGCGCCATTTGCAGGTAATCAA}$ TCATGCCGTTGCGGCGGGGCCACTGACCGAGGCAGAGGTTTTCCGCCACTGTCAGCCCTTCCACCAGACTTAACTCCTGA GATATCACCGCTATCCGGGCGTTCGCCGGTAAGCATTCGAATGAGAGTCGATTTGCCCGCGCCGTTTTTACCTAACA  ${\tt GCGCACGAACTTCGCCTTTATTGAGCGTGAAGTTAACGTTATCCAGCGCAACGACGCCGGGATAACGCTTATTTCCTGCC}$  $\tt CGTGCGTTGCCAGCCACTGTTTACCGTCTTCCGTTTTGGTATAGAGATCGATAGGCACCTGAATCACTTTTTCACCGTCG$ GCTTGTTTATTGATAACCTTCAATGTTTGCGCGAAAACAGCATTGCCCATTTTCTTACCGGAAATATCCACTACCGCTTT CAGCACCTGATTGTTTTCCAGCTCCTGAGCAATTTCGGTTGTCATATCCGAACCGAAACAGCAATTTTTCCGGCCTGAT TTTGATTACGTACCGCTTTTACCGCGCCGAGTGTCGCACCGCCCGATTCCCCCATAATGGCGTTGAGATCCGGCGTGGAG ATAATTAGTTTTCACCAACGGAAATCGCTTTATCTAAAACAGTCCCTTCCTGATTAGCGACAATTTGCGCGCCGGGAAC  $\tt GCGGGATTTTAAAACTTCTTCAAATCCTTTACGTCGCTGCACACAAACTTCAAAGGCTTCGCAATTGATGACGGCAATTT$  ${\tt TCGGCTGGTCAATTTTATTGGCAATAAATAATCAGCGGCAGCGTTACCCAGTTTTTTACCAAATTCCAGCGGATCGCCG}$ ACCAGATACGCCGAGACATATTTATCGACCCCCTTTTGATTAATACAGGTGTTGTAGCAAATCACCGGAATGCCCGCTTC GGGTATCAACAAAGGTACTTTCTTTCGAAATATCACCCTGGGCGTTAGTTTCTATTAACTGAACTTGTACTGAGGAATCT TTTGCCGCATCCTGAACGCCCTGACGCACTCCAGCGTAGTATCCCTGAGTATCAAGGTATATTGCGCCAATGGTCATTTC TTTTTCCGCAGCCCTGGCAAATAGTGCGCTACCTAATAGCGTAGCCATTAATAATAGATTACGGGTTGTTCTCATTTTTG TAGGCATAGAGCCTCCTGTAGGGTTTTTATTAACAACGGCTTATTCTAATTATTTTTGTGATGAGCGGCAGCGCGTGCCGC TCAAATATTACAGTTAATAGGGTTTAGTGAACGCGGTTAAAAATAAAAGGCATCACGGTGGTGAATAATGCCGCTTTCGG AAGAAATCCGCTTCGATACTGGTTTTCGCCATCTCTTGCGCCCACTGTTTCATTTCACTAAACAGTTGCTGTGCGGTTTG TTGTTCGCCCAGCAGTCGCAGCCATCCCTTGCCAGAAGAGATAATCAACCGGCTGATCGTTGTAATAACTGTGAATGT TAATAGTGCGATCGCCGGTCGCCCAGACGTAAACAACGCGTCGCTTCAGTTTCATCGCCCTGCGCGTTGGCGCATATC GCCTGCCAGAACCAGATGTCGTTATCAGTTTGCCCCGGTAAACGGCCTTCGCTTAAATTCTCCGGATAATGCAGCGCGGC ATGAAGCAGTTCGCAGGCCTGCTGCGGCTGTCTGGCATCAAGATGCTGCCAGGCGCGTAATAACTGGTTGAGGATAAACT GACTGGTGACCTTCCCCGCCTTCCCACGGGTGGAATTTGCGCGTGGCGAGAATGTCCGCCGCTTTGTCTGCCTGA CGCCAGTCGTTTCTCCGGTGTGGCTCCACTTAACTTATCCAGCAAATCCCGTTCGAAAAGCAGACGTGCATCCTGCGGCG  ${\tt CGCCAGCCGTCGGCAAACTCCGGCGACATCTCTACGCAACGTTGCCAAAAGGCAATGGCTTTGTTGTTGTAGCTACGTTTGTT}$ GTAGTAGAAGCAAGCTAGTAAATGGCGAGCAAACCAGCACTCTTCAATACTCTCCAGCGCCGCCACTTCTTCCAGCGTAT  ${\tt TCGGGAAACGGACAAACTGCGGGAAGACATCAATGGCTTTTGCGACCAGTTCGCCACGTTCGGCTTTCGGCAGCAAGCTG}$ GCTTGCAGGTAAAGCGGCAGCGTGCGCTGGCAGTCCAGTGCGTTCAGCATCTCTGCCGCCAGGGTGGGCATTCCCCAGTT TACGACCATCGAACCAGTTCAGCCACCACAGAGTGGCGTTCAGCGGATAATCGCGCAGCAGTTTCTCGCGCTGCACACGC ACTTTGTTGGCAAAAATCCAGACCAGCGTCGAAGTTACCATTACGCGCCGCCAGTCGTGCCAGGCCATAATAGCCACCGG CTTTGCTGTTGCCGCTCCAGACCGCCAGAAATCCTCTTCGGCTTGTTGATATTGTCCCTGACGTTCGTAAGCACTG GCGCGAATCAAACTCGCCTGTCCGCACTGCGGATTTTTGTTCAGCGCATGTGCGCGTTTCAGAGCCTGAGTGGCATACGC CACCGCTTGCGGGAAATCTGCGCGGTTATATTCCAGCATCGCCAGCGCAGGTTACAGCGATAATCCAGCGGGTCCAGCG TCATCTGTACTGGTAATGTCTTGTGCTGCCAGTGGCGCTTTGGCGACGTCCGGTAACGGCAACGCTTGCGGCTGATGTTC  $\tt CCTGGATGGCGGTCGCAGGCATCACGGCATCATCAAGTAACGCGTTGCATTACCGATTTCGCGGATCGCCAGGCCAGGCATCGCCAGGCATCGCCAGGCATCGCCAGGCATCGCCAGGATCGCAGATCGCCAGGATCGCAGATCGCCAGGATCGCAGATCA$ GCCAGGTAAAATCGGGCTGGTTATCGGCAAAAATACCGGTCATCAGTTCGATATACGGGCCGTTATTGTCGGTCAGACTC TTATCCCACGCCTGGCCAAATTCACTGTGTCCCCAACTCCACTGTTTTTTACCTGGCGCAATATGGTGGTTGGCAACGTG  ${\tt
GCGGAGACGGCCGTTTGCCGTGATCAAACACGCCGTTACATCCGGCGGGAAGACGCTCTGATGCCCTTTCCCCCCCTTT}$ CACTGCCGGGTTGGCCCACCACAAGAAATGACGCGGCGTGGCGTTATAGACGCGGCTGGCGATTTCCAGCGCCG  $\tt CCCGGTCAGGGCGCAGGGTGAAACCTGTCATCACCTGTAAACCATGCATCGGCTCCGTTTCGCCTACCCACACCGTCTGT$ GCACCGTCTTCATGGGCTTCGAGGGTGAAATCAACGGGCATAAAGGTGGTCGGGCGATGATGTTGCGGCCAGTTAAACTC AATCCCACCGGAAATCCACGGCCCCAGCAGCCCCACCAGCGCAGGTTTAATGACTTCATTGTGATAAACAAAATCGCGCT GTTTCACTTTATCCCACGCGCGATGCACCCGACCGCCCAGTTCCGGCAGGATCATCACTTTGATGTAGTCGTTTTCCAGC CTTGCCACACTTTTACTGGAGTCATGGTGCCCTCAATATTAACAAGACATACTGAATTAAAAAGATTTGTGGCAGTGTATT GAACAATCTGGCAATGTTTTCGCGGAATAATCACGCAATTAACTAAACAAGGTTTAGTGAAGATGAGAGCCTGCATTAAT AATCAACAGATTCGCCACCATAACAAATGCGTGATTCTGGAACTGCTGTACCGGCAAAAGCGCGCCCAATAAATCAACGCT GGCCCGGCTGGCGCAAATTTCGATTCCGGCAGTCAGTAATATTTTGCAGGAACTGGAAAGCGGAAAAACGGGTGGTGAATA TTGACGATGAAAGCCAGACGCGCGGGCATAGTAGCGGTACATGGCTGATTGCGCCGGAAGGTGACTGGACGCTGTGCCTG AACGTGACGCCCACCACTATTGAGTGTCAGGTTGCTAATGCTTGTTTAAGTCCGAAAGGTGAATTTGAGTATTTACAGAT TGATGCACCGACGCCGCAGGCGCTGCTCCGAAATCGAAAAATGCTGGCATCGCCACCGTAAATTGTGGCCGGACCATA CCATCAACCTGGCGTTGGCAATCCACGGTCAGGTTGATCCTGTGACCGGCGTGTCGCAAACCATGCCGCAAGCGCCGTGG GGCGCTGGCGGAGAAATGGCAAAATAATTCGCAGGAACGGGATTTCTGCGTGATCAACGTTGATTACGGCATTGGCTCGT GGCGTCGTCTGCGACTGTGGACGTTATGGCTGCCTGGAAACTGTCGCCTCGTTAAGCGCCATTAAAAAAACAGGCGCGGGT ATGGCTAAAATCACAACCGGTTAGTACTCAACTTGATCCTGAAAAAACTGACTACAGCGCAGTTAATCGCTGCCTGGCAAA GTGGAGAACCGTGGATCACCAGCTGGGTTGATCGCTCTGCCAATGCCATTGGTTTGAGTCTGTATAACTTCCTCAACATC AACAGGTGCTGGGAATTGGCTATTTGTATGTTGAGGCGCAGTTACGACAGATTTGATGGCGCGATAACGTAGAAAGGCTTCCCGAAGGAAGCCTTGATGATCATAAACGAAAAATTGCCTGATGCGCTACGCTTATCAGGCCTACACGGAGATTGCAATA TATTGAATTTGCAAAGTTTTGTAGGCCGGATAAGGCGTTCACGCCGCATCCGGCATGAACAACGAGCACATTGACAGCAA ATCACCGTTTCGCTTATGCGTAAACCGGGTAACGTGCGCAGATGTCGAGAACTTTACCTTTGATGCGCTCGATAACGGCT  AATCGCCGGAGTACCTACACGAATACCGGAGGTCACAAACGGGCTCTTCGGATCGTTCGGTACGCTGTTTTTGTTGACGG TGATGTTAGCACGGCCCAGAGCGGCGTCTGCTTCTTTACCGGTCAGGTTTTTATCAACCAGATCAACCAGGAACAGGTGG TTATCAGTGCCGCCGGAAACCACTTTGTAGCCGCGCTCGAGGAACACTTCTACCATCGCTTTAGCGTTTTTAGCGACCTG  $\tt CGCCCTGACCACCAGGGAAAACGGCAGAGTTCAGTTTTTTGTACAGCTCTTCGCTACCACCTTTCGCCAGGATCAGGCCG$ AGCAACCAGGCCCGCAACGTGCGCCATATCAACGAACAGGTAAGCACCGATGCTGTCAGCGATTTCACGCATTTTCGCCC AGTCCACCACGCCGGAATATGCAGAGAAACCACCGATAATCATTTTCGGCTTGTTTCTTTGGCTTGTTTTTCCAGATCG GCGTAGTCGATATGACCGGTAGCATCGATACCGTAAGGAACGATGTTGTACAGTTTACCGGAGAAGTTAACCGGAGAACC GTGAGTCAGGTGACCGCCATGCGCCAGGTTCATACCCAGAACGGTATCACCTGGTTCCAGCAGCGCGGTGTAGACCGCAA TGTTCAACGATATCAACATACTCGCAACCGCCGTAGTAGCGTTTGCCCGGATAACCTTCAGCATATTTGTTGGTCAGCTG A GAACCCTGCGCCTGCATTACGCGCGGGCTGGTGTAGTTTTCGGAGGCGATCAGTTCGATGTGCTCTTCCTGACGTACTTTTTCCTGCTCCATAGCCTGCCACAGTTCGGCATCATAATCGGCAATGTTCATTTCACGCTTTAACATCCGCATCTCCTGA ATAACAGGTCTTGACAAAGGAATTTACGCAAACGATTACCTTCAGGCTACGCAAGGCTTTGGAGAATAAAGAGCTTGCAA GACGCTCAAACCATCGCTACAGTAAAAGCCACCATCCCTTTACTGGTGGAAACGGGGCCAAAGTTAACCGCCCATTTCTA CAGAAGCACACCAGCTTCCAGATCAAACCGGAACAGTACAACATCGTCGGTGAACACCTGTTGGCAACGCTGGACGAAAT GTTCAGCCCGGGGCAGGAGTGCTGGACGCGTGGGGTAAAGCCTATGGTGTACTGGCTAATGTATTTATCAATCGCGAGG  $\tt CGCAGCGCGCTTATCACCAGCTTCGAACTGGAGCCGGTCGACGGTGGCGCAGTGGCAGAATACCGTCCGGGGCAATATCT$ GCTATCGTATTGCGGTGAAACGCGAAGAGGGTGGGCAGGTATCCAACTGGTTGCACAATCACGCCAATGTTGGCGATGTC GTGAAACTGGTCGCTCCGGCAGGTGATTTCTTTATGGCTGTCGCAGATGACACACCAGTGACGTTAATCTCTGCCGGTGT TGGTCAAACGCCAATGCTGGCAATGCTCGACACGCTGGCAAAAGCAGGCCACACAGCACAAGTGAACTGGTTCCATGCGG TGGTATCGTCAGCCGAGCGAAGCCGATCGCGCTAAAGGTCAGTTTGATAGCGAAGGTCTGATGGATTTGAGCAAACTGGA AGGTGCGTTCAGCGATCCGACAATGCAGTTCTATCTCTGCGGCCCGGTTGGCTTCATGCAGTTTACCGCGAAACAGTTAG TGGATCTGGGCGTGAAGCAGGAAAACATTCATTACGAATGCTTTGGCCCGCATAAGGTGCTGTAATTTGATGTTGCCGGA TGGAAACATCCGGCAACCCTTGACGCGGTTTAAATTGCCGCGTCGTCCTCTTCACCGGTACGGATGCGAATGACCCGTGC CAATGTCGTCCGGTACGACAATCTCAATTTTCACTTTCGGCAGAAAATCCACCATATACTCCGCGCCGCGGTACAGCTCG GTATGGCCTTTCTGGCGACCAAAGCCTTTCACTTCGGTCACCGTCATGCCGGTAATACCGACTTCGGCCAGTGCTTCGCG GACATCGTCCAGCTTGAAGGGTTTTATAATCGCATCAATCTTTTTCATGCTATTCCTTGAAAAGGTCGCCTGTCTTTTGA TCTGCTAAACGTAACACATAACGCCAATTCATTCCTTGAAATCGTTTGCATCCAGCTCGTGTCGGGAAAGCAGTTTATAA AATTCTGTCCGGTTGCGCCCCGCCATTCTCGCCGCGTGGGTGACGTTGCCTTTGGTGATTTGCAGCAGCTTACGCAAATA GTTGAGTTCAAACTGATTACGTGCCTCAACAAAGGTTGGCAGCGCCGTATTTTCACCCTCCAGCGCCTGCTCCACCAGCG CATCACTAATCACCGGAGATGAGGTCAGCGCCACGCACTGTTCAATCACGTTGACCAACTGGCGCACATTACCCGGCCAG AATAGAGATCTTCGCGGAATTCCCCGCGCGCCATCGCTTTTGGCAGATCACGGTGAGTGGCAGAAATAATCCGCACATTG ATATCAATATCGCGGTTACTGCCCAGCGGGCGCACTTTACGCTCCTGCAACACGCGCAGCAGTTTGACCTGTAACGGCGC AGGCATATCGCCAATTTCATCGAGAAATAGCGTTCCGCCTTCCGCCCTGGAATAAACCTTCGCGATTGCTGACAGCGC   ${\tt AATGGTTTGCTGTTGCGCGGGCTTGTGGATAGCCTGGGCGAAAATCTCTTTCCCGGTGCCGCTCTGACCGTTAAT}$ CAAAACGCTGACGTCTGATTGCGCCACCAGCCGCGCTGTTCCAGCAAACGCAGCATCAGCGGGCTGCGGGTGACAATTG  $\tt CCTCGCGCCAGCGTTCATCGGTGGCTGGCGCGGATTGCTCCAGCGCATCGTCAATTGCCTGATATAGCGCGTCTTTGTCGCGCGCATCGTCAATTGCCTGATATAGCGCGTCTTTTGTCGCGCGCATCGTCAATTGCCTGATATAGCGCGTCTTTTGTCGCGCGCATCGTCAATTGCCTGATATAGCGCGTCTTTTGTCGCGCGCATCGTCAATTGCCTGATATAGCGCGTCTTTTGTCGCGCGCATCGTCAATTGCCTGATATAGCGCGCGTCTTTTGTCGCTCAATTGCCTGATATAGCGCGCGTCTTTTGTCGCTCAATTGCCTGATATAGCGCGCGTCTTTTGTCGTCAATTGCCTCAATTGCCTGATATAGCGCGTCTTTTGTCGTCAATTGCCTCAATTGCCTGATATAGCGCGTCTTTTGTCGTCAATTGCCTGATATAGCGCGTCTTTTGTCGTCAATTGCCTGATATAGCGCGCGTCTTTTGTCGTCAATTGCTCAATTGCCTGATATAGCGCGCGTCTTTTGTCGTCAATTGCTCAATTGCCTGATATAGCGCGCGTCTTTTGTCGTCAATTGCTCAATTGCCTGATATAGCGCGCGTCTTTTGTCGTCAATTGCAATTGCTCAATTGCA$ A CAGGCTTGGTGAGGAAACTAAAAACGCCCTGCTGTTGTTGCAGCAACGGCATCGGGAATAGAACCATGCGCGGTAAGAATAGAACCATGCGCAGTAAGAATAGAACCATGCGCGGTAAGAATAGAACCATGCGCGGTAAGAATAGAACCATGCGCGGTAAGAATAGAACCATGCAGAATAGAAATAGAAATAGAAATAGAAATAGAAATAGAATAGAAATAGAAATAGAATAGAATAGAATAGAATAGAATAGAATAGAATAGAATAGAATAGAATAGAAATAGAATGATGACTAAATCTACTTTTTCGCGATTCAGTACCCGTAATCCTTCAGCGCCACTTTCCGCCGTGACCACACTGTAGCCT TCGCTGGTCAGGCGCAGGCCAAGCAGTTTCAGCAATCCCGGATCGTCATCGACCAATAATAAATGCGCAGGTTTATGGCT  $\tt TTGCGGGTCGAGAGCTGCGTTCAATATCGGTCAGGTTTTCCAGCTTGCGGGTGGTGAGTTCCAGTTGCTGCTGTAGAAC$ GTGATGTTGCTGGCGCAATGTATCCAGCTCGCTGTCGCTGGACTGCTGGAGTTTACTGTAACGTTGGCGCTCTTCCGCCA GTTGCAGTTGCAGCGCCTGACCATCGCGCCAGAGTTGATACAGTGGGCGAACCTGTGCCGGGATCTCGGTACTTAACGCT TCAATACGCGCGACCAGCTGGCGGCGCTCATACGGCGTAATTTTGGCGTCGGCGAGCAAAATCCCTTGTTTAAAGGTATT TTGCCAGCTGCCGTCGTCATATTGGCGAGCTTGCTGACGCGACTGCGCAGGCATTAAACGATCAGCACAATCCATCGCCC GCAGCCAGTAAAGCGGATTGGTTTCGGTTGATTTACCTTGCAGCGCCCAGATGTCGCTACATTCAGTAGAAAGATAGTCA TGCCAGACATGGCAGCCCTGCCAGCCACAGCCGTCGGGGCAATAATCGTTGAAAAATGTGTCGCATATTCACCAGACTTA GTGAAGATTTCGAGCACTGCCCGGGGCCGAACTGACAAATAAAATAGCCTGATAGGATAGGCTGTTAGCATTATTTCGTG TTTTTCGACGACGGTAATTCAATGCGGAAACAAACGTCTTGCCCGCTCTCGTCGACCAGATACAGTTCCCCTTGCATACG  ${\tt GCGAATACAATCCCTGGCAATGCTTAATCCCAGACCGCTGCCCTTCACCGCCCCTTTTCGCTGGTGGCTTCCCTGAAAAA$ AGGGTTCGAAGATCATGGCGCGTTCCTCTTGCGGAATGGGCGTGCCTGTATTGATGACATCAATATAAACCCGCGCACCA TGTAAACTGCTGCGAAGGCAAATGTTACCGGATTCAGCCCCGTAGTGCACCGCATTGGAGTAAAGATTATCCAGTACGCT GGCTATGAGCAGAAACCACTGTCTCCACCAGCGGTGCTAACTCAACATTCTCCAGTTCCACCGCACTGTCCGCCTGTTTA
CGGTTGTAATCAAGCAGTTGTTCGATCAGTTTTTTGCAAATTGCGGCTGCTGCTATCAAGAATGCTCACCACCTCTTTTTG  $\tt CTCTGGCGTAAGCGGCCCGACAACCTGGTCAGCCAGTAATTCAGTGCCCTCGCGCATACTCGCCAGTGGCGTTTTTAATT$  ${\tt CATGAGATAAATGTCTTAAAAATTGATGGCGTTGGGATTCCAGCCATGACAGGCGCTCACTTAACCAAAGAATACGTTGC}$  $\tt CCAACCGAGCGTAACTCGCTCGGTCCACTGAACGAGACGCTATTGCCCAGAGAACGCCCTTCCCCCAGACGGTTGATCAT$ GCGCTCGATATTTTTCACCGGCCCGATAATCATCCGCGTGAAAAGCAGTACCATTACCAGACTCACCAGAAATAGCACCA GCGATTGCCAACCAAAATATTGCCCACGTTCGGCGATTTCACGCTGAAGCTGCTGCCCACGAGAGAACACCACTGTGCGC GTGGCCTGTACCATTTCGGTATTGGCACTGCCAAAGGCTTCAAGACGTGCGGCGGCGGCAGCATCGGGACCGCTGTTGTT ACACTGAAGTTGAGCCAGATTGTGCAAATCCTGACGTAATGCCTGGTAGAGTTTATCGTCCGGCAGCACGCCTGCGTGGG AATAGCCTGATGCTAACCGAGGGGAAGTTCAGATACAACAAAGCCGGGAATTACCCGGCTTTGTTATGGAATAAGGCGGT CATTCGTATTTTATGTAGCACGTCCCGAAGGGGCTGACATAAGTCGGTGAATGAGCCACTGGTTACTATTATGCAGTAAC TGTGCCAATAAAGAAAATAGTTTGGTAACGTACTGATTATACGTTGCTTTGAGGGGGTTTATGTCTCCTCCGCTGTTTGAA TGTAAATCAGCCACTGTGTCGCTAAAAAGAGACAACTTAAGATAAACTTATTAGATAATATTAAAATCAATGAGTTAAGT GTCGCCAGAAAGCGACACGGCAAACCACCCATTGTCGTGATTTACAGACACAAAAAAGCTCCCGGAGTTGGGAGCTTATG ATAGTGGTTGGTGCTTAATGCCGCATCCGGGCTGCAAAACCAATGGGCTGACGACTTACCCCAACTGCTTACGCGCATTG  $\tt CGGAAAATGCGCATCCATGGGCCATCCTCGCCCCAGTTTTCCGGATGCCAGGAGTTGCTGACAGTACGGAAAACACGTTC$  $\tt CGGGTGCGGCATCATAATGGTGACTCGACCACTTTCAGTCGTGACTGCCGTAATACCGTTCGGTGAACCGTTCGGGTTAG$ GCGAACGGTGAATTTTGGGCTTCCCGCGCTCATTTATCCCCCAGGAAAAATTGGTTAATAACCAGTGACATAATTACCGT GCAAGGCACCCTACTGAACACTGGAAAAGATGTTCACGATACGCTGACCTGCGGCAAAATAACCAGGAAAAATCCAGGTA TTTCCTCACGTTTTAAGCCAGCTCACCCTTCACTAAAGGGACAAAGCGCACGGCCTCCACGGTATCGATAATAAATTCGC CTCCCCGACGACGCCCCGTTTCAAATACTGGTGCTCCTCCCCTACGGGTAAGACGAGAATCCCGCCTTCGTCCAGCTGC GTCATTAGCGCAGTTGGAATTTCCGGCGGTGCCGCCGTAACAATGATAGCGTCAAACGGCGCACGTGCCTACCAACCTTG TAATCCGTTCAACCGAGCAAACATGCTGGACAAGATGCGCCAGGATTGCCGTTTGATATCCCGAACCGGTGCCAATTTCC AGCACCCGCGACTGCGGCGTCAGCTCGAGTAATTCGGTCATTCGCGCCACCATATATGGCTGCGAAATTGTCTGCCCCTG ACCTATCGGCAAAGCGATATTGTCCCAGGCTTTTTGTTCAAACGCTTCATCAACGAATTTTTCACGCGGCACGGCGGCAA GTGCATTCAGCACCTGCTCATCCTGAATACCTTGCGCACGTAATTGATCCAGAAGTGCTTGTACGCGTCTGCTTACCATT GCGTGCCAACTCCCACGCTGTTTAACCAGTCTGAAACCACATCTTGCGCGCTATGCGCAGTTAAATCCACATGCAGCGGC GTGATGGAGACATAGCCCTCATCTACCGCAGCAAAATCGGTCCCCGGACCAGCATCACATTTACCGCCCGGCGGGCCAAT GAATACCTTTGATTTGATCCAAGGGTAAATCCGGAACGTTAATATTAAGAATACGCCCGGTGCGCAGCGGCTCTTTACAC AGTGCGCGCAAAATTGAACAGGTTACCGCCGCGGCAGTGTCGTAATGTTTATGCCCGTCAAGCGAGACGGCAAGCGCCGG ATTTGCACAGCAATATCACCATTTTCAAAGGTAAACGTGCGCAGGGAGGATTCCAGTGTCAGAGAATTTGAAGCGCCGCT GCGGTTACGATCGGGGGCGACCACCTGAACGTCAGCAAACTCACGCAAGGCTTTCGCCAGCGTTTGTATACCGGGTGCAT GTACCCCGTCATCATTACTCAGCAATATGCGCATAATCACCTGTTGTTGTTGATAAGTTCCCTGACACGCTGGTTGCAAA TCGAATGCCAGCGCTTCACGCTGAGTTCCCCATTCGCCACTGCCTGGCAATGCGGCGGTTATCATCAACTCTTTATCGTT GACGCGACGCTGTAATTCCGCCAGTTCTTCGGTGGTTGCGACAAACCAGCTACCACGTCCGGCTAATTGTAGCGCATCGC CGTCAACAACTTGATTAACGTCTGCTTTTTTGAGGCGCTCAGCAACAATCTGATTAAACAACGCACTGCGGGCTGCCGAC AACCAAAAACTCCGTTTATTGCGATCGCGCACCGGAGTATTGGTTTGCGCCCAGCGCTGCGCCCCTGCAAGTTGCTACC GCCAATCCCAAAACGTTGGGCACCGAAGTAGTTCGGTACACCTTTTACGCAAATATCGATCAGACGTTGTTCAACGTCAT GCATACTCCAGCACCTGGCAGCCTTCCAGTTGAAAGGCGCTCAGATCGGGCATTTCCTTGCCCGGCACGCGAGCGCATAA GTGCATCCGCCACAAAACGGGTATTGCAGCCGTTTTTGAGGATTCTAACCAGAATATGCTCACCTTCACCATCAGGCTCA  ${\tt AAGCCCAAATCTTCCACCACCACAAAGTCTTCCGGATTGGCTTTCAGCAGCCCGGTGCCTTGCGGTTTACCGTGGAGGTA}$  ${\tt AGTGAGATTATCAAACTCAATCATTTTGTTGCCTTAATGAGTAGCGCCACCGCTTCACAGGCAATCCCTTCCCCACGTCC}$ GGTAAATCCCAGTTTTTCCGTAGTAGTGGCTTTCACGTTAACATCATCCATATGGCAGCCGAGATCTTCGGCAATAAACA  $\tt CGCGCATTTGTGGAATGTGCGGCAACATCTTCGGTGCCTGAGCGATGATAGTGACATCGACGTTGCCAAGGGTATAACCC$ TTCGCCTGAATACGACGCCAGGCTTCGCGTAGCAGCTCGCGGCTATCGGCACCTTTAAATGCCGGATCGGTATCCGGGAA GCGCCAGCAATCCTTTTTCGTAAGGAATGCGTACGCCACCAATGATAATTGGGCCTTCACCGCCAAAGGCATGTACGTCA GGGCGCGTGACTTTAATGTTATCCGCACGGCCTTCGACCAACTGAGGATGGAATCCGCAATATTCCAGCGCCGAGGCTTC GTCGGTAATAGTCGCGCCTTCATTTAGAGCGCGCGTCAGACAGTCATGTAACAGCTCACGAGGGAAAAATTGCGGCGTCA GCGCGTGCCATAAGCCGTTGCGATCAACGGTATGAGCAATGGCATTTTTGCCCGGTTCGGCACGTTTCATAGTATCGCGC CATCACCGCCATCTACAACGGTGATTTGCGGATGATTCGCCAGAGGAAGTTGTGCAAAACGGCTATCGCCAGGACTTATG GCAATGACGACACGTTTCACCCGGGGATGCGCCAGCAGCGCATGCACCGAGTGTTCAAGAATGGTTTGATTACCGATTGA GAGATATTGCTTAGGACATTCCGTTTGCATTCGACGCCCAAATCCGGCCGCCGGAACCACGGCGCAAACATCCAAATGAG TGGTTGCCATGTTAATTCCCGGGCTGATTTATCGATTGTTTTGCCCCGCAGACTGTGCGCGCTTCGACGCGTCAGGCACC AGACGATAAAAAGTTTCGCCCGGCCTGGTCATGCTGAGTTCATTACGCGCACGCTCTTCGAGCGCCTCCTGGCCGCCATT GAGATCGTCAATTTCGGCAAAAAGTTGATCGTTTCGCGCTTTAAGTTTCGCGTTTGTAGCTTGCTGTGCCGCCACATCAT CATTGACGCGGGTATAGTCATGTATACCGTTCTTACCGAACCACAGCGAATACTGTAGCCAGACCAGAATAGCCAGCAAC AGCAGCGTTAGTTTACCCATCCTGCCCCCTGAAAAACGGCATCATCATCCCATGCATCCGAAGACGACTCTACATCCTCT GTTGGGGATACCGCGACAACGCGGGCAAATGTACCACATTTGTCCATTGTTACGTATACCCAGGGCGTGCAGAACATAAT CTCATTATTAGTTACGGTTTGAATTATGAACAGAGGAGACGGGAAAGTACAAATTAGCCCAGTAGCCACATAAACAGTGC TAAATCAACATCGGCATCGCCAGCGCAAATAACCAGGAGATAAAACCGACCACGGCACCAGGCAGTGACCATGTGGTTTC TTCATCCTCAGTAAGGCTGTCGTTATTTGTTAGTGTAATGTTATGGCTATTACGCATATTTGATCCTGTTACTTTGACGA ATTTGTTACTAATTGTTCACCATTGAGATGAATTTCTGCCGATTCAGGCGCTTCGTAAACGGAATCTATTCCCGTAAAGT TGCGCAGTTCACCGGCACGCGCTTTCTTATATAAGCCTTTGGGATCGCGGGCTTCGCAAATCGCCAGCGGCGTATCGACA AACACTTCGATAAAGCGCCCTTCTCCTACGCGTTCGCGAACCATCTGGCGTTCGGCGGGTGTGGCGAGATAAATGCGGT TAAAACCGAGATCGCTGCATAATCCGTGGCGAACATTGTCGCCATCCAGCAGATACGTACTGACGCCGAGTTTATGTAAC GCCTCCTCCAGCGCCCCGGCGACCGTTGATTTACCGGACCCGGAGAGGCCGGTAAACCACAGCACTACACCACGATGACC  $\tt CCCCAGCAAATCGCGCGCCCCAGTGCGGAAAGTGGCGACGAACCAGAGCATTCAATTCCAGTTCGAATGCACTGAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAATTCAATTCCAGTTCGAATGCACTGAATTCAAT$ AAAATCAGCCCACCCGTCACCGGATTTTGTTGATAACGATCTAACACCAGCGGCTCGTCAAAAGTGAGATCCACGAGGCC GATCCCATTCAGTGGCAGGTTTTCAACTTCACGCTGGGTAAGGTTATTAATATCAACCTGATAGCGAATGCCATCAACAC TCCACCGACGCGCTCTGCACCGCCGGTAACGCTTCGTCTGCCGCCAGCAGCAGATCGCCACGGCTGATGTCGATCTCATC CGTCAGCACCAGGGTGATCGCTTCTCCGGCAAAGGCTTCTTCGCGATCACCATCAAAAGTCACGATCCGCGCGACGTTTG ATTCCACACCAGAGGGCAGCACTTTGACACGTTGCCCGACTTCCACGCGACCGGATGCCAGCGTTCCGGCGTAACCACGA TTCCAGCACTTCGAGCAGTGTCGGACCGCTGTACCACGGCATACTTTCACTTTGCGATGCCACGTTGTCGCCTTCCAGTG CAGAGAGCGGCACAAAGCGGATATCCAGATTACCCGGCAGCTGCCCGGCAAAGGTCAAATAATCTTCACGAATACGGGTG AACGTCTCTTCACTGTAATCCACCAGATCCATTTTGTTGATCGCCACGACCAGATGTTTGATCCCCAACAGTGTGGAGAT CAGTCGCCATATTGCGGGTGTACTGCTCGTGCCCTGGGGTGTCGGCGATAATAAATTTACGCTTCTCGGTAGAGAAATAG  ${\tt CGGTAGGCCACGTCAATGGTGATGCCCTGTTCGCGCTCAGCTTGCAGGCCGTCCACCAGCAGAGCCAGATCCAGCTTTTC}$ GCCCTGGGTGCCGTGACGCTTACTGTCGTTATGCAGCGATGAGAGCTGATCTTCGTAGATTTTGGCGGGTATCGTGCAGCA GACGACCAATCAGAGTACTTTTGCCGTCATCGACGCTACCACAGGTCAGAAAACGCAGCAGGCTTTTATGTTGTTGCGCA ATCATCCAGGCTTCGACGCCGCCTTCATTGGCGATTTGTTGTGCAAGTGCGGTGTTCATCTTAAAAATACCCCTGACGTT TTTTCAGCTCCATAGACCCCGCCTGGTCGCGGTCAATCACGCGGCCCTGACGTTCACTGGTGGTGGAAACCAGCATCTCT GTCCAGTTAGAGAGCGGGAAGACGCGGATGCTTTCGCCTTTGTTAATTTTGCCCGTTGTAGTTGTGCCACAGCTCCGGGCG GGCGCGCACCACCGAAGGCGGCATCAAAACCGTATTTGTTCAGCGCCTGTTTCAGGCCTTCAGTTTTCATAATATCGGTA TGTTTCGCGCTGCCGTGCACGAATGGATTAATCCCCATCGCCACGCCTTCCGGGTTTTTATGCACCAGCAGTTCGCAGCC GTAGGCTTTAGCAGTACGATCGCGGAACTCATACATCTCGCGGAATTTCCAGCCGGTATCGACATGCAGCAACGGGAAAG GCAGCGTACCTGGATAAAACGCCTTGCGCGCCAGATGCAGCATGACGCTGGAATCTTTACCGATAGAGTAGAGCATCACC GGATTTGAGAATTCTGCCGCCACCTCGCGAATAATGTGGATGCTTTCCGCCTCCAGTTGCCGCAGGTGAGTAAGTCGTAT TTGATCCATAACCGTTCCTTTGCAATACCGCTATTTTCTTGCCATCAGATGTTTCGACTATAGGGAGCGTAAGAGAACGA ATGAAATTACCAATTAGAATGAGTAGTTCCTTAACGGAATAACGATTTGGCAAAGCTAATATCAAAAAGTGCTTAAGGCA  ATGGTATTTAAGGACTCACTATGTTTTCCGCATTGCGCCACCGTACCGCTGCCCTGGCGCTCTGGCGTATGCTTTATTCTCCATGACCGGAACTCCTGCAGAAATGTTATCTGCCGATTATATTCGCCAACAGTTTCAGCAAATGGGTTATCGCAGTGATA TTCGGACATTTAATAGTCGGTATATTTATACCGCCCGCGATAATCGTAAGAGCTGGCATAACGTGACGGGAAGTACGGTG ATTGCCGCTCATGAAGGCAAAGCGCCGCAGCAGATCATCATTATGGCGCATCTGGATACTTACGCCCCGCTGAGCGATGC TGACGCCGATGCCAATCTCGGCGGGCTGACGTTACAAGGAATGGATGATAACGCCGCAGGTTTAGGTGTCATGCTGGAAT TGGCAGAACGCCTGAAAAATACGCCTACCGAGTATGGTATTCGATTTGTGGCGACCAGCGGCGAAGAGAGGGAAGGGAAATTA GGCGCTGAGAATTTACTCAAGCGGATGAGTGACACCGAAAAGAAAATACGCTGCTGGTGATTAATCTCGATAACTTAAT TGTTGGCGATAAATTGTATTTCAACAGCGGTGTAAAAACCCCTGAGGCAGTAAGGAAATTAACGCGCGCACAGGGCGCTGG  $\tt CAATTGCGCGCAGTCACGGAATAGCCGCAACGACCAATCCGGGTTTGAATAAAAATTATCCGAAAGGCACTGGGTGTTGT$ TGGTTATCAGCAACGCGCAAAAACCCCTGCCTTCCCGGCGGGAAATAGCTGGCATGACGTAAGACTGGATAATCACCAAC
ATATTGATAAGGCTCTTCCTGGAAGAATAGAACGTCGCTGCCGTGACGTTATGCGGATAATGCTACCTCTGGTGAAGGAG ATCATCGCATCCAGTGCGCCCGGTTTATCCCCGCTGATGCGGGGGAACACCAGCGTCAGGCGTGAAATCTCACCGTCGTTG GCGGGGAACTCGTAGTCCATCATTCCACCTATGTCTGAACTCCCGGTTTATCCCCGCTGGCGCGGGGAACTCCCGGGGGA GCGGCGACGCGCAGGGTATGCGCGGTTTATCCCCGCTGGCGGGGGAACTCGCGACCGCTCAGAAATTCCAGA  $\tt CCCGATCCAAACGGTTTATCCCCGCTGGCGCGGGGAACTCTCAACATTATCAATTACAACCGACAGGGAGCCCGGTTTAT$ TCTGCGTGAGCGTATCGCCGCGCGTCTGCGAAAGCGGTTTATCCCCGCTGGCGCGGGGAACTCTCTAAAAGTATACATTT GTTCTTAAAGCATTTTTTCCCATAAAAACAACCCACCACCTTAATGTAACATTTCCTTATTATAAAGATCAGCTAATT CTTTGTTTTCAAACAGGTAAAAAAGACACCAACCTTAAACCATCCAAATCTACCGGGGTACGCCTGTTTAACCCAAATGT  $\tt CTGGAACTCAAATCCCGTTTCCGTATTCGTTGCCCATGCCATCACTACATTGCCTTCTTCCGCCAGTCCAGCTATTTGTT$ CCCAGATCATTTCACGAATTTTTGCGGATACATCACCTACATATACCCCTGCACGTACCTCCAACAACCAGATGGCTAAT  $\tt CTGCCTCGTAAGCGCGGAGGTACATTTTCAGTGACCACGACCAACATACTCATTTCAGCTACTCCGATGGCCTGCATCTC$ ACGTCCTCTATAAGCGGAATCAATTTGGCTAATGTTTTACTACTGCGAAAAATATCCCTGCACGCCAAACGGACTTCCCG GTCCGGCTCACCAGGGTTACGACGCGCTATCTCAAAAGCTTTCGGTACAACAGTGTCAAATTTAATGATGTCTGCAATAT CGTAAACAAAGGAAAGAGGCTTTCCTGTATGCACAAACCCAATAGCTGGTGCATAACCAGCTGCAAGTATCGCCGCTTCA GTTACGCCGTATAAACAGGAAGTTGCAGCGCTAATGCATTGGTTGATCGTATCGCCCTTTTCCCAGTCTTTCGGATCGTA GCGACGTCCATTCCATGTCACGCCGTATTGCTTCGCCAGAAGTGCGTAGGTTGCCCGCACGCGACTGCCTTCTATACCTC AAATCTTCATCCAGAGCAAGTTTTGCCTGATAGAGCAGCTTATCTGAACGCGCACCTCCAGGCTGACCAGAAGCATAAAC ACGAACGCCCGCTTCCCCCACCCATACCAACATGTTCCAACTTGCGCAGCCAGGCGTACAGCTGCATGCGAAACCCGTG TACCAGGTTCCAGCATGATGCAGGCAACCGAGCCAACAGGAATATGAGTGCGGATCCCTGTCTTGTCGATAAGTACAAAC GCGCCATCTATTACATCGATCTGCCCATATTGCAGAAAGATCATGGAGACGCGATCTTTGAGTGGAATGGGATTAAGGGG TACCTTGCTGTACAAGATCTATTAACGCTGGCGCGTCGTTGATGGTGAGCACACCTTCAAAGCAAACCGTTTGGATCTTT TTTACGTTGCAACCACGCGATTTGTTCTGCTTCTTTTATTAACGGAACCCGACAGCGTTTAATATTCCCTTTACTGTCCA GGCGCTTTTGATTGTCGAGAATAGTTTTGATCGGATTTGCCCGAAGCCGAAAATAGAGTGGAACACCAACCTGAAGTTGA AATTCAACCTGTTTAGTTTTAATGACTGTCGCAACGGCAGTTGAAACAGGCATTTGCGCTGACTGCAATAAAACATGACA ATCCCTGGTGAAGTTGGTAAAGATCCCTGCTCCAGGCCCTGGCAATGATGACTTTACTGAGATACATCCATACCTCCTTT

GCCCTGTAACTGATTCCTCACTATATATCGCCGCCAACGGGCTCATAATTTAATAGCGCCTTCTGAGGATCCGATGCC TGACATGTCCCCAAAAAAAGCGGGTGTGTTAGTGGGCAACTTCTCCGCCCCAGGTAAGGTGTATACCGAGGCTTTAATAC TGCTTTTTCAAGTTCTGAGATAACCATCGTTGCATGGGGTGTTAACCAGAGAGCGACGGTAAAGGAGGCATCACATAAAT ATTCGCGCCATGTTTGAATCGTTTCATGACTTTTCAAACCACGGTAATCTTCTCGCGCTCCAAGGACTGTATGGTAATCA CGCAACCCCGTTACAGACACACGACGATCGTCAAGAATGAGTTCATCGCAGCGCACTGCAAATTGCACACTCTCTGATAA CGCCTGTAATGAAGAAGTATCATCACGTTGGATCCCAAGACAAGCCCCGAGTAGCCCTAATAACCCGCTTCGGGTCGGAA ATCTTCCGGTAGGTCGCGTTCCTTCAAAGGTCGCCTGCCCCCAGGCTTGCATTGGCCCAGCAAGCCGCAAGATCAAATAA GATCTCATGTTCACGCCTCGCCATTATTACGAACCCAGGATTTTAACTGTTCTAAAGTAGGCATTTGTTTAACTTGAGCA GTAATTGGGTCTACATCAGATAAGCTGAATTGCGCAGCAGCTCCGTTCAGACCATATCCATTGGCAACGCGATCCCAATA TTGATTAAACGCCTGTATAGACGGTTGCAAAAAGCCATCTTTCGCTTTAACCGCTTTTTCAAAAGCATTTGCCATAGAAA GTGGCATATCGGAGAAATTAACCATTACCATATCCGCAGGGTTAAAAGCGGCATAAGTACGCTGTTTTGCTCCAGGGACC TCTGTTGCCAGCATATGAACAACATGGGTTGCAATTTCCAGAGCCTGCTCCCTGGAGGCACCACCTAAATTTTCCTGAAG TTGAGCGAGGTTAATGTTGGCATAACGATAAAAAACACCCGATGAAAATTCCTGAGTTCCCAGATGTGCAGAACCTTGTT  $\tt CCTGTAAATCATCTACAGCGGTGAACCAGTCAATATCAGAATCAACCTGATGAGTAGTGATCGCATGCGCAATGGACATT$ GCACCATCAACTTTTCCCAACTCAGTCATCATGCCGCTGGTTGCCATTCTTCCACTAAGCGCAATATCAACACCCTGCTG TAAATTCACACGTATGGCGGCAATATCTTCCTTAAGAACTTTGAGCAGCTTTTTATCATCCAGATTATCAGCCTCTGCTT TCAACTGATTTACCGGAGAGCAGCGCTAATGTCTTATCGATGATTTTTTGGTCAAAACGTTCACCAAGTTTTTGCCGAAG AACATCACGTAATTGTGCAAGATGAATGGTTCTGAGACTGGATTCACCAATATTTTGTGCGTAATAACCACTTTTACGCA TCGCACGTTTAAGGCTTTGACTTGAAATTCTTACTCGTCTTTTGCCGCCGAAAATAGCGTCTTTCTGCATGTTCATATCG  ${\tt TCGCGGTTCAGACATGAAGGGCTGTGAGAGATCAGAACATGAATATTGATAAAGTTAGACATAGAAAGGTTTCCTTACGC}$ ATTTTTGTTTGTGGCAATACAAAATCTTCCAGAAGTTGCTGGCGTTCGCGCTTTCCCCACCAGGTCAACATCCTGGCCA ATTAATTGAAAGATACGGCGCTCGTTAATTCTTCCACTATTGGCTAAAGCTCTTCCCAACGAGATACCTGTTGTTTGCTC CGATTTTTTGTCCTGATGTCGGATGACATTCTTTCCTGCGCTCAGGCAAAACACCATGCGCAAAAGAGCCTGCTGGTGAC GTGGGTTTTCCCAACCAAAGGTTGCACCAGCCTATAAAACGCAGGGATATCGCGTAATTCATCAGGTTCTGAAACACGT CTAATTTGCGCACATGATCCATTATCCAGTTGTTGCCAGGCTCGATATAAAGCCATTGCATCAATTTCATCAGCCATTTG GGATGATGTGCATAGGGAGCTACAGATTGATTAAATAGCATTTCACACAATTGATGAAGTTTGTCTCGTAAATCAGCTAT TACCTCATCAGCCTGGGAAAAATTAACATTCGCCAGTACATCGGGAATTAATAATTCACTCTGTCGATAGAAATGCCTTT CTGCAGTCTCATGAACAGAGACTCCGGCCCCTTTGAAGTCTTTATTTTTAAACCCTTCTGCAAAGGTATATAACGCCTTG CGTAAGGCTGTTTTATATCCCAAACCAACAGTCACTATTTCGTTTATCACATTGCCGTATTGTTGCCACCCCTGATTAAA CATCAACACATCATGACGCCGTTCAAGAATAGATGCTTGATTATTACGATATCCCCCCATAATCAATTCAAGAGGACTTT GCGGCGCAATATTTCTGAATTGATTCACAACCGCCGCCACGCGATTTCCATTTTCATTTTGAATAATCTTATCTACCACA  ${\tt ACTCGGCTGATTTGTGTCCATGATGGTGCGGAGGTGGTGAAAGCAAGAAATTTTTCCTCAACCTCCCCTTTCTTGACTGT}$ TACCAGACAAGGGGAATGCGGATGGGGCCATAGCCCATTAACTGTAAAGGTAAATTTTTCCTTAAGAAAACCGGTATAAC GCAAATTGCTTTCCTGTCCACAGCAAGAACATTTACCAATCCCAATGGGATCGCATAATTCAATATGCGCTGGTTGCCAG TTCCGTATGTGATTCATTAGGAAATTGTTTTTGAAGACGAGGTAATGTGAGGACATTGAGTAACACCGTTGAACGAAGAT CGATCCCACGTACGAACGTTGTTACAGGTGTTCCTCCACGTAAACCGCTTTTAAAACCACCACCAAAACCTGGTGCCTGA ATTCGTCGCGCCGCTTACCCCAGCCAACAGTTTTTCCATTGGAGTCACATCATTTGCTTTGACACCTTTGGTCTGCATAA  ${\tt AGGGATGTTCTGCGTGATTAAGGTAGAACATATCTATCCACGGCGCGATGAGTTGTTGAAACTCATCTTCAGTGAGCGGA}$ TTCATTATGCGATGTCGAAATTCAACGTCATCTTTTGCCGGGGCGATAATTTGCCCAATGCAAACCAGCAGTGCTAAAGC GGCCAGTTCCATATCGTCACGGGGCAAACTTAATCGCCACTGATCTCTACTGCAGTATAGCGATTGCAGATTTATGATTT GGACTTTCCCCCCGTTTCGCGGGCGTACAGGGATCCAGTTATCAATAAGCAAATTCATTTGTTCTCCTTCATATGCTCCG  ATAATCACATTCACTGCAAAAATATATTCATTGGTTTAATACAATTAACCTATACATATATTAAGATGTGTTGAATTGTT ATGAATTTTATTACATAAAATATTCATACTGTGAATATAAAATCTCATACCGGGAAATTAAAAGAAGATGTACATTGTGC ACCTTCCCTACTTAAGTAGGGATAAACCGTTATTGGTCTTATTATCGTCATTGATAACAATCATTCCCGAAGTTATTTGG GATTTGCAGGGATGACTCTGGTCATCCCTTCATCCCCTGTATAGGTAATAACAATACTGTTACCCTGCCAGACCCATCCA TCCAGATTCTGTTTCCCTTCCAGCCAAAGTAACCCATCTTCATCTACTACTTCAGAAAAACTACGTTTCCAGGTGAAGGG TACATTGACGCGATTAAGTGCAAGCGCCTCATACTGCTGTTCATGACTTAGGTCCTCGTAGACCTGGCCATCGAGCAGTT GTTTACCTGAAGACGTTTGTACATAAGGCAATAATGGCAGGCTCATTTCCCCCATCCCTCGTTACCGCAAGAATGGTTTCA TCGTTATCCTGCAAGCTATATTCTTCAGCCCACTGCAGGACCTTGCGAGCCTTGAACCTTTTTTCACACTCGGCGCTTTC AAATTTATCCATGCCATTGCCGACCCATTCTGGCTCATCCATTTCCGCATCATCGTAAATGCTATCCAGCCATTGCCGGT TAAATATGCTCATGTCGTCCGTAACCCTCGCCATCAGGCAGCAAAATGGTGGCAACAGGAATCTCAAAACCAGCGGGACG ATATTTGCGATGATGGCGATGTAAACGGCCCAATCGTTGGAAAAGCAAATCTGCAGGACAATGCTGAGTAATTAACCAAT AAATTGCTAATAACTCGATTCTCTTTTCACGACGATCGTTCAGCGTAAAGCGCGCATGAAACAAATCTATATCTACTTG ATCGAAAAGCGGGGCGGAGTTGTTCTGGATGAGCTAGCAGATCAAAACGTTGCGCACCATTCACACCTCGCCAGTTAAT GAGTGGATATGCGGAGTTATTTTCCACTGGATCTGTATGCAGACCATAAGTATCCAGAAGTTTCTGTTTTTGTTTCATTG GTAGGGTTGCGGAAAGAATAACACTCCCTCCCACATCAGCCTGAGCCTTGAGCACTGCCTCCAGCAAGCCGTTCATA TAGGTGTCGTAAGCATGAACTTCATCAACAATTAAAACACTTCGACCAATTCCCAAACCACGGATAAAGCGGTGTTTAAC TGGCAATACCGATATCAACACCTGATCAATCGTGCAAACGCCGATTTGCCCAAGAAACACTTTCTTATTGCTTTGTGACA TTAAACCGTGAATTGCCATGAGCAAGAATAAGATTTGGGGATGAAAATAAGTGGCTCGCGCTCCCTTCCATTCTCGTAAG AGGCCAGCGCTGTTTCCGTTTTACCGGAGCCTGTAGGTGCCTCTATTACCGTCAGCCCGGGAGCTACTGGAAGAGCATCA AAGTCCACTCAACTCCAATACCCGGCTCGCATCCTGCTGTCGGTCCTGGAAATACGTTCTCAGAGCATTTATGTCGGAAG GCGCATCCTCATTAAACAGAAAGGTATTCGTTGTAGTCCAGGAGCCTAACCAGTCAGCAAGCGAGCAAAAACCTGCTAAC AGTGATGAACAATCAGGTGGTATATCGTTTATAGATAACCCCGCTGGCGTTAAAAATAATGCTTCCAGTACAGATATCCA  $\tt CTCCTCACGAGCCTGTTTATCTTGCGCAGCATAAGATGCCAGAGAAGCTGGCATTTCCCAACGCGACTTATCTTGATCCT$ GGGAATGTAATATAAAACCATGATGTCCTGTAACGGCCTCTACCCATGGAAACCAGGACTCATAAGGATGAGGAGCGGCA TCAAAAAAACTGAAAAAATCCCCGAGAGATTGCTCTGAAAGTGAATCCTGGTTAAACCAATACAGACCGGCTGCACCATG ATTAAATTTACGGCACATTTGTGTTGATGGACCATTAAGTGATGGCGTTGCAGGATTTAATTTCAGCCAACTTTCTGCTG ATTTATATTGGAATCGTATATCAAACTTTCCAATATCATGAAGAGCAATGAAAAATAACAGCCAGGCCTTCACCCTCTGT ATCAAGGCAATGATAAATTAACAGATGAATATCATTTCCTTTCGTCAAGCTTTTTGAGGATTTTCCCCAGTAATGGCATA TATATTTAAAAGGTTCCATTAATAGCCTCCCTGTTTTTTTAGTATTATCGATGATATCAGCGGGCTATTTTTCGATGCTG CTCATAAATATCGAATTACAGTGATATACACATGTCTTGCCTCCCTGCAAAGAAGAGACTAACATTCGAATTGTTTGGGT TCGAACGCTGGCCTCAGGTTGATAGAAATATCGCCTGGGGCTTTTGTCCATCTGGAACCTCGCGAATGCTTAACGCCAGA CAGCCTCAAGCACCCGACGCCATTCTATACCTGATAATTCTTCCCGCGGGGGTTCACGTTTAAAATCAGGAATGCTGCTCG GATAAATATCCTTCATCCCATAATGGGTGATATTTCAGGCCATGTTTTTTGCAGGTACTGATAAATAGTTCGGTTATCCCA GTCGATAATCGCCACCACTTTAAATACGCCACGCTGAATTGCCAGCACCGGTAAATTGGCACGACTGCCGGATTGTTCAC GGCGCAGGCCAGCAAACCAGGTTTGCGCATTCAGTTCTTTCAGAGCCCGGTTCATCGGTTCGACTTTGTTGATGTCATTG TACTTTCAATGCCTTCAACGCCCTGCTCCCACAGTTTTCCGTAGCGTGCTTCCTGCCAGGCTGCGCTTTCGGTAGCACG GTACACTTTCAGGTTGAGCTTGAGTTTGTCCGTTAACTCGTCAATAAAGCGGTAGGTTTCCGGGAACAAGTAACCCGTAT GAAAGTACATATTCACCGGGCAGATTATCCAGCGCCCAGGCTACGCGGCCTTCAGCGTCCAGTTTTTCCAGTTCGGCGTT CACTGTTTGCCTTGCCTGATGCGACGCTCACGCGTTCTTATCAGGCCTACAAGACCCGGGCTGATGGTTAATCCCACAAAT TTCGCCCAGCGCCCTATCAGTTCATCAAGCGACGCCAGGATTTCCGGCTCGGTGATGTTTTCTTTATACATCCGTGGGAT TCGCGCGACCACACCGTTCGGGCAGCCTGTTACACGCATCACGATATGCTCATCGCTGACACCATGTTTCGCCATTAAA TTATCGATGTTGTCGATAAAAGACGGCAGGAAACGCTCTGCTTCCGCCATCGCCAGCGGGCAAGTCGGGAATGACACGCA AGCAGGCCGGTTTTCAGCGGACGCCCGGATAATCAAGGATGCGACCATTTTCGATAAACAGCGTCAGGTGCCAGTTATC ATCAATGCCCTTAACCCAGCCAATACGATCGCCTCGTCCGGTGAACTCATATGGACGGATCGGTTCAAATTTGATCCCCG GTTCGGTTACCCCAGTCACGTTGTCACGACGCTTCGGCCACCGCCAGCGTATGCTCCAGCGGCAGATAGCCAAA  $\tt CCAGCTTGCCGTTTTCGGCGATCGCCACGAAGTTCATGTCGTTGGCGTGCAGATCGATATCGTTCTGTGGCGGGATCACT$  ${\tt ACCGTGGTTTTGAATTTACGCGGCAGGTAGGTCTGGCCGAGGATCGGTTCTTCATCAGTAGTGGCGACTTTTTCCTGGTC}$ GAGCCAGATCTCCGCATACGCGCGGGTACGAGGCAACAGATGCTCAGAAATCTTCTTCGCCCACTCGTACGCTTCCGCGT  $\tt GCAGCTGCGACTCGTAAGGGTTCGAGGTGCAGAGTACGTTACGGTTCATGTCGTTAGCTGTCGCCAGCGCATCAAGACCGGTTAGGT$ GCGAATGCTGCCATAGATGGTGTTTTCACCGGCAAATTTGTCGATCGCCTGCCACTGTTTAGTGGTAATCACCCCACCCG GCAGACGACAGCGAAGCATCGCGTGGCGCGCGCTCCAGCTTCTGTTCAGCACGTTCGGCGCGGATGTCGCGGTCATCC TGCTGATACATGCCGTGGAAGCGAATCAGCAGGAAGTTGTCGCCCTTAAAGCCGCCGGTCAGACCGTCGTTTAAATCTTC  ${\tt CGCAATGGTGCCGCGCGGTAGTTGCTTTCATGCTTCATGCGCTCTGTCAGTTTTCCTTCGACCACTAAAGGCC}$  ${\tt
AACTTTTCTTTTTGATCGCGCGACCAGGCAAGATCGATACGTGTCAGCACGCCATCTTTGACGTAGCGCTGCCACTCACTCA$ GCGGAAGTTATCGTTATGTTCGATAAATACGCGGACTTCGCCCTCTTCTTCCACGCGGTCAGCGAGGAAGCTGGAGGCAC  $\tt CACCGGCACGGCCGCCCTTCCACGTCGTAACGCACCACACCAACGGTGACGTGTACTTCGTTCTCGACTTCCGCCTGC$ GAAACGCACCATGTCAACAATCGGCGTCGTCGCGGCGTAATGCTGTAACTTCGCTTTATCGCCCACCAGCGGCAGCAGTG TTTCACTGCGGGTAAGCGTGGCGTAATTCTCAACAATGTTGGCGGTGTTGACGGTCAGTTCGAAGTGCCACTGTAGCGCT  ${\tt CAGTGCCGGATCGTTCTGATACCAGACGCCCAGCGCGTCACCCGGCTGGTAACGCATGCCCGAGTCACCTAAGTCAATTT}$ TTGCTGTACGGGCTGTGTGGATTTCATTTACCGCGCCAGTAGCGACGGATTGCGAAGGTGCCGCGACAGGCGCACGCGA TTTAAGCGCATCAACCACGCGGGCGCCCACTCGCTGGCAGCCGCTGGTATTCAACATCGGCATCGACACGGTCGAGCA GGCGTTCACCACCCAGTTCCGCCAGCTTGCTGTCGAAATCTTTCCCGGACTGGCAGAAAAATTCATAAGAGCTATCGCCG GTGCCAGTTGCTCCGGGTTCAACGGAAGCAACGCGGAAGGTGGGACCTGTGTCGTCATGCGTCGTTATGTTCCAGTAAGC TAATGAAAAACAAATGAATTTAGCCAATCATTAAGATAAATCAGCGATTTTGCGCAACAAGTCGTTTTAGATAATGCGA AAAAACAGCCTTTCCGGTACTCTACGGCGGTTTTATCGTCCTGTAGAGAAATTATGATGTCCACCACGTTATTTAAAGAT TTCACCTTCGAAGCCGCTCACCGCTTACCACACGTCCCGGAAGGGCATAAATGTGGTCGCCTGCACGGGCATTCCTTTAT GGTGCGACTGGAAATTACCGGGGAAGTCGATCCGCATACGGGCTGGATTATCGATTTCGCTGAACTAAAAGCGGCGTTTA AACCAACCTACGAGCGCCTCGATCACCATTATCTCAATGATATTCCAGGTCTGGAAAACCCAACCAGCGAGGTTTTAGCA AAATGGATTTGGGATCAGGTTAAACCCGTTGTGCCGCTGTTAAGTGCGGTGATGGTAAAAGAAACCTGCACCGCAGGTTG TATCTATCGCGCGAATGATAAGAGTGTGTCGGCGGTCAATTTCCCTTAAGTAACGCTATGTTAGGGTGTTGTGTTCTGG ATATCTGGGGCATGACATGGAAGACGACTGCGACATTATTATTATTGGTGCCGGTATTGCAGGCACCGCTTGCGCGTTAC GCTGCGCGCGGGGTTTATCCGTTTTGTTACTGGAACGCGCTGAAATCCCCGGCAGCAAAAATCTTTCCGGCGGGGCGG  $\tt CACGATTCGATCCGTGGTTGCCGAAGCCGAAAAAGAAGGTGTCGAATGCATCCCCGGAGCGACGGTGGATGCACTG$ TATGAAGAAAACGCCAGAGTCTGTGGCGTTATTTGTGGTGACGATATTCTCCGCGCCCGTTATGTGGTGCTGCCAGAAGG TGCCAACAGCGTCCTGGCTGAACGTCACGGGTTAGTGACTCGTCCTGCTGCGAAGCGATGGCGTTGGGGATCAAAGAAG TGCTGTCGCTGGAAACATCCGCTATTGAAGAACGTTTTCATCTGGAGAATAACGAAGGCGCAGCGTTGCTGTTCAGCGGC  ${\tt TCAAAAACACGGAATCACTGGAGTATGGTGCGCATCTGGTGCCAGAAGGTGGCTTGCACAGTATGCCGGTGCAATACGCC}$ GGTAACGGCTGGCTGGTGGGCGATGCGTTGCGCAGTTGCGTCAATACCGGAATTTCCGTGCGCGCATGGATATGGC GCTGACTGGCGCGCGGCGCGCACAAACGCTGATAAGCGCCTGCCAGCACCGCGAGCCGCAAAATCTGTTTCCGCTTT GGATGGTACCGTACGTGCCTGCGTTAATGCAGGATATTTCCCGCGATTTATGGGATCAGGGTGATAAACCTGTTCCACC GTCTGTAGCCCGTAATCTCTGGCGCGTTGCTGATGCGCCGCACATTGTTCCGGCTGACTCCGTTGAGCGCCAGACGGCAG AACGGTTGATTAACGCCTGTCCGGCAGGTCTTTTTTCGCTCACACCGGAAGGTAACTTACGTATTGACTATCGCAGTTGC  $\tt CTGGAGTGTGCCACCTGCCGTTTGCTGTGCGACGAATCAACACTACAACAGTGGCGCTATCCGCCTTCCGGATTCGGCAT$ ATAAAGAAGTCGTTATTCAGTTTTTGAAACTGGTGACCGAGGCGGACGGCATTATCAGTACCAAAGCCTCAATGTTGAAA  ${\tt GCGGCAAGAGGGGTTTTTTCTGTATTCATCGCCTGTTTATTGTTGATTCAATTTCGTTTCACAACATTGATAAGCA}$ AGTTGCGCAATCGAATCCGGATTGTATTGAGATCCTGCCAGGCTGTATGCCCAAAGTGCTGGGCTGGGTGACAGAAAAA TCCGCCAACCGCTGATTGCCGGTGGGCTGGTGTGCGATGAAGAAGATGCGCGTAATGCGATTAACGCGGGTGTCGTGGCG  $\tt CTTTCCACCACGAATACCGGGGTCTGGACGTTAGCGAAAAAATTACTTTGACGGGATAATCGTAACCAATTGAATTTGGT$ TTGATTTGTAGGCCGCACGCCACATCCGACATTCAGCGCCTGATGCGACGCTTGACGCGTCTTATCAGGCCTACAAGTCC CAAACTTGCTATTGCGTACGCCCGCCATTAACGCTGCTGCGCCAGAAGCGCCAACAACAATACACCTCAGGTGCCAGC AGATGTCCGGAAATACCAATCACTTTTTCAGCATCAACGCCACCGTTCATCACTCGCGCCCGACTGTAGCCCACTTCGGC AGTTGTTGCATTCCAGAGGGCAACGTGGCGTTTTTCGCTGCTCCCGCCTGACGCGCCAGGGAAAGGCATAGCGGGCGTTT TTCTGTTTGCAGCGTCGCCGTTAGCGCATTTCCCCAGTGGGATTTGCGCACGCTTACGGTTGGAATATCTAACGAAGTCA ACAACGTCCGCAGGCGTTCGCTGCCACTGTTCCACCAACGCATCCAGCACCTGTTCCGCCACTACAGGCTGAGGTTCAAT   ${\tt TCACAATTGCGATATTCATGGCTGCATCCTTTGGCGTAAATAGTCCTGCCATAGCTTTTGAGCTTTTTCTGCTACCGTTT$ GCCCATCAATCAGCGTCGCTCGCTCGTTGCTCTTGCCAGTTGCAGACACTGCATCGCTGGCATTTCGGCAGCA  $\tt CTGACGCACGCAATCACCGCAGGCAAGCGAACCCGGCAACAACGCAACCCATGTTCAGTACGCTGTTCGAGGGTGATAA$ AGCGACAAATTCCGGCGCAAAGCGCAGATCTGCCGCCGTCTCCAGCAATACAGCTTCCTCAAACCCAAGAGCCATGAGAT AGCGCAGCCAGTGCAATGCCCGTTCATCCCCCATGCTCAACGCGGTTAAAGACATCGGCGTACCGTTTTTTCTCTGCGCC AACAGCAGCGCGGCAGCGGCCTGTTCATCAGCACCGAGTAAACTTCGCAGTAGCGAAATATCCGGTCCGCTTTTACCCTG AGCCGCCGCCTGCCACTCTTTTTCCGCCAGCATTCCGGCATCCGGTTCGGCTTTAAACGCTAACAGAATGTTCATTCGCA CAACACTGTCGCCAGGAGCAATAAGGTGACTTGCATTCCCCACTGCGCCAGCACCCCACGGCAGCAGCAGCACTACTTACCG ATGCCCACCAGATTACTGACTGCCGAAATGGTGGTGCTGAAGAAGAACAAAAAGCAGCAGCGTTAATGAACTGCCGGAAGG ATAGTCTGGGCGATAGTTGGCAGCCAGGTATAAATCACAAACCATGGGATTACGAGGCAGACAAAGAAGACGCTGTTAAA  $\tt CGCCGTGCGCCAGTAACGCGAAGAGAACAAGGTTTTGATGTGTTTATGGGTCGCCGTTACCACTTCATCGCCCAGTA$ AAACATGGGGACCAAAATAGCGATGCACGATAGCGTGAGCTTCTGCAAAACGCCCCTGGCGCAGTAGCCAGCGTGGTGAT GTTTTCGGAAATAAAGTGATGTCCGGCAATACTTGCCAGCACATAGCCTACGGTCCACACCACGCTGAATGCGCCCAGCA AAATACCGCGATGGCGCGCGGGGAAAATTCAGCCAGCAAGGTGTGACCTACTGAATAATCGCCTCCCAGACCAATGCCA GCTGAAGGTGAAGATTTTTTTGCCGACCAATATGGTCGGAGATCCACCCAAGAACCAGGCTGCCAAGGAACAAACCAAGGA ATCATCCATTCGCACCGGTGAAGTGTTCATCTTTACCCCTTCATTGTCCGGTAATAAGAACGGCTTCTCGCCTGAGAAGC ATGCCATTAGGATCGAACTGCTTTTTCAGCCCTTCCAGCAACGCCCCACGCGCTGCTCCAGTTTCCAGTTTGCTCCAGTGAAC GCGATGTTTACCGATACCGTGGTGCTGCACCATCGAACCGCCGAGGCGAATGGTTTCTTCACAGATGATCTTGTTGAGCG GATTGTGGTACTTGTCGATTTCCTCTCCGGCTTACAGTCAACGACGTTGTAATCGTAGACGAAGTACATGTTGGTGCCG TTCTGATAGCTATGAGAGGAATGACCGCCCAGCATGGTGATGTCGTCGGCGTGCGGGAACTCAGTACGATACGGTTAAT TCTGCACACGTTCGGCAGCCACTTTATCCGGTCCCCAGTTCAGGTTGTTAAACCAGGTTTCGATCAGCTTGCTGTCCACG CGCTGGCATTGCGGGTAGCGGGCAACGATTTCCGCAATCCCTTCGCCCGTCACCTTCGCAATGCGAGGGTTACCTTCAGC CATAAAGATCAGCACGCATTTTCCGTCGGCAAAATGGGTGAAGTGTTGGGTGCCATCTTCAGCGTCATACAAACGAGCGA TTGACGGACGATACCCTTCCACCATGATTTCACGCAGGATGTTGAAGCCGGTTTTCATGTCTTCCAGGATATAGCCGTAG AAGAGGTTGTTTTCCGGGGTGAATTTAAAGATTTTCACTGTTACTTCAGTGATATAGCACAATGCACCTTCGTTGCCGAT GATGATGTGACGAATGTCCGGGCCAGCCGCGCGCGCGTGCCACGTTTTTAATGCGTGTGACGGTGCCATCAGCCAATACTG CTTCCAGACCAACGACCATATCTTCGATTGCGCCGTAGAGTGTGGAGAACTGCCCGATACTTCGGGTTGCTACCAGGCCG  $\tt CCCATCTGCGCCAGCGGCTTTGACTGCGGAGAATGCCCCGTGGTGTAACCTTTTTCACGCAACGCGTTTTCCAGCACTTC$ GCACCACCGAGTTTTCTACAACAGTTTCCAGCCCACCTTCGGTGGCGGAAGCACCGGTACGCGGCACACCGTTAATTTTG TGCGCATTCATAAAATTCAGCACACGGGATACTTGCTCTGTGGAACCGAGTTTTACGACCGCTGCCGGAATCGGCAAAGT AAATGGAATAATCATTAATAAGAGAAAACAGAAACCACCGTTATGGGTTAGCGCACTAAATAACCGCCATCAACCACTAA TAAATGCCCGTTGACATAATTCGATGCCGGACTTGCGAGGAATACGGCTGCGCCCATTAAATCCTGAGTATCGCCCCAAC GGTTTGCCGGAATATGATCAAGAACGCGCTGATTGGTTTCTGGATTACTGCGTGTCGCCAGCGTAATATCTGTTGCATAA TAGCCAGGGGCGATACCATTTACCTGAATATTATATTGACCTAGTTCATCACAATAAGCTTTGGTGAACCCGGCAAGAGC CAGTCGGCACGAAGTCCAGCACCTTATTCAGCTTACAAATACCGGCATTGTTAACCAGAATATCAACTGTACCGAA  ${\tt CCCGCGAGAGGGAAGTTACCTTTCTCATTATCTCTGGTAACTGGAGATAATTTTTAGCATAAGGGCATAACTGCTAATGT}$ GCTTTCCATGTTATTTATTTCAATTACTAGAGACCTGAGAAAAGTAATCCACCTGAAAGGGCGGCTTACTTTTCTCT TTAGCGGCGGCGTTAGTTTCGACCTGGCTTATTTACGTTATATTTATCAAATTCCCATGGCGAAATTTATGGGATTCAGC AATACCGAGATAGGTTTAATAATGAGTACCTTTGGTATTGCGGCCATTATTCTTTATGCCCCCAGCGGCGTTATTGCCGA TAAATTTTCACACCGCAAAATGATTACTTCCGCGATGATCATTACCGGATTACTGGGTCTGTTAATGGCAACGTATCCAC  $\tt CGCTGTGGGTAATGCTCTGTATTCAGATCGCCTTTGCGATAACGACGATTTTAATGCTGTGGTCGGTTCGATTAAAGCT$ GCTGGCGGTGTTTACCATGTGGGTCTTTTCTCGCTTTGCACCGGATGACAGCACCAGCCTGAAAACCGGTCATTATCATCT ATAGTGTGGTTTACATCTTGTTGGGGATTCTGTGCTGGTTTTTTGTTAGCGATAACAACCACCTGCGCAGTGCCAATAAC GAAGAAAACAGTCATTCCAGCTTAGCGACATCCTGGCCGTTTTGCGTATCAGCACCACCTGGTATTGCAGCATGGTGAT TTTTGGCGTCTTCACCATCTACGCCATTCTGAGTTACTCCACCAACTATCTGACCGAAATGTATGGCATGTCGCTGGTGG  ${\tt CGGCGAGCTACATGGGGATTGTGATCAACAAAATATTCCGCGCGCTGTGCGGCCCACTTGGCGGCATAATCACCACCTAC}$ AGCAAAGTGAAATCCCCTACCGCGTGATCCAAATCCTTTCCGTACTCGGCCTGCTGACGTTAACTGCCCTGCTCGTCAC GAACTCTAACCCGCAATCGGTCGCGATGGGGATTGGCCTGATTTTACTGCTGGGATTCACCTGTTACGCCTCACGCGGGC TTCCTGCCGGATGTCTTCGTTTACCCAATTATCGGCCACTGGCAAGACACCCTGCCCGCTGCAGAAGCCTACCGCAATAT GTGGCTGATGGCGTGCGTTGGCATGGTGATTGTCTTTACCTTTTTGCTGTTCCAAAAAATTCGTACTGCTGATA  ${\tt TTGATGGCGGAAGTCAGAGCACAAAAGTGGTGATGTACGATCTGGAAGGTAACGTGGTTTTGCGAAGGCAAAGGCTTATTATTA}$ TATTGAAAGCCGATGCCACGCCTGCTGCGCCGTTGATTAGCTGGCAGGATGCACGCGTTACACGCCCTTACGAACACACT AACCCTGACGTGGCATATGTCACCTCTTTTTCGGGTTATCTGACGCATCGCTTAACCGGCGAGTTTAAAGACAATATCGC TCCCCCGTCATATGCTGTTTGATGTGCAAATGCCTGGCACCGTCCTCGGACATATCACACCACAAGCCGCACTGGCGACA CATTTCCCGGCAGGACTGCCGGTTGTTTGTACCACCAGTGATAAACCGGTAGAAGCTCTGGGGGCCGGATTACTGGATGA TGGCTGCGCGACATGCTAGGCGAGTCGTTAATTCAGGATGCCAGGGCGCAGGATCTTTCACCGGAAGATTTACTCAACAA AAAAGCTTCTTGTGTGCCGCCAGGCTGTAATGGTCTGATGACGGTGCTGGACTGGCTGACCAATCCGTGGGAACCGTACA
AACGCGGGATTATGATCGGCTTTGATTCCAGCATGGATTACGCATGGATATATCGTTCGATACTGGAAAGCGTGGCGCTG ACGCTGAAGAACAATTACGACAATATGTGTAATGAAATGAATCACTTTGCGAAGCATGTGATCATTACTGGCGGCGGTTC GAACAGCGATCTGTTTATGCAGATTTTTGCCGACGTGTTCAACCTTCCGGCACGACGTAACGCCATTAACGGTTGTGCAA GCCTGGGGGCAGCGATTAATACAGCGGTAGGTCTGGGGCTATACCCGGATTACGCAACGGCTGTCGATAACATGGTTCGC GTGAAAGATATCTTTATACCGATTGAGAGCAATGCCAAACGCTACGACGCGATGAATAAAGGCATTTTCAAAGACCTAAC  ${\tt CAAACATACTGATGTGATCCTGAAAAAATCGTATGAAGTGATGCATGGGGAATTTGGGGAATGTGGATCCAGAGCT}$ GGTCGAATGCGTAAGTGAGGAAGGCCGGGCGGGAAACTGCCCGGCCTGAACATACCTGAATGGTTATCCCCGCTGACGCG GGGAACATAAGTTCGACAACTTAAAAAATGATAACAAGTCCGGTTTATCCCCGCTGATGCAGGGAACATAATAAAAACTT TAACTAGTTCGGTTTATCCCTGTTTTTACAAGGAATATTAACTACACTCGATGTCTTTAGAATAAAAGACAATACGAATC GCACTTTATCAATTTTCACTTAAAGTATGAACTGGATATCTTTATTCATAAGAACTATTCATCAACAGCGTATAGAGGCC GTTATGTAAAACCACTCATTAGCCTCAAAACAAAGACAAACTTCCAGATTTATTACTTAACCAATGAATAACAAGCTTAA AAAATATACTGTTATTCTAAAGAAAAATTAACAGGCATTAATTCAATATTAAAAAAATAATAGATTAAAAATTTCTTAAC ACTATTTTGAACATGAGGTGTTACGTGGATATGTTGCTTATTACAAGTACTGCTAATATAAAAACTTGAGAAAGAGATAA  ${\tt CGGGTTATATGGTGGTTTATCCCCGCTGGCGCGGGGAACTCGACAGAACGGCCTCAGTAGTCTCGTCAGGCTCCGGTTTA}$ TCCCCGCTGGCGCGGGAACACCTGTTTTCGCAAATCTATGGACTATTGCTATTCGGTTTATCCCCGCTGGCGCGGGGAA GCACCCATGACCACGTCGGTTTATCCCCGCTGGCGCGGGGAACACGAAATGCTGGTGAGCGTTAATGCCGCAAACACAGG TTTATCCCCGCTGGCGCGGGAACACATTACGCCTTTTTGCGATTGCCCGGTTTTTTGCCGGTTTATCCCCGCTGGCGCGG GGAACACTCTAAACATAACCTATTATTAATTAATGATTTTTTAAGCCAGTCACAATCTACCAACTTTATAGTATCACACA AACAACACATCCATTATGTTAAAGAGCACTTAATCCATTGATTAAAAAGGTAAATATTTAAAAATAACTCTATACAAACTA AAATCTACCAAACTTTACCGCAATAATTTTCACTCCAGCGAAAAATTAATGCCACAGAATTTGTAGAGAATGCTAATGAT CATTTATAACGCTTATAAATGTTTAATCAGGCAATATTTAGATATTTATGTGTTTTGCATCGACAAACGCCAATTACGCGC  ${\tt AATGCAGGTTTCAATGCACAAACGTGTGGCATCATCCTTTTGGCTAATCGGCTGCAGTGCAATGACTCGCGGTTTATCAT}$  ${\tt TCCAGTGCCTGTGACAACACTTCATAGCCGCCGCGCGCATGTTCAGCTTTGGCGATACGGTAACCCAGGTATTCGGTGTGCA}$ TCACTGCTCGCAGCCCCCCACTTATCACTCTCTTTGGTCTTCGCCAGAATGCTGAAAAGGGAAGCTTCCCGATCCTCAAG CTTTTCCCAGGTGTTTTGGTGTCGCACCAGGCACCGGCCAACCGGGCATCCCTGTAAACGAATAAAAATGGCGGGAACGC AAACATATCGTTAATAATTAAAGGGAGTAACGTATTATGTCAGAAGAAAATAAAGAAAATGGATTTAATCATGTCAAAAC TATTTATCCAGATTTAATGAGAAATTTATAATGCGCTATTTCATACTAATGTTCACTTTCGTATGTTCCTTTGTTGCAGC TGACGCACAAGTTAGAATCTATTTTCAATAATACCCAAGTGCAAATTGCCGTATTAATTGTTCCCACAAACCAAAGACGAG A CAATTGAACAATATGCTACAAGAGTTTTTGACAATTGGCGTTTAGGAGATGCCAAACGTAATGATGGGATACTGATCGTATATCATCCGTAGCAACATGATACCCGCATTTAAACAACAAAAATTAGCTAAGGGATTAGAGCTATAAACGCTTTG AATAACCAACTCACTTCACAACACCAATATCCGACTAATCCTTCAGAAAGTGAATCAGCGTCTTCCAGTGATCATTATTA  $\tt CTTTGCTATTTTTTGGGTATTTTGCAGTGATGTTCTTCCCTTTCTGGTTTTTTCATCAAGGCAGTAATTTTTGTCGCGCAT$ GTAAAAGTGGAGTCTGTATTTCAGCAATCTATCTTTTAGATTTATTCCTGTTCTCCGATAAAATTTTTTCCATTGCTGTA TTTTCCTTCTTTTTACTTTCACCATATTTATGGTCTTTACCTGTTTATGTGTACTTCAGAAAAGAGCATCTGGTAGAAG GCGGCGCATCCGGCCGCTGGTAACTCAACCATAAAAATGCCAGCCCGGAGGCTGGCATTTTTAAATCAGATAAAGTCAG TCTTATGCCTGGCCTTTGATCTCTTTACGACCGTTGTACGGTGCTTTTTCGCCCAGAGCTTCTTCGATACGAATCAGCTG GTTGTATTTAGCAACACGGTCAGAACGGCTCATAGAACCAGTTTTGATCTGGCCTGCAGCAGTACCAACAGCCAGGTCAG  $\tt GCCAGAGTTTCGGTCAGAGAACCGATCTGGTTGAATTTGATCAGGAGTTAGCGATACCTTTTTCGATACCTTCTTT$  ${\tt AACCGTCCCAGTCAGATTCGTCCAGACCGTCTTCGATAGAAACGATCGGGTACTGTTTGGTCAGTTCTTCCAGGAAGTGA}$ GCAGTCCATCGCCAAAGTGATGTCTTTGCCCAGTTCATAACCAGCAGCTTTAACAGCTTCAGCGATAACAGCCAGAGCTT  $\tt CAGCGTTGGAACCCAGGTTCGGCGCATAGCCACCTTCGTCACCAACAGCAGTGTTCATGCCTTTCGCTTTCAGAACTTTT$ GCCAGGTGATGGAAAACTTCAGAACCCATGCGGATGGCTTCTTTCACAGTTTTCGCGCCAACCGGCTGAATCATGAATTC  $\tt CTGGATATCAACGTTGTTGTCAGCGTGCTCACCACCGTTGATGATGTTCATCATCGGAACCGGCATAGAGTATTTGCCCG$ GAGTACCGTTCAGCGATGTGCTCGTACAGCGGCATACCTTTAGCAGCTGCAGCAGCTTTGGCCGTTAGCCAGAGAT ATACCGACGAAACCACCCTCCAGATGTACTTCGGCTTCAACAGTCGGGTTACCACGGGAGTCGATGATTTCACGACCGAT GTACGCGTTGCCGCTCTAACTTTTTTACTTACTTCGCCTGACGTTTCTGGAACTCGCTGGCGGCTTTCACAAAGCCTGCA TGTTGTTGACTTCGTAACGGTGACGATGACGCTCAACAATTGTCGGCGCATTGTACAGCTGGCGAACCAGGCTATCGTCA  ${\tt ACCAACTGGCACTGTTGCGCCGAGACGCATGGTACCGCCGAGATCGCTCTTCTCGCTACGAACTTCAACGTTGCCGTT}$ TTCATCGCGCCACTCGGTAATCAGCGCCACAACCGGGTACTTACAGTCTGGCACAAATTCCGTAGAGTTGGCGTTCTCCA TGTTGGCAACATGGCGAGCGTAATCAATTAACGCCACCTGCATACCCAGGCAAATGCCCAGATAAGGAATATTGTTCTCA TTTAAGGATTTCAACGCCGCGCGTTTCAACATCTTGTGAATCGATCAGTTTGATGTTGACGCTGACACGATTCTTCAGCC GCCTGAAAAGAGTAAAAGTTCACCGACCAGCCAGACGCGGCGTTCCTTTACTGGTTAACATCGCCGAGAATTTTACCGG AGACATCGCCTTCCGCTGACCAGGTGGCCTGATTACCCTTAGCATCAAGATTTTTTTAAGGTGATAGCATCAAGCTTGAGA CATCAACATAAGCAGTGCCGTGCCAACAATCCATTGCTTTTTCACCCGAAAAACCTCACGCGGAATAATTTATTCCGGTG ATTATCATTAGGGTAATTAAAATTGGCAATGGACGTGAGTCTGAAGTGAAAAAGCCCCGGCACGATACCGGGGCGAGGCG TTTTGCGGGTTCAGCGTGCCAGAGGCGACGAAGCCGTATTTCGCATCATCCACTTCGGCATCCTGAGTGGTAGCGCCCGT  $\tt CGGTACGCGGGAAGACGCACGACTGCAGTACCGGTTTTCGCGGCGGTCGCCAGCGTGTCGAACACAGATTTATACAGGT$ TGCCGTTACCCACCACCAGCGCTAACGATGCCATCATAGCCCGCATCTACCAGTGCTTTAGCCGGAAGATCGGATGCGTTA TGCCGGGGTACGCTGGTAGTCAATCTTACCGTTGTGAATGTAACCCAGAGGACCGTAGTTAACAGACTTGAAGGTCGCTA TGCGCCGACCATCACCACCGGTTTGTCGCATTTCACCGTCAGGTCGAGGAAGTAAGCAGTTTCTTCCATCGTGTCGGTAC  $\tt CGTGGGTAATGACGAAGCCGTCGGTCTTATCGCAGTCGGTGTTAATTTTTTTCGCCAGTGTCAGCCAGACATTATCGTTC$ ATGTCCTGGGAGCCGATATTCACTACCTGCTCGCCTTTAACGTTCGCAATGTCTTTTAGTTGCGGCACCGCATTAACCAG ATTTTCTACGCCAACTTTACCCACTGTGTAGTTAGATTTGGTTGCGGAGTCACCACCACCGGCAATGGTCCCGCCGGTTG CTAAAATGGTGATATTGGGTAATGCCAATGCTGCACCACTAAAACCCATAACCAGTGCGGCAAGTGCCGTCTTTTTGAAA AACTCCATTTCATTCCTCCAGTTACGTGAACGCTACGCATTATCCCTTAGCTCTGTATGGGAAATTTGACGTTAAACAAT TTACAACGTGAATATATTTTGGAGATCTACAAAGTTAGAGGCAGGTAACAAAACGAAGAATTAAACGGCATAAAAAAGTA TTATGCCGTCTTAAAATAGAGGATTATTTTAAATTCCCGACCAGGGCTTTGCGGCTATCTTCCAGAGTCACAACGCGGCT  $\tt GGCTTCCCAGCACATTCTGTAATGGGTTACCGCCGCTTTTCAGCACCGCTTTCGCGCCCATTTCATTAATGCTGTCCTGT$ AAAATTCCACCCATTGCCTGATTCACTAATTGCTGGCCTTCGGCGCGAACCTGATCAATGGCTTTATAGTGAAACGTCAG GCCATCGCTGCGCGTTTCAATAATGCGGTTCATCTGCTCTTTCAGCTGCGCATCAAGTTTGGTCAGACGGCTGCGCATTT TGCTGCTTTCGCCCATCTCCTGAACGATAATTTTATCCAGAGCAATACGGGCTTTCTCGACGCGCGTTTTCGCGCCCTTCA TCAATCCACGCCAGCGTGCTGCTAGTTCAGCCTGATAATCCTTCGCCTGCTCGCGCTGGGCGCATTCAGGGAATATTG  $\tt CTTACCGTTATACATCACGTTGCCGTCTGGCGTGATCACCAGATTGCCGTTTTCGCCCTTCACCTGCACGGTTTGCGGGC$ TGACAATCACATCGTCACGCGGCGTGACGCTGCACTGGTAGTCGGCGTGAGCGGTCATTGCCGTCACTGAAAGTGCTGCC GCCAGCAGCATTTTGCGCATCATAGTCTTCCCTCAAGAAAAAATCAGGCCAGCATTTGCTGGCCCCAGATTGATAACAAA GTACGCGTTTTCCATGCCGGATGCGGCGTAAACACCTTATCCCGCCTACTCGATCGTGCATCTTTCCAGGCCTGATAAGC GTAGCGCATCAGGCAGTTTTGCATTTGTCATCGCCCGTATGCTTTCTTAGTCCCACCAAACGTCGAAAAGTTCGCTGGTG  $\tt CGTACCTCATCCAGCTCTTCCAGCCACTTACGCACAATCGCCTGATGTTCTTCGGTGCATTTGCCGATTTCCTG$ AATCATCAACGGTTTTATCAATCTGTTCTTCCGATGTACCTTCCGGGAAATCGCCATGCCACCGAAAATCCTAATTCCTGG  ${\tt AATTCGTCGATGTGCATTTTTTACGCAGACGACGGCTACGGTTCTTTGCCATTATTTCACCCTCTCGAACATTAAGTCC}$ CATACTCCGTGACCAAGACGATGACCACGTTGTTCAAATTTCGTCACCGGACGTGATGCCGGACGCGGTACGTAATCATT TGGCGCGCTTTGTGCCACGGGTCAGGGAAAAAGAGCTGCACCATGCGCAATGAATTGTCAGGAATCATTTTATGCAGCAC TTCAACCGCATCGTGACACATCACGCGCAGGTTGCTTAAACCTTCTTCATGCGCAGAAGCCAGGCACGACCAACGCCCG GTGAATGCACTTCAATGCCGAGGAAGTCCTGCTCAGGGCGATCTTTAGCCATTGCCACCAGCGACGCCCCCATGCCAAAA  ${\tt CCAATCTCAAGCGTCACCGGCGCTTCACGGCCAAAAAGCGCGGGGAAATCCAGCATATCTTCGCTGAACTCAACGCCCAT}$  $\tt GCAGTGGGCGGCCGTTTTCATCAAATTCCGGTGAAATGACGTCGTTTTTCATAAAGGTTTAGTCGCTTGTGAAAGTGTTC$ TGAAAACGGGCATTATCCAAAGTTAGTTGCCGGATGCAAGCATGATAAGGCCGTGGCTGCGGAAAGTTCCGGTTTACACC TTCTGGACTGGTACGATAAATACGGGCGAAAAACTCTGCCCTGGCAAATTGACAAGACGCCCTACAAAGTATGGCTCTCA ATAAAGCGGCACAACAAGTGGCGACCTTACACGGCGGTAAATTCCCGGAAACCTTTGAGGAAGTTGCAGCACTGCCGGGC GTCGGGCGTTCCACCGCAGGCGCGATTCTCTCGCTTTCTCTGGGTAAGCACTTTCCGATTCTCGACGGTAACGTCAAACG  $\tt CCGAAATGTTCGCTCTGTCCGCTACAAAACGGATGTATTGCCGCCGCCAACAATAGCTGGGCGCTTTATCCGGGCAAAAA$  $\tt CGGCAGATTGCTGCCGATAACCTGACGCAACTGACCGCGTTTCGGCATACCTTCAGCCATTTCCACTTAGATATTGTGCC$ TATGTGGCTTCCCGTGTCGTCATTCACCGGCTGCATGGATGAAGGCAATGCGCTCTGGTATAACTTAGCGCAACCGCCGT AGAGGATGATTTATGAGCAGAACGATTTTTTGTACTTTCCTGCAACGTGAAGCAGAAGGTCAGGATTTTCAGCTGTACCC  ${\tt CGGCGAGCTGGGAAAACGCATCTATAACGAGATCTCCAAAGAAGCCTGGGCGCAGTGGCAGCACAAGCCAAGCCATGCTGA}$ TTAATGAAAAGAAACTCAACATGATGAATGCCGAGCACCGCAAGCTGCTTGAGCAGGAGATGGTCAACTTCCTGTTCGAG GGTAAAGAGGTGCATATCGAGGGCTATACGCCGGAAGATAAAAAAATAAAAACAGTGCCGGAGCACGCCTCCGGCAACTTG CATAAAAACAAACACACGCACCCGGAATGATGAAAAAAATATCTCGCGCTGGCTTTGATTGCGCCGTTGCTCATCTCC TGTTCGACGACCAAAAAAGGCGATACCTATAACGAAGCCTGGGTCAAAGATACCAACGGTTTTGATATTCTGATGGGGCA  ${\tt ATTTGCCCACAATATTGAGAACATCTGGGGCTTCAAAGAGGTGGTGATCGCTGGTCCTAAGGACTACGTGAAATACACCG}$ ATCAATATCAGACCCGCAGCCACATCAACTTCGATGACGGTACGATTACTATCGAAACCATCGCCGGGACAGAACCTGCC TGATATTACGATTTCGAAAGAACCTTTCCTTTACGGTCAGGTGGTCGACACACCCGGGCAGCCGATTCGCTGGGAAGGTC ACCATTAACATGGTGCCGAACCACCTTGATAAACGTGCGCACAAATATCTCGGCATGGTCCGCCAGGCGTCACGGAAATA TGGCGTTGATGAGTCGCTGATTCTGGCAATTATGCAGACCGAATCTTCCTTTAACCCGTATGCGGTCAGCCGTTCCGATG CGCTGGGATTAATGCAGGTGGTACAACATACTGCCGGGAAAGATGTGTTCCGCTCGCAGGGGAAATCCGGCACGCCGAGC  $\tt CGCAGTTTCTTGTTTGATCCTGCCAGCAATATTGATACCGGCACCGCGTATCTGGCGATGCTGAACAATGTTTATCTCGG$ TTTCGAATGATAAGATTCAGGCTGCCAATATTATTAACACCATGACGCCGGGCGATGTTTATCAGACGCTGACGACCCGC CATCCCTCTGCGGAATCTCGCCGTTATCTTTATAAAGTGAATACCGCGCAAAAATCCTACCGCCGCCGATAATTCCATTA TTTGCCACAGGTAACAAAAAACCAGTCCGCGAAGTTGATAGAATCCCATCATCTCGCACGGTCAAATGTGCTTTTTCAAA CACTCATCCGCATCACGATGTGAGGAAATTAACATGAATCTTAAGCTGCAGCTGAAAATCCTCTCTTTTCTGCAGTTCTG TTTATAGCTCACTGGGTATCGCAGCGGTCTTTATGCCTGCGCTGCTGGGGGATTGTGGCCGACAAATGGTTAAGTGCGAAA TGGGTATATGCCATTTGCCACACCATTGGCGCTATCACGCTGTTCATGGCGGCACAGGTCACGACACCGGAAGCGATGTT  $\tt CCTTGTGATATTGATTAACTCGTTTGCTTATATGCCAACGCTTGGGTTAATCAACACCATCTCTTACTATCGCCTGCAAA$ ATGCCGGGATGGATATCGTTACTGACTTCCCGCCAATCCGTATCTGGGGCACCATCGGCTTTATCATGGCAATGTGGGTG GTGAGCCTGTCTGGCTTCGAATTAAGCCACATGCAGCTGTATATTGGCGCAGCACTTTCCGCCATTCTGGTTCTGTTTAC TTCGGTAATACCTTCCTGCACAGCTTCGACAAAGATCCGATGTTTGCCAGCAGCTTTATTGTGCAGCATGCGTCAATCAT CATGTCGATTTCGCAGATCTCTGAAACCCTGTTCATTCTGACCATCCCGTTCTTCTTAAGCCGCTACGGTATTAAGAACG TAATGATGATCAGTATTGTGGCGTGGATCCTGCGTTTTGCGCTGTTTGCTTACGGCGACCCGACTCCGTTCGGTACTGTA  $\tt CTGCTGGTACTGTCGATGATCGTTTACGGTTGCGCATTCGACTTCTTCAACATCTCTGGTTCGGTGTTTGTCGAAAAAGA$ TACTCCGTGGTTCTGGCCTTCGCGTTCATGGCGATGTTCAAATATAAACACGTTCGTGTCCCGACAGGCACACAGACGGT  $\tt CAACCGTTTCACGCCATCCGCATCGGTTTCGCTATAAACACCTTGCAGCTCCGGCGAAAATCCCGGCAACAAATTCACCC$
CTTCTTCCAGTGCAAGGAAATAACGTTGAACCGCCCCACCCCAGACTTCCCCGGGTACCACGCAAAGCACGCCAGGTGGA  ${\sf TAAGGCAACGCCCTTCTGCCGCAATTCGCCCTTCGGCATCACGAATCCGCACCAACTCCACGTCACCGCGAATATAAGC}$ CGAAACTGACATACAGATCGTGCATCTCCTGACACAACTGGCGCAGGGTGTAGTCGCGATAGCGCACCGGATACTTGTTA TAAACGCTCGGCAACACCTCAACCAGCGGCGAGTCATCCTCAATATGCTGTTCAAATTGCGCCAGCATCGCCACCAGTTG TGCCAGCTTCTCGTGGCTTTCCGCCGGAGTTAATAAAAACAGAATGGAGTTGAGATCGCACTTCTCCGGCACAATGCCGT TCTCACGCAGATAGTGCGCCAGAATCGTCGCCGGAACGCCAAAGTCGCTATATTCGCCGGTTTCGGCATCGATACCTGGT GTAGTGAGTAACAGCTTGCACGGATCAACAAAATACTGATCCGCGGCATATCCTTCAAAGCCGTGCCACTTCGCCCCCGG CTCAAAACTGAAAAAACGGCGGTCGCTGGCTAACACTGATGTCGGATAATCCTGCCACAATTTGCCATCAACAACGGGCG GGATAAACGGGCGGAACAGCTTACAGCGCGCAAGAATAGCCTTGCGCGCTTCAATCCCTATCTCAACACACTCAGCCCAC AGCCGACGCCCACTCTCCCCTTCATGAATTTTGGCGTTAACATCCAGTGCAGCAAACAGCGGATAGAAAGGGCTGGTAGA AGCATGGAGCATAAAGGCGTTATTCAACCGCTTATGCGGGCAAAAACGCGCCTGTCCGCGGATATGGTTATCTTTTTAT GGATCTGCGACGTCTGTGAGAATCCCGCCTGCTGTTTTGTGCACCGACTGAGTCACAAAGATCCCCGGATCGTTTTCGTTA AGTTCTAACAGCAGCGGCGAGCTATCCGCCATCATCGGGATAAATTGTTCATAACCGACCCACGCGGAATCAAACAGAAT GTAATCACACAGATGCCCAACGGTATCGATCACCTGACGGCGTTATAGACAGTGCCGTCATAGGTTCCCAGCTGAATAA TCGCCAGGCGATACGGCGCGGCAGGTCGGCTTTTTCTGGCGCAACGTCGCGAATTTGCTGGCGCAGATACTCTTCATTA AAACAGTGCGCATCAATACCGCCAATGAAACCAAACGGGTTGCGTGAAGCTTCCAGATAGACCGGCGTCGCCCCGCCTG AATCAGCGCGCGTGATGATTCGACTTATGGTTGTTACGGTCGAAGAGCACCAGATCGCCACGCGTTAACAGCGCATTCG TCACCACTTTATTCGCTGCCGATGTGCCGTTCAGCACAAAATAGGTTTTATCGGCATGAAAGACTTTGGCTGCGAATTTC TGCGCATCTTTCGCCGATCCTTCATGAATAAGCAGATCGCCCAATTTTACGTCAGCGTTACACATATCGGCGCGAAAGAC GTTCTCACCAAAGAATCGTAAAAATGGCGTCCGGCAGGATGCTTTTTAAAAAAACGCACCATGTTGATGTCCAGGGCAAG CAAAGGTGCTGTTGCCCATCTCAACGTACTGCGTCAGCGTGTCATAAAACGGTGGCAGCAAATTCTCTTCATACTGACAG GCTGCGGATTCCAGCTCCAGCCACTGCTGCTCGTTGCCGTTGATTACCGCCGTAACGCCCGCAGGTAATTCAACAGCATG TTCGGAATACAAAAACACCGGTAGATGAAAACCGGTGCGCTTAAGCAACGCAAGAATGCCACTGCGACTATCCGCAGCGG AGTTCACTACTGGCGGCAATATTCATTGATTTCATAAGCGCAAACCCGTTTCGGGGAAGTAAGAATACCGGACAAGGTGG AAAACCCTGCCCCATGAGATATGGGTCAAACTGGTCACCAGCTCCGACCGCCAGACATCAGTAAAAGCAGAAACGCTCTG ATTTTACTGTTGTCCTGCAGTGAGCGTTCGCTTAACTTCACCGCATGAGCAGTAACATAGAAAGGGAAACGTTTCGCGCGA AACGGCGATAAGCGAGAGAATGTAAGGAGATGGCGTGCATCGGGCAAACTCCGTACAGAGAGGAGAAAATTCGCGCAATC ATGGCACCTTTCGCTAAAGCGTGCAAGCCAGGACTTTGCGAACAACAACCATCGACGGCACCAAACGGTCATAATAAG AAAATCAAACAATACAGCTAACAGGAACTCTTGTGGTCATCGGCCCTTTTATCAACGCTAGTGCAGTCTTACTGGGTGGC GTTCTCGGCGCACTGCTCAGCCAACGCTTACCGGAACGTATCCGCGTCTCCATGACATCAATTTTTGGTCTGGCATCGCT GGGGATTGGTATTTTACTGGTGGTGAAATGTGCCAACCTTCCAGCGATGGTTTTAGCTACGCTACTTGGCGCTCTAATTG GATGAACGAAGGGATGACCGGCGATCCGAGTATTTTAATCGCCAAGTCATTTCTTGATTTCTTTACGGCGATGATCTTCG GGACCGCCTGGTTTGCCTGACAATGCGTGCAATATCGGCAAAGTGATGATAGATTGTGCAGTCTGCAGTAAATTGAAGAA ATTTGATTGACGAGACGAGGCGAATCAGGTTTAATGCGCCCCGTTGCCCGGATAGCTCAGTCGGTAGAGCAGGGGGATTGA  ${\tt AAATCCCCGTGTCCTTGGTTCGAGTCCGGGCACCACTAATTCTTAAGAACCCGCCCACAAGGCGGGTTTTTGCT}$ TTTGGATCTGACAATAACCTTCACGAAAAAAATTAGCTTATAAAGTCTGGGGGGAATTACTCTCGCCACGTTAACGAGAGT AATTTTATTGATATTAATCTCCTGATACTTTACCCCCGTCCAAACTCCAGCCGCTGCACATTCACCATCCCAGGCTTCTC AGCAGCACTGACATCAATTTGTGTCACCCGCAGCGCATATTTTTCATCCAGTGCGTTTAACCATTTCAGCAGGTCATTAA ACACCACAGGTTCTATCCAGACCTGAATATTCTCCCCACGATCGGCTATCCGCCTGATGACCACCGAGTGCGCGGAAGCA CTTCAGTCGGGTGTTCATCGCCACCAGCTGCTGCAATATTGTCTCCTGTTGCTCAATCCGTTCGCTCAACGGCTGCCAGA TGAGGACGTAATATCCGACGCTAAACAGGAACACCACCGCTGCCAGTAACATGCCCTTTTCACGCGGAGAACGCCCCGCC AGGTGTTGTGCCAGCCAGTGTTCGCCACGGCTTAACTGGCGTTCACGCCATTGCTGAAAATAGTGAATAAATTTATCGCG TAACATGTTATTTCCTCCGCAACGTTACGCCGCCGGAAACCGCATCACCCTCTTTCTGTAACGCGTCCTGTTGCACAACA TAATCGGTTGCCAGTACACTACGCAGTTTGTCGAAACTGGCAAAGTTCGCGGCCCGTAGCTGGAGGTGAAGTATCTGGCG TTTTTGATCAAAGGTAAAACCACGCATTTCGATGTCGGAAAGTGACGCTGATTTCAGGGTGCTGGCTATCGCTGACAACT  $\tt CGGCGAGCAGCCGGGTATCGTCGGCCTGTGGGCGATATTTTTTCAGCGCCCATCGTCACCTGAGAGCGTAAATTCACAATCAAT$ TAACGTCACGCCCCGCTCCACTGCCAGCGCAACCAGAATCAGCAATATCGGCAGAATCATCACCCGCCAGCGCGCCCACT GTTTTCGGTAGCTGACGCGAGGCTGCCACGGCCCTGTCAGCAGGTTCCCTTCCGGTTCGCCATAAGTGGTAATGGCGGGC AGAGCTGTAACGGTCAGGCGTTCAGCGTCTGCGCCAGCCCATGCTGATAGCTTTTCCGGTGCAATGCCGACTACGGTTAG GTAGCGCGGGTGATGCCGTTTTCCTGCAACCACTGCGCAATGTTGCGCATATGCTGTTGGTGAATCACTGCTACGGTTGC GAATAGTCGGTAGCGCAGCGCGATGGAAATGTCGTGGCGCGCACCCTTGCGTAAAACCGTAAGTTGAATGGAATCCATTG  ${\tt AAGGTAACTGCCGCATCAGAGCAATCATTGCTCGTGGATCAGTGAAATCCTGCTGATTTAGCGCAATGGCGATATCGCCT}$ TCCTTGAAACCGCTGGCATCGAACAGAGACGATCTGCCCCCGGCTTCGCTGCATAACCGACAATCCCCTCCTTACGCAC AGGCGTAAGCTGGATATAGTTAAAAATTTTCTGCGGATCTTTCGCCAGTGCCTGACGCACGGCAGCCGGGATCTCAACTG  $\tt CGTTCCTCTTCTGCCAGACTCAGACGCTCTATTTTTCCCTGATAACGCAGCATCACATGGTCGCGGTTGATTTCCTCAAT$  $\tt CACCGCGTTGTGAGAGCCAAGCGTTTCACCCTGCAAATAGACCTGCTGTTTACCGCCTTCTTCAATAACCGCGCCGGGTC$ TGGCACCAAAGGCGATCCCACGCACCACATTAAGACGCGTTTCTGCCACAGGCACAGGTTCGGGTTGTTTTACCTGC AGAGATTGTCTCTGGTTAAGAGTGTGACGAATTTTTGTCAGCCATTGAATGAGATAAATTCGTGCGTCACGAAAAACAAC  $\tt CCGCGCCAATTTATATCTACCCGACGTTATGCTTTGACTATTCCACAGGTGGTACGATCCAGTTTCCGCTGATACTGGTT$  TTTGTCGTTGATAGCTGGTTAAAAAGGCGTCAGGCGTCTGCGTGGTTTGTGTACCCGCTTCGCTGATAATGGTCATTTTT ATATTAATACCCTCCCTGGCATTTGTTTTATCGACATGGTAAATAATCTCTAAGGTTATTAATAAGAGTTAAAAATGTCAC TTTGATAATGACGTGGTTATCATTAAAACAATGCCTGTAGATAAAGTGTTGCTATACCGCCCAGACTTAAACACGGTCCA AAAGGCAGTGTGGTTGATCCTCTTTTTGTAATAACGGCATATATCAGGCCGCAGCATGAGGCGATTAAAGCAACATTGGG CAGCGACAATGCCCCCACCCAGCCACCTAACGCGGCGAAAAGTAATACATCGCCCATGCCTAATGCTTCTTTACGCAGAA GGACTCTGCTGCGCCCATGCCGCAATCAGTCCTGTCCACAATACGCCCTGAGTAAAAACATCGGGCAGCCATTGGTGATC GAGGTCGATGACACTCGCGGCAATCAGCCAGGCGGATAATATCATCACCGCCAGCCCCCATCCACTTTCTGGCCAGACCA GACTCGCCAGCAAAAAAGCAAGTGCTGTCAATAACTCCACCAGCGGATAACGCTTGCTGATTTTCGCCTGACAGTCGCGG  $\tt CAGCGCCCTTTGAGCATCAGCCAGGAGAACAGCGGAATATTGTCACGTATCCGGATGGTCTGCTGACAATGTGGGCAGTGCTGACAATGTGGGCAGTGACAATGTGGGCAGTGACAATGTGGGCAGTGACAATGTGGGCAGTGACAATGTGGGCAGTGACAATGTGGGCAGTGACAATGTGGGCAGTGACAATGTGGGCAGTGACAATGTGGGCAGTGACAATGTGGGCAGTGGTCAGAATGTGGGCAGAATGTGGGCAGAATGTGGGCAGAATGTGGGCAGAATGTGGGCAGAATGTGGGCAGAATGTGGGCAGAATGTGGGCAGAATGTGGGCAGAATGTGGGCAGAATGTGGGCAGAATGTGGGGCAGAATGTGGGGCAGAATGTGGGGCAGAATGTGGGGCAGAATGTGGGGCAGAATGTGGGGCAGAATGTGGGGCAGAATGTGGGGCAGAATGTGGGGAATGGGGAATGTGGGGAATGTGGGGAATGGGGAATGTGGGGAATGGGAATGGGAATGGGAATGTGGGGAATGTGGAATGGAATGGAATGTGAATGA$ TGATTGGGTAACGCCAAATCACCACATTCAAAAAACTGCCGATGATCAATCCTCCGACGGTTGCCAGGACGGCATCGCC TATCCGTCCTACGGGTGTCTGCCAGCGCAAATAATCGCGGCTTTCCCCGTCTGTAGGCCCGATAAGCAGGCGCATCGGGC AAATGTGTTAACCCGGTGCGCCTTATTTCATGCCGGATGCGGCGCGAGCGCCTTATCCGGCCTACGGGCTTACTCGGCAG ACATCTTATGCTCGGTAACCTGATTAATGGTTTCCGGTCCCTGTTCCGGTTTCGGCAGATCGAGTGACGCGAGCGTGTTG TTTCTTAAAGAACTCCGAAAGATCCGTCTGGGCGACCCAGGAGGCACACAGCATCAGCGTGTCCGCTGCGTTACCGTTGG ATTCAGCACAGTAATTCTTGCCGCCAAACTTGTCATTGCTGACCTCATCGCCGCGTGCTTTACGATGCATCAACTGGAAC  ${\tt
AGGTTCCAGCCTTTCATCCCTTCACGCTCGCTGTAAAACTCTGGCAGAGGAGTGCCATCTGGATACCATTTCTTGATATC}$ TGTTGCTCTCCAGATATTCCGGTGCGACGGTAATATCGTCAGCGACACGGTTCATCTTGCCGAGATAACGATCCTGC GATAACCCGAATGCGCATCACCGATGGAGATCTGCACATCGTTGGTGAAACGATGTTTGTGGCCCGGCAAGTTTTTATAG AGCGAATTGCTCCAGTCCGCCAGTGTAATTGCTGGCATTCAGGTTCTTCTTCGGTGTGGTATAGACGAAAGCGTCTGATT GTAAAGGTGAAGCTGCAGATTCATTGGTAGAGCTATTGCCCTTGATATAAATCAGGCCACCGTAAGGCACCTTGAACTT  $\tt CACCGTACCGCTAGCGTCCAGAGAGTACGTTTTAGTCACTCTTGGCGGACGGTTCAGCGCAACTTCATGCTTCTCACGTC$  $\tt CGGTCAGGTCGTCAGCCACGGTGACGGTCACAGGAACGTTCGCATTGGACTTAATGGTGACCTCTTTCTGAGCC$ GGTGCCCACAGGCCAGTTGACTGCATGTTACCTGCAAACCATTTGGTCGGATTCGAGTACAGGCTGATGGTTTCAGTAAC GTTCTGTCCCTCTTCCGATACTGCTCCCGGATACTTCTCGACATCAACTTTGATGTTCAGATCCCACCACGGAACGGCCCA GCATCAGGCGTGTCAGCGGTTTTTCCATATAGTTGAGCGGGTAGCTCGGGTTCATCATGCCCGCTTTGCTGCTACCGTCA  ${\tt CCGTAGATCATGTTGTTATCGACCAGCGATTTTTTCAGATCTGCAGAACACTTGGTGCCGCCTGCATAGGCATCATTGGC}$ GTAGCAGTTCAGGAACTCGGTGAACGTTTTAAAGCCCAGCTCGTCATTTTTGCCTTCTTCATAACGATAGCTCGTATCGT TCCACAGCCAGACCGACATGTTCTGGTACAGACGTTCCAGATCGACGCTGCTCAGACGCTCACCTTTGCGACCATTGGTC GGCGTTAAGGCTTAGTTGCGTATACTGTGGAACATACATGCCACCAGTAACCGGAACCCCCGTGCCAGGACGATATTCCA GGCAGTTGACCTCATAGTGATATGCCGGATTAGTACACTCTTTCAGCCCCGGGAACGCGGCGAAAATTTTCTCCTTCGCA GCCTTCAGAGAATCCTCTGTTTTATGATCGGCCTCATCAATAAAGGCATAACGCGTTTCCTGTTTGCCATCTACATCTTC TACTATCGATGGTGTACGGCAGCGCACCATCTACGGCAGGATAACGTTCATAGACCCAAATGCCCGTTGCGCGCTGCTGA  $\tt CAGACGCACAAAACCAGACGCGCTCTCCTTAAGATTGCTCATCACGTTTTCCATGATCAGCACCGATCCACCTTTGT$  TCAGATAGGCGATCAGATCGGTCACATCCTGCTGAGTCAGCTTCGGTTTTGCTGGTATCTGCACGCAGCGGGATTGCATAA GGATCGTTACCCACCTGAGTCACATATTCAAAGCCGTTAAGGATCAGCAGCGGCATTTCCTGCGGATCGAGATCGCCATA GCTACTTAAATGCTCAACAGAGATGCCCGCAAAATCCGGATGGAAGTCGAACGCAGCGCTGTTTCCTGTAACCTGACCAT GACGTTTAAAATAGACAGTATCCAGGTTGGTGCCTACGGTCATGCTGGCTTTCGCGTCCGGCTTCCATTTATCGTCGGAC AGATAGCGCAGCACGTTCTCCATGAAGTTCTTCATGTCATCCGGGTCGCTGTTGAGCGTACACTGCCCATCTTTATTAAC GCCCCCGTTCCAGCTGTAACCGTTCGGGCAACGCAAAATGCTGTTGTAGTGTGGGGTTACCGATAACCATCAGTTTGCCCT CACCGACTTGCCCCAGCGAAATAAACGGCAGGTTAAAGGTGGCGGTATCGCGCGTAACGTTTTCCGGCTCAACAAGAGAA  ${\tt ACGCGCCATCAGAATCGGGAAGGCCGCTTGGAGATATTCACCACCGCCTGACCGCCGCATTACCCGTGCTGCCATAGA}$ AGTTGGTGGAGTCATGGAATACATGGAACTTGCTGACAGATTTGTAGTTCGTATCCACGCCCCACAGCTTGTTGATAACG AATCGCGGTATCGATCTCTTTGGCCTGACCCGTATTAAACTGCTCAATAAATTCGTTAGGCAGATTAACGACTTGCTCAC CGTACATCGTCCGGAACAACACGGGTATTATTTTGCCCGGTCGTCGAATAGCGATGAATAAGCTGATCAATATTCGCCCC GCGAACTTCATCACCCAGTTCAGTCAGCGCAATGGTCGACTTATTGCCGCGCACTGAACCCAGTTCAAAGGTATCGATAC TTGACGCCAGCAACACCATATCCCTGGCTATCGACCAGTCGACCTTCAGAGAGAATGATTTCAGTGGGTTGATACTGATA AAACTGTTCCGCGTTAGCCGACACGAAGGAAGCGTTCAGATCCGGTTTTGTTCCCGGCGTGGTGACGGCACGACCGGTG  ${\tt AAGTATGAGTGGATGGCGCTTTATCGGTCGCAGCATTGTTTTCCACCTCTTCATTGACCAGCTTTTTTGAACTCTTCCGGT}$  ${\tt GCCAGATCGATTTGCTTATACAGCGAGTCGAAGCGTTTACTCTCGATCACCGAGGAGAACGTCAGACAAACCTGTTCTGT}$ GTCGTGTTACCCGCCACGCAAGTAACGTCCTCGCCAGGTTTAAATGTAAAGCCATCGCTGGATTCACCATTACAGGTAGC  ${\tt ACCAGTTACCCGCTGGCTTCCGCCCAGGGTCAGATAACCCGTTTTCGTAGGAACAGGTTCTGGCTCCGGTTCTGGTGTTG}$ TCAGGTTTCACTTCCGGCAAAGACCCTGTTCCAGAATCTACAGGCGGCGTATCGGAGGAAGATCCGGAACCACCGCCATC ACAACCGGCTAACAGGGTTGCGCTCAAAATAGCCGCTAAAAGCGATTTCTTATATTTAAATTTCTTATTCATTAAATAACG CAAGTGACAAAACAATGTTAAAAAAATTCGTAACTGGGAGAAATAGTTTTATGCTTTATCTTCTAATAACTTCCTCCAT TCTTAAGAAAACGACATCATTGATAGAAAACAGGTGAAATTTATAAGAATAACCCCTATACGATGTCTATCTGGCTATTT TTACGAAATTTCAACAAAAAAAATTAACAACATTTCACAACGTAACTATATAAATTTGTTGGTAGTTTTAACGATTAA AATAGATGTTCTCACGCTCTTAATTATTTAGCAGGTTATCTGAACGCAAAACATTATTGCTGCATGGATAATAAAGCGAG AAATGATTTTCAATTAATAAGACAGAATAATGTAAATGAAGCCGGATGATATTAACGATCATCCGGCTTTATTGATTTAC GAGACTAACATCCCGGTAAACACATACGCCTGCAGCAGGGTGATAATGCCGATAACGCTGGCAAAAATCAGACTGTGCTT GAAGAACGGGAACATCACGCCTGTACCTGCCAGTACCAGCGCCAGCGTGGTGGACATGCCAGAATAGTTGGTGACGAAGG CGAACGCCAGCACCATGCCAATCGACAGTATCGGCCACTTCAAGCTAATTAGCGTTTCGGCAAAGACGCCAATACCTTTC TTGATCCCCACACCGAGGATGAAGATAGAGATAATCGCCGCAATAAAAATAGCGGTGCCGCCAGCCGAGAGGGGGTCGAA TTTAAACACCGCATCCATTGGCGTTGGTTGGGCGACAATGGGTGCCGCTTTCAACACTTGTTGATGCAAATGAGGGATCT GGAAATTAATCACCAGTGAATAAAACGCGCCCCGGAGCAAATAACGCTTTAAACGCTTCATGGTCCAGATGGTGACC AGCACCGTTAAGATTAAAAACGGTGACCACGCTCGAATGATTTGCCCCAGACTATATTCTGAAGGCACGGGACCGCCAGA AGATGCTTATTTACCACCATCGCACCTGCGGATTGTCCCATGCTGATTGCCGTTTTCGGTATTTTTCGGCCGCCAGACTT TAAGGAATAAAGCGAGTGAGACGATACTCACCAGCGCCGAAGTAATATCCGGCAGTTCCGGACCAATATAGTTAGAGGTA AAGAACTGAGTGACAGCGAAGCTTCCCCCAGCAACCAGCGCCGCTGGCCACGTCTCTTTCACCCCTTTCCAGCCGTCCAT CATTGCTACCAGCCAGAACGGCACAAGAACCGACAGGAACGGTAACTGACGTCCCGCCATTGCGCCAATGTGGAACGGAT  ${\tt CGATTCCCGTTACCTGACCGGCGACCAGAATCGGCACGCCCAACGCCCAACGCCACCGGCGCAGTATTGGCAATCAGA}$  AGCCGCTCCTTCCAGCAACGCACCAAAGGAGAAACCAATCAGTAACACCTGCAAACGCTGATCGTCGGTGATGGAGATAA  ${\tt CCGAGCTGCGGATAATATCGAACTGCCCGCTGGCAACGGTTAATTTATACAGGAACACCGCCGCGACAATAATCCACGCT}$ ATTGGCCATAATCCATAAATAAAGCCATAGCCCGCAGCAAATGCCATATCAATCGGCATTTTAAAGGCGAATATTGC AATCAGGATAGATAATATAAGGGTTATTGCTCCAGCGACATGTCCTTTCAGACGTAATACCGCGAGTGCAACGAAGAAGA ATATTATCGGGATCAGGGCGACCAGAGCGGATAGCCCCAGTCCTCCCATCGGCATATACATTTGGGTCCAGGTAACCATA TTGTTCAGTCTCTTATTATCTTTATATGCTTGATATACTTAAGGTTGTAATAAGCAAAAGAGGACTGAACTGTAAAATAT  ${\tt AGGCGTTATACTTTACAGCAACAGTACGCCGCTAACGCAATTGCTACCTCTGGCATAACAAGTATATCGGGTAAGGGTTT}$ ATTTAATATTGTTAAACCCTGATAATCGCTCCGGTTATTTCCGGGATAAATGTACTACCGCAGTTACTATCATAGCCCCG  ${\tt CGGTATAGCCGTTTGGCTGTTTCACGCCGAGGAAGATTAAATCGCTGGCAGCTTTAAAAGCACACGAGTTAGCGAAATTC}$ TCAACGCCACATTGTGAATATCCGGCACTTTTGAACAACCAATCCCCTGCTCCACCCAGCGCACCACGTACCCCAGAATC ATCGTCCAGCAGCGGTTCAAATTCAGCATTGAACTCGGTCTGGGCAATGTTGGCTTGTACGCTCTGTACGTTTGGT GGTAGTGCAGCGCATGGAGCGTAGCAGCGGTTGGTGACGGAACCCAGGCTGTGTTTTGCCCCGGCACGCAGTTGGTCGCCC TTCTGGCTGTACATGTCTGCCATCAGGTCCGGCATTGCCCACATGCCTTTACCAATTTGCGCTTTACCGCGCAGCCCACA GAACAGACCGGAAAGCACGTTATTACGCTCGTAGGCTTTGATCCAAGGCGTCGATTTCATCTGATTTTTACGCAGCATCG GGCCAGCTTCCATCACCGAATGCATTTCATCGCCGGTACGGTCGAGGAAACCGGTATTGATGAACGCCACGCGGTTGCGC GCCTGAGCGATACAGCTACGCAAGTTCAGCGAGGTCCGACGTTCTTCATCCATAATGCCCATTTTCAGGGTATTCGGTGC  $\tt CATACCGAGCATTGTCTCAATGCGGGTAAACAGTTTGTTGGCGAACGCCACTTCCTGCGGACCGTGCATTTTCGGTTTCAGTTCAGTTCAGTTCAGTTCAGTT$ AGAATGCCTTCCGGGATTTCATTGCCTTCGCTGTCCCAAATCACAGGAATGGTCATCAAATGACCCACGTTGCGGATAAA TTTGCCGACCGTTTTTCTCCATTTTCTCTTGCAGAGTCCCCTGCATCAGGCCCAGCAGGTTGCGGTACAGCAGGATTTTATCTTCCGCATCAACCGCCGCGACCGAATCTTCGCAGTCGAGAATGGTACTGATAGCAGCTTCGACGATAACATCGTTGAT GTGCGCCGGATCGTCTTTGCCAATCCGCCCATTGGCATCGATTTGCAGCTCAATATGCAGGCCGTTATTTTTCAGCAAAA TGCAGGTCGGCGCAGCGCATCGCCACGGTAACCGACAAACTGTGCTGGAGTACGTGACGTGGTTTCTTTACCATTTTTC AACTGGATGCGTAATTGTTTATCAACCACCTTAAACGCCACCACCACCTGATAGCTGCCGTTTTCCAGCGGTAGAGATTC ATCGAGGAAACGCCGAACCCAGGCGATAACCTGCTCACCGCGTTGCGGATCGTAGCCGCTGACCATCGCCCCTTCCTGCG ATTGCCGGAACCACCAGCTGCGCCCCGCCTGGCTGGTTGATTTCGCTGTCAATGCCCGTGGTTTCCACCGTCACGCGCTC GATGCCACTCATCAAGCGCTGCCTGAATGCGATCGCGTTCTGCCAGCAACTGACGATTTTCTGGTGCCAGATCATGAACG ATCTCATCAAAATTGCGCCAGAACGCCGCAGCGTCCAGCCCTGTTCCCGGTAAAACTTCTTCATCCACAAAACGTTTAAA TCCACAACAACCGGTACGCCGCCTTCCAGCGACGTTAATAACGGCGCAGTCACGAACGCGGTACGTCCGTTGTTCACCAT TGCGCCTCTTCCTGACCTGCGGCAATAATTGCACTCGCCATTTGCTGGCTAAGAATGACTTTAGTTTTCATTTTGTTATT ATCGGGATGCGTTAACGCATATGTTCCCGCTGAACCGCAGCACAGATGGCTGTCGGGAACGTCCGTTAAGGTAAATCCAA GACGAAGCAACACTTTTTCCACTTCGCCGTTCAGCTTTTGCGCATGTTGTAGGGTACACGGACAGTGGAAGGCCAGCTTT TTATCGCCGCGAATTGCCAGTTTTTCCAGCGGTTCCTCGCGCAGAAGTTCGACTAAATCGACCGCCAGTTCACTGACCTG ACGTGCTTTATCGGCATATAACGCATCGTTTTTCAGCATCTGCCCATACTCTTTGACAAACGCGCCGCAGCCGCTGGCGG TTTGCAAAATTGCCTCGGCACCTGCTTCAATCGCGGGCCACCAGGCATCAATATTATTGCGCGCCCGTGCCAGCCCTTTC TCCTGCGCATTAAGATGATAGTCCACCGCGCCACAACAGCCTGCTTCGTTAGCTGGCATGACGCTGATCCCCAGACGATC  ${\tt CGCAGCACCAGCCCTACCTGCGTCAGCGCACGGAAGACCGCCGGACGCGCACTACCTGGCGCAATCCTTCGCGCAGTAT}$ TCGCTCCGGCAGTGGGCGTTTCACTTTCTGCTCGACAATATCACGCCCGATATCCAGCAAATTGTGATAGCGCACACCAG  ${\tt AAGGACAGGTGGTTTCACAATTACGGCAAGTGAGGCAGCGATCGAGATGCTCCTGTGTTTTAAGCGTGACTTCGTTGCCT}$ TCCAGCACCTGTTTAATCAGATAGATGCGCCCGCGCCCGTCCAGTTCATCGCCCAGAAGCTGATAGGTTGGGCAGGT  $\tt CCCCAGTCGATCAGTTGCTCGCCGGGTAAATCCATCATCGGCGCATCACTGGGTAATGAAATGCGCCATAAGGTACCTGG$ TAACGAGAAGAACGCCAGTTGTTCACGCAATTGCTGCCAGAACTGACCGGCAACCTCTTCGCCACCCAGCAGTTCAC GCGCTGCTTTTACCGATCCTTCGCCGCCCTCAAGGCCGATCCACAACGCATTGTCGAAGTAACATAAGCCACTAATGGGT
CGTATCCGGCAACGTTTTTCATCACTTCGCCACCAAAACGCAGATGTTTTCCAGCGCCGGTAATGATGCGCGTGCCGAGG TTCACCATAATGCGGCGGCTCACAGGGGAGCATTTGCCCCGCGCTTTCCAGCGCCCCTTCAATTGTCACCAGCGGCGTTC GTGACAGGGCGACCTAAAAAGGCTTTGCTATTGCTGCCCTGAATCACCAGCGGCGTTTTATCGCTAATCGCCTGATTCAC CTGCTCCAGCAGCGCCTGGCTGTAATCACACTCGCGTAGCATCAGAAACGCTCCAGTTCAGGGAAAGGTAAATGACCGTG GGCAAATTCACCGGGTTCGTTGGCATCGAAAAGGATTAACGGGTGCATGTTGCCATCTCCGGCATGAAAGACGTTGGCAA ATGCAGTAGTAATCCGGGGAGATACGTCCTACCGCCGGGAACGCATTTTTGCGACCGGCCCAGAAACGTACGCGCTCTGC TTCGTCCTGTGCCAGACGGACGTCAGTCGCGCCCGCTTTCAACAAGATGTCGTTAACCCGCTCGCAGTCTTCCTGTACGT GCGCGGATCGACAGGTTATCCATCATCTCCAGCCCGCCGGGGATAATGCCATTGGCGATGATGTCACCAACCGCAAGTCC GGCTTTTTCTACCGAGTCAAAGCTGGCTAACAGAACCCGCGCCACGGCCGCTTCGGCAGCAGTTTTACCGTCACTTCGG TGGTCACGCCGAGCATACCTTCCGATCCGGTGAACAGCGCCAGCAGGTCAAAACCAGGTGAATCCAGCGCGTCCGATCCA AGCGTCAGTGCCTCGCCGTCCAGCGTTTGCACTTCAATTTTCAGCAGGTTATGTACGGTCAGACCATATTTCAGGCAGTG GACGCCGCCGCCATTTCAGCCACATTGCCGCCAATGGAACAGGCGATTTGTGAGGAAGGGTCCGGTGCGTAGTAGAGAT TCGAGGATCTCTTTAAAGCGCGCCATCACCAACACCACCTTTTTCCAGCGGCAGCGCCCCCAGAAAGCCCGGTGCC TGCACCACGGGTCACCACCGGTACACGCAGGCGATGGCAGACAGCCAGAATCGCTGTCACCTGTTCCATTTGCTTAGGCA GAACAACCAGTAATGGACGCGTGCGATACGCGCTCAACCCGTCACACTCGTAAGGAATGATCTCCTCATCGGTATGCAGG ATCTCAAGTCCAGGGACATGCTCACGCAGTGCCATCAGTACCGATGTGCGGTCGACATCGGGTAAAGCCCCATCAAGACG TGTCTTGGTTAACTCAATGTTAAATTGATGTAACATAATCACTTACGTGATGTGCGTGTTTTGCGAGTTAAGAACAGAAA AATTGGTCCTACCTGTGCACGAGGTCCGGGAATGAAAGATGAACGTCGCCCTATTTGCGAAGTGGTTGCAGAGAGTATCG  TGTCGCACGGCTTAATCGGGTGCAGGACACCAGCCCGCTGATCCATCTGTTCAGTACGCAGCCGCGAACGCTGTACGATC TGCTCGACGTTCGCGCATTACTGGAGGGCGAATCGGCAAGGCTGGCGCAACGCTGGGAACGCAGGCTGATTTTGTTGTG ATAACCCGCTGTTATGAAAAAATGCTCGCCGCCAGTGAGAACAACAAGAGATTTCGCTGATCGAACATGCGCAGTTGGA TCACGCTTTCCATCTCGCCATTTGTCAGGCTTCTCACAATCAGGTGCTGGTGTTTACGCTGCAATCATTGACCGATCTGA CGGATCTACAACGCGGTGTTGCAGCGGCTGCCGCACGTCGCCCAGCGCGCACCACCGATCATGTGCGGACCGTGAAAAA GAATCTCCACGATATCGAGCTGGAAGGCCACCATTTGATTCGCTCGGCGGTGCCGCTGGAGATGAACCTGAGTTAGCTGG TATTAAATCTGCTTTTCATACAATCGGTAACGCTTGTACGGCTCCGCCCCAATGCGTTCCAGCATGTTATTCATGCCTGT  $\tt CCGCTGACTTTCAAACGCCACAGCAATTTTGCCCAGCCGAAGGGAAAGAGCGATCCGTTCAGATCGGCAATCGCCTCGTT$ AAAATCTCACGCAGGATCTGCATCTCTTCGGCAAACCGCTGACGATTGATGCAGCGAATGGTCACCTTTTTTGCGCACCTG ATCCATCAGTTTTTTTAGCGCCGGAGAAAGTGAGATCGGTTCGCTGCATCCACCACGCCAGTAAATCAATGCCTTTGT GATAACCCAGTTGTTCAATATGCGCGGCATACCACGGTTTGCCGTGTGGCATCATCGCACAGGGTGGTGTCAAAACCT TCAATCAGTAATCCGCTTTCCTGATTGATATTCAGGCTGAAAGGACCGCTGATCTTACTTGCACCTTGTGACTTCAACCA  ${\tt CGCTTCCGCTGCGCCAAACACGCGGCAAAAAACCTGCGGATCATCAATGGCGTCAATCATGCCGAAATGACCGGTATCTT}$ GTCCCTGATATGAGATCATGTTTGTCATCTGGAGCCATAGAACAGGGTTCATCATGAGTCATCAACTTACCTTCGCCGAC AGTGAATTCAGCAGTAAGCGCCGTCAGACCAGAAAAGAGATTTTCTTGTCCCGCATGGAGCAGATTCTGCCATGGCAAAA TTCACTGCATGCAGCATTGGTACAACCTGAGCGATGGCGCGATGGAAGATGCTCTGTACGAAATCGCCTCCATGCGTCTG TTTGCCCGGTTATCCCTGGATAGCGCCTTGCCGGACCGCACCATCATGAATTTCCGCCACCTGCTGGAGCAGCATCA ATGCCACCATCATTGAGGCACCCAGCTCGACCAAGAACAAGAGCAGCAACGCGATCCGGAGATGCATCAGACCAAGAAA GGCAATCAGTGGCACTTTGGCATGAAGGCCCACATTGGTGTCGATGCCAAGAGTGGCCTGACCCACAGCCTGGTCACCAC  $\tt CGCGGCCAACGAGCATGACCTCAATCAGCTGGGTAATCTGCTGCATGGAGAGGAGCAATTTGTCTCAGCCGATGCCGGCT$ ACCAAGGGGCGCCACAGCGCGAGGAGCTGGCCGAGGTGGATGTGGACTGGCTGATCGCCGAGCGCCCCGGCAAGGTAAGAACCTTGAAACAGCATCCACGCAAGAACAAACGGCCATCAACATCGAATACATGAAAGCCAGCATCCGGGCCAGGGTGGA GCACCCATTTCGCATCAAGCGACAGTTCGGCTTCGTGAAAGCCAGATACAAGGGGTTGCTGAAAAACGATAACCAAC TGGCGATGTTATTCACGCTGGCCAACCTGTTTCGGGCGGACCAAATGATACGTCAGTGGGAGAGATCTCACTAAAAACTG GGGATAACGCCTTAAATGGCGAAGAAACGGTCTAAATAGGCTGATTCAAGGCATTTACGGGAGAAAAAATCGGCTCAAAC ATGAAGAAATGAAATGACTGAGTCAGCCGAGAAGAATTTCCCCGCTTATTCGCACCTTCCCTAAATCAGGTCATACGCTT CGAGATACTTAACGCCAAACACCAGCGAAATGAGCGGCTTGCCGACGATCAACACCGCGAGCGCCACCAGAATACCGATT AAAACTTTTACCCAGCAAACCCGCTGGCGTTCCGGCGGCGTCGAAGAATGTCATGGCGATTTTAAATAACCCGGCGGCAG CAGACAAAACTCCACGCGCCTTTAATGTATCGGGCAGACTCAAACAGATTCAATTTGAAGGCGTTATGGATATTTCGGCG GCGTAATTCGCGCGCGCAAACCACCAGTACATGGTGCCGCCAACCAGATTCGACACGTACCAGGCAATAACAAAACCCG CAAAACCAAAGTCAAAATACCAGGCTACGACGCTCCCCGCTGCGCGCAGAAAAGGTTTCGTCGCCTGCTGTACAGCAATT AAATCGAAGCGATCTACCGCACGCAGAATGCCGGTCGGCGTGGAGGAAGCCATTGAAGGAATGAGCGTGCAATAGAGCGC TGCCAGCCAAAAACTTTGGTCATCCAGACCTAATGAATGGGAAAGGAATGGCAGTAAGGCAATGCCACCGACAATCGCCA  ${\tt CCGCGCCGCTGACGATATCCAGCGAGAAGGAAAATGAGACGACATTGCGGGAATTGCTGCGGATTATTGTTGGTTAATGCT}$ GGTGTTCCGTACTGAACCACCAGTTGCCATGTCTGAAACTTAATAAAATCGCTGATCGACTTGGCGTACGATTGCACAAT   $\tt CATTACTGGAGCCTAACCAGGCGCTATTGCGAATAATGGTGCGAAACGCGCCATCTGCAAACCAATGTTTGATGTTAAAA$  $\tt CCCGCCAATTCAGCCTGACCTTATCGTTGATAGTAAAAAGTATCCCGCCAGCCTTAAGTTAAACTTCGGCGGTCAGAAAC$ TTGTGCCGTTATAGCCAATCTTCGACATGACACCGATTTTGTCCTGCAGCTCGGCATAGTCATGGTCAGGCTTGCGGGAG GCGCTGCGCCAGAACCATGCTGATTTTCCCGGTCGCACGTTCGACGCCAATCCCCGGTCCATCATAATAAAAGCCCGAAA TTTCAGCCTGCGGGAAGCGATCGCTGACCACCAGAACGCCACTTTGCGCCAGTCGCTGAACCTTGCGTAGATTCGCCATT  $\tt CTTCGCAGCGAGAAGCAGTACATAATCACCGCCGCCCATAGCGCCGGAGATTTGGTTTTCATGCTTTTGGGTTTTCGAGGA$ GCCCCAGATAGCGCCGCTCGGTTTGCCAGTGTTGTTGCAGCGATTTCACCAGGTCGGTGGTCAGTGTGGATTTACCGGTG TAGTGCATCCATTCGTTAAATCATCCCCTATCCATTTTGGTGATCAGGAAAGCGCGGCGTGAATTGCGCGTAGTGACGCT TGCAGAATTTCATCGGCGGGGTGTCGCCCATCCAGTTCAAGGATCTTTGCGCCCATTGAATGTCAGTTGCGCCGTAACGGC GATTTTTTCCTGTAACGCTGCCAGTTGGTGGTCAGGTTTACGCGCAAACGCGGTTTGTTCATCAATGCCAAGACGAATCA ACAATACGGGCAAATAAGATGCCATCCATTGGTACAGCTTCAGCTCGCGCTGCCTTAACATTTTTATCCAACCGTTACCG TAATATTGCCAGGCGGTGTTGAGGGCTTTTCGTGCACATGTGCCGCTTTACTTCGCAGATAACGCCCAAAAGGTGCGCCA ATAACAGGGAGCTGTGAAATCCATTCGCCAATTCGCCCGGACGATTGCCCGAGATAAATGTGTTCTGTTGGCATTCTTGC TGCCAGTTCATTTACCAGGCTTGCCGTGAGGGTCGATTTACCTGAACCATCACATCCTACAATGGCAATAACACGCACTG GCGTGGAATTAATTATTGACATATTACGTTGATTCACGAAAAACCCGGCAGTAAATAATGTATTGAATATTACGTGGTCC GTGCTCAGAATATCCGTTCAACCTTATTGTGACAATGGTTAATTGTGACATTGACCTGAATTACGCTTTCATAAAAACAT ATTAACCAAATAAATATTTTTAATGGATATTTAAATTAAAGGATATATTCATGCAGTCAATAACACCTCCATTAATTGCC GTTATTGGTAGCGATGGTTCAGGCAAGTCAACGGTGTGTGAACATCTTATTACCGTTGTCGAAAAATATGGTGCTGCCGA AAGAGTTCATTTAGGAAAACAGGCCGGAAATGTCGGTCGTGCAGTGACAAAATTACCGTTGATGGGAAAATCCTTACATA AAACAATTGAACGAAATCAGGTGAAAACAGCAAAAAAATTGCCTGGACCAGTTCCGGCGCTGGTAATTACAGCGTTTGTC GCCAGGAACGTAAAGCGTTTCACTGGATGGCGAGCCATAAGCCTGATCTGGTCATCAAACTCAATGTTGACCTTGAAGTT GCCTGTGCACGTAAACCCGACCATAAACGGGAATCGCTGGCGAGGAAGATTGCCATAACGCCACAGTTAACCTTTGGTGG TGACCGCGCGTGGTTATCACTAGTCAAAAATGGAAATGCCCGATCGCCAGGACCGGCCATTTTCAGGAAGGTTAAATCAA CTGCAATGCTATCCAGTACAGCCCACCAGAAAGAAAATTGCCGCCGGTAAAGTAAATACCCACGCCATCAGGATGCTGG TTACCGTTTTACGCTGTAACCCACCGCCGTCCACCATCGTCCCTGCAACTGCAGACGAGAGGACGTGTTGTTGTGGAG  ${\tt ACGGGCATCCCAATATAACTGGCAAGACCGATAGACACTGCCGCCGTCATTTGTGCCGCCATGCCTTGCGCATACGTCAT}$ CTACCGCCATGATGATCCACACCGGAGCGTACTCAATGGTGCTTAACATATCGCTGCGAAGTTTTTTCAGCAGGTTCTGG GCGCTGACTCACGCTTAACGGCTCGTAACTTTCCATATTGCCTGGCAGCATCGTTTTAACGCGCGCAATAGCATCAAAGG TATTTGCCGGATGACAGTGAAACTCTGTTACTTGCGTGCCATCAGTCGATGCTGCAGGCAATGGAGGTTCCATCGCAATC AACTTCTGCGGCAGTTCAGGATGCTGTTGCAGGTAGTGTTCGAAGTTGGTAACGGCATCGCGGGTACGGGTAATTTCATA  $\tt GCCGGACGCATTCATATTGACGACGAGCCAGCAGCGGGCCAATCCCCACCAGTACCAGCATTACCAGGCCGATCCCTTTTT$ GTCCGTCGTTCGCGCCGTGCGAAAACGCCACGCCCGCAGCGGAAACATCAGCGCAATACGCGTCCAGAATGGCGGTTTA  $\tt CAGCAGGAATATCAGGCCTCCCGCAATGACCAGGCCGACGATAGGGGGAAACAATCAGCGAGGAGAAAATTTTGGTCACTT$ AAGGTGTGCGAACTGGAGGCCGGTAAACCGAAGAACCACGTTCCCAGGTTCCAGATAATCGCCGCCAGCAGCATGGAAAAGACCATCGCCAGGCCGTGGGTTGACCCCATATTCAGCAACAAATCGGTTGGCAACATATGGACAATGGCATAGGCAACGC TAAGTCCGCCCAATAACACGCCAAAAAAGTTAAAAAATGCCGCCATCACCACAGCAAGTTGTGGTTGCATGGCACGAGTA  ${\tt AACGGACGCATTATCAGTGACTTTAACGGCATGGGCAAAGTGAAATATCATTTTTTAACGATAAAAAGAGTGTTATTTCT}$ TGTGTATCAGACAATAAGCATTCAATAAACCTTTAGAAATAATCAAAACACAGGTATTCCACTGGTTAATATTCAC ATATGAAATGAATAAATATTGGAATATATAAATATTGAATATTTTGATTAATCCCCGTACTGATTATTCTTCATAATCAG TACGGGGTTGCTACAACATGTATTACTTTTTCACCACAATTAACGGTTCAATATCACTCTCTTTTTTGATGACCAGTGAT TCATCACCGCGCAAACACGTCCCACCGTAGTTGCCGCCAACGGTGAAGGTACATACCTGAATGTATTTACCGTCCACTTT  $\tt CGGCAAACACCACAGTTGCTGATAGATGTTTTTCTGCTCGGCAAATTTACCGCTGGTTTTGTCCAGCACCTCTTCATGAT$ GGCTGACGAGGTCGATATTGCTGCCACAGCGACCGGCGATCGGTTTCACTGCGTAACCTGTTTTCACCAGTTCATCATTA GATCACCGTCCACAGCGGCTCAAAGACCAGCACTTCCGGGCGCAGCAATACGTCGATAAGACGCACTTCGTTTTGCGGAT GACCGGTACGGATTGGCACCGCAGCAAACTCACGGTCGCTAACTTCACGAATCTGATCAAACGCGGTTTCCCACGCCCAG  ${\tt ACGCAAGATACGCGTTTCAAAGCCCGCCTGGTGCAGCGCCTGCTCCATAAACTGCGCGTGATAGTTTTCCTCGATATCTT}$ TGTCCTGCATGATATGGACAAACGGACGTGCACGACTGTGTTTCCAGGCCACCAGCCAATTCGTTAATCAGCCCTTCCGCC GGATTGAAGCCGTTGCCTTTATAGCCCTGCTCCGCCCAACGTTCGAGGATCAAGCCCGCTTCGGTATGACAGGAGGCGGA GTCGGCGTTGTACTCGTAAACCTTCAGGCCACGCTCATCCATGCAGAAATCCATACGACCAGTGATCATATGGTGACGGC GACGCTGCCAGGAGAGACGCAAACGTGGCCAGAGGATTTTCGGGATGTCGAACAGCGCCAGCAGGTTGTCATCTTTCAGC GGTGTAGTAATGATAAGGATCCTGATTGATCACCTGACCGTTGGCCTGCACATAGGCGTTTTGCAGCGGATCTTTTTCAT  $\tt
CCAGCCATTTACCGTCAAACTGGCCTTTGTTTTCCAGGCGCGCTCCGCTGATTTTCAGCAGCTCGCCTGCAATTTCCGGCCGCTGCAATTTCCGGCCGCTGCAATTTCCGGCAATTTCCGGCAATTTCCGGCCTGCAATTTCCGGCCGCTGCAATTTCCGGCAATTTCCGGCCGCTGCAATTTCCGGCCGCTGCAATTTCCGGCAATTTCCGGCCTGCAATTTCCGGCCTGCAATTTCCGGCCGCTGCAATTTCCGGCCTGCAATTTCCGGCCGCTGCAATTTCCGGCCGCTGCAATTTCCGGCCGCTGCAATTTCCGGCCGCGCGCTGCAATTTCCGGCAATTTCCGGCCGCTGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCCGGCAATTTCAATTTCAATTCAATTTTTCAATTTCAATTTCAATTTCAATTTCAATTTCAATTTCAA$ TGCGGTAAGCTGTATTCAGTATCTTCCGTCTGGATCATCCAGCCCAGAATGGTGGTGTCATCAAAAGTGTCTTTCAGGGT GTTCCGCAATACGGACTTTGTTGCCATGCAATTGGGTAATGATGGCCACATGGCCAGTGTCTTTAAATTCACCGCCTTTA TCCCAGATAAGAAGCGCACCCGCGACCGGCGCACGCGGCGAGCCGTTAGGAAATGCCTGCAATGGCAGGATGTTGTCATT AACCACTTCTCGCAGGAAGCGCAGCGAAAATCTCCCACGCCATACCCACGTCAGTAAAGACCACACCGTAATTCAGAA AGAGAAAACGGCGAGCAAATTCAACGCATTGCCACTTGTGGCCCATATATTCGTCGTCGATATAGCTACGGAATACGGCG TCATCTTCGTATTCCTGCGGATCGAGAACTGTAATCTGAAGAGTAGATTGCTACCCCACCTGGGGCGTAGCCCAATAA TGTCCCGAACGGGGCATCCTGGCTGGTCGTTCCTTTGCTCATCACTTTACCTTTAACAATACAACCTAAGCAGTTGGCGT AATTGTTGTGCTCTGATTACCTGCTCAGCGACATTAACCGGACAGAGGTCAGACTAATCATACACCTCATCGCAGCGGCT GGCGCAAAGGGTTAAAAAATTCACATTCTGTACAGCAAGTGACCTGCTACACTGCTTCAACACTACCACTCAGAAGGCAA  $\tt CTCACTATGACAGACAATACTTATCAGCCCGCGAAAGTCTGGACGTGGGATAAATCCGCTGGCGCGCGTTCGCCAATAT$ CGCCGAACGGTCAGAAAGTAACGATTATGCTTGAGGAGCTGCTGGCGCTTGGCGCGTTACTGGTGCAGAGTACGACGCCTGG  $\tt CGATCATACGCATAATCCGCCGATCCGCGTGTTTGAATCTGGTTCGATCCTGCTTTATCTGGCGAGAAATTTGGCTACTGCTATCTGGCTATATCTGGCGAGAAATTTGGCTACTGTTCGATCTGGTTTGGTTCGATCTGGTTCGATCTGGTTCGATCTGGTTCGATCTGGTTCGATCTGGTTGGTTGGTTTGGTTTGGTTTGGTTTGGTTTGGTTTGGT$ CATCTCGAACAATTGATTAACGTCAACTTTTTCTCTTCTGACAGGACGTCATTTTGTGAATGCAATCGTTTTCCATAAAT TCTTCTCCCCTCATAGGCGACGAATAGCATTTTGTGTTGAGGATCACAAAACGAATAATTGCTGATCGCCGCGATAAGGT  ${\tt AAGGCAGGCATCAATGAAAGGCTTCCCAATTGCGCATATTTTTCACCCTTCAATCCCGCCAATGCACGCAGTGGTTAACA}$ TACAGTATAAGTAATGAACTGCGGAGAGTATTATCTGCAATAACTGCATTGAATTTCTATCATGGCGATGTTCCTTCTGT AAACATTAGATGTAGGCACTTTTGCACCTTTTGGTGAACAATGTACTTGCTCAGCCGTCAATAAAAAAAGAGCTGGAATGT ATTAAGGAGACGATTTCTAAGTATTGTGCAAAATTCACCCGAAAAGACCCATCTTAACCCCCCTTGTGCACTTTAATAA AACCAGCATTACTTCAGATTGTTGGCAAATTCTCTTTTTTTCACCCGATCATTTTAATAATGATTTTTATTGATTATTTA CTTCCTGAAAGCCCAACAGGAAATAACCTCGAAGCACTAGCACCAGGTATAGAAAAACTAAAACAGACCTCTATTGAAAT GGTCACTTTACTTAACACGTTACAACCTGGTGGAAAATGCATTATCACTGGTGATTTTCAAAAAAGAATTAGCGTACTTAC AAAATGTAATTCTTTATAATGTCTCGTCTCTTCGTCTGGATTTTTTAGGTTATAACGCCCAAATTATTCAACGATCGGAC AATACTTGTGAACTTACCATTAATGAACCGTTAAAAAACCAGGAAATATCCACAGGTAATATCAATATTAATTGCCCATT  ${\tt AAAAGATATTTACAATGAAATCAGGAGGTTAAACGTAATTTTTAGTTGTGGGACTGGAGATATCGTTGATCTATCCTCTC}$ TGGACTTACGTAATGTCGATTTAGATTATTATGATTTCACAGATAAACATATGGCTAATACTATTTTAAATCCTTTTAAA TTGAATTCAACAAATTTTACTAATGCCAACATGTTTCAGGTTAATTTTGTTAGTTCAACACAAAACGCCACAATCTCCTG GGATTATTTACTAAAAATAACGCCTGTTTTAATAAGCATTAGCGATATGTATTCTGAAGAAAAAATCAAGTTTGTCGAAA GTTGTTTAAATGAGCCTGGAGACATTACCGAAGAACAATTAAAAATTATGAGATTTGCAATTATAAAATCTATACCAAGG GCAACTCTTACAGATAAATTAGAAAATGAATTAACAAAAGAAATATATAAAAAGCTCATCGAAAATCATCAATTGCTTGAA CAGAATTAAATTAACAGAGATGAAAGAATTCTCATCAGAAAAAATATATGATTACATCGATATAATCATTGAAGATTATG GAAGAGTTACTTTCAGATAATACCCTCGAGAAAGACGAAAATTCTCCCGGACAATGGCTTTGAGGTCGGGGAATATAACAC ATATGAAGCATATAACTCAGAGAAGCAATATTTTACCAGAGAGGAGTATACGTATGATTACGACCTTTTAAATGCAATAT  ${\tt CAATATATTGAATTTGCGTGCTTTTGTAGGCAGGATAAGGCGTTCACGCCGCATCCGGCATGAATAAAGCGCACTCAACA}$ GTGGACAGTCATTCATCTTTCTGCCCCTCCAAAAGTAAAAACCCGCCGAAGCGGGTTTTTACGTAAAACAGGTGAAACTG ATCTTTCTGCCCCTCCAAAAGCAAAAACCCGCCGAAGCGGTTTTTTACGTAAATCAGGTGAAACTGACCGATAAGCCGGG TTCTGTCGTGGACAGTCATTCATCTAGGCCAGCAATCGCTCACTGGCTCAAGCAGCCTACCCGGGTTCAGTACGGGCCGT ACCTTATGAACCCCTATTTGGCCTTGCTCCGGGTGGAGTTTACCGTGCCACGGACTGTTACCAGCCGCGCGGTGCGCTCT TACCGCACCCTTTCACCCTTACCTGATCCCGCTTGCGCGGGCCATCGGCGGTTTGCTCTCTGTTGCACTGGTCGTGGGTT TCCCCCCAGGCGTTACCTGGCACCCTGCCCTATGGAGCCCGGACTTTCCTCCCCTCCGCCCGTCTCCCCCGAAGAGGAC ATTCCAATCGCCAGTGTCGCGGCGATATTACGTGAAGCACGGCAGATATTGTCATAAGCCCCGCGGAATGCTTCGTCCAA CGTACCTATGCTGGTCAATACGCTGAAGACCGCATCAATGCCATGCTGATGTACAACGCCAACATCATCGGTCAGGCTAC  ${\tt CCGCAATGCCAATCACCGGTTTATGGTACTTCTTCGCCACGTTTGCGACACCAATCGGTACCTTCCCGTGAATACTCTGG}$ CTGTCAATACGCCCTTCACCGGTGATCACCAGCGTACAATCGTGAATATGTTCCTCCAGATTCAGCGCCGTAGTGACGAT TTCAATACCACTTTTCAGTTCCGCACCAAGAAACGCCATTAGCGCCGCGCCCATACCACCCGCAGCTCCTGCACCGGGGA GCTTCACTGGCTCCCTTTTGTGGGCCAAAGATGCGCGGATGCGCCGTTATCGCCCACCAGCGGATTGGTGACATCACAAGC GACGCGAATGACGCAATCTTTTAAGCGCGGATCGAGGCCGGAAATATCAATATCATTCAGAGTATTAAGACTACCGCCGC CAAAACCAATTTCATTGCCGTTGGCGTCGCATAATTTCGCCCCCAGCGCCTGTACCATGCCTGCGCCGCCATCATTTGTA GCGCTGCCGCCAATGCCGATAATAATGTTTGTCGCACCGCTCTCCAGCGCCTGCAGGATTAACTCGCCTGTGCCGCGTGA  ${\tt AGTGGTCACGAGTGGATCGCGTTTTTCCGCAGGTACCAGCTCCAGCCCACTGGCCGCCGCCATTTCAATAAACGCGGTTT}$ TGCCATCGCCGGAGATCCCCCAACTGGCATTCACTTTCTCGCCCAGCGGCCTGTAACCCAGGCGTGACGTTCAGCCCCC TGGGTGGCTGCAATCATCGCTTCCACCGTTCCTTCGCCACCGTCGGCAACCGGAACAGAAACGTACTGTGCATCAGGAAA ATGATCCGCCGTTCCTAAACCATCTGCTCGCAGTGCCTGCATCATCTCCATAACCGCAGCTGTGAGCGGCAGTTGTGCGC CGACGCCGTGAGAAGTATCCAGCGCATTCGCCAGATCCTTAATATGCAGATCAATACGGAAGCCCGGCTTGAAGTTGCGG TCCATCACCATCGGCGCTTTGGCATCCAGCACGGTACTGCCCGCCAGTCCACCGCGAATTGCCTGATAAACCAGGTCCGG GTTAACGCCCGCTTTAGTTGCCAGCGTTAACGCTTCTGACATCGCGGCAATATTCAGCGCCACAATGACCTGATTTGCCA GTTTGGTGACGTTACCTGCACCGATTTCCCCGGTATGCACCACGGAACCCGCCATCGCTTTCATCAAATCATAGTATTTG TCGAAAATAGCCTTGTCGCCGCCCACCATCACTGACAGCGTACCGTCGATGGCTTTCGGTTCACCGCCGCTCACCGGAGC ATCCAGCATATCAATGCCTTTCGCTTTCAGCGCTTCGCTGATTTCACGGCTTGCCAGCGGTGCGATAGAACTCATATCGA TCAATACCGTACCTGGCTTCGCGCCTTCAATAATGCCATTCTCACCCAGCGCCACCTCTTTCACATGAGGGGAGTTTGGC AGCATGGTTATGATGACGTCGCACTGTTCAGCGATCGCTTTAGCCGTAGACGCTGTTTCTGCACCTGCAGCAATCACGTC AGCAATAGCTTCTGGGTTACGGTCAGCAACCACCAGCGAGTAACCTGCTTTCAGAAGGTTTTTACTCATTGGTTTACCCA TATCAGCCAGTTTCTGAGTGGCAGAGGCGGAAGACGCCGAGATCGCTGCCGACAGCCACAACGTCGCGCCCCATTCCAGA TAACGACGCGCATCGGCTTCGACCGGCGGGGGGATACCGCTGGGTTTGCCGTGCGCGCTGGCACGGTTAAAAATGTGCTG AATTGCTTTTTGTACATCCGGGTGTGATGCATTGCCGAGATGGCCTAATGCCGCGGCCAGATCGCTGGGGCCGACGAAGA TGCCGTCTACGCCTTCGGTAGCGGCATGGCATCGACGTTATCTACGCCCTGCTGACTTTCTATCTGGACCAGAATAGTG ATGTTCTTGTTCGACTGAGCGAAATAATCCGCCACGGTGCCAAACATATTGGCGCGGTGAGAAACGGAGACGCCGCGAAT GCCTTCCGGTGGGTAACGGGTTGATGCCACCGCCAGCTCTGCTTCCTCTTTTGTTTCTACAAAAGGAATCAGGAAGTTAT AGAAACCGATATCCAGAAGACGCTTAATAATTACCGGCTCGTTGGTCGGCACTCGCACTACTGGCGCGCTGGCGCTGCCT AGCCAAACCAAGAACTTCAGTGCTAATCGGGTTAGAGAGTGCTGACCAGCAACCAATTTGTACCTGTTTCGCAGCCAGTG  $\tt CGGCTTTGAATTTATTCGGGAAAACATCGTTATTCATCGCTTATACCTTTGCTTATTTCTGCAATTCCATACGTTTAATG$ TCGCCAACTACGAAGAGGTAGCAGACCATCGCCATCAGCGCTGAACATCCCACGAAAACCAGTGCTGCATTGAAGGAGTG CAGTTCACTTACCAGGTAGCCAATCACCAGTGGAGTGACAATGGAGGCAACATTGCCAAAGACGTTAAAGACGCCGCCGC CACAATCGGTAGCTTACGTGCCAGGGTCAGGGATAAACCGCGTTTGATCAGATAATCCGAGAAGACACCTCCCAGCACGC
CGCCCGCAAAACCACACGTGCTGGAATCGAGGCGACCAGACCCACTTTCAGAATCGACATGCCTTTTTCCTGCACCAGA TAAATCGGGAACCAGGTGAGGAAGAACCAGGTGATGGTGTTGATAAAATATTGTCCGAAAAATACGCCCAGCATCATGCG GTTAGAGAGCAATTGCTTGATGTAATGCAGTTTGGGTCCGCTTGCTGCCGCACTGCCCGGCTTTTTGTGGTCCATATCGA  $\tt CCACCGCGCCATTTTCAGAGATAAACTTCAGCTCTTCCGCAGACATACGTGGGTGATCTGTCGGGTTATGAATCAACTTGAGATCAACTTTGAGATCAACTTGAACTT$ ATCCACAGCGCCGTCAGCACAAAACCAATCACCCCCATAACGGTAAAGACGTGCTCCCAGCCCCAGGCGAAAGTCAGCCA GCCAAGCAGCGCGAAAAGAGCGCCAGCGAGAAATATTGCGCCGAGTTAAAGATGGCGGAGGCAGTACCACGTTCTTTCG TCGGGAACCAGGCGGCGACAATTCGGGCGTTCGCCGGGAATGATGGCGCTTCCGAGAAGCCGAGCATAAAGCGCATAAAG CAAAAGCGGAGAAGATGTAACCCATCGAAACCGCACTTAACTGCAACTCTTTTGCCACTTCGGTACCAGCAATAGACAGC GTTGCACGATCGGCGTAGTTAACGGCGGTAACAATAAAAATAATCAGTAATATTAAATAGCGGGTATGCACGCCTTTCTT TTTTTCGTCAACGGTGTCCAGAATCATTTTATTTACCTCGGGTACTTATGCTGATTTTTATTATTATGGGGAAGGTGTTA TTTATGAGTTTCATTTATGCCGTAACGACAATGAACTCGGGAATTAGTATAAGCAGCGCGAGAATAATAATCATTGTGCA AATGCTAATTTAATAATACTATTTAAATATTTTTTGAGCATATGCACATAAGGTTGCGCGCTAAAGCACAGATTTGCG CTTTACCTTACCGGGCGCACTGCAATCCCTGAAATGATTGACATTGATCACATTTCTGCGTTTAAACTCCTGACATTCT AATGGCCAACATCGAAATCAGACAAGAAACGCCAACTGCGTTTTATATAAAAGTTCACGACACAGATAATGTGGCAATTA  ${\tt AAGTCCCGGAACCCTTACCGCCGCTGGAAGGATACACCTTTGAGGGCTATCGCAATGCCGATGGCAGCGTGGCACCAAA}$ GCTACCGAAATACCCGAACGTCGATGGCGTGGTGGGGCTGAATCATTTGTACGGTTGTGCGTGGCGATTAACGCACCGG  GGTTGTGAAAAGTTGCAGCCTGAGCGCCTGCTGACTGGAACGGATGATGTGCAAGCTATTCCAGTAGAAAGCGCCAGCAT TGTCAGTTTGCAGGATGAAAAGCATGTCGGTTTTCAGTCCATGGTCGAGGATATTTTGCAGATCGCCGAACGCCATCTAC AAAAACTGAATCAACGGCAGCGAGAAACCTGCCCGGCTTCAGAACTGGTCGTTGGTATGCAGTGCGGTGGCAGCGATGCG TTTTCTGGTGTAACGGCAAACCCGGCGGTTGGCTATGCGTCTGATCTACTGGTGCGCTGCGGCGCAACGGTGATGTTTTC AGAAGTAACGGAAGTGCGTGACGCGATCCATCTGCTGACACCACGCGCAGTGAACGAAGAGGTCGGCAAACGGCTGCTGG GGCGGTCTGGCAAACGTGGTAGAGAAGGCACTCGGCTCCATTGCTAAATCGGGTAAAAGCGCAATTGTTGAAGTGCTGTC TGGCTTCGGGTATCACAGTGCAAGTGTTTACGACCGGTCGTGGTACGCCGTACGGCCTGATGGCGGTACCCGTCATTAAA ATGGCAACCCGCACCGAGCTGGCGAACCGCTGGTTTGATTTAATGGATATTAATGCGGCCACCATCGCTACCGGCGAAGA  ${\tt AATGGGGGCTGCATAACCAGCTGGCGGTGTTTAACCCGGCACCGGTGACCTGATTTCTTTTGGAACGTCCCTCGCAAAAC}$  ${\tt ATGGCCTTAGTGCCATGTTTTATTGTTTAAAGCCCCCACGTCCATTAATAATGCATTTGCATTACCTTAGTTCAAGCTT}$ GAATCAAAGGTCACGATACGCGGACAAACAACTATCCCCGCGCCAGTGCGTGAGGCCTTAAAACTGAAGCCAGGCCAGGA ATGCATTTTTGCGTTTTCTGGATGCAGATATCCAGAACAACCCGCAAAAAACTCGTCCATTCAACATTCAACAAGGAAAG AAACTTGTCGCTGGCATGGACGTCAACATTGATGATGATGAGGTTGGCGACGACTAATGGATTTTCCACAAAGGGTTAAT GGTTGGGCGCTATATGCTCATCCCTGTTTTCAGGAAACCTACGACGCTTTAGTTGCCGAAGTCGAGACATTAAAGGGAAA AGATCCTGAAAATTATCAGAGAAAAGCCGCCACAAAGTTATTGGCGGTAGTCCATAAAGTGATTGAGGAGCATATCACGG TCAATCCATCATCACCGGCATTCCGTCATGGCAAGTCGTTAGGCTCTGGGAAAAATAAAGACTGGTCACGGGTAAAATTT CACTCTGCGCACCTACGGTAAAAAAACAGATGCCTATACCGTATTCAGCAAAATGTTAAAAAGAGGACATCCTCCTGCCG AGCGGCCATCCTTTCTCACTCCCCGACCAGAATCACTTCAACCCCAGCCTTTCGCAGTCCTTCCAGGCTATCCGCAGGAA TGCCTTCATCAACAATGATCATGTCGATACGTTGAGTATCAATGATCTTATGTAAACTGGAACGATTGAACTTACTGGAA TCGGTGACCACGATGATCCGTTCCGCAACTTCGCACATCCGACGGTTTAAACGAGCTTCATCTTCATTATGTGTGCTGAC GCCGCGCTCCAGATCGCATCTACACCAAGAAACAGCATATCGAAGTGGTAATTTTGCAGCGATTGCTCAGCCTGAT CGCCGTAAAAAGATTGCGACTGACGGCGCAAATGCCCGCCGGTCATCAGCAGCTCAACGCCTTCCGCTTCCAGCAACGCA TTAGCCACGTTCATACCGTTGGTCATCGCAATTACGTCAGTGTGCTTGCGCATCAGACGAGCAATCTCAAAAGTGGTGGT  ${\tt CCCGGAATCGAGGATAACCCGATGACCTGGCTGAATCAACTCAACGGCAGCTTTCGCAACGCTGCGTTTCATCGCGGTGT}$ TCAGTGCGCTTTTATCTTCCACTGATGGCTCGACTGACGGCGTCGTGCTATCGCAGATCAACGCGCCACCATAGGCACGC CACCTGAAGCGTCGGTATTACTCATAGTAAGTCCTTTCGTAAAACTTTCGTTTCATTTCGTTTTGCCTATTAACGCCTTT  $\tt CTATTAAGCAAATGCAAGCCCACCTTGCCCATTGACGCAAGCTACTCTCGTTTCAGTGACTTTCATTATGTTTCTTTTGT$ GAATCAGATCAGAAAACCATTATCTTTCGTTTTATCTTTATCTCACCATGACGCAGTATCAACTGAAACAAAACGAAAGA TTAATATCGCAGTAATCTGAACTGGAGAGGAAAGTGAAACATCTGACAGAAATGGTGAGACAGCACAAAGCGGGCAAAAC AAATGGAATTTATGCCGTTTGTTCCGCACATCCGCTGGTGCTGGAAGCTGCAATCCGCTACGCCAGTGCAAACCAAACGC TTTGTTTGTCAGCTCGCCGACTCGTTGAATTTCCCGCAGGATGCGTTGATTCTGGGTGGTGACCATCTGGGGCCAAACCG  $\tt CTGGCAAAACCTGCCGGCCGCTCAGGCAATGGCCAATGCCGATGATTTGATTAAAAGCTACGTTGCGGCAGGATTCAAAA$ AAATCCACCTTGATTGCAGCATGTCCTGTCAGGACGATCCGATTCCCTTAACTGATGACATCGTGGCTGAACGCGCCCCC  TGAAAGTTGGCCCAGCGCTGACCTTCGCCCTGCGTGAAGCTCTGTTCTCTCTGGCGGCGATTGAAGAAGAACTGGTGCCA GCGAAAGCCTGTTCTGGTCTGCGTCAGGTGCTGGAAGACGTGATGCTCGACCGCCCGGAATACTGGCAAAGCCACTACCA TTGATGACGCTTTCGCTCATCTGGTACGTAATCTGGCGGATTCACCAATTCCGCTGCCGCTGATCAGCCAGTATCTGCCG  $\tt CTGCAGTACGTGAAAGTTCGCTCCGGCGAGCTGCAGCCAACGCCACGGGAACTCATTATCAACCATATTCAGGACATCCT$ GGCGCAGTACCACACCCTGTGAAGGCCAATAAGCAAAACAAAGAGGAACACGCTATGCCAAATATTGTTTTAAGCCGG ATTGATGAACGCTTGATTCACGGTCAGGTCGGCGTTCAATGGGTCGGATTTGCGGGGGCAAATCTGGTGCTGGTAGCCAA CGCTGCAAAAAGTTATCGACAACATTCATCGCGCCGCCGATCGACAGAAAATCCTGCTGGTTTGTAAAACACCCGCCGAT TTCCTGACGCTGGTGAAAGGTGGCGTTCCGGTGAATCGCATTAACGTTGGCAATATGCACTACGCCAATGGCAAACAACA AATCGCCAAAACGGTTTCTGTGGATGCGGGCGATATCGCAGCATTTAACGACCTGAAAACCGCTGGGGTGGAATGCTTCG TTCAGGGCGTCCCGACAGAGCCTGCTGTGGACCTCTTTAAATTACTTTGAGGGATTCATCATGGAAATCAGCCTGTTGCA GGCATTTGCGTTGGGCATTATCGCCTTTATCGCTGGCCTGGATATGTTTAACGGCCTAACCCATATGCACCGCCCGGTGG TCCTCGGCCCGTTGGTCGGGCTGGTACTTGGCGATCTGCATACCGGAATTTTAACCGGCGGTACGCTGGAACTGGTGTGG  $\tt ATGGGGCTGGCCGCTGGCGGGCGCACAGCCGCCTAACGTGATTATCGGTACTATCGTCGGCACGGCGTTTGCCATTACATTACCATTACA$ TACTGGCGTGAAACCCGATGTCGCAGTAGGTGTCGCCGTACCTTTCGCTGTCGCAGTACAGATGGGGGATTACCTTCCTGT TCTCGGTGATGTCCGGCGTGATGTCTCGCTGCGACCTGGCAACAACCCGCGCCGCATTTGATGCTGGTGCCGACGGCCT GGTGCATTGCTATAACGGGATGACAGGTTTACATCACCGCGAACCGGGAATGGTTGGCGCGGGATTAACGGACAAGCGCG ATCGTACTGATCACCGACGCGATGCAGGCAGCTGGGATGCCGGATGGTCGCTATACGTTATGTGGTGAAGAAGTGCAGAT TCGAGTTGACGGCCTAACGCCTGCGGAAGCCATCCATATGGCGTCGCTGCATCCGGCGCGAATGCTGGGTGTTGATGGT GTTCTGGGATCGCTTAAACCGGGCAAACGCGCCAGCGTCGTTGCGCTGGATAGCGGGCTACATGTGCAACAAATCTGGAT CGTTTTGATCTGTGCAGCGGTGTCGGATGCGACGCTAACGCGTCTTATCCGACCTACAGTTGGTGACCGCAAGGCCGGAT TTTTTTCTCCATTGAACTTTCAGTTTCTTTTCTATAGATTTTAATCAACGAAAGACATCACCAAGTGAAATGAAACGAAA GGCAAGTGAAAGCGACAACGCCCGACGTCAAGTTCATCAGACTAAGGATTGAGTTATGCCAGAAAATTACACCCCTGCTG GCGCTACGTTCCGCGCTCAATAACTTCCTTGAACCGTTACTGCGCAAAGAGAATCTGCGGATCATCCTGACCGGAGCCGG  $\tt
CCGATCTGGTCACCAATCCGATGGACTACCTGAACCCAGCTCATCCGCTGCTGTTGATCTCCTTCGGTCGATCCGGCAACCCGGCTGCTGTTGATCTCCTTCGGTCGATCCGGCAACCCAGCTCATCCGCTGCTGTTGATCTCCTTCGGTCGATCCGGCAACCCAGCTCATCCGGTCGATCCGGCAACCCAGCTCATCGGTCGATCCGGTCGATCCGGCAACCCAGCTCATCGGTCGATCCGGTCGATCCGGCAACCCAGCTCATCGGTCGATCCGGTCGATCCGGCAACCCAGCTCATCGGTCGATCCGGTCGATCCGGCAACCCAGCTCATCGGTCGATCCGGTCGATCCGGCAACCCAGCTCATCGGTCGATCCGGTCGATCCGGTCGATCCGGCAACCCAGCTCATCGGTCGATCCGGTCGATCCGGTCGATCCGGCAACCCAGCTCATCGGTCGATCAGATC$ AGCCCGGAAAGCGTCGCAGCCGTGGAACTGCCAAATCAATTTGTACCGGAATGCTATCACCTGCCGATCACCTGCAACGAAGCGGCGCTCTTTACCAAAACGCGATCAACAGCGATAACGCGTTTGCCCTGCTGATGCCCGCAGAAACGCACGATCGCG GCTTTGCGATGACCAGCATTACCACCATGATGGCCAGCTGCCTCGCGGTTTTCGCACCTGAGACGATCAACAGCCAA  ${\tt ACCTTCCGCGACGTGGCGGATCGTTGCCAGGCGATCCTGACCTCACTGGGCGATTTCAGCGAAGGTGTGTTTGGTTACGC}$  ${\sf TGACGGCGGGTAAACTGGCGGCCTTTTATGATTCTCCAACCGGATTCCGTCATGGACCAAAATCGCTGGTCGATGACGAA}$ CAACCAGGCAATGCGTGTAATCGCCATCGCCGGGAAAGCAGCGACATCGTCGCTGCCGGTCCACATATCATCCTGCCAC CGTCACGTCACTTTATCGACGTTGAGCAGGCATTTTGCTTCCTGATGTACGCCCAGACGTTTGCACTGATGCAGTCGCTG GCAGGCATAAGAGGATCGCATTATGAGCATTATCTCCACTAAATATCTGTTACAGGACGCCCAGGCCAATGGCTACGCGG TGCCTGCTTTTAACATTCATAACGCCGAGACGATCCAAGCGATCCTCGAAGTGTGCAGTGAAATGCGATCGCCGGTGATC GTGCGATGATCGACGGCAGCCACTTCCCGTTTGCCGAGAACGTGAAGCTGGTGAAATCGGTTGTTGACTTCTGCCACTCA   $\tt CTGCATGGTGCCAGCGATGTTCCGGATGAATTTGTCCGTCGCACTATTGAACTTGGCGTCACAAAAGTGAACGTTGCCAC$ AGAATTAAAAATAGCCTTCGCTGGCGCGGTTAAAGCCTGGTTTGCGGAAAATCCGCAGGGTAATGATCCTCGTTATTATA TGCGCGTCGGAATGGATGCGATGAAAGAAGTTGTCAGAAATAAAATTAATGTCTGTGGTTCAGCGAATCGAATTTCAGCA TAATCATTAGTTTTTTATGATTTATCCCAATGTACTTCCCGATTAATATCGGGGAGTGCCTTAATGGAAAAGGAGATAAC TAAACCTTAATAAATACATCACTACAATATCGCAACAATAATATATTTAAAAAAATTATTATTATCAACTTTATGGTGAG GATTACACAATGACCAGTCCAAATATTCTCTTAACCCGTATTGATAACCGTCTGGTTCACGGTCAGGTTGGCGTGACCTG GACATCCACCATCGGTGCAAATCTGCTGGTAGTCGTGGATGATGTTGTCGCTAACGATGATATTCAACAGAAATTAATGG GTATTACCGCGGAAACCTACGGCTTTGGCATTCGTTTCTTTACTATCGAAAAAACCATTAACGTCATCGGCAAAGCTGCA  $\tt CCACATCAGAAGATCTTCCTGATTTGCCGTACGCCACAAACGGTACGTAAATTGGTAGAAGGTGGTATTGACCTGAAAGA$ TGTCAACGTCGGCAATATGCATTTCTCGGAAGGGAAAAAGCAAATCAGCAGTAAAGTTTATGTCGATGACCAGGATCTCA GACTAAATCTAAAATCGCCTTAATATTGGTTTGAGGTAATAAAAATGCATGAAATAACCCTACTTCAGGGATTATCCCTG  $\tt GCGGCGTTAGTTTTTGTTCTGGGGATTGATTTTTGGCTGGAAGCCTTATTTTTATTCCGCCCGATAATCGTTTGTACCCT$  ${\tt GCCAAAACAGCAATTGGTCTTGGCCTGCCGTTTAGTTTGTTAATGCAGTACGTCATTCTGTTCTTCTATTCCGCTTTCTC}$ ATTATTTATGACCAAAGCCGATAAATGCGCGAAAGAGGGCGGATACGGCAGCGTTTTCCCGGCTTAACTGGACAACGATGC TCATCGTCGCTTCAGCGTATGCGGTGATTGCTTTCCTCTGTACTTACCTGGCACAGGGGGGCGATGCAGGCGCTGGTGAAA TGCCGGTTGCCGTACTGGGCGCAGGCTTTGCGGTGTATGAGTTTTTCAATGCGAAATCCCGGCAGCAAGCGCAACCGCAG  $\tt CCCGTTGCCAGTAAAAATGAAGAAGAGGACTACAGCAATGGGATCTGAAATCAGTAAAAAAGATATCACCCGTCTGGGCT$ GAATCTGGTCGGATTCCTGATGGGGTTATTAATTTCGATGGAAGAAAAGGAGAAAACCGCGACACCATTAAAGGCCTCA TGCTCATCATTTGCCAGCCAGGGAAACCTGCTGGGGCCGATTCTATTTTTCGCCGTTTACCTGCTTATCTTTTTCCTGCG GTTCGGCAACCATCCTCGGGATCACGGTAATCGGCGGGCTGATCGCTTCGTATGTGCATATTAACGTGGTGACATCGTTT GCCATCGACAATACCCACAGCGTTGCGCTGCAGCAGGATTTCTTCGATAAAGTCTTCCCGAACATTTTACCGATGGCCTA TTGTTTGTTCCGCATTCGGCATTTTGTAAATGGAACGAGGCACTGCGTCTGGTGGTGCCTCTTTACTTAAGGAATTTCAT TAGCAAACCGAATGCCGTGATTTGCCTGGCGACCGGAGCCACGCCATTACTGACGTATCATTATCTGGTAGAAAAAATCC AGAGATAAATGAGACAGAGTGCGAACGGGTAACGAACCTGATTGCGCCCAAAGGCCGGTCTGGATTTATGCGTTCTCGGAT TGGGGAAAAACGGTCATCTTGGGCTGAACGAACCGGGAGAAAGCCTGCAACCGGCCTGCCATATCAGTCAACTTGATGCC AGAACACAGCAACATGAGATGTTAAAAACCGCGGGTCGCCCCGTGACTCGTGGGATCACCTTAGGCCTGAAGGATATTCT GCTCAAAATGTTTAAATTAACTTATGTAACAGTCACGCATTATATTAAATAACATTTGACTGGGTTGAACATAACGCCGA TAGCAAAAGGAGTTATGTTCAACAATTTAATTTTAGATATACATATAACTTGTTCTATTAATAAATCACCTCGTATTCTG ACTCGCCCCTGGCGCAGCAAAGTCAGGCATTTATACTCTTTTGAATACATAGAAAATTGATATCAATATAATGAAAATA TCAAATATTTGCATATAAATATAATCTTAAAGTTCAGTCTATTTAATGTTCAATGAAATATTTCTGCCTGTATAATCTTT AAAGATGTTGAACATATATTCACATTAAATATGATTATGTACTTGTTACAAGGATAAGGTTATATATGAATAAAGTTACA GATTTTAAAATCCGCTTGTGAAATCAATGACTCTGATAAGAAAATTGAAGTTGCTCTTGGTCACTATAATGCCGAACAGT GATAACGGCAACGTTGAAGCGTCTTTCCGTCTATGGCTGGAAACGCGAGATAATGGCACCGTCCCTAACTTCCCTAATCT GGCAAAAGTAGGCTCTTTTGCTGGCATAGCGGCAACAGGTGTGGGTATCCGTATTGACGATGCGGAAAGCGGAAACATTA TGCCACTGAATGCTATGGGCAATGATAACACGGTTTATCAGATCCCGGCGGAATCCAATGGTATTGTCAATGTTGACCTC ATCGCTTACTACGTATCAACCGTAGTTCCATCAGAAATCACCCCAGGGGAAGCAGACGCTATCGTTAACGTAACGCTGGA AAAATAACTATGTCAAAACGAACATTCGCGGTGATATTAACCTTGTTGTTGTATCGTTATTGGCCAGGCGCTTGCAGG AGGAATCGTTTTACAGCGAACGCGAGTGATCTATGATGCCAGCCGCAAAGAGGCTGCGTTACCTGTCGCAAACAAGGGCG CAGAAACGCCTTATTTACTGCAATCATGGGTAGATAATATAGATGGTAAAAGCCCGTGCCCCATTTATTATAACCCCACCG GCTGTTCTACATTAATGTTCGTGCCATTCCAGCAAAGAAAAAATCAGATGATGTTAATGCTAACGAGTTGACGCTGGTAT TTAAAACACGGATCAAAATGTTTTATCGCCCCGCACACCTGAAGGGACGGGTAAACGATGCGTGGAAATCACTGGAATTT AAACGTAGTGACCATTCACTCAATATATATATAACCCAACTGAATATTACGTCGTATTTGCCGGACTGGCAGTCGATAAAAC CGATCTCACAAGCAAAATTGAATATATCGCGCCCGGAGAACATAAACAGTTACCACTTCCTGCATCTGGCGGAAAGAACG TGAAATGGCTGCGATCAATGATTATGGCGGCAGTTCCGGGACAGAAACTCGTCCACTGCAATAAAAAATATAAAAAACAC GTTTGCCGATGGTGCTCACTGGCAGCGGCATGCTTTGCACTACCGCTAACGCCGAAGAGTATTATTTCGACCCCATTATG TCAGGTTGATATCTGGCTGAATAAAAAGAAGGTTTCACAGAAAAAAATTACATTTACCGCCAATGCAGAGCAACTTCTGC GATAGCGTGATCAACTCGCTTGAACAAATCATTCCCGGTACAGCTGCTGAATTTGATTTCAATCATCAGCAACTTAATTT GAGCATTCCCCAAATTGCACTGTACCGTGATGCAAGAGGTTACGTCTCCCCTTCTCGTTGGGACGATGGTATACCAACGC TGTTTACCAACTACTCGTTTACAGGTTCTGATAACCGTTACCGCCAGGGCAATCGTAGCCAACGACAGTACCTGAATATG CAAAATGGTGCTAATTTTGGCCCCTGGCGATTACGCAACTATTCCACATGGACACGCAACGATCAGACATCAAGCTGGAA TACCATCAGTAGTTATTTACAACGTGATATCAAGGCGTTGAAGTCTCAGTTGCTTCTGGGAGAAAGCGCCACCAGCGGCA GCCCCAACGGTACGCGGTATCGCAAACAGTAGTGCAATCGTGACTATCAGGCAAAATGGTTATGTGATCTATCAAAGCAA  $\tt CGTGTCAGCGGGTGCCTTTGAAATTAACGATCTCTACCCCTCTTCCAACAGCGGCGATTTAGAAGTCACGATTGAAGAAA$ GTGACGGTACACACGTCGCTTTATCCAGCCTTATTCTTCATTACCCATGATGCAGCGACCTGGGCATCTAAAGTATAGC GCGACCGCTGGACGCTATCGCGCTGATGCAAACAGTGATAGCAAGGAACCCGAATTTGCTGAAGCCACGGCAATATATGG TTTGAATAATACTTTTACGCTGTATGGCGGCCTGCTCGGTTCTGAAGATTATTATGCGCTGGGGATCGGTATCGGCGGCA TATCAATGGCGTACGCAGTACATCAAAGATATCCCGGAAACCAACACCAATATCGCTGTCAGCTACTATCGCTATACCAA CGATGGCTATTTTAGTTTTAATGAAGCCAATACCCGCAATTGGGACTATAACAGTCGCCAAAAAAAGTGAAATTCAATTCA ACATCAGCCAGACAATATTTGATGGGGTAAGTCTGTATGCCTCCGGTTCGCAGCAAGACTATTGGGGCAATAACGATAAA  ${\tt AACAGGAATATCTCTGTTGGGGTTTCCGGCCAGCAATGGGGAGTTGGTTACAGCCTGAATTATCAATACAGCCGCTACAC}$ TGATCAAAATAATGACCGCGCACTCTCTTTGAATCTCAGTATTCCGTTAGAACGCTGGTTACCGCGTAGCCGGGTTTCCT ATCAGATGACCAGCCAGAAAGATCGCCCAACCCAACATGAAATGCGTCTTGATGGCTCACTGCTGGATGATGGTCGCCTG AGCTATAGCCTGGAACAAGTCTGGATGACGATAACAACCATAACAGTAGCCTGAACGCCAGTTACCGTTCACCTTATGG CTCATGGCGTGACGCTCTCGCAATATCTGGGCAACGCTTTTGCGCTTATCGATGCTAACGGAGCATCTGGCGTGAGGATA  $\tt CAAAACTATCCGGGGATTGCTACCGATCCTTTTGGCTATGCAGTGGTTCCTTATCTCACAACTTATCAGGAAAACCGTCT$  ${\tt TGGTAGCGGCGCGTTTCAACGCCAATATCGGTTATCGCGTACTTGTTACAGTCAGCGATCGCAACGGTAAACCGTTGCCC}$ TTTGGCGCTCTTGCCAGCAACGATGATACGGGGCAACAAAGTATCGTCGATGAGGGCGGCATACTATATCTCTCTGGGAT ATCGAGTAAATCACAAAGCTGGACTGTACGCTGGGGAAATCAGGCAGATCAACAATGTCAGTTTGCTTTCAGTACACCGG ATTCAGAACCTACAACCTCTGTATTACAAGGCACAGCGCAGTGCCATTAAGGATAAAAAAATGAAAAGAGGCGCCTCTTAT CTAAGTAGCACTAACTGGCAATACGCCTGTTCCTGCTGCGGGTAAGGCAGTTAAACTTGTCTATATGGTCAGCCCCGT ACTTACCACCACTGGACATCAGACAGGATATTACAAACTCAATGACAGCCTGGATATTAAAACCACATTACAGGCAAACG ACATTCCAGGACTCACAACCGACCAGGTTGTCTCTGTTAACACCCGATTCACACAGATAAAAAACACACGGTATATTCT GCTGCAACCCAAACGGGTGTTTGCCAGGGTGATACGTCTCGTTATGGACCCGTTAATATTGGTGCGAACACCACCTTTAC ATGGAATGGGAAGCCCGTCTACAGGTGACTTCCATGATTTAGTCAAGTTATCGATTCAGGGAAATCTCACCGCCCCACAG TCGTGCAAAATTAATCAGGGCGATGTTATTAAGGTTAATTTTGGATTCATCAATGGTCAGAAGTTTACCACCCGCAATGC  ${\tt CATGCCAGACGTTTTACTCCAGTAGACTTTGATATCACTTATGACTGTGGTGATACTTCAAAGATTAAAAACTCGTTGC}$ A AATGCGCATCGACGGTACAACTGGGGTAGTAGACCAGTACAACCTGGTCGCCAGGCGAAGAAGTTCAGACAATGTGCCCGATGTCGGTATTCGTATTGAAAATCTCGGCGGCGGAGTTGCAAATATTCCTTTTCAGAACGGTATCCTTCCCGTTGATCC TTCCGGGCATGGCACCGTCAATATGCGCGCCTGGCCAGTTAATCTGGTCGGTGGTGAGCTGGAAACAGGAAAATTTCAGG ACAATCAGCACCATTTCGCCTTTGCGACGGTTTTCATCTTCCTTTACCCACGCCAGCTCGCCAACGGGCGCGCCGTG GGCTATCTAACAGACGGTGGGTAGATTCATAAAAAATCAGCGTGCGCGCTCCGCTTCAATGGCTTTTAGCGCATCACGG  ${\tt CGGCCTTTTGATTTGGCAGGTAAAAAGCCTTCGTAACAGAAACGGTCAGAGGGTAAACCCGCTGCGCTTAACGCAGTGAT}$ AGCAGCACGCCCGGGTAGCGGCACCACGCGGATCCCCGCTTCACGGCAGGTACGCACCAGATGGTAGCCAGGATCGTTAATTAGCGGCGTTCCGGCATCGGAAACCAGCGCAATGTTTTGCCCCTCTTGCAGCTTCGCCAGCAGCGTTTCAGCTTTT TGTTGTTCGTTATGGTCGTGCAGCGCAAACAACCGGGCATTAATCCCAAAATGTTGCAGCAATAAACCGGTGTGACGAGT TCGGTACAATGTAAAGCTGGCCCTGAGAATTATCCGCCGATTGGTGTTGTTTCATTGTGTCGTCCGTATTGCCGATTTAA TATTGAGCATTGCGTAAAAAAAAAATATCACTGGATACATTATGGTACCCTCAACATTTTCTCGTTTGAAAGCCGCGCGTTG
TCTGCCTGTTGTTCTGGCAGCCCTGATTTTCGCCGGTTGTGGCACCCATACTCCCGATCAGTCCACTGCTTATATGCAGG GCACGGCGCAGGCTGATTCTGCCTTTTATCTTCAGCAGATGCAGCAAAGCTCTGATGATACCAGGATCAACTGGCAATTA  $\tt CTCGCCATTCGTGCACTGGTGAAAGAAGGTAAAACCGGGCAGGCGGTTGAGTTGTTTAACCAACTACCGCAAGAACTTAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAACT$ TGATGCCACCTGGCAGGCGCTCTCCTCCATGACTCAGGAACAGGCGAATACGCTGGTGATCAACGCCGACGAAAATATTC TGCAAGGCTGGCTGGATCTGCAGCGCGTCTGGTTTGATAACCGTAACGATCCCGACATGATGAAAAGCCGGGATCGCCGAC TGGCAGAAACGTTATCCGAACAATCCGGGCGCGAAAATGCTGCCAACGCAGTTGGTTAACGTAAAAGCGTTTAAACCAGC  $\tt CTCGACCAACAAAATCGCCCTGCTGTTGCCACTGAATGGCCAGGCAGCGGTATTTGGTCGCACTATTCAGCAAGGCTTTG$  ${\tt AAGCGGCGAAAAATATCGGCACTCAGCCAGTGGCAGCTCAGGTAGCTGCCGCACCTGCCGCAGACGTAGCTGAACAACCT}$  $\tt CTGAAAAATAACGTTGAAGAGTTGCTGAAGAGCAACACTCCGCTGAACGTACTGGCACTGAACCAGCCGGAGAATATCGA$ AAATCGCGTCAATATTTGTTACTTCGCGCTTTCACCGGAAGACGAGCGCGCGATGCAGCGCGCGTCATATTCGTGACCAGG GTAAACAAGCGCCGCTGGTGCTGATCCCACGCAGTTCATTGGGCGATCGCGTAGCCAATGCGTTTGCGCAAGAGTGGCAG AAACTGGGCGGCGCACCGTTCTGCAACAAAATTTGGTTCCACCAGCGAATTACGCGCGGGTGTTAACGGCGGTTCTGG TATTGCTTTAACGGGTAGCCCGATTACTCTCAGAGCGACAACCGACTCCGGCATGACGACCAACAATCCAACGCTGCAAA  $\tt CCACGCCAACCGATGACCAGTTCACCAATAATGGCGGTCGTGTCGATGCGGTGTACATTGTGGCAACGCCGGGTGAAATC$ GCTTTTATCAAACCGATGATCGCCATGCGTAACGGTAGCCAGAGCGGTGCAACGCTGTACGCCAGCTCCCGCAGTGCGCA TACCGTTAATGCAGCAGGCACTCAGCGCGGTGAATAACGATTATTCACTGGCTCGCATGTATGCGATGGGCGTCGATGCC TGGTCGCTGGCAAATCATTTCTCACAAATGCGCCAGGTTCAGGGTTTTGAAATCAACGGTAATACCGGAAGCCTGACGGC TAACCCGGATTGCGTGATTAACAGGAACTTATCATGGCTACAGTACCAACAAGGTCAGGTAGTCCCCGTCAGTTAACCAC TGAACGAGCGTGGCGAGATCGATCTGATAATGCGTGAAGGCCGGACCACCATTTTTGTCGAGGTACGCTATCGCCGC TCTGCGCTTTATGGCGGCGCGGCAGCCAGTGTGACCCGCAGCAAACAACAAAATTATTACAGACTGCCCGCTTGTGGCT TGCTCAATGGCAACAAATCCTCTGTTGTGGTAATGGAACTTCCGCTGCCAATGCACAGCATTTTGCTGCCAGCATGATC AACCGTTTCGAAACGGAGCGCCCAGCTTACCTGCCATTGCACTAAATACTGATAATGTTGTCTTAACGGCGATTGCCAA  ${\tt CCCGTGGCAACAGCCGCGATATTGTTAAAGCAGTTGAAGCCGCCGTTACGCGTGATATGACCATTGTGGCATTGACCGGC}$ TCAGGAAATGCATATGCTGACGGTAAATTGCCTGTGCGATCTGATCGATAACACGCTTTTCCCTCACCAGGATGATTAAG GAGAATACATGAAGGCATTATCGCCAATCGCAGTCCTTATTTCCGCGCTGCTGTTGCAAGGTTGTTGCCGCTGCCGTA GTGGGTACCGCTGCTGTGGGTACCAAAGCCGCAACTGACCCACGCAGTGTCGGCACCCAGGTGGACGATGGTACCCTGGA AAGTGCTGCTGGTTGGGCAGTCACCAAATGCTGAACTTTCGGCTCGCGCCAAACAGATTGCTATGGGCGTAGACGGTGCC AACGAAGTGTATAACGAGATTCGTCAGGGCCAGCCGATTGGTCTGGGCGAAGCATCTAACGATACGTGGATCACCACCAA AGTGCGTTCGCAGCTCTTAACCAGCGACCTGGTGAAATCGTCCAACGTGAAAGTGACCACCGAAAACGGTGAAGTGTTCC  ${\tt TGATGGGGCTGGTGACGTGAACGTGAAGCGGAAAGCGGCGGGAGATATTGCCAGCCGGGTGAGCGGCGTGAAGCGGGTAACT}$ TACAAACCGTAGGTCAGATAAGGCGTTTACGCCGCATCCGACATGTTTTCCCTCAAATCAGAACAACAGCGCCAGCCCGC CGACAATCACCCCGGCACCCCCCCCCCCCCTGTCAGCCATAAGGCTTTCGCCGGGAACGCTTTGCGCAGCATAATC  ${\tt AGTGACGCAAACTCACTGCCGGGAGCGTCATCAACAATGCCAGCGCCGGAGCGGTTCCCATACCTGCCAGCATCATCGT}$ TGTTATCGACAGCACCATCGGCATGGGGGAATAACCAGACGCGAGCGCACCCAACACCAGTACTGCAAGGATGTAAACC GGGATCGTACTCCAGAAAAGCGTCCATAGCGCCCTGCCCCAGCGGCTAAAAAACCCCGCCTGTGCTTCCGGTATGTCAAT TTCGACCGGTGCCTGCGTTTGCGGTGTTTCACGCACCCATTTTTTGCACCAGCGTCGCAATCAGCAACACCATCACCAGCC CGGCCACCAGACGAATCGCCGCAAAACCCCAGCCGAGGACAAAGCCCATAAACACCAGCGTCGCCGGGTTTAACACCCGGA TTGCCCATCCAGAATGCCAGCGCACCGCCCATCGACACCTGTTGGCGACGCATTCCCGCCGCGACCGGAGCCGCACAGCA GGTACACATCATGCCCGGCAACGAAAACAGCGTTCCCAGCAGCGTGCCGCGAAAGCGCGATTGCCCAAGCGTACGCAACA TAGATCATCGCGTAATCCAACGCCGCCTGCCATGGGTTAGCATCCGCCTGCGCAAGGATAGATTTACCGATACTGTGGGT GCGCGGGTTTCCACCACTGAATGGGCGTTGCCGCCTGAGATGAGACTGACCAGTCATAGCATTCCCCCAGGAATAAGTTA TGATAATTGAGCGCGTGAATATTACGCTCACTATCAATTCTTGGGAATAATTATTCAGCTCTTTTTGCGTAATTCTGAAGA GCTTAAAATCGTCACGCCTTCATGCTCAGGCCGCATCGACTCTGCCAGCATGACCCGCGCCACGTCTCTCCGCATCAATGG ATTTCCAGTTACCTGGTAACAAACGGAACAGCGCCCAAAAAGCGTTTCGTTCATCCGCTGTTTGCTACGATCGCCCAGT AACATCGACGGCGAGCAATGGTCAATTTCGGCCAGTTCTGGGCGATTAATGCTTCTTCCATCTCCCCTTTGACGCGGTT ATAGAAAAACGGCGAGTGGGCATTGGCACCATCGCACTGACTACCAACATATGCTGCGCCCCAGTCGCCGCCCGGTTA ATGCGGTATCCACTACCAGCGTGTAATCGGCATGAATAAACGCCTCTTTGCTCCCCGCTTCTCGCCGCGTGGTGCCGAGA GGGCATATCGCCCAACGGACGTCGCGTCGGCGCAGCAATGGCGTTAACTTTCGGTTCGTTAATCAACATCCGCAGCAGGT GACCGCCCACCAGCCCGTTGCGCCTGTAATCAGTACCTGACTCATCTTCGCTCCTTTACAGAATTGTCTGCCTTGCGCT  $\tt CCACGGCTCATGCACCAGGCTTAATAGACCATGAGGTAATTATCCCCGATTGTGGGAAATTCGCCTCATCCAATGCAACA$  ACGCGGAGGAAGCATGAGTAAGAAAATTGCCGTTTTAATCACTGATGAATTTGAGGATTCAGAATTTACTTCACCCGCAG GCCAGCGTGACCATCGATAAATCCATCGATGAAGTGACGCCTGCGGAGTTTGATGCCCTGCTGCTACCGGGCGGCCATTC  ${\tt TCTGTCACGGCCCGCAGTTGCTGATCAGCGCCGATGTGATTCGGGGGGCGCAAACTGACCGCAGTTAAACCGATCATTATT}$ GATGTTAAAAATGCGGCGCGGAATTTTACGATCAGGAAGTCGTGGTTGATAAAGATCAGCTGGTTACCAGCCGGACACC GGACGATCTGCCAGCGTTTAACCGCGAGGCGTTACGCCTGCTCGGTGCCTGAGTCGCGTAGCCAAATCATTTTTTTACCA AAAGCGACGATTGTACGCCTTGCGCGCGAGGTCGCTTTCCTCACCTTCCAGCCTGCGGATCTCACCTTTAAACTGCACAC CGCGAATTAACGCTACCGTTTTCGGCTGACCGTTTACCGTTCCGGCAACCGCAGCCTGCGGCCCACTCATCTGCGCGTGG CGCGTTTTTTCTTCCGTCAAAATGTAGAAGGCGACTTTCTGCGCATCAAAAAGATAAAAGGCATTAGCGCACCAGAGTTC TTCTCTTTTATACTGTGGGCCTGACCTTAACATGCGACGCAGACGATGACACCCTGGTTTCTTTACTTGATCCGTACCGC CGACAATAAGCTTTATACCGGGATCACCACGGATGTCGAACGCCGCTATCAGCAGCACCAAAGCGGCAAAGGGGGCGAAAG  $\tt CACTGCGCGGGAAAGGAGAACTAACGCTGGTGTTTTCCGCGCCAGTGGGCGATCGTTCGCTGGCGTTACGGGCGGAATAT$ GCAAACCCCGGAGATTAAAAGCGATTGAAATGCTCGTGATACTCAACCAGGCCGGTAACGCCATTCAGCGCGTCATCCGC TAAACGATGTACCTGGAAGGCGCTTTCAGTGCCCGGCCAGCGGCAACGCAGATCGTGATGCGCCGCCAGTTCAAAGCCGA AACGACTGTACAGCGCCCGGATCGCCCAGCGTCACCACTGCGGCATAGCCGAACTCATTAAGCGAATCGAGTCCTTCATAG GCCCTGCACATCAACCGGACTAAATGCCACTAGCCAATGACCTGACCTTCGTCATCTGTCGCCACCAGCCCCAGCGTCA GAAAGCCATCTTCACGCAGATCGTGAACCAGCTTCGCTTCCGCATCACTTTCGAATGAGCGACGCAGCAGCAGCATCAATA ATTCCCGCCTCAACAAAATCCGCCAGTTGCAGCATCATGCGTAAGGCTTTCGGCATTTGCTCCAGTTCAATGGCGTC CATCAGGTTTTTCACATACAGCCCCAGCTCCGTATCGCCTTCAATCACCAGCCGACGCTGGAAGAAGAGCGTATCCGGAT ACCAGTTTGCCATTCACCACCGAGGTAAACCATTGCAGGTCAATATCACGCACATGAATACTTAACCAGCGGCCTTCAAG AAACTCCAGCTCGCCATCATCCAGCGCCTGGCGGAATTGCCAGCTTAAGACCTGCTCAAGAACCTGGCGTTTTAGCGCAA TTTACTCCCTGTTTCAACAATCATCCTATTTTGCCATATCAGAAAAATAACATAGCGGTATAAATCAACAATTCCATATG AAATTGCTGCTACCACCAATACAACTTTAACTGCCTTAAATCAAAAATTGTCGCAGCAAGGTTAACTAAAATCCCAGTTC GTTAACATTTTTGCGTTTTGATAGCGCAACCTTCAGGAAAAATTATGGAGCTGCTCTGCCCTGCCGGAAATCTCCCGGCG CCTTAACTTTACCGAGAAAAAATTGCAGGAAGCGGTGAGTTTTGTCCATCAACATCGCCGCAAACTTCACATCGCGATTA ACACTTTTGCGCATCCGGACGGTTACGCCCGTTGGCAGCGCGCGTGGATATGGCGGCGCAGCTGGGTGCCGACGCGCTG ATCCTCGCCGACCTCGCCATGCTGGAGTACGCCGCCGAGCGTTATCCGCATATTGAGCGCCACGTATCGGTGCAGGCTTC GGCGACCAATGAAGAGGCGATTAACTTTTATCATCGCCATTTTGACGTTGCTCGCGTGGTGCTGCCGCGCGTGTTGTCGA  ${\tt TTCATCAGGTGAAACAACTGGCACGGGTCACACCTGTACCACTGGAAGTCTTTGCTTTCGGCAGCCTGTGCATTATGTCG}$ GAAGGTCGTTGCTATCTGTCGTATCTGACGGGTGAGTCGCCCAACACCATAGGCGCGTGTTCTCCGGCCCGTTTCGT GCGCTGGCAACAACGCCGCAGGGGCTGGAATCCCGCCTGAACGAAGTGCTGATCGACCGTTATCAGGACGGCGAAAACG AATACCCTGGAACTGCTGCCGGAGTTAATGGCGGCGAATATTGCTTCGGTGAAAATTGAAGGCCGCCAGCGTAGCCCGGC GTATGTCAGCCAGGTGGCGAAAGTCTGGCGTCAGGCTATCGACCGTTGTAAGGCCGATCCGCAAAACTTTGTACCGCAAA  ${\tt GCGCGTGGATGGAGGCTCGGGTCGATGTCCGAAGGCACGCAAACCACTCTTGGCGCATATCACCGTAAATGGCAGTGA}$ GAAAAGCAATGAAATATTCCTTAGGGCCAGTGCTGTGGTACTGGCCAAAAGAGACGCTGGAAGAATTTTATCAGCAGGCC GCCACCAGCAGCGCGACGTGATTTATCTTGGTGAAGCGGTATGCAGCAAGCGTCGGGCAACCAAAGTTGGCGACTGGCT GGAGATGGCAAAATCGCTCGCCGGGAGTGGTAAGCAGATTGTGCTCTCCACGCTGGCGCTGGTGCAGGCATCATCTGAAC  GAACGCAAACTGCCGTTCGTCGCCGGGCACGCGCTGAACTGCTACAACGCGGTGACACTGAAAATATTGCTCAAACAGGG  $\tt TCGGAAGACCGCCCGAAAGATGAGTGTGAAACCTGCTGCATTAAGTATCCGAACGGGCGCAACGTGCTGTCGCAGGAAAA$  $\tt CCAACAAGTGTTTGTACTCAATGGCATTCAGACCATGAGCGGCTACGTTTACAACCTCGGTAACGAGCTGGCATCCATGC$  ${\tt AGGGCCTGGTTGATGTCCGCCTGTCACCGCAGGGTACTGACACTTTCGCGATGCTCGACGCCTTCCGCGCTAATGAA}$ AGCCTAAGTAAATAGCTCACTTTGTTAACAACTTTAACTACTCTTTTAATGCAGTATTAAAGATTAATCGGTAACAAAGTG AGCTGTTATGACTGATAAAACCATTGCGTTTTCGCTACTCGATCTGGCCCCCATTCCCGAAGGTTCTTCAGCGCGAGAAG ATGACTGGCATTGCCAGTGCTGCCACGTCGGTATTGATCGGCTATCTGGCGGCGAATACCACCACGCTGCATCTGGGGTC GAATCGATTTGGGGCTGGTCGTGCTCCGGGTAGTGACCAACGGACAATGATGGCGCCTACGTCGTCATATGAGCGGCGAT ATTGATAATTTCCCCCGCGATGTGGCGGAGCTGGTGGACTGGTTTGACGCCCGCGATCCCAATCCGCATGTGCGCCCGGT ACCAGGCTATGGCGAGAAAATCCCCGTGTGGTTGTTAGGCTCCAGCCTTTACAGCGCGCAACTGGCGGCGCAGCTTGGTC TGCCGTTTGCGTTTGCCTCACACTTCGCGCCGGATATGCTGTTCCAGGCGCTGCATCTTTATCGCAGCAACTTCAAACCG
TCAGCACGGCTGGAAAAACCATACGCGATGGTGTGCATCAATATTATCGCCGCCGACAGCAACCGCGACGCTGAATTTCT GTTTACCTCAATGCAGCAAGCCTTTGTGAAGCTGCGCCGTGGCGAAACCGGGCAACTGCCGCCGCCGATTCAAAATATGG ATCAGTTCTGGTCACCGTCTGAGCAGTATGGCGTGCAGCAGCGCGCTGAGTATGTCGTTGGTAGGTGATAAAGCGAAAGTG  ${\tt GCGGCTGCATTCGTTTGAGCTGGCGATGGATGTTAAGGAAGAGTTGTTGGGATAGTGTCTTAACGCGGGAAGCCTTAT}$ AGGCACCGCTGATTACTGATACACCGGCAGTAAATTAAAGCTCGATAAAATATGCACCAGTGCGTTGCCGACGCCAAACA AACAGCGCCGGAACAATTGCCGCCCAGATGGTAGCCGCTAAACCAGCATAACCAATGGCGTACAGGAATCCGTTCGGGAA AGCAGCAGATCCAGACTACGGCTGTTCAGTACGCCGCTTAACGCCTGTACCAGCACATCAATATTACCGCCCTTCTCTGC AATACCGATAAACTCCGGACGCGGGATGTTACCCATCGTCGCCAGCAACCAGATGGTATACAGCGCCAGCGCCATCAGCG TACCGTACACCAGACATTTCACGATGGTTTTCGGATCTTTGCCGTAATACTTCATCAGGCTTGGCACGTTACCGTGATAA  ${\tt CCAAACGATGCCAGACAGAACGGCAGGGTCATCAACAGATACGGTGCATAAGACGCATTGCTTTCGGCGACGTTGAACAA}$ TGTCGCAGGCTGCACATGCCCCAGCAGGCTACCAAAGGTGAGGAAGAAGGTAATGACTTTCGCCCCCAGCACAATCGCTG TCATGCGACTGACGGCTTTAGTGCTCAACCACCACAAACGCTACCAGCAATGCAAAACCAAAACCGCCGCCGCCGTGCC GGGACGTTTAGTGACATCTCTGCGAAGGTGTGATGCAGAATCGAACCACTGGCAGAAATATAGGCATAGGTCAGGATATA GAGCACAAAGGCAATGGAAATGCCGTTGACCACGTTCCAGCCTTTGCCCAGCAAATCTTTGGTGATGGTGTCAAAACTCG  ${\tt AACCGATTCTGTAATTCAGGTTAGCTTCCAGAATCATCAAGCCGGAATGCAGCATACAGAACCAGGTAAAGATCAGCGCCC}$ GCCATTGACCAGAAAAACCACGCCCCGGACATGACCACTGGCAGAGAAAACATCCCTGCGCCAATAATGGTGCCGCCGAT AATCACCACGCCGCCAAGCAGCGCGACGGTGACGTTTGGGTGGTGGTTAGTGTTGCCATGAGGGCTTCTCTCCAGTGAAAAA TAGTGCGACTGCGTTGTTATGCACTGTACCAGTACACGAGTACAAAAGACAGAAAAAAAGCCCCGATGGTAAAAA GGTAGAATCATCACGACGCGGAGCGCGCCTTCACGACGTTCGCCGCTAAAACGACGACCATCACCACGGCCACCTTCAC GGCGTTCACCGCTGAAGTTACGACCGCCTTCACGACGTTCGCCACCGAAACCACGACCACCGCCACGACGCTCACCGCCA GTATGCGGCTGTGCATCGCCCAGTAACTGCATGTTCATCGGCTTGTTGAGAATGCGAGTGCGCGTAAAGTGTTGCAGCAC TTCACCCGGCATACCTTTCGGCAGTTCGATGGTGGAGGTGAGAACCAGCTTGATGTTACCAATGTAACGGCTGCTGA TGTCGCCTTCGTTAGCAATCGCACCAACGATATGACGAACTTCAACACCATCATCGCGGCCCACTTCAATGCGGTACAGC TGCATATCGCCAACATCACGACGTTCACGACGCGGACGATCTTCACGGTCACCACGCGGGCCACGGTCGTTACGATCGCG  AGCAGTGCGCGGTATTGATCCAGATCGCTGCTTTCCAGCTGCTGCTGTACTTTAGCGGCGAATTTTTCCAGACGGCGTTT GCCTAGCAGTTCTGCGTTCGGCAGTTCTACTTCCGGAATAGTCAGCTTCATAGTACGTTCAATGTTGCGCAGCAGACGAC GCATCAAAATCTTCCGCTTCCAGGAAACGTACCAGTGCTTCGTTTTTTGCGCATACCCCAGACAGTCCAGTAGCTCTGGCT GATGTCAGGACGGGTAGTCACGCTGGACTGAATGCGCACTTCCTGCGGCTCTTTCATAAAGCGGCGGGTAATGCGACGAA  ${\tt TCGCTTCCGGCATGGTTGCAGAGACAGAGCGGTCTGATGACCTTCCGGGATCTGCGCCATAATGGTTTCAACGTCTTCG}$ ATGAAGCCCATGCGCAGCATTTCGTCAGCTTCATCCAGAACCAGACCGCTCAGTTTAGAGAGGGTCCAGAGTGCCACGTTT GCTGGCCGCCGTACAGAGCAACCACATTTACGCCGCGCATGTGTTTAGAGAAATCCGTCATTGCTTCAGCAACCTGTACC GCCAGTTCGCGGGTCGGTGCCAGCACCAGAATCTGTGGTGCTTTCAGCTCAGGATCAAGATTCTGCAACAGAGGTAAAGA GAATGCTGCAGTTTTTCCGCTCCCGTCTGGGCCATACCCAGAACGTCGCGGCCATTCAGCAGATGTGGAATACACTCTG  $\tt CCTGAATTGGAGATGGTTTTTCGTAACCCAGATCGTTAAGGGCTTCAAGGATAGGAGCCTTCAGGCCCAGATCTGCAAAA$ GTGGTTTCGAATTCAGCCATGTAGTACGTGTGCCTCAAAATTAATGGCGGCCAGTCTACATAACTCATCATGAAATTGAT CAGCAATTTTCATTGAAAAGTGTGAACCGGCTCAAAGTAGGTGTATTAACGAACAACGCCCTCACCCGTTAAGGTGA  $\tt TGGCAATCAAAAAAGATTACGGGCTGATGTGTACGTCAGCTATTGCTGGTCCGATTCTGCCAGGTCATCTTGGTCCTGGC$ GCCGTGGCGCTGTCCAAATCCCCCAGACTTAGGTAGTACTTACCTAAATAGAAGTTGGTTTCACTGAGATGCTCAGCGAG  $\tt CGAGGTGTTATCCGTTGCGTCCGCCTTGAGCCTTTCCATTAACGTTTGTTCGCTAATGTTGCCCAGGTAGAACTCGACAA$ TGTTCCATCCCACTGTTCCTTATCCGATTTTTCGAAGTGCTGTTTCAACACTTCTTTAGCCTGCTTCTCATCGAGCTTC TGCTCGGCGAGATAAAGCCACAGACTACGGAAAGGATCATTGGGATCGTCTTGATAAAACGCCAGCAGATCATCTTGCGC TAACTTGTCACGACCGCCGTAATATAATGCGATCCCGCGATTCAAGTGCGCGTAGTTGTAAGTTGGATCAAGCTCAAGTA ATATCCGGTCGGATTGCCAGCGCTTGCGAAAAATCGTTACGCGCTAATGCCCTCAGACCGAGACTATCATACAACACTCC  $\tt GCGCTCATATAAAAGCTGTGCGCGTTCGTCATCGGTTAAAGCCCGACTGGCAAGGATTTGTTCCATACGTGCCAGAATCA$ CTTCCTGCTGTAAAGTCGGTTGCAATGGTACCGCGAGGACTTCACTTTTACGCCAGGAAGTATTACTGCATCCTGCAAGC TGTTCCCGGTTGCTAACAAGGCGTCCTGCCCGGTTAAAAGCCCCCCGCCGCAGCGAGGGCAAATGGCAACCTTACTCGC  ${\tt CCCTGGCGATCAACTTCCAGAACTTTCACCGGTACTTCCTGACCCATCTGCAGGTAATCGGTCACTTTCTCAACGCGTTT}$ GTCAGCGATTTGAGAGATGTGGACCAGACCTTCTTTACCGCCGCCGATGGCAACAATTGCGCCAAAGTCAACGATACGGG TCACTTTACCAGTGTAGACGCGGCCCACTTCGATTTCTGCAGTGATCTCTTCGATACGACGAATAGCATGTTTCGCTTTC GATTACAGAACCGCCTTTACCGATAACATCTTTGATCTTGTCCGGGTTGATCTTGATGGTATGGATACGCGGTGCGAACT AGCGCAACCTGCATGATCTCTTTGGTGATACCTTCAATTTTGATATCCATCTGCAGTGCAGAGATACCGTCGCGGGGAACC TGCAACTTTGAAGTCCATATCGCCCAGGTGATCTTCGTCGCCCAAAATGTCAGACAGTACAACGTAGTTGTCGCCTTCTT TCACCAGACCCATTGCGATACCCGCAACGGCAGCTTTGATCGGCACACCTGCGTCCATCAGCGCCAGAGACGCGCCGCAC  $\tt CGGCATGACTGCCAGCACGCCGCGCTTCGCCAGACGACCGTGACCAATTTCACGACGCTTCGGAGAACCGACCATGCCGG$ TGCGCGTCACGAGCAGTACCCAGCGTTGCGGTAACCAGCGCCTGCGTTTCACCACGGGTGAACAGCGCAGAACCGTGAGT GTACGCGGCTACGAACAACGTTTTTCTCGATCGCGTGCAGAATTTCACCCAGGTTCGTTTTCGTCCAGGGTTTCGTCTTCA   ${\tt CAATCGGGCCATTGAACGGAATACCAGACAGAGACAGCGCTGCGGAAGCACCAATCATCGCGACGATATCCGGGTTAACT}$ TGCGGGTTAACAGAAACCACGGTGGCGATAACCTGAACTTCGTTGACGAAGCCTTCCGGGAACAGCGGGCGAATCGGGCG GTCAATCAGACGCGCGATCAGGGTTTCGCCTTCGCTTGGGCGGCCTTCACGACGGAAGAAGCTACCCGGGATACGACCAG GTAACGAATACCGCGGTGTCATCCATGCTAACCATAACAGCGGCAGTAGCCTGACGAGCCATCATGCCGGTTTCCAGAGT TTACGGCACTGGTGTTAATACCCGATCTTCTGCGCATCCTCGCGACTAATGACAACCCTAACCCAGCTCTATGTGGGTAA TGAGCTGGGTGTAACGTCTTTACGTTTCAGGTAGTCGAGCAGTTTACGACGCTGAGAAACCATGCGCAGCAGA ACATTTTAAAACTCCAAAGTATATAGAATGAAAGGACGCCGATCTCTAATTCAGCGATCCCAGTGTACGTTACGCAAAGT GTTAAACAATTTACGCGACGTTAAGCGGCAGTATTCTACTCGTAGCGACCTGTTATCGCAAGACGGTTAACATTACGCCG GGTATTCAACCACCAGGCGACGAGGCGCAACGCGGCCTTCATCGTCAATTTCGCCCATACCGATAAATTTGCCGTTCTCA CCTTCCGTGACGCGAACCAGTCCTTCCAGTGGCGCACCAGATGTACGAACCGGGTTACCATTTTTGAAGTAAACAGAAGA  $\tt CTGGAATATCCTGCTGTTCAGCTTGCTCAACAAGTTCACGCAGGTGCTCCAGGGTCACCATCCGTTCAACCGGATATTTA$ CTTACCGCCAGACGGCGCAGGTAAATAACATGCGCGCCACAGCCGAGTTTTTCACCCAGGTCATCAATGATGGTGCGGAT ATAAGTGCCTTTTGAGCAGTGAATTTCCAGCTCCAGCTCATTGCCTTCATGGCGAATAAACAGCAATTCATAAACGGTAA TACATCGAAGGGATCTGTTCGATATCGCCACGGAAAGTATCCAGTGCCGCTGCCAGCTGCTCTGCGCTAAAGGTTACCGG  ${\tt ACGTTCTTCAACGATCTGTCCGTCGGCATCAGAAGTATCGGTACGCTGTCCAAGACGCGCAATGACCCGATAGCGTTTGT}$ GCACCGGTATGCCCGGCACGGTTGGCGTTATATATACGTTTCACTTTTTGCAGCGCATCGTTGCTGGACATACCCTGAGG TTTATCCAGCAACAAACGCCGTTAATGTCGCGACCGCGACGACGACGACTCATTAGTCCTCCTTGCTGTCCGG GTTAACACGACGTTCTTCGTCATGTTTGACCACGCTGGTCACCAGGTTTGACATGCGCATCCCTTCAACCAGAGAGTTGT  $\tt CGTAGAAGAAGGTCAGTTCCGGCACGATACGCAGGCGCATCGCTTTCCCCAGCAGGCTGCGGATGAAACCAGAAGCTTCT$ TGCAACGCTTTGATGCCCGCTTTAACCGCGTCTTCATCTTTGTCGTTGAGGAACGTCACATATACTTTGGCATACGCCAG GTCGCGAGACATTTCGACACCGGAAACGGTGGTCATCATGCCCAGGCGAGGATCTTTAATTTCACGCTGCAGGATGAGAG CGATCTCTTTTTGCATTTCCTGCGCTACGCGCTGCGGGCGACCAAATTCTTTCGCCATAATAAATTCTCCTGACAAAAAA GGGGCTGTTAGCCCCTTTTTAAAATTAATTTCAGGTGGAAGGGCTGTTCACGTTGACCTGATAAGACGCGCCAGCGTCAC ATCAGGCAATCCATGCCGGATGCAGCGTAAACGCCTTATCCCGCATGGAACCCTAAAAACCTTAAGCAATGGTACGTTGG ATCTCGATGATTTCGAATACTTCGATCACATCGCCAGTGCGGACGTCGTTGTAGTTCTTAACGCCGATACCACATTCCAT GCAGAACGCGGATCGGGTTGTGACGTTTAACCACACCTTCGGTAACCATACAGCCTGCGATGGCACCAAATTTCGGCGAT TTGAACACGTCACGAACTTCCGCCAGACCGATAATCTGCTGTTTCAGTTCCGGAGACAGCATACCGCTCATCGCCGCTTT  ${\tt CACTTCGTCAATCAGGTTATAGATGACGGAGTAGTAACGCAGATCCAGGCTTTCCGCTTCAATCACTTTACGTGCAGAGGCTTCCAATCACTTTACGTGCAGAGAGGCTTTCCAATCACTTTACGTGCAGAGAGGCTTCCAATCACTTTACACTTTACACTTTACACTTCAATCACTTTACACTTTACACTTACAATCACTTTACACTTTACACTTACAATCACTTTACACTTACAATCACTTACAATCACAATCACAATCACAATCACAATCACAATCACAATCACAATCACAATCACAATCACAATCAAATCACAATCA$  ${\tt CTGTACGTCTGCCTTCAGGACGATATTCACTTCGTGAACTTCGCCTTCGGTCATGTTGGCGAACATGTTCTCGAGTTTAG}$ ATTTCTGCTGACGCCCCAGTTTAACTTCGCGGAATTTACCCTGACGATAGAGTGCAACTTCACGCGCTTTCTTCTCGTCA  ${\tt CAGCACTTCCTGACCCAGTTCGTTACGCATCGCACGAACACGACCGTATTCGAAGCCACACAGAACGATATCGCCCTTGT}$  GCCATACCTTTACGTACCGCTTCAGCTCCAGAACTTCCGCCTGCAGCAGGATAGCGTCCAGCAGTTCATCGATACCGGT  ${\tt ACCCGCTTTCGCAGATACGTGTACGAACTGGCTTTCACCGCCCCACTCTTCCGGCAGGATGCCGTACTGGGAGAGTTCGT}$ TCTTAACGCGATCCGGATCAGCTTCTGGTTTATCGATCTTGTTCACTGCAACCACCACCGGTACCTGCGCCGCTTTCGCG TGCTGGATTGCTTCGATGGTCTGCGGCATCACACCGTCGTCGGCAGCAACAACCAGGACTACGATGTCCGTTGCCTGCGC GGTATGCACCAATGTGCTGGGTAATGCCGCCCGCTTCGCCAGAGGCCACTTTCGTTGAACGAATGTAGTCCAGCAGAGAG  $\tt CATTACCGCCTCTTCCAGCTCGTTTTCACGACGCAGGATAACTTTATGGCCCATCTCTTCAGCAACCAGCTGTGCGGTTT$  $\tt CCTGATCGATAACCTGGTTGATGGTTGCCATTGCGCCCAGTTTCATCATCGCTTTGATGACCTGAGAGCCTTTAACCGCC$ ATCTTGTTCGCCAGTTCGCCAACGGTGATAGTTTCGCCGATCACAACGTCACGGTTAACGGCCTGAGCAGGCTTCTGGAA GCCTTGCTGCAGCGAAGAACCTTTACGTTTTCCGCCTTTACCGCCACGTACTGCTGCGCGTGCTTCTTCACGATCAGCTT  $\tt
TTGATTCAGCGTGTTTGTTGCCTTTCTCGGACGCGCTGCTTTCGCGTTACGACCACGGCCACGGCCGCCTTCGACTTCACTT$  $\tt CGATCGCTTTCGTCTTCTGCCTGGCGAGCATGTTGAGAAGTAGTGACGTGATAATCGCTGGAATCTTCAGTCGGTTCCGCTGGATGTTTCGGTTTCGGTTTCGGTTTCGGTTTCGGTTTCGGTTTCGGTTTCGGTTTCGGTTTCGGTTTCGGTTTTGGTTTTGGTTTTGGTTGGTTGGTTTTGGTTTTGGTGGT$ GTTATCAGTCCATTTGTTTTCTCCGCCATACGACGTGCTTCTTCAGCAACGCGACGTGCTTCTTCTTCGAGTTTACGAC ATATCGTCTTGTTGATTGCTCACTTTGTCTTTTTCCGCAGCTTCACGTTTCGCTTGTTCAGCAGCTTCACGCTTAGCTTG TTCTGCGGCCTCACGTTCAGCTTTTTGTTGCGCCTCGCGTTTAGCCGATTCTTCTGCCTCACGACGGGCTTGCTCTTCCG  ${\tt ACTTCCGGATACCTGCATCAGCAAATTGCTGTACCAGGCGTTCCACGGAGGTCTGTCGCTCTGCGGCCAGCGTTTTAATC}$ GTTACATCTGTCATGCTGTTCCTTCCTGCTACAGTTTATTACGCTTCGTCACCGAACCAGCAAATATTACGGCAGCCAT GCGTACAAACGCCACGGGCGGCCAGTTTGAATGCCAAATCACGATCTACCCCTTCAAGGTTCAGCAGATCGTCAGCCGGT TTGTTATCACCGAGGCTTTCTTCCTGGGCCTGTGCAATGGTGGCCAGTGCATTTTTTAGCACGCTCGCGCAGTGCTTCAAC GGTCGGCTCATCAAGGCCTTCGATTTCCAACAGCTCTTTCATCGGCACATAGGCCAATTCTTCCAGCGTCGAGAAGCCTT TGATGCTTAGCCTGCAGGTCGTCAACGGTCATCACGTTGAGTTCCCAACCGCTCAGCTGCGAAGCCAGACGCACGTTCTG TAGAAGCAACGTCTGCCGGTGCCATTGCGTTAATCACGAACTGCGCCGGGTTATCATCCCACAGGACGATATCGATACGC TTTCTGGCACTTCAATACGGAACAGTTCGATCAGCATTTCCGGCTTGGAACGAGTGACGAACAGTTGCGCGCCACGCGCT TCCGGGCGAACGGAATAGAGCACGCCACGAACGCGGTCGCCAGGGCGGAAGTTTTCACGCGGCAGCATATCTTCGCGCAG GATCACGGCTTCAGCGTTGTTGCCCAGATCCAGAGAGATGTTGTCGCGGTTTACTTTTTTCACCACGCCGGTGATGATTT GTCTGGGTAGTGATACGGTCAAAGGTAACAGACTCAATCTGATCTTCAACGTAATCGCCCAGGTTCAGGCTTTCATCTTC  $\tt CTTTCCAATGCTTCGAAAATCTTCTCGCGAGGTAGCGCCTTTTCATTGGATACGGCTTCAACTACAGCCAAAATTTCTTT$ GTTCATCGCGGGCTTTTCACCTCATCCAGACTATTAAAAGTGGGGAACCAGGTTCGCCTTCTGGATATTACTCAGCGCGA ACACTTCATCTTTACCTTCGACGGTAACTGTGATCATTTCACCGTCTACCGCTTTGATAACGCCCTGCCATTTACGACGG TTTTGTACCGCCATACGGAGAACCAGAGTCACCTCTTCTCCGACAAAACGGGCGTAGTGTTCAGCCGTGAACAGTGGGCG ATCGAGACCCGGTGAGGAGACTTCCAGGTTATAAGCAACGGTGATGGGATCTTCAACATCCAGCACAGCACTTACCTGGTGGCTCACATCAGCACAATCATCAACATTGATGCCATCTTCACTATCAATATAGATGCGCAGTGTGGATGTGCGACCGCGA ATAAATTCGATGCCAACCAGTTCAAAACCCAGGGCCTCAACTGGCGCAGTAATCATCTCTGTTAATTTTTGCTCTAATGT GGACAAGCCCACCCCAAGACATAAAAAAAGGGCCTAAAGCCCAGTTATTCTGTAGTCAGATAACAAAAAACCCCGATAA ATCGGGGCTTTATATAACTGAACCCTATAACCGCAACTGCGGTCTGGAGCACTTTCCAGAAGGATTTTTTCAAATCCCAC TACGAAGGCCGAAGTCTTCACAGTATATTTGAAAAAGGACTCTAAGGGAAAGTGGTTGCGGGGGCCGGATTTGAACCGAC GATCTTCGGGTTATGAGCCCGACGACGACCTACCAGGCTGCTCCACCCCGCGCCTGAAACGTGGCAAATTCTACTCGTTTTTGG GTAAAAAATGCAAATACTGCTGGGATTTGGTGTACCGAGACGGGACGTAAAATCTGCAGGCATTATAGTGATCCACGCCA  ${\tt CATTTTGTCAACGTTTATTGCTAATCATGTGAATATCCAGTTCACTTTCATTTGTTGAATACTTTTTGCCTTCTCCT}$ GCTCTCCCTTAAGCGCATTATTTTACAAAAAACACACTAAACTCTTCCTGTCTCCGATAAAAGATGATTAAATGAAAACT GATCCCTCGTCGTGCCATGGAATACGGCGCGGAGAACGCACGTCTGATCGACTGCCGCAAACAACTGGTGGCCGAAGGTA TTGCCGCTATTCAGTGTGGCGCATTTCATAACACCACCGGCGGCCTGACCTATTTCAACACGACGCCGCTGGGCCGCCCC GTGACTGGTACCATGCTGGTTGCTGCGATGAAAGAAGATGGCGTGAATATCTGGGGTGACGGTAGCACCTACAAAGGAAA AATCGTCAACCCGATTATGGGCGTGAAATTCTGGGATGAGAGCGTGAAGATCCCGGCAGAAGAAGTCACAGTACGCTTTG AACAAGGTCATCCGGTGGCGCTGAACGGTAAAACCTTTAGCGACGACGTAGAAATGATGCTGGAAGCTAACCGCATCGGC GGTCGTCACGGCCTGGGCATGAGCGACCAGATTGAAAACCGTATCATCGAAGCGAAAAGCCGTGGTATTTACGAAGCTCC GGGGATGGCACTGCTGCACATTGCGTATGAACGCCTGTTGACCGGTATTCACAACGAAGACACCATTGAGCAGTATCACG CGCATGGTCGTCAGTTGGGCCGTCTGCTGTACCAGGGGCGTTGGTTTGACTCCCAGGCGCTGATGCTGCGTGACTCTCTG CGTCTCAGAGAACCTGACCTACAAGCCAGAGCGTCTGACGATGGAAAAAGGCGACTCGGTGTTCTCGCCAGATGATCGTA TTGGTCAATTGACCATGCGTAACCTGGATATCACTGATACCCGCGAGAAACTTTTCGGTTATGCCAAAACTGGCCTGCTT  ${\tt TCCTCCTCTGCCGCTTCAGGCGTGCCGCAGGTGGAGAATCTGGAAAACAAAGGCCAGTAATTCGACATCAACCCTGCCCT}$ TCAGGGGTGGGGTTACCTTGCTTATCCTCTGTAAACTCCTTTCTGAGCATCACATAATCGAAAACATCATGGTTTGCATC ACGCATTAATAAGGTAATTATTGTAAGCTGTCGAAAAGATGTTGTTTTCCGTTGTGCGATCCACGCCATCCCCAAGAACG GGGCTATACCAGATAAACATCGGGACATGATATGCCTGCTGGCTAGCCTCCCTGCCTCCATGAAAATAGACGTTCTTCTT CTAGCAAACTATCTGTGTAATGAATGGAGTTGTCATAGCAGGCATCCTGATCGTCCTGCGGTTGAAACACGGCGCTGGAT TGCGGATAGGCGCTACAAGCCGGTTCATGGCTTCCATTTAAATGAAGAACAATCAGTTTCTTTTGCTGCGTATTTTTGCTG TAATGCTTGCGATAAATGCGGCAACAACAATTCATCAAATCCTCTGACATAAACTGTTTCCATGGCGCGCATGGCGATAC TGGTAACTGCTGTACCATTCTGCCGAAAAGCGGATTGCGAGCTTAGCCAGAAAGTCTGAAATCCTGCTTGATTAGCCATA AGTGTAAGGTGCGCCGCTTATTGCTTGATTAAACAGTTTGATCTGTTTTTCTTTGTGCTTCAACTTGCGGTGTCGTAGAGC GTGTATATCCATACAAAGACATATTGTCGACACGTACAGACTCCCCCACAATCAACACGTAGGTATCAATACCTGTATCC CTGACTGATAATTGAAAATACGGCACCGTGTTTGCAATTGAGAGTAATCTTTGATGCTCTTTCGCTGCTAAAGCAAAATA GTTGAGATTGAAAAACGGCGTATAGGTAGCAAATCGCGACGCTAGTATATATGGACTGAACGCTTTTTTATTTTTTTCCAT  $\mathtt{CTTTATAAGCAAATTGACAAGCGGAAATAAACTGCCCGAAATGACAATCAGCAATAATATTCCTGTCACTTTTTTTGTC$ GGCAAGGAAACATCATATTTTATTACTGCCAAAAAAAGGGGATAAAAAAGCCAAAGGCACATAGATAAGGGATATA CATCCCCAGCATTTTGACAACTTCATCCGGATCACTCTGGAGCACACTAATCGCAAATCCATCATTGAAAGTTGTACCAA GGAAGGGATGATATACGTTTTACAACCAGGATGGTCAGAACGAAGAACAGCAAGCGCTGAACCATATGCGCTCCGGAAGA  ${\tt AGCGACTAAGTTCGTAATACCAAAAACAATAACACAAAGATACAACAACCAATGAGATTTAAAAGTTCTAGCAAATTTGT}$ TGAATACTGTCATCCAGAAATCCAAGTTCACAACCAATATAAACAATTATCAACAATGTTTAATTTTATATCAGACATGT TTAAATAACATTATCAATGCGTCTCTAAACATTACGCAGAACGTAGCCATCAGTCGTTATACTGACAGGAGCAGGATGGT TTATCGAGAAGTAAACATATCCGTATTCGTACCGGAACTGGAGTTGACACAATAAAGTGCCAATTATGTCAGTAGAAGGG AAAAATTTATAACTAAGGCGTACCGGCACCATCGTTTCAAGGTACCAGCTACGAGTAAAGCAACTGGACGAGATACAGAT GGACGGGACTTGAACCCGTAAGCCCTATTGGGCACTACCACCTCAAGGTAGCGTGTCTACCAATTCCACCACCTCGGCAC CACTCAGATTTTCCCATTCGCTACCTTTATTGGTTTTGTTGCTATTGATGTTACCCAGCACCAGACTGATGATGAAGAAT AACGTTGCCAGCAGCGCCGTCATGCGGGTCATGAAGTTACCAGAACCACTTGAACCAAACAGCGTAGCGGAAGCGCCTGC TCCGAAGGAGGCTCCCATATCAGCGCCTTTACCTTGCTGCAGCATGATCAGACCAACAAGGCCAATTGCCACAATAAGGA AAACTACTAAAAGAGCTTCATACATAATCAACCTGTTCCTTGCGGAGTTGCCGCGTACCAATGCTTCAACCAATAAAGCG GGAGTTTTTAATCTTTCCCACTGAAGCGGGTGTGAATACTAACCAAAGCGAATGACCTTCGCAAGGGCAATTTTATCGCA TTGTATCAACTGCGGAAAAAAACAGCAAAACCGATGTGTTCGCTGAGAAAAAAGGCCGACAATCGCCGCCTTTTTAGCCAG  ${\sf TTATCTAACGCTTTAAACGGCTTTTACTGCATCGGCGATGCGGTGTGCAAATTCAGTCACCTGCGCTTCGTCTTCGCCTT}$  $\tt CAACGATGCCGTCACCGGTAGTAGTTTTATCCAGCAGGATCACATGACCGGAATTCTCTGCACCGATACGCCAGCCTTTC$ AAGCCCCATGTTGCTCATCAATGTACCCACAGCGCCACCACGCAGCTGGCCCTGACGAAGACCTTCACGCGCGATGATAT ACATGATCTGATCGCCATCGACTTTATTGCCTTCATGGTCAACCATAATCACGCGATCGCCATCGCCGTCGAAGGCAATA CGACCCGCGGCATCAACGATACGGCTGGCTTTACCCAGTTCTGCCGAATCAACGCAGCTGATCTCCTTTTCCATTTCCGC TTCGATGGCCTCTTCTACCGCATCCGGCAGTTTGGTGCCGTCGATAGAGAAGAATTTAATGCCATTATCGTAGAACGGGT
TATGCGATGCAGATATCACAATTCCGGCCTCTGCGCGGAAGGTACGCGTCAGATAAGCCACGGCCGGTGTTGGCATCGGG  $\tt CCAGTGAAGAGTGCGGAAAGGCCCGCTGCCGCCAGACCCGCTTCCAGTGCTGACTCCAGCATATAGCCAGAAATACGCGT$ GTCTTTACCAATAATCTTACGGGAGCCGTGGCGCCCAGCACTTTACCCGCGGCCCAACCCAGCTTAAGCACAAAAT  ${\tt CAGGTGTGATCGGCGATCCCCTACACGACCACGAATCCCATCGGTACCGAAATATTTACGATTACTCATAGCGTTTGTT}$ TTCCTTTGCAGACAGAGTGGCTTCCACCACCCGCATCGCTTCTACGGTTTCTTTGACGTCATGAACACGAATGATGTGCG ATCATCGATTTTCGTGACATACCCACCAACAGCGGCAGGTTGAAATGGTGAAATTCAGCCAGGCGCGCCAGTAATGAATA GTTATGGGAGAGATTTTTACCGAAACCGAATCCGGGGTCGAGCAACATTTCTCTTTTGCGATACCCGCCTGCTCGCAAC GTGCTATTTGCTCAATAAAGTAGCGATTCACTTCTGCAAAGACATCGTCATACTTCGGAGCTTCCTGCATGGTTTTTTGGA TTTCCCTGCATATGCATCAGACAAACCGGTAAACCGGTTTCTGCAGCCGCCTCCAGAGCGCCAGGTTCGGAAAGGGAGCG GATATCATTAATATGTGAGCGCCAACTTTCGCTGACTCACGGATGACTTCTGGTTTTGGATGTATCGACTGAGATCCAGA  $\tt CTTCGAAGCGTTGAGCAATTGCCTCAACCACAGGAATAACACGTTGCAACTCTTCTTCAACGCTAACTTCCGCCGCCCCT$ GGGCGCTGGACTCGCCACCAACGTCAATGATCGTCGCGCCAGCGTTGATCATCAGATTCGCATGTTTCACCGCATCTAT TTCGGCGTACGCGGTTCATCAACCGGACGAGGAGCCTTTGGACTACCATTGTCGCCAGAATTGTTAGAAGCGCCTGGTTC TTCCCAGCCCGCTGGCGGACGTACATCGCGACGTGCCATCAGGTCATCAATCTGCGGTGCGTCGATAGTCTCATATTTCA TGAGAGCATCTTTCATCGCATGCAGAATATCCATATTGTCGGTCAGAAGCTGACGCGCACGATTATAGTTACGCTCAATC  ${\tt AGTGCTTTCACTTCCTGGTCGATGATACGTGCAGTTTCATCGGACATATGTTTCGCTTTCGCTACGCCGACGGCGAGGAA}$ CACTTCACCTTCTTCTCCGCGTACAGCAGTGGACCCAATTTCTCAGAGAAGCCCCACTGAGTCACCATGTTACGTGCCA GGTTGGTCGCAACTTTAATATCGTTGGACGCACCGGTAGATACATGTTCCGGCCCGTAGATGATCTCTTCTGCCAGACGA CATGACCCGCTTCGTGGTAAGCCGTCGATTCTTTCTGCGCTTCCGTCATCACCATGGAGCGACGTTCCGCACCCATCATG ATTTTGTCTTTCGCTTTCTCGAACTCAACCATCGACACACGCGTTTGTTGCCACGAGCGCGAACAGTGCCGCTTCGTT GTACGCGACGCATGTGAACTTTCAGGATCTGCTCACGACCGCGAACATCTGGCAAGCCGACCACAACCTGACGGTCGAAA  ${\tt CGGCCAGGACGCAGGGCCGGGTCGAGAACGTCCGGACGGTTAGTCGCGGCGATAACGATGATACCTTCGTTACCTTC}$ GAAGCCATCCATCTCAACCAGCATCTGGTTCAGAGTCTGTTCACGTTCATCGTGACCACCGCCCAGACCAGCGCCACGCT  $\operatorname{\mathsf{GGCGGCCTACGGCGTCGATTTCATCGATAAAGATGATGCACGGTGCCGCTTTCTTCGCCTGTTCGAACATGTCACGAACA$  $\tt CGGGATGCACCCACACCGACGAACATTTCTACGAAGTCAGAACCGGAGATAGTAAAGAACGGAACTTTCGCTTCGCCTGC$ GCAAAGGTCGTTTTGATCTGATCTTCCGTCAGCATGCGCGCTTTGCTCTTACCAAACGACATGGCACCTTTGCCACCGCC GCCCTGCATTTGACGCATGAAGAAGATCCAGACACCAATCAGCAACAGCATCGGGAACCAGGAGATGAAGATAGAAGCCA  ${\tt ACCGGAATGTAAGTGGTATAACGGTTACTATCTTTCTTGGTAACGTTGATTTCACGTCGGTTGATACGCGCTTCACGAAC}$ ATACTGACATCAGCACAACGGCAATGACCAGCCAGAGTATTAGGTTTTTCGCCATGTCACTCAAGGGATTAACCTCTTAT TACAACTGTGTTAAAAACAGCGTCAGGATACTCTATATCCAGCATCTTTCAAACTTTCGTCTGAAATCTCCCGGTTAGGG TTTACGCCCGGTCGCTACAATATACACTTCCCGCGAACGTGCACGAGAAGAGTCCGGCTTACGAACTTTGACCTTCGTAA AATACATCACGACACATTTCTAGCGCCAGTTCCACCAGATACATGGCACGGGGGATATCCACCGCCGGTGTTCCGCTCAT GTTTGGTGCCATATCGGACATGACAACCTGGACTTTGCTGTCGCCAACGCGCTCCAGCAGTGCTTTCATCACCAGTTCAT  $\tt CACGAAAATCGCCCTGAAGAAGTCCACACCAACGATAGGATCCATAGGTAAAAGATCGCAAGCGATGATGCGCCCTTTG$ GAGTTTGTCACTTTGCTGTATTTCATCAAGTTTAAACCAGGCACGGGAACGTAACCCCTTTTTCTGTGCCTGTTGAACAT ATTTATCGCTAAAGTGTTCCTGAAGCCAGCGGCTGGAGCTGGCAGAACGCTTCTTACCTGTCATTTAACTTTCCCATGGG GATAACTCATCGTAACCAATTGCGTAAATTTTTACGCGCCCTATTTGGTGATATATGGGAGATGGCGGTAGAATGACCCGT TTTCAATCCCAACGTAAGCAAAAAATACGATGAATCTGAGTACTAAACAAAAACAGCACCTGAAAGGTCTGGCACATCCG TGAACTCATCAAGGTGAAAATCGCCACCGAAGATCGCGAAACTAAAACCTTGATCGTGGAAGCTATCGTGCGCGAAACCG GCGCCTGTAATGTACAGGTCATCGGTAAAACGCTGGTGCTTTATCGCCCAACTAAAGAACGTAAAATCTCGCTGCCACGC ACAGGTATTCCACCTTAATTACTTCAAATTCTACTTCGCCGCCCGGCGTTTTGATGACCACAACATCATCTTCTTCTTTG ATAAGTCTGTTCTTCGTCAGAATCCAGATTCAGCACCGTTACGGTAGCACCAAAAATAACGCGCCCATTGTTGGGCATTT TGGTGACATCAATCACCTGCGCGTTCGACAGCTTGGCTTCGATGTCTTTAATACGGCCTTCGCAGAAACCCTGCTGTTCA GCGCACAGATTTCAGAAAATCCAGCTCTTCGCGTAATTTTTCAGCGCCGCGTAAGGTCATCGGAATAGCTTGCATTTGTT ACCAGAAGCAAAAAAATACCGACCCGGGTACAAGTCCCAGGTCAGCTACAATTCACATTTTGATAGTCATTTTACCCTGA AGTTCCCGAAGGGTCATCGTTTACTTTATAGGGCGTTGCGCCGTAGTATGACGGCTCGATTCCAGGTTGTTAGCGCCGAGA TTATGCGATTTTCCAGATTTATCATCGGATTGACCAGCTGTATAGCGTTCAGTGTTCAGGCCGCAAATGTTGATGAGTAC ATTACTCAACTCCCCGCTGGTGCCAACCTTGCCCTGATGGTGCAAAAAGTCGGCGCGTCGGCCCCCGCTATTGATTACCA TTCGTTTTACCACGACGCTTGAAACCAAAGGCAATGTGGAAAACGGCGTACTTAAGGGTGACTTAGTGGCGCGATTTGGT GCCGATCCGACGTTAAAACGTCAGGATATTCGCAATATGGTCGCGACTTTGAAAAAATCTGGCGTCAACCAAATCGATGG TTAGCGCTCCGCCTGCCGCCATAGTTGACCGCAACTGTTTCTCCGTCTCGCTCTACAGTGCCCCAAAGCCTGGTGAT ATGGCTTTTATACGCGTGGCATCTTATTACCCCGTTACGATGTTCAGCCAGGTACGCACCCTCCCCCGTGGTTCTGCCGA  AGCCGCTCCCGTTGGCTTTTGCCGTGCAGGATGGAGCCAGCTATGCCGGTGCAATTCTGAAAGATGAGTTAAAACAGGCG GGTATCACCTGGAGCGGAACACTGCTGCGCCAGACTCAGGTTAACGAACCTGGAACGGTAGTTGCCAGTAAACAGTCGGC  ${\tt CCCGCTGCACGATCTGCTTAAGATTATGCTGAAAAAGTCGGACACATGATCGCCGATACGGTTTTCCGCATGATAGGCC}$ ATGCGCGCTTCAATGTGCCTGGAACATGGCGGGCCGGGTCGGACGCCGTGCGTCAGATCCTGCGCCAGCAAGCCGGTGTC GATATTGGAAACACCATTATTGCCGATGGTTCAGGGCTTTCGCGGCATAACCTGATTGCCCCCGCCACCATGATGCAGGT AGTACCGTGCAGGTCTGCATCAGGCGGCGTGGATGGAAAAGTCTCAGCGAAAACCGGTTCGTTGCAGGGGGTATATAAC  $\tt CTGGCGGGATTCATTACCACAGCGAGCGGCAACGAATGGCGTTTGTGCAATATCTTTCTGGCTATGCAGTAGAACCTGC$ GGATCAGCGTAATCGCCGTATTCCGTTAGTGCGTTTTGAAAGCCGTTTGTATAAAGATATTTATCAGAACAATTAGTCAA TTATCCGGCCTACAAAATCGTGCAAATTCAACATATTGCAATTCTCTTGTAGGCCTGATAAGCGTAGCGCATCAGGCTGA  ${\tt TTTGGCGTTTATCATCAGTGATTAACGCTTGTAAATGAACTCAACGCCTTCTTCGTCGTCTCTTCGTCCCAGTCGTCATCCC}$ TGTTTCGCTTCTTCAGCCTGCACGACCGGGTTTTCAATGATAAAGGTCATCACATCCCAGCAGAGATCTTTCACGCCCAG TCCACTCGCCGCAGAGATCAGATAATATTTATCTTCCCAGCCCAGCGCCTCAGCGATCGCTTTCGCTTTCTCTTCGGCTT TCGCTGATAATAATACGCGCGCTTTTCAACCGGATCGGTGCCGTCAATCGGATCGATATCGATGAGGTGCAACAGGACGCG GCAACGTTCCAGGTGCTTCAGGAAGCGAATGCCCAGACCTGCGCCTTCCGCAGCGCCTTCAATCAGTCCTGGAATATCGG TTCGGTTTAGCCGCCGATACCGCACGAATAAAGGTCGATTTACCCGCGTTTGGCATCCCCAACATACCGACGTCAGCCAG ATTTGAAACGGGTATTGCCCAGACCGTGCCAGCCGCCCTTAGCAACCAGCAGACGCTGACCGTGTTTGGTCATATCGCCC TCTCGTCGGCTTCCATCCATACGTCACCACCATCACCGCCGTCGCCCATCCGGGCCGCCTTTCGGAATATACTTTTCG  $\tt CGGCGGAAGCTCACGCACCATTACCGCCATCACCTGCAACGACCAGAATCGATGCTTCATCAACAAACTTCATTTATT$ TGGCGGAATACATCGCGCCCGCAACCACGACAAACGCACCGAGATAACCTAAAAGGTTTAACATCGGTCTGGCGAAGAAA TCGGGCCAGGCCAGTGATAAAAGATCTGAAAAAAACAGCGTAAACAGTGGGGTGAGCGTGATGATCGCGCTCACCTGCGC TGCCTGCCAGCGAGCCATCGCTTCCGCCAGGGCGCCATATCCTACCAAGGTATTCAGTCCGCAAAAAATTAAACATGCGA GCTGCCAGTGGCTAAGCTGCGCTATCACTCCAGGCTTTGCCAGAGGGAAGAGCGCAATTGTACATAAAGTGTACAGTAAA AACAGGATCTGCGGTGAGGCCAGCCGACTAAAAACCTTTTGCGCCACGCCATAACTCACCCAAACCGTCGCCGCACC GACCCCAAAGATAACTCCCCAGGTGTAATCGGTGAGCTTTGTAAATATCTCGACCAGACTGGTGTTAAAAAAACATCACCA GGCCGCTCAGGAGCATCAATGCCCCTACAACCTGAGTGCTGCGCATTTTCTCTTTGAGGATAAATACGCTGGCAACCATC ATGCCAACTGGCGAGGTTGCCCAATCACCTGCGAAGCGGTCGGACTCAGGTATTGCAAGGATGAGCTGAACAGGATGAA GTTCCCAAACAGCCCGGCGGTCGCCACTGCCAACAAATCAACCAGCGTGGCTTACGAAACACGCGTAATGGCGGCAACC TCTTCTTCACCGCAAGAATGCCACCCAGGCCAATACTCGCCATCAAGAAACGGTAAAACACGATTGTCGGAGGTTCCATC TGCCTGCTGCTTCATACCGTATTCCCTGCAAAGCGCATTTGCGGATTAACGTCGCACCATGCGCATTTTTACCGGTTATC GAATGTAAAAAGCCCCGCAACGTGTTGCGGGGCTTTCATCCGTTACCGGGACGCGAAAAACTTATTCAGCTTCGATGCTG ATAAATTTACGGTTTTTCGGGCCTTTAACTTCGAATTTCACTTTACCGTCTGCTTTAGCAAACAGAGTGTGGTCACGACC  $\tt CGAAACGCTTAACGCCCAGGCGTTTAGCTTCTGAATCGCGACCGTTACGTGTGGAGCCGCCAGCCTTTTTATGTGCCATT$ TGAAATCTCTCCTCAGGTCTTAGGCGCTGATGCCAGTAATTTTCACATCAGTGAACCACTGACGATGGCCCTGCTGCTTA GCCGCCATCAACGAAAGGAACGCCGATTTTGACTTCTTCACCGTTTGCGATCATCAGCACTTCAGCGAACTCAACAGTTT ACCGCGTACATATAAAACTCCGCTTCCGCGCACACCTTTTCAATGATTCAGAGTGCGCTATAAATATTCACAATAGGGCG GTTTATCTGTGCCATTTTTTCAGTACAATCACCCTATATTCCTAACCATAAACCCTAAGTTGCCTTTGTTCACAGTAAGG TAATCGGGGCGAAAAGCCCGGCTTTTGCGATGAATTTAGAAAAAATCAATGAGTTAACCGCGCAAGATATGGCGGGTGTT TAAACGTATTCGTCCGATGATTGCTGTACTGGCTGCACGAGCTGTTGGCTATGAGGGAAATGCGCATGTCACCATTGCTG  $\tt CCCTGATCGAGTTTATCCACACGGCGACTCTGCTACACGACGACGTTGTGGATGAATCAGATATGCGCAGGGGTAAAGCTAGATCAGATATGCGCAGGGGTAAAGCTAGATCAGATATGCGCAGGGGTAAAGCTAGATCAGATATGCGCAGGGGTAAAGCTAGATCAGATCAGATATGCGCAGGGGTAAAGCTAGATCAGATCAGATATGCGCAGGGGTAAAGCTAGATCAGATCAGATATGCGCAGGGGTAAAGCTAGATCAGATCAGATCAGATATGCGCAGGGGTAAAGCTAGATCAGA$  ${\tt CAGCCTCGGTTCGCTCAAAGTGCTGGAAGTCATGTCAGAAGCCGTAAACGTCATCGCAGAAGGTGAAGTTCTGCAACTGA}$ TGAACGTTAACGATCCGGACATCACTGAAGAAAACTACATGCGCGTTATCTATAGCAAAACCGCGCGTCTGTTTGAGGCT GCCGCGCAGTGTTCCGGGATTCTGGCTGGCTGTACGCCGGAGGAGGAGAAAGGCCTGCAGGATTATGGGCGCTATCTCGG TGAACGAAGGTAAACCGACGCTGCCGCTGCTGCATGCGATGCATCATGGCACACCAGAACAGGCACAGATGATCCGTACC GCCATCGAACAGGGTAACGGTCGCCATCTTCTGGAACCGGTTCTGGAACCAATGAACGCTTGTGGATCTCTTGAATGGAC GCGTCAGCGTGCCGAGGAAGAAGCAGACAAAGCCATCGCAGCGTTACAGGTGCTCCCGGACACCCCTTGGCGAGAAGCAC
AGTAAGTTCCATAAAAACACTTATTCAGCTCTATAACACCTGAAAAATAGGGATGTGCATCTTTATATATTCTGAATATT CACACTCTTTACAGGAACTTTTTAGAGCAATAGGCCATCAGGAGTATAGTGATGCTCGACAGAAGAAGTGTTCTGAATGA GCAAGAAGGGAACGTCAATGGCGGCGGAATCTCGCAGAAATGGTTTGAGTTCCTCAACGCTGGCGAATGCATTATCGCGC  $\tt CCATGGCCGAAAGGAGATGATTATTGCGAAAGCCCTGGGAACTGACCCCTGGGTTATCTGGCCATCACGCTACCATGA$ TCCGCAGACCCATGAGTTTATCGACAGAACGCAGTTGATGCGTAGCTACACTAAACCGAAAAAATGAGTGGTCTGGCGGT AGCCCCGCGAACGGGGCTGCCAGCTCTCAGACGATTATTCGCCTTTCACACGCTCAATATTTTGCACCTAAAGCGCGCAGT CAGCACCAGGCTTGCTGATGCACGCAGATCGGTTGCCATAACCTGTGCGCCAGAAAGTTTTTCAACACCGTGACAAATAA  $\tt CGGTATTGCTTTCGATTTCGGCGTGCGCCCCATACGGCTCAGCTCTGGCACATGCATAAAGCGGTTTTCAAAGACCGTT$  $\tt CGGCGCGGTACGTTAACAGCCTTCGGACGTTTGCCATGCATATCCAGGCTAATCCAGTCTTCGCCGACTTCGATGT$ GAAATCGCCGCCGCCACCAGGAAAGTACCGGTTTCGATACGATCCGGCAGAACGCGATAGACACCGCCGCCTAAACGTTC CGATTTCCGGTTCACGCGCTGCGTTTTCAATAATCGTGGTGCCTTCCGCCAGGGTTGCAGCACACATGATGGTCACCGTT GCGCCAACGCTGACTTTATCCATCACGATATGTGCACCTTTCAAACGACCATCGACGGAAGCTTTAACGTAACCTTCTTC  ${\tt CAGTTTGATGGTCGCGCCTAATTGTTCGAGGCCAGAAATGTGTAGATCAACCGGACGGCCACGATCGTACAACCGCCAG}$ GTAGTGAAACTTGCCCCTGACCAAAGCGCGCTACCAGCGGCCCCAGCCCCAGATAGAAGCACGCATGGTTTTAACCAGA TCGTAAGGTGCGCAGAATACATTAACGTCGCGGGCATCAATATGCACAGAACCATTACGTTCTACTTTCGCACCCAGCTG GCTTAGCAGCTTCATTGATGTATCGACGTCTTTCAGTTTCGGGACGTTCTGGATCTCTACCGGTTCTTCCGCCAGTAGTG  ${\tt CGAAATTTATCCATTTAGTTTGTTCTCAGTTAACAATTCATATCCGCTACCGGCGAATCGCCCATAGCTCAAAAGCCGTT}$ CAGTTTGCGATCGCGCCCCCCCCCGCAGGGGTATACGCTTTGATCGACACAGCATGAATGCGGTTATCCGCAATATATT CCATCAGCGGACCATAGACCGTCTGCTGTTTTTTAACCCGACTCATGCCGTCAAACAACTCACCCACGGCAATAACCTGA CTCGCTGATAAATCAGACAAGGCTCGACTTGCAGGCAGGTTTGCCGGACAGGCGGTTAACGCCATATCCGGCCTGAAAAA ATTTAACGAGGCAGAACATCAGCAGGCAAATTATACAATTTCGCCAGGGTATACACTTTGTCGTTTACCCCCTGAAGCGT GGCTAAGATCGATGCAGGTAATCCCCTTCACCGCTTCCTCACGCATTTCCCAAAGCGGTAGCAAAACGTCCTGATCCAGC TCTCCGGATAACGCCAGCGTGTCACCCGTCTGCATCCAGCTCAGTGACTCGCTCATTATTTTTTCTCTTCCAGAGTGATT TTCTGTTGAGAAATCGATTTCAGTTGCGCAGTCAGGCCGTCGATACCTTTGGTACGCAGCGCGTTCCCCACTCGTTTTG TTTGGTGGTGATCATACTGACGCCTTCAGCAATCATGTCGTAAGCCTGCCAATTGCCCGTCTGGGAGTTTTTACGCCACT GGAAGTCCAGACGCACCGGCGGACGCCATTCGGGTCAATAATGGTAACGCGAATAGGCACAATGGTTTTATCGCCCAGC GGCTGTTCTGGCGCAATCTGATAGGTTTGACCGTGATACATCGCCAGCGCCTGACCGTAAGCCTGCTTCAGGTACTCACG GAAAGCGGCAAAGTAGGCTTCACGTTGAGCAGGGGTCGCACTCTTGTAATACTGGCCCAGCACCAGCGCACCGGCGTATT TTCTTCAGGCGATCGAACGTTTTCTGCGCCGCCTCGTCCATCAGCTTATACGGATTGGTCTGGTCTGCCGCGGTTGCCGC ACTCAGAGGTGCAATCACCAGCAAAGCGACCATCATTAAACGTTTAAACATGCGTCGGTTCTCCTGAAATTATTTCGTTG TACCCACAGGTTCAGTGGTTTCATTATTACCTGGCGCAGCAGCTGGCGCATCGCCACTATTCTTATTGTCATCGCCTTTA CTACCGTAAAGGAACTGACCAATGAGATCTTCCAGCACCATCGCAGACTTAGTGTCCTGAATTGTATCGCCATCCTTCAG GATAGCAGTCCCCAGTTCCGGGTCTTCAAAACCGACGTTTAATGCCAGATATTGTTCCCCCAGCAGGCCGGAAGTACGAA TGCTCAGCGAACTGGTATCTGGAATGTGGTTATAACGTTGTTCAATTTCCAGCGTTACGCGCGGCAGATAGGTTTTCGGG TCCAGCGTAATATCCGCCACCCGACCCACAACACGCCACCAATACTGACCGGAGAGCGCGCTTTCAGGCCGCCAATGTT  ${\tt CGGCAGACGTCGGGATGGCGTCGTAGCCGTTAAACAACGAAATCCACGTCACCGTGATGGCGAACACCACGCTCTTAATC}$ AGACAGTTGACCAGATCCATACGCCAGTCGACGGCATTTTGCATTGCCGACCAGAAGAACCCGCTATCAATGCCTTTCCA ACTGACGCCGACCAGAGATCCGCCCAGATCCCCACGGCGACGAAAATAACCGTCAACAGTGGTAATGAAATAACCCCAG  $\tt CCCAGAAACGGGGGAGAAATAACCCGACGCGGGGTCCACCGCCATCATCTCCATACTGGAGAGTTGCTCTGTAGCGCGC$ ACACCATTCCGATGAACACGCCAGAAACCACAATAATCAGCATCGACAGGACGCCGACATTATAGAGCTGGCGCACCAGC GGTTTTAATCCCTTTATGTCCGAGCGCCAGCGCATTTAACAGCATGAGTGGCTTAACTCCCTGGTAAAAGATCAGCG TGATAATCGCCGGCAGGATAGCGGAACGGAACAGGCCCGTCAGCTATCCCGTCCAGAAACTGACGTACGCGCGGGATCAGG GCTTCATCATCACCGTACTATGCAACAATGGCGCGGGAAGTTGGGTATGTTCGCGCAGTGGATAGGCGACGTTGTCAAAT ACGTTCATATCAGTGAACACGCCCCGGACTGAAATAACATGCTCATCCGTTTGCGCACTGTATACAGGCGCGAACGAGA TCGTTTTACCGATGCCCGATGGCCCCATGATCGCCGTGATCTTCCCTCGCGGCACGGTCAGGGAAATATTATCGAAGATG  $\tt CAGCGATTGCCACGCGTAAAACTGACATCGCGCATATCGACTAAATTCGCCACAGACTGCTCCATAATTCACCCTTCGTC$ TTGCGTTGATTTTCTAAGCATGGCGCTCAATTTAACCTTGAACCCAACATATTTACAGAATATTACCCGCCGTGGTTAGC GAAAGCTGGCATTTGTTTTACTTTTTAGCCGCATAAAGTCAAAATTAAGCATCCGTTACGGCTTTCTGAAAATCTTCAGC GGACCGGCGAGTATACCTGAAGAAAGGACGTTAGATGCTTTTAGCTACGGCACTGTTAATTGTTGGTTTACTTTTGGTCG TTTACAGTGCCGACCGCCTGGTTTTTGCCGCGTCTATTCTTTGCCGAACCTTTGGCATCCCGCCGCTGATCATCGGCATG  ${\tt ACGGTGGTCAGTATTGGTACATCGTTACCAGAAGTCATCGTCTCGCCTTGCCGCGTCTCTGCACGAACAACGCGATTTAGC}$ TCCATTCTGATGTTCTACGCCGTGAATTACCCTTAATGTTGTTGGTCAGCGTGGTGGCCGGTTCCGTACTCTATGACGGA CAACTTAGTCGCAGCGATGGTATCTTTCTCCTCTTTTCTGGCTGTGCTATGGCTGCTGTTCATTGTTAAACTTGCACGTCA GGCTGAACGTCAGGGGACTGACAGCCTGACCAGAGGCAGCTTGCAGAGCTGCCGCGTGACGGCGGATTGCCCGTCGCGT TTTTATGGCTCGGCATTGCGCTTATCATCATGCCAGTGGCCACGCGGATGGTTGATAACGCCACGGTGCTGGCGAAT TACTTTGCCATCAGCGAGTTGACGATGGGTCTGACGGCAATTGCTATCGGAACCAGCCTGCCGGAACTGGCAACCGCAAT AGCGGGGGTTCGCAAAGGTGAAAACGACATTGCTGTCGGAAATATCATTGGCGCAAACATTTTTAATATTGTCATCGTGT TGGGTTTACCCGCGCTGATAACGCCAGGAGAGTTGATCCACTGGCGTACAGTCGTGACTACAGCGTGATGTTGCTGGTG AGCATTATTTTTGCGTTGCTGGCGGCGCCTCCCCGCAACCGGGCCGTGGTGTAGGGGTATTATTAACTGGCGGATT TATCGTATGGCTGGCGATGTTGTACTGGTTATCGCCAATACTCGTTGAATAACTGGAAACGCATTATGTCGCACGTAGAG TTACAACCGGGTTTTGACTTTCAGCAAGCAGGTAAAGAAGTCCTGGCGATTGAACGTGAATGCCTGGCGGAGCTTGATCA ATACATCAATCAGAATTTCACGCTTGCCTGTGAAAAGATGTTCTGGTGTAAAGGGAAAGTTGTCGTCATGGGGATGGGAA  ${\tt GCCGCGCATGGTGATTTAGGCATGGTTACCCCACAGGATGTGGTGATTGCTATCTCTAACTCTGGTGAATCCAGCGAAAT}$ GCGCCGCAGATGTGCATCTGTGTTAAAGTAGCGAAAGAGCCTGTCCGTTAGGGCTGGCACCGACCAGCACCACCACC GCCACGCTGGTTATGGGCGATGCCCTCGCTGTCGCGCTGTTAAAAGCACGCGGCTTTACTGCTGAAGATTTTGCGCTCTC ACACCCAGGCGCGCACTGGGTCGTAAACTTCTGCTGCGCGTAAACGATATTATGCATACGGGCGATGAGATCCCGCATG TTAAGAAAACGGCCAGTCTGCGTGACGCGTTGCTGGAAGTTACCCGCAAAAATCTTGGTATGACTGTCATTTGCGATGAC  ${\tt AATATGATGATGAAGGCATCTTTACCGACGGTGATTTACGCCGTGTCTTCGATATGGCCGTGGATGTTCGTCAGTTAAGCGCTGTGTTAAG$ TATTGCCGATGTGACGCCGGGGGGAATACGTGTGCGCCCTGGCATTCTGGCCGTTGAGGCACTGAACTTAATGCAGT GCCGACGTTATAGCAAAAGCAGAGAACATTCGTCTGCTGATCCTCGATGTCGATGGCGTACTGTCAGATGGCCTGATTTA TATGGCCAATAATGCCGAAGAGCTTCAATGTTCGTGACGGTTATGGCATTCGTTGTGCGCTCACCTCTGATA  $\tt CAGGGGCAGTCAAACAAACTGATCGCCTTTAGCGATCTGCTGGAAAAACTGGCGATTGCCCCGGAAAATGTGGCTTATGT$ GTTCTGGTGATGATCGGCATTAATATGGCCGAAAAAGACGATACCGCCCAGGTGGTCGTCAACAACAATGATCCCACCTA ATTATTCCGATCAGGCCGTTTCGTGGTTTACGCAGCCGGTACTTACCACGTTTGATAAGGATAAAATCCCGACATGGTCC GTAAAAGCAGATAAAGCCAAGCTGACCAATGACCGGATGCTCTATTTATATGGACACGTTGAAGTCAACGCACTTGTGCC AGACTCTCAACTTCGCAGAATCACGACGGATAACGCGCAGATCAATCTGGTGACGCAGGATGTTACCTCTGAAGACCTCG TCACGTTATACGGAACACATTTAACTCCAGCGGTCTGAAAATGCGCGGGCAACTTACGCAGCAAGAACGCCGAGCTGATT GAAAAGGTTAGAACATCCTATGAAATTCAAAACAAACTCAGCCTTAATCTTGTGCTTGCCAGCTCACTTCTGGCCG  ${\tt CCAGCATTCCGGCATTTGCCGTAACCGGAGACACTGATCAGCCGATCCACATTGAATCGGACCAGCAATCTCTTGATATG}$ TACCCGTCCGGGCGGCGACAAGGTAAAGAAGTGATTGACGGCTACGGTAAACCGGCAACGTTCTACCAGATGCAGGACA TATCTGCAGCAGGTCGATAGCAACATTAAGGGCGATAAGATCACTTACCTGGTGAAAGAGCAGAAAATGCAGGCTTTCAG CGACAAAGGCAAGCGCTAACAACCGTTCTGGTGCCGTCGCAGCTGCAGGACAAAAACAACAAAGGCCAGACCCCGGCAC AGAAGAAGGGTAATTAATTCGTTATGGCAACATTAACTGCAAAGAACCTTGCAAAAGCCTATAAAGGCCGTCGCGTGGTA GAAGACGTCAGCCTGACCGTCAACTCCGGGGAAATTGTCGGTCTGCTGGGGCCAAACGGTGCCGGTAAGACCACCACTTT CGCTTATATCGTCAGGGGGCATTTGATCGCCCACGGCACGCCTACAGAAATCTTACAAGACGAACACGTTAAGCGTG TATACCTTGGGGAAGACTTCAGACTCTGATAGGGTAGAAGTTTGCGACGTTTTAGCAGGAGAGTACGATTCTGAACATGA AGCAAGGTTTGCAACTCAGGCTTAGCCAACACTGGCGATGACGCCACAGCTCCAACAGGCAATTCGTCTGTTGCAGTTG  ${\tt TCGACGCTGGAACTTCAGCAGGAGCTACAGCAGGCGCTGGAGAGTAATCCGCTGCTTGAGCAAATCGACACTCATGAAGA}$ AATCGACACCCGCGAAACGCAAGACAGTGAAACGCTGGACACCCGCCGACGCTCGAACAAAAAGAGATGCCGGAAGAG TGCCGCTCGATGCCAGTTGGGACACCATTTACACCGCTGGTACACCATCCGGCACCAGCGGTGACTACATTGACGACGAG  $\tt CTGCCGGTCTACCAGGGCGAAACGACGCAGACCTTGCAGGATTACCTGATGTGGCAGGTTGAGCTGACACCGTTTTCCGA$ CACTGACCGCGCTATTGCTACCTCTATCGTCGATGCCGTTGATGAAACCGGTTATCTGACTGTCCCGCTGGAAGATATTC  ${\tt TCGAAAGTATAGGCGATGAAGAGTCGACATCGACGAAGTTGAAGCCGTCCTTAAGCGGATCCAACGGTTTGATCCGGTC}$ GGTGTGGCGCAAAAGATCTGCGTGACTGTCTGCTGATCCAACTCTCCCAATTCGATAAGACCACGCCGTGGCTGGAAGA GGCCAGACTGATCATTAGCGATCATCTCGATCTGTTAGCCAATCACGACTTCCGCACTTTAATGCGCGTCACGCGTCTGA AAGAAGATGTGCTGAAAGAAGCCGTCAATCTGATCCAGTCGCTCGATCCGCGCCCCGGGCAGTCGATCCAGACTGGCGAA  $\tt CCTGAGTATGTCATTCCAGATGTGCTGGTGCGTAAGCATAACGGTCACTGGACGGTAGAACTCAACAGTGACAGCATTCC$ GCGTCTGCAAATCAACCAGCACTACGCCTCGATGTGCAATAACGCGCGCAACGATGGTGACAGCCAGTTTATCCGCAGCA
ATCTGCAGGATGCCAAATGGTTGATCAAGAGTCTGGAAAGCCGTAACGATACGCTACTGCGCGTGAGTCGCTGTATCGTT GAACAGCAGCAAGCCTTCTTTGAGCAAGGTGAAGAATATATGAAACCGATGGTACTGGCCGATATCGCCCAGGCTGTCGA AATGCATGAATCGACGATATCTCGCCTGACCACGCAAAAATACCTGCATAGTCCACGAGGCATTTTTGAACTGAAGTATT TCTTTTCCAGTCACGTCAATACCGAGGGCGGCGAGCTTCCTCCACGGCGATTCGTGCGCTGGTGAAGAATTAATC GCGGCGGAAAACCCAGCGAAACCGTTGAGCGACAGCTAACCTCTTTGCTGTCGGAACAAGGTATCATGGTGGCACG  ${\tt CCGCACTGTTGCGAAGTACCGAGAGTCTTTATCCATTCCGCCGTCAAACCAGCGTAAACAACTCGTTTGACCCAACCGAT}$ ATTTGCCAAACTTGAGCAATATTTTGACCGAATCAACCAGGTCTATGTTGTTCTGAAAGTGGAGAAAGTCACCCACACCT TTAATTGATAAGCTGGCACGCCAGTTGACCAAACATAAAGATAAACTGAAACACACTAATTGTCCGGGCAATTAGCATG TGCATGGCGGTCTGTTGTGCGGCACAACGGGCCATTTGTACGGTTAATGCTCCGAGCCTGTTCCACTGTTTGAGTGGGCA GGTTCTTAGGTGAAATTATGACAAATAATGATACAACTCTACAGCTTAGCAGTGTTCTTAACAGGGAATGTACGCGAAGC CGCGTCCACTGTCAGAGCAAAAAACGCGCCCTGGAAATCATCAGCGAGCTGGCGGCGAAACAACTTAGCCTGCCGCCTCA GGTGGTTTTTGAAGCTATCCTGACGCGGGAAAAAATGGGCAGTACCGGTATCGGCAATGGTATTGCCATTCCGCATGGCA AACTGGAAGAAGATACTCTGCGCGCCGTTGGCGTTTTCGTTCAGCTCGAAACGCCTATAGCTTTCGATGCCATCGACAAC GAAACGTCTGGCGGACAAAACCATCTGCCGCCGTTTACGCGCAGCCCAGAGCGATGAAGAGCTGTATCAAATCATTACGG ATACCGAAGGTACTCCGGATGAAGCGTAGTTATTCGGTAATGTCTCTTTTAGACGTTGTGAGGAGAAACAGTACATGGTA GGATAACCTTCCCGTAGTGTTGTTACCCGATCTGGCTCGAACCCTGGCCGATCTGCCGAGATTTCTGCCGCCGTCAGCATTG  ${\tt CTGTTCCTGGATGCCGACCGTAATACCTTAATTCGTCGTTACAGTGACACGCGCCGACTGCATCCGCTTTCCAGCAAAAA$ AAAAGAACCCGGTAGCGTCACAACTACCGGGCGAACAACTTAACTCAACAGCTGGAACGCAATCATCCCAACGATGGCA CACCGGAGTAGTTCAGTTGTTCAATAACCGGCATCACCAGTCCTACCGCCGTTAAACAGGCTACGGTGGCAGAACCCTGA ATGATGCGCACTGCAGCTGCCAGCACGAAGCAGGTGATAGCAATCGGCAGGCCCATGCCGGTTAACGCTTCGCCCAGTGC CGGACCTACGCCAGAGTCAACCAGCACCTGTTTGAACACGCCGCCCCCACCAATCACCAGCAGAATGATCCCCGCCGGTT GCAGCGCGTGACCGCAAATCTCCATCACTTTGTCTTTTGGCATGCCCTGACGCATTGCCAGACCGTAAATCGCCACCAGA  $\tt CGCGGCAATGGTTTTCAGCCCTACCAGCACCAGCGGCAGCAGGATCAGCGACAGGCTGAATCCGAAAGATGGCATTTTGC$  $\tt CCAGGTTCGTACCGGTGTGGCGCCCATTGAGAAAGCAACGCTAATCAGCAGAACTATCGCCACTTCAAAGAACAGCGGT$ CTGATCGACTGCGCCGGTTTCATGTAAGATCTTGCCAAACATAGCTCCCAGGGCGACAACCACCGCCAGGAAGCCGAGGG TGCCTCCCATCCCTTTTTCCATCGTCGCTGCGATTTTATCGAGCGGCATACCAGAAAAAAGGCCAGCCCCCATGGACACC ACCATTAAAGCCAGGAAAGCGTGCATACGCGCCTTCATGACTAAAAACAGCAGCAGTAAAACAGACCCTACTGCTGTTAA AACAAGCGTTAATGTAGTCACTACTTATTTGCCTTTTTTAATAACCTCAATGGTGCTTGCCACACACCCTTCCAGCGGTT GATCGATATCCACCACCAGTACATCGGTTTCGTCCGCACCCGGCTCCTGCAGCGTTTCAAACTGCGTCACCAACATTTGG GTTTTAAAGAAATGGCCTTTGCGCGCTTTCAGGCGGCTTTCAATCACATCAAAATCGCCTTTCAAATAGATGAAAAGAGAG ATTCGGATTACCTTCACGCAGCAAGTCGCGATAGTGTTTTTTCAATGCAGAACAGACGATCAGCGACACTTTATTAGTGC GCTGCATAGCAAACGCGGCGTCGTTCAGCGCCTGCAACCACGGTTTGCGATCGTCATTCAGTGGTTCGCCAGACGCC ATTTTTCGATATTGCGCCGTGGATGGAGGAAATCGCCATCAAGAAACGCGGCATGAAGTTGATGCGCCACTTCACTGGC GACCGCAGATTTGCCGCTGCCCGATACGCCCATCAAGACGTAAATGTGGTGATCATGGTTAGTCGTGCTCAAAGTGGTGC CCCCACAATACAAGAATTAAAAATGTTACGGGTAACTGTTATCGGTAACATTGTCCAGCCGGACAATATCAGAAGCAATA TCCATCCATGCCTTAAGTGTATAAGTGTGAGCTACTTCAAATTTGTGGGCCTTAAATAGATCCGCCCGGTGACAAGGTGAA ACCTAAATCTAACATTTTCGGTGTCACAGATTCGCCACGAATACGCGCCAGCAGGCGTTCAGCGCCAATACTGCCCATCC GCTCACGCGGCGTCAGCACGCTCGCAAGTCGTGGCTCCATCACCTGACCAATGTCATGACCGTGGAAACCGGCAATCGCC ATATCGTCAGGAACTTTTAACCCCAGACGCTGACATTCAAACGCCGCCGACCGCCAGGTCATCATTCGTACAGAACAC GCCATCCAGCTGCGGATATTCCCGCCGCGCCTGGCGAATCAGTTCAATACCGGAAGAGTAAGAAGAATTGCTCAACCA TCACGCTATATGGCACCAGGCCTGCATCCAGCATCGCCTGTTCGTATCCCTTCTGTTTGATGATAGTACGTTCGTCGAGA CGTGCGCCGAGATAGGCAATGTGGCGATGCCCGCGAGCAATAATGGCAGTGGTCATCTGGCGTGCTTCAAAGTTATC AAAACCGACGGCGATATCAAGGCATGGCGACTTGCTGTCCATCAGTTCCACCACGGGAATACCCGCCACTTCAATCATCT TTAAGGTGCGCGGCGTGTGGGTACGTTCGGTGAGGATCAGGCCGTCGATATTCCAGGAGAGCATGGATTCGAGGCGTTCTTGCTCCATTTCCGGTTTATAACCGTAGTGCGCCAGCATGGTCTGATAACCGTGCGCGTCGGTGACGCTTTCGATTCCGCG TAATACTTCCGCGAAAACCTGGTTGGTGAGAGAAGGTAACAGGACGCCAATCGCCCGGCTGGTGGCGTTAGAGAGGATAT GGGTTGCGTAAAAAACGGCTGACCGTCATTTTGGTCACGCCTACACGGTCAGCCACATCCTGAAGTACGGGTCTTTTCTT TTTCATCGTCCTGAAGGTACAAAAGAGATAGATTCTCTTAGTTTAACACGGACACATCAGAACCTTCCCGGGGAAAACAG TGCTTGTTTACAATTATTAGATATACACTAAATCAATTGCATCGCATTGTGCTAACGACGCGGCAAAACCCCGGAAGCGT CTGGTCGAGGCTTTCACGCCGTTAATGGTGACATTGCCTTTCACCACCTGGATCCAGACGCGGCGTTCAGCGGCAATCTG  $\tt CATCCGGCGAGAGCACCAGCTGTTTGCCCTGTACGGCATCGAAGCGACGCTGTTCATAACGCGGCGTAATACCGTTTTCT$ TCAGGCATGATCCAGATCTGATACAGATGCAGACGCTCGGTGCTGCTTGGGTTGTACTCTGAGTGACGAATACCCGTACC AGCACTCATAATCTGGAACTCACCCGCCGGAACCTGCTCTTTATTGCCCATGCTGTCCTGATGCTCAACAGTACCTTCCA ATGATTTGCATGACCACGTTCATTTGCTTTGCGTAAGTAGATCATTTGTATTCGCCCCCCTGAATGATTTCGATGGGCTTA GTGTGGACCCGATCTGCCTGGGATGATAGAGGGTGAAAATTGACCCCTCTGTTCAAAAAAATTGAACTATTCGAGGGGCC ATCAAACTTACTTAGCGAGAGTTACTGTGGAGGGAGAGGCTTGCTCAAATCCGCGTTCAAGGATTTCCAGATTGGTAAGA ACTTCAGATTCCTTGACGTAATTTGGCGCACCGTGGGTGATGGTTTGATACAACGCATCATAAACGCGCCCGTAATCGCC CGAATCCCGGTTCGCCCGGCATAATATTAGCCTTCAGGCTGGTTTCCTGCTGGTCGATACCGTATTTAATAAACGAACCT TTCTTACCGTGAACGATAAATTTCGGATAATCGATTTTCACCAGATGGCTGGTTTTGACGATGGCTTTCAGGTCGCCATA GACCGAACAGAGAAATAATCTGGTCCATCGTATGCACACCAAGGCCATAAAACGCGCCATCCTGCGGCAGCCCAGGTTTG GTTTCTGCCACCGGGCGGTAATAGTCAAAATGGCTTTCCACTTCAACAATCTCTCCCAACTTGCCACTTTCAATCGCTTT GCGTACTCGAAATGGCTGTCCGCGTGGGTGCAGACAACCAGCTTAACATCGGGATCGTTTAGTACTTCGTCGAGATC GCTGGTGAAATGGATATGGGAATAAATGGGAGCCTGTTCTTCCGGCTTCGCATGGCGACGAAAAATATGCGCGACATGCC AGCTATCCTTGCGGTTAAGTACATACGGCAGATGGTAACGGGTGGTGCTTTTGCCGAAGCCAATAAAGGCGCAGTTGATG   ${\tt AAGCAATGTGAGCAATGTCGTGCTTTCAGGTTCTCCGCGAGGGTCTTCCTGATCGCGAGACAATAATAATCATTCTCATT}$ CGCACTTGTCCAACACTTTTTGCAAAAAAATGCATTTGACTCGCATTTGAAAGTCAATGATGTTGAAAGGGACATTTACC  ${\tt CCAAAGAGGGACAAAGGAATGAGTAGTAGTAATACGCCACGCAGAAACACGGGATTACGAGGCCATCAGGCAGATTCAC}$ GCCCAGCCGGAGGTGTATTGCAACACACTACAGGTGCCTCATCCTTCCGATCATATGTGGCAGGAGCGACTCGCCGATCG GAGATGATTGAAATGTGCGACAACTGGTTGCGGGTAGATCGCATTGAACTAACCGTGTTTGTCGATAACGCCCCGGCAAT TAAGGTCTATAAAAAATACGGCTTTGAAATTGAAGGGACTGGTAAGAAGTACGCATTGCGTAATGGTGAATATGTCGATG CATATTATATGGCGCGGGTGAAGTAAGATAGTGCCCTTTTTCTGAGATGGAAAAAGGGTGTCATTCAAAATCGACATACC TTCCTTTAAGGTATTTATTTGCCCAATACATATATTGAGATTTAACTCATAATTACTTCCTAAAGTGTAATATTTTATTT GCCATAAAAGGACTTTTCAGGGATGAGTAATATTGTTTACCTGACAGTAACGGGAGAACAACAAGGAAGCATCTCCGCAG GTTGTGGGACTTCTGAGTCTACAGGTAATCGTTGGCAGAGCGGGCATGAGGATGAAATATTTACATTCTCACTCTTAAAT AGTATTATTATATACAACTAAGAGGCGCTTTTTTATCGGCTATTCATCACCAGATCATTGAAAACCAACTGGATACAGAA ACAATAACTATTAGTTATGAATTTATCCTCTGTCAACATCTTATCGCAAATACCGAGTTCAGCTATTTGGCACTCCCTGA GCAATAAAAGGCTATGATCAAATACTAAATGAAAAAACAGCGGGCATAGCGATAGCAACAGCATCTATTCTTTTAACAAA GCGTTCTAATGTTGATACATATACAGAAATAAATAGTTACTTAGGCAAACTTAGAGGTCAACAAAAACTTCTTGATGGTA TAGACATAATAGAAATAATATACATTAAGAGACCTTCAAAAGACTTAGCTAACTTACGAAAGGAGTTTAATAAAACTGTA AGAAAAAATTTTCTTATCAAACTTGCAAAAACCTCCGAAGCATCTGGAAGATTCAACGCCGAAGACCTTTTAAGAATGAG AAAGGGCAATGTTCCTCTAAATTATAATGTTCACCATAAACTATCTCTAGATGATGGTGGTACTAATGATTTCGAAAATT TAGTATTAATCGAAAACGAACCATATCATAAAGTTTTTACTAACATGCAATCACGAATAGCTAAGGGAATATTAGTAGGT GAAAGCAAAATCACTCCCTGGGCCATTCCATCTGGCTCAATTTATCCTCCCATGAAAAATATTATGGACCACAAAATG ATTTATTGAAAGTATAATCCAAATAGAATTTAATTCTAATTCAACTAATTGCCTGGAGAAGTTATGTAATGAAGTTAGTA AGCCTCTCGATTCCAGAACCTTCAGTTAAAAACCTTTTTGCCGTAAATGAATTTTATAGAAAATAATGATTTTCATAAA  ${\tt CCCTGATCTACAAGAACGGTTAGTGATCGGGGATTATAGCATTTCAATATTTACTTATGACATTAAAGGTGATGCTGCCA}$ AACTGCAGTTCACTTACACCGCTTCTCAACCCGGTACGCACCAGAAAATCATTGATATGGCCATGAATGGCGTTGGATGC TCGCGCATACAGCCGGGCAGTGACGTCATCGTCTGCGCGGAAATGGACGAACAGTGGGGCTATGTCGGGGCTAAATCGCG CGCCTGAAGGGAAAGCTGCACGTAATCAGCAAGCGATATACGCAGCGAATTGAGCGGCATAACCTGAATCTGAGGCAGCA ACATAAAACACTATCAATAAGTTGGAGTCATTACCGACATTAAAAGTAACTTTTTTTGAAATTAGAGATAATATTGGCACA GAAAATATATTCAGTTCGTTTAGTGATTTCTCTTCATTCTTAAACGAAATCATGGACAGTTGTTCATAATAATCAAAAGG AAACAAAAATCATTGTAAACCATGCCATCTTTTTAGAGATTACCAGCAGAAAATTCCTTGTTCGAAATTTAGCAGTGCAA GCTATGGAAAAACTTACAACGGAACTACACTCCTTAAGTGAGATGGACCGAAGACATGTAGTCTCTATTTTAGCCGAAAT TAAGAAAATCCCGTTCGACGTTCTGAAAAAGAAATCATAAAATATTAGCAGATACTTATTTCGTGACTATATCTTATCCG ATGAACTTTTTCAAAACCAGCATTTAATAATATCTTTGACGAAGATGAACGCGTCTTTGCTCAATGTATCACACAGGAA TAATAATATAACACTCAACAATAATATTTATTATAATTATGATTACTTATCACGACGCATTCGCGAAAGCGAACCATTAC AGAATTTCTCGAAACTGGAGATGAGGCCGCGCGCTTAGCTGGTAACGCACCTTTTATTATTGATAAAGACAGTGGTGAAA TTCATTCTCTGGGAACGGCAAAACCGCTGGAAGAATATCTACAGGATTACGAAATAAAAAAGGCTACCTTCGGCTTGCCC TGACAAAATAGCCCTCTTCCCACGAGAGGGCCGCTAACCTTAGTACCCCGCCGTTAAATCATCACCACCGAGCGCGGGTCG GATGCGCCGTACAACTCACCGTCCGGCCCAACCATAATGCTTTGTGTACTGCCCATCGCCTCTTTCAGCGCCACTTTCTG GGAAACGCGGCGCATTGGTCGCTTCGGCGACGTTCAAGCCATAATCGATGCTATTCACCACCATTTGCAGCACTGTAGTG AGAAATCATCCATCTGGTTATTAAGCAGAATACCGCTCTCGCCCGCGACAATGCCCGTACCGAAGGTGGTGTTCAGCGTA TAGGTCACCGCCACCGCGTTACCATCTTTATCCACCACTGAGTAATGGGTAGTTTGATTACTCTCATAAGGCGCAAGCTT GCCGGGGCGAATTTCGCTGGATGGCTTCGCTTTATTGATATCAATTTGATCGGCAATAGATTTGGCATAGGCTTTATTGG  ${\tt TCAGCGCCTGCCACGGTACTTTGACAAAATCCGGGTCGCCAAGATATTCCGAGCGGTCGGCGTAGGCGTATTTCTCCGCT}$ TCTGCCATGATTTGCATCGCATCGGCGCTGCCAAAGCCGTATTTCTTCATATCGAAGTTTTCCAGAATATTGAGGATTTG TACGATATGGATCCCGCCGGAGGATGGCGTTGCATGGAGTAAACCTGATACCCGCGATAATCGCCGCTTATCGGAGTGC GTTCGACCGCTTTATAGGCTGCTAAATCTTCTTTAGTGATCAAGCCACCGTTTTTCTGCATCTCCTGGGCGATCTGTTCC GCAATCGTGCCTTTATAGAATTCGTCCGGGCCGTTTTCAGCAATCATCTCCAGGCTCTTTGCCAGGTTCGCCTGCACCAG CGTGTCGCCCTTTTTCAGCGGCTCGCCCTCTTTCCAGAAGATAGCTTTACTGTTTTTCGTGATTCGGCAACACTTCGCTAC TTGTTCAGCGGCATGGTGCCGTATTTATCCAGCGCCAGCGAGAAACCTGCTACCGTACCCGGTGTGCCGGAAGCCAGATG  $\tt CGAAGTGAGTGATTTTTTGCTGTCCGGGTTGCCCTGATCATCGAGGAACATATCGCGGGTCGCTTTTGGCGGGTGCCATTT$ GGATGCGTTACCGCCAGCGCGTAGCCCACCGCCACGGCGCATCAACGGCATTCCCGCCCTCCTTGAGAATATCCACCCC CGTAAAAACGTCGGTTTTATCATCGTTATTCTCCAGAGATTAAGGGGCCAACCCCAGCTAAGCCTGGTATATAACTCTGAA TTAATCATCGTTTTGTCGGGAAGCGAGTAAACTTAAAGGATATCTTCAGAGGAGGATACGCGATGAAACGACTTCTGATT CTTACGGCACTCCTGCCGTTTGTCGGCTTTGCACAGCCCATTAATACTCTGAACAACCCTAACCAGCCGGGGTATCAGAT ACCCAGCCAGCAGCGGATGCAAACCCAGATGCAGACTCAGCAAATCCAGCAAAAAGGGATGCTGAATCAGCAACTGAAAACGCAAACTCAGTTGCAACAGCAGCATTTAGAAAACCAGATAAACAATAATTCTCAGCGGGTGTTGCAGTCACAGCCGGGG GAGCGAAATCCCGCCCGGCAGCAAATGCTGCCCAACACCAACGGCGGATGTTAAACAGCAACCGTAATCCGGATAGTTC GTTGAATCAGCAGCATATGCTGCCGGAGAGAGAAACGGCGACATGCTGAATCAGCCCAGCACGCCGCAGCCTGACATTC CGTTGAAAACTATTGGGCCGTAAAGTTCGGACCAATCACGTCAATCGCATCGGTACAGATGCAATCCACACCCCAGCGCA GCAACTCTGCTGCGCGCTGGGGTTTATTGACGGTATAAACCAGAATCCGCAGTCCGGCGTCTTTCAACTGCATCACTCGC
GCTTTATTGAGTAACTTATGATTGAGATGAATAGAGACGCAGCCCAGCCGCGCGGTCAGTTCGCGCCAGTCGTCGCCCCA CTCATCCAGCAACAACCGCGCGCGGCAGTTCCGGTGCCGCCTGTTGTGCAGCTTCTAAAGCATCAATCTCAAACGATGACA GCAGCGGCGCGTCATACCGGCCCACAGCTCGCGTGCCGCCACCACTTTTGCCCGTTAATGGCCCGGTGCCGGTG  ${\tt GTGGGTTTGATTTCGATATTCGCCATCATCCCGTGTTCGCGGCAACGTTCCGCCACCTGCGAAAGCAACGGTAGCGGCTC}$ ACCTTTAAACATTTTGCTGTACCAACTGCCCGCATCCACGCGCAGTAAATCCTGCCAGTTCAGTTCACCCGCGACGCCCC AGCCGTTGCTGGTACGTTCGAGATTGTCGTCATGGAGCAGGAAGATCTCGCCATCTTTCGATAACTTCGCGTCAAATTCG ATCATCTTATGACCGTATTTTGCCCCGACGTCGATTGACGCCAGGGTGTTTTCCGGGGCCAGCTTACCGCCGCCACGATG AGCGACGATGCGGGGATAAGGCCAGTTACTCATACTCGTTGTCCTGTTTCACCATCAAAAAGATGCAGCTGATTTTCCGC CAGATGCAGCCACAGCGTGCTGCCTCGGGGCGCTCCTGATGCGCCAGTCGCACCACCAGCTTCTGCTCGCCCCAGC AATACCGCCGTCCAGTTCGAAATGCGTGCCTTCGTTATTCACGCGGCCTGTCAGCAGGTTCATCGCCGGACTGCCGATAA ACCATTACTCGCTGGGCGAGCGTCATCGCTTCAACCTGATCGTGAGTAACGTAGAGTGAAGTCGTTTTCAGGCGACGGTG AGACCGTCCAGCTCCAGAATGCGCGCCGCTTCTTTAACGCGCTCGGCAATTTGCTGCTTGCCCATGCCGCGAATTTTCAG  $\tt CCCCCACGCCATGTTTTCTTCGACACTCATATGCGGATAAAGCGCGTAGTTCTGGAACACCATCGCAATCCCGCGATCTT$ AGCAGCGTCGATTTCCCGCAGCCAGACGGCCCGACCATCACGATAAATTCGCCATCCGCCACATCAAGGGTCAGCGGTTT AATGACCTGGGTTTTACCATCCCAGCTTTTGGTTACTGCCTGTAATTTCAGTCCTGCCATCTTATTTCTCACTATCGACC  ${\tt AGGCCGCGCACGAAGGCACGCTGCATCACTAAAACAATCACCACCGGAGGGATAAGCGTTAACAACATCGCCACCATCAC}$ TGAGTTCCATTCCGTGGTGCCTTCGCCTGTAGCGATCATCCCTTTGATCCCTGCCACGGTGGTGCCGAGATCCACATCGG TAATAATCAACAACGGCCACAAATACTGATTCCAGCCGTAGATAAAGGTGATCACAAACAGCGCCGCCAGATTAGTTTTG GAGAGCGGAAAAACGATGTCGCAAAAGAAGCGCATTGGCGATGCGCCGTCGATCCGCGCGGCTTCCACCAGCTCATCCGG  $\tt CGAGCATCTGCAGGTTGGCGATGACTTCCACCGTCGGGAAGATACGTACTTCAACCGGCAGCATCAGGGTGATAAAAATC$ ATCCAGAAGAAGAGGTTACGTAGCGGAAAACGAAACCAGACAATGGCAAATGCCGAGAGCATCGAGACGGTAATTTTGCC GAGCGTAATGCTGAACGCCATCACAAAGCTGTTAAGCAACATCCGCCAGAACGGCGCGCTATTCGTGCCTACCCCGTTCA AGCGTCGCCGCGACAAACGCCACGTACAGCGGGAAGAGGATCACCGCGATCCCGAGGATCAGCATGGTATGGCTGAATAT ${\tt CGTCAGCCACGGACGGTTCTCAATCATTGGTAACGCACCTTGCTTTCAACATAGCGGAACTGCACCACCGTCAGCACGATAGCACGATCAGCACCGATCAGCACGATCAGCACGATCAGCACGATCAGCACGATCAGCACGATCAGCACGATCAGCACCACGATCAGCACGATCAGCACGATCAGCACGATCAGCACGATCAGCACGATCAGCACGATCAGCACGATCAGCACGATCAGATCAGCACGATCAGCACGATCAGCACGATCAGATCAGATCAGCACGATCAGA$ GACGAGGAACATCAACACCACCGACTGTGCGGCAGACGAAGCCAGATCCAGTCCGGTAAAACCTTCGCGGTAGATCTTAT AAATCAGCGTCGTGGTGGCCTGAACCGGCCCGCCGGACGTGGCGCCTCGATCACCGGGAAGGTGTCGAAGAAGGCATAC TGATTTGCTTCCATACTGAGGCAAACACCACCAGAAACATTGCCTGACCGCTGTTTTTGCGCGTGGTTCCAGTCGTAGCCG AACTCCGCGAGAAAATGGGTGATCAGCCCGCGACCGGGGTTAAACAGGAAGATCCACAATACGGCGGCAACGGCGGGAGC  $\tt CACGGCGTAAGGCAGCACATTAAGGTTTGATAGAAACGGCTGCCGCGCACGATGTACTCCACCAGCGCCGCAAAGAACA$ GCGATACCAGCAAACCGCTGACGGTGACAAAGGTGCTGAATTTTATCGTCGTCCAGAAGGAGTCGAGATAGTAGCTGTCA GCGAGCGGAACACCGGACGGATGATGACATTACGGTTAATTCCTGAACTGTGCCGGATGCGCTTATCCGGCCTA GCAACTGATTTCCACGCTCAACGGCGGTATCCAGTGCCTGCTGTGGTGTCTTCTTACCGGTCCACACGCTCTCCAGCTCT TCATCCACAATCACGCGGATCTGCGGCATGTTGCCCAGACGCAGCCCTTTGGTGAACGGCAACGGCGGCTTATTCAGCAT TTGGCAGATAACCGGTTTTCTGATGCCACTCGGCAGCGTTTTCTGGCTTCGCGAGGAAATCGAGGAACTTCGCCACACCG  ${\tt TTGTTCATCTCCGAGCATGGCGATGTGTTTCACCTGCTCCGGCTTATTGAACTCCAGCACCGCGTCCGTGCCGTCAAA}$ GCCGTTGTTTTTGCTGGCAAACGGCAGACCGTTCCAGGCGCTAAAGTTTTCCAGTTGGATCCAGCCCTGCCAGCCGCTGG  $\tt GGGTCTAATCCTGCTTTCTTGAAGGCGTCTTTGTTGTAATAGAGAACGGGGGTCGAGCTGTTGAATGGCTGGGAGAGTAA$  $\tt GTGGCCCGTTTTGCTGTCGGAGTAGTAACCTGAAACCGTCGGCACAAACTGCGACTCATCGAACTGAATCCCTGCCTCTT$ TAAACACGTCATACACCGGTTTAATGGCTTTCGACGCCATCATGGTGGCGGTGCCAACTTCATAAACCTGCAAAATAGCC  $\tt GGCGCGTTGCCGGTACGAAATGCGGCAATCCCCGCGCTTAAATTCTGTTCGTAGTTGCCTTTATAGGTCGGTACAATTTT$ GTAATCCGGGTTTTCGGCGTTAAAACGTTGGGCCAGAGAATCCACCTCTTTACCCAGTTCCCCTTCCATAGAATGCCAGA TTCATCGTTTATCTCTTGTTGTACCGAATGCGCGAATTCACGCGTTTTATGCTCGCGGGGTAACATGACATGCTCGAA TTACAGAAAAATAACTTTTTTGTTACATTTGTAAGATAGTAAGGTGTCAGAAAGATGACAAGGCGGTGACGGCGTGGGTG  ${\tt AGGGAAAATGGGAGATGGGGCACGGATAAGCGGGAAAATATAGAAGGTCTGAATCAAACTCTACAGATTGCTCATCGTTT}$ CATGCCGGATGCGGCGTAAACGCCTTATCAGGCCTACAAGATCGTGCAAATTCAACATATTGCCACTCACCCAGTAGGCC TTATTACCCGCCTAAATACGCACTTCTCACCGCTTCATTCGCCAGCAGCGCATCACCAGTATCGGAAAGCACTACATGGC TGCTCGCGCAGCTGCTCGATGTGTCGAAAATTTGCTGGATGATAATCGGCGCAAGACCGAGCGATGGCTCATCAAGCAG GAATACGGCGCTCATGCAGACGTGGAAACAGCTCATACACCCACTTTATGCGCTCCTGGAACTGGTCGCGTTCAGCAAAA AAACCGCCCATCGCCAGGTTCTCTTCCACCGTCATCCGCGAGAAGACGCGCCCTTCCGGGACAATCGCCACCGCTTC GCGCATGATTTTCGCTGTCTGCCAGTCGGTAATGTCTTTATCATCAAACACAATTCGCCCGCTGGTGGCACGCGGATCGC AGGCTCACCTCATGCAGCGCCTGGATTTTGCCGTAGTGGGCGCTGACTTTGTCAAAGGACAACATGACTTTTTCCATCTTATGATTGCGCAGTTCGGCAATCAGCTCATCCAGCTCTTTCGTCTCTTTCGGGTTAAGACCTGCCGCAGGTTCGTCGAGCA TTAAAATCTCCGGCTGCGTCACCATGCAGCGGGCAATCTCAAGACGGCGCTGGTCACCATAGGCCAGGTTACTCGCCTGA GGATGCCGTTTTCAACAGGCCAGAGACAGCCCGGTTTTCAGTTGCTGATGCTGCCCCACCAGCAGGTTTTCAATTACCG TCATTTCACGGAACAGACGCACATGCTGGAAGGTGCGCACCACGCCCATGCGGGCAATTTGCTGCCCCGGTAAACCTTCC AGGTGCTGATCGCGCAGTAAAATGGTGCCGCCGGTGGGTTTGTAGAATCCGGTCAGACAGTTAAAAACCGTGGTTTTTCC GGCACCGTTAGGGCCGATTAACGAGACGATCTCCTGCGGGTACAGTTCAAGATTGACGTTGTTCACCGCCAGCAGGCCGC CGAAGCGCATCATCAGGCCGTTAACAGATAATAATGGCTGACTCATGCCTGCTCTCTTTCGCTGCGCCGTTTTTCAGCT TCAGTTGCGGGCGCGTCATGGGCAGCAAGCCCTGCGGACGCCAGATCATCATCAGCACCATCAAACCACCGAGCATTAAC ATGCTGTATTCGTTGAAATCACGCATCAACTCGCGCGCACACCACCAGCAAAATTGCCGCCAGAATCACCGCAAATTGCGA GCCCATACCGCCGAGCACCACTATCGCCAGCACAAACGCCGATTCGGCAAAGGTGAAGGATTCCGGGCTGACAAAGCCCT GACGCGCCGCAAACAGCGTTCCGGCAAAACCGGCAAACGCGGCACTTATGGTAAAGGCAGTCAGCTTGATACGACGCGGG GTTAATGACAAACAGGCTTAGCACCACCAGCAGCAACGCCACCAGGTAGAGGAAGATGACACGATCGGAGGGATCGTATT TCAGGCCAAAGAAATTACTGAACGTGTCCCAGCCGCCTTCACGAGCGGTACGGCTGAACTCGAGTCCGAAGAGTGTCGGT TTCGGGATCTGACTGATTCCGTTCGGGCCGCCGGTAATTTCGGTGTTATTGAGCAGCAATATGCGCACAATTTCGCCGAA TTAATCCAGCAATCGGCAGGCAGGTCCAGAAGCCCAAGCCGTAATAGTGATTGAGCAGCGCAAAAGTGTAAGCGCCGATG GATCATGGTCAGGGTGGCAATATCCACCGTCCCGCGTGAAACCATAAACGGCCACGCCACCGCAAGCACCAACAGCGCCA  $\tt CGAGGAACAGTTTCTGCTTCACCGTGGAGCCATCAATGGCGGGCAGAATAAACTTCGGTCCGGAAACGCTTTTCAACCCT$ TTCTGGAAAGCCGGTCGCAAAAGCTGGAAGAAAAAGACCACCGCCGTGCCGATAAACACCCACTGCCAACGGACATCCGA TCACCAGCAGCACCAGAATCAGCAGGGCGAATGAGACCACATCTTTATATTCCGTACTCAGATAGGCAGAAGAGAGCGCC TCCGCAATCCCCAGAATCAGGCCGCCAATCATCGCTCCCGGAATGCTGCCAATCCCACCGAGCACCGCCGCGGTAAAGGC TTTCATCCCGGCCATAAAGCCGATGTAGGGGTTAATGACGCCGTAGAACTGACCGAGCAGCACCCCGCCACCGCCGCCA GCGCAGGCACGCCGCGACCCATGCGGGAATAGCGAATGAAAATCGTCAGCGCCAGCATGGCGAGGAAGGTAACAAT  $\tt CCAGATCACCGCCTGCATGGTGGTAATAGAGGCAGAGAGTTTTCGCTATGCCCCACCACCACCACTGACCGTTAAACAGGC$ AGTGCAATCAGGCGCTTAGAGTTACGCACCGGGCGGTAAGCCACCCGTTCGATACTCCAGCCGTAGGCGCTGGCAATGAC GATTGCGCCGACGAATCCCGCAGCTACCAGCCAGCCGGTATCAATGCCCATCATCATCAGCGCGGCGATGATCATAA ATGAGACGTAGCTGCCAATCATATAAACCTCGCCGTGGGCGAAGTTGATCATGCCGATAATGCCGTAAACCATGGTGTAG GTGCCACTGGAAGACACCAAAATCAAATCCCTTAAGATCGCCTTTTTCATCCCAGTTCAGCGGCCCCAATCACGGTGTTTG TGCCGGATCCTGGTCATAGCGTTTTGGCATAGTGACCAACATGCCTTCGGCGGCATCACCGGCAATGTTCGACAACGACG GGGTAGTAACCGCCGTAGTAAACGAAGTCGATGTTTTCTTTTTTCAGGCGGGGCGATCAGCGCGGAGAAATCTTTCTCCCC GGCGGTAATACCGTCGAAGAAGACGACGTTGGCGTTAGCCGCTTTCAGCCCGTCCTGCACCGAACGCGCCAGCCCTTCGC TGGGAAGAGTCCAGCCCGGCAGTACGCATAATGTGTTGATAACCGCGTTGGGTCAGCTCCGGGTTGGTCGCTCCCGGCGA GATCATCAGAATACCTTCGTCTTCATAGATATCTGACGCAGGCTGGGTAGAAGAAGAACACAGATGACCAATAACGTATT TAATGCCGTCATTAACGATTTTGTTGGCGACCGCAACGGCTTGTTTCCGGGTCGCATGCGTCGTCATATTCCACGCCAACC AGTTTATCGCCCTTAATTCCCCCTTTGGCATTAATGTCTTTAATTGCCTGACGCGCCGCTTAAATTCCATATCGCCCCA TTATGTGTTAACAAATCAGACTGTTCTTTTTTATACTGCACTGTTTTTTGCCTGTCTGATTAAGGGGGTTAGCGCAGTATT GAAAAAAGTGCCTTTGTCAGCATAAAATAACGGCACAAAGGGCGGAATAATTCACTATCATTCAGGGGATTATGCTGGAC ATTTTCATTCTCTAATGTTTTAATTTTGTAATTATTGCTGTTAAAAAAATTAATCACCTGCCAAAAGAAATAAAAAAAGAG AAAGCCTCCGATTAAATTATTTCGCTACACTGGTTCCACTTTTGTGATTTACACGGGTTACCCATGAAGCTGACCATCAT TCGATTAGAAAAATTTAGCGACCAAGACCGGATTGACCTGCAAAAGATCTGGCCGGAGTATTCCCCTTCCTCGTTACAGG TTGACGATAACCACCGTATCTACGCCGCGCGTTTTAACGAGCGCCTGCTCGCTGCCGTGCCGGTAACCTTAAGCGGCACC  $\tt GAGGGAGCACTGGATTCCCTGCGCGTGCGGGAAGTCACCCGCCGTCGCGGTGTGGGGCAATATCTGCTGGAAGAGGTTTT$ GCGTAACAATCCTGGCGTTTCATGCTGGTGGATGGCGGATGCAGGCGTGGAAGATCGCGGTGTGATGACGGCGTTTATGC  ${\tt AGGCGCTGGGGTTTACGGCACAACAGGGCGGCTGGGAGAAGTGTTAATCGTCAAGTTTGATTTCAAAAGTGATATTGCCT}$ GATGCGCTACGCTTATCAGGCCTACAATGTGTGTTGCAATTTACTGATTTCTTTGGATCTTGTAGGCCGGATAAGGCCGT TACGCCGCATCCGGCATGAAGCAACGTACTCGATATTAGCAATTTGGCGGCAACCCAAAGTTGCCGATTAATGATTACTT CGCATCGGTCGCCGTTGGCGTGCCAGTCAAATACGCCGAACTCAAAGCCTTTCAGATCGCCTTTCTCATCCCAGG  $\tt CCCGCCTGCAAAGATTGCAGCGCGTGGTGGTCCAAACGAATGCGCCACTTGGGTCCTGTTTTTTCGCTTTGATCGC$
GTCAACAATGGGTTTGTTCGCCGGAACCTGATCGTAGTTCTTCGGCTTGGTCACCAGCAGCCCTTCCGCTGATTCGCCCG TGAGAAATCTTTTTCCCCGGCGGTGATGCCATCAAAGAACACCACGTTTGCATTGCCTTTCTTCAGGCCGTCCTGCACCG  $\tt CTCGCGCCAGACCTTCGCCGTATTGCTGTTTGTCGTGAACGATAGCAATACGCTGCGGTTTCACTTTCTCAAGAATATAT$ TTCGCCGCCGTCGGCCCTGGTCGGAGTCCAGGCCGGTGGTGCGCAGGATCAGCTGATAGCCACGGGCGGTCAGCTCCGG  ${\tt CGCGGTTGCCGCTGGGGTGATCATTAAAATGCCTTCGTCTTCGTAGATGTCAGACGCAGGCTGCGTTGATGAAGAACAGA}$ GGTGACCAATCACATATTTAATGCCGTCGTTAACGACTTTGTTCGCCACCGCAACCGCCTGTTTCGGGTCACAGGCATCG TCATATTTTACGATTTGCAGTTTGTTGCCTTTAATGCCGCCTTTAGCGTTGATATCCGCAACCGCCTGCTCTGCGCCGGT TATTGCTGAATGCCAGCGCGATACATCCTGCCAGTAACGCTTTACCCTTTATGTTCATCCTGAGAATCCCCATTCTTCTG GTTATTACGTGTGTTGTTGTTTTTTCAGCACTTTATTTCGTTTTTATGCATGACTACCCGTGCTTTAGCAGCATACT  $\tt CTGCTAAAACATACCCGATTTTTATGATATTGGAATAGCTATTTTGACAGTTTATTAACAATCTGCGTGGGGATTGGCGT$ TTTGCCGGAGGGGAAATTGATTATTACAGAGGCCCAAAAAACAAAAACCCCGGACTCTCATCCAGGGTTCTCTGCTTAAT AGCGGAAATTACGCTTCAATGGCAGCACGCAATTTTTTCATCGCGTTCTTTTCCAGCTGGCGTACACGCTCAGCGGAAAC GTTCGTCCAGACCCTGCATCGCGTCGGTCAGACGGTTTGCCGCCTGCTCTTCCCAGTTATCATCTTCAATGCCGTCGGCA AAGTTAGATGATTTATCCTGCAGATAGAGCACCGGAGCCATCGGCTGTCGGAATCGTCGTCGGAAGACAGGTCAAA  $\tt CGACTTCATCCTGGTTAAACCAGCCCAGACGCTGCTTGGTTTTACGCAGGTTGAAGAACAGTTTGCGCTGCGCTTTGGTG$ GTCGCAACTTTGACGATACGCCAGTTACGCAGAACGTATTCGTGGATCTCTGCTTTGATCCAGTGAACGGCGAAGGAGAC  $\tt CAGGCGCACACCCACTTCCGGGTTGAAACGGCGCACTGCTTTCATCAGGCCGATGTTACCTTCCTGAATCAAATCCGCCT$ GTGGCAGGCCATAGCCCGCATAATTACGAGCAATATGAACAACAACCGCAGGTGAGACAGGATCAGCGTTTTAGCTGCT TCCAGATCGCCATGGTAATGCAGCTTTTCAGCCAGCGCCCGCTCCTCGTCAGCCGACAACATCGGCCACGCGTTAGCTGC ATATCTTCTGGCGCTTCAGTGGTAGCAACAACTGTGCCAGAGCTTAAGAGCAACGAGGTTATCATTCACTGTTTTATCAG ACCGTGATTTTATCCACAAGTTCAATGCAAGCTTGTGAATAAATTACGCACAAAATGTGACATAGAGATGAAATACCGGG AAGTGGCGTAAATGTTGTACCGTGGCAAGCCACGCTGCCACCCAGCCAATCATCGAGCATACCAGCAATAGCAGGCA TTCATCGAATGATAAGCCATTGATATCAAACTTCGTTCCGAAAACCTGTGCCACTTCCGCAACCGCCGATGACAATCGCA GCACCAGAATTTCTGACAAAATTAATGACAACAATGCGCCAGAAAAATCCCAGCAGTGCGCCACCATACAGGAACGGGCGC GTTACCGATGACGAGGAACACGCCGCCACCATCAACACGCCGATCATCGCCGAAACGCCCCCGACCAGCCCGGTCAACG TTCAGTGATTCCGTCCCTGGAAATCGAGTTTCGGGATCACCACCGCCACTGCCGGAAGCGGGTTTTCTTCCAGCATATC CAGCGCACCACAAAACCAGACCAGTTACGGAACTCACCCAGTGCGTCTTCACGAGAAAGATAGTTCACTTTCTCCACGC GGTGACGGATAATACTGCGTCGCCGCCTGGTTAACGTTTTTGTACACCATATAACAGACGCTGGGCAGCGTCAGAGAAAT GGCGATAACCATCACCGTTAAAAACGTGGCGAACGGTTTGCTTTTCAGATCCTGCAATGCGCCGTGGAAGGCATAGCGCA ATTCATGGCCCACGCCTCCATGCAAGTGACCATCGCTCAGGGTGAGCATGCGATAGGAACGCCGCGAGATCAGGTTGATG TCGTGCGTTGCCATCAATACGGTTACCCCAACGCGGTTAAACTCTTCAAACAGACGTAAAATGCCTTCCGACAGCGCGTC GTCCAGGTTACCAGTCGGTTCGTCCGCCAGCAGTACCGCGGGGCTTGTTCACCACCGCGCGGGCAATGCCAACACGCTGTT GTTCACCGCCGAAAGCTGAATAGGGAAGTTCTTCGCTTTGTCCAGTAGCCCGACTTTATCCAGCGCCGCCGACACCCGG  ${\tt ATGGTGATCCTGGAAAATCATGCCAATCTGGCGCGCGCAGAAACGGAACTTCACGGTTTTTCAGACGCGTGATGTCATGGCATGTCATGTCATGGCATGTCATGTCATGGCATGTCATGTCATGTCATGGCATGTC$ CGCTAAACCAGATTTTCCCGGCGCTGGGCCGCTCAATCCCACAGATCAGCTTCAGGAGGGTACTTTTCCCTGCGCCGGAA TGACCGGTCAGAAACGCCATCTCACCCGGCTGCATATGGAACGTAACGCCCTGCAGCGCCTGTCTCCCACCGAGATAAGC  $\tt CTTGCTGACATGTTCAAAGCGAATCATTGTTAATCCTCTCGGGCAAAAAGTGCCTCTATAAAGTCGTCCGCCTTAAACGG$  ${\tt ACGCAAATCCTCAATACGTTCGCCGACACCAATGTAGCGGATAGGGATACCAAACTGGTCAGCCACCGAGAAAATTACCC}$ GACGATTTTCTTCAACTCTTCCATCAGGTGCGATTTGTTCTGCAGGCGTCCGGCTGTATCGGCAATCAGGACGTCGATAT TTGTTGCGCTGACCCCAGACCTGAAGCTGTTCAACCGCAGCTGCACGGAAAGTATCACCCGCCGCCAGCATCACCGATTT ACCCTGCTGCTCAAACTGACGCGCCAGCTTACCAATCGTCGTGGTTTTACCCACACCGTTGACGCCCACCATCAGGATCA TAAATCCGGAACCGAGATTTTCTTTGGTTTTTAACAGGCTGCGTTTCAGGCGCGCGAAAAAACCTTCTTTGGTCGGTTTT TCCTGCTCCTGAGCGATTTCTTCCACCGGCTGCTCTTCTTCTGCCGGAGGAACCACCATCACCGCCTCTTCTGCCGCTTC  $\tt CGGTTTCCGCTTCAGCCTGCCACTCTTCTGGCGAAACCGCTTCGGCGTTGACGTCTTCCGGCAACGGCAGCTCTTCACGT$  ${\tt TCGATAGCCACTGGCTCCGGCGTTTCTTCTACGACCGGTTCCGGCTGCGAACGACTTCCGCTTCAGGCTGCGCTTTTTC}$  TAGTCTATCACTTAACTTAACTCACATCACCGCCTGCAAGTATGTGTTATCTGGCGGATTGAGCAATTTATCATGAAAAA GGATCGCGCGGTTTCTCAGCAGTTAATTAAGAATCTGGCGACACTAAAAGCAGGCAATGCACGCGTGGTGAACAGCAACG CGATGTCATTCCTGGCGCAAAAAGGTACACCGCATAATATCGTGTTTGTCGATCCACCGTTCCGCCGTGGCTTGTTAGAA  $\mathsf{TCTGCCCACTGTTCCAGCAAACTGGTCATTACATCGGGAAAAAGTGGCGGGTCAGGTGGCTTATCGGCTGTATCAACGCG$  ${\tt AAGCACAAGGAGAAAGTGATGCTGATTAATATTGGTCGTTTGTTAATGCTCTGCGTTTTGGGGATTTTTAATCCTCAACCT}$ GGTGCATCCCTTCCCACGCCCGCTGAATATCTTCGTTAACGTGGCGCTGATTTTTACCGTGCTGATGCATGGTATGCAGC TGGCGCTATTGAAATCCACTTTACCGAAAGATGGCCCGCAGATGACCACCGCCGAAAAGGTACGGATTTTCCTTTTCGGC GTGTTTGAACTGCTGGCCTGGCAGAAGAATTTAAAGTTAAAAAATAACCTTATTGTTCGCCTACAAAGCTGACAAAGCG  $\tt CGGCGATCGTTAATCGGTTTTTCCCGCTTGTTGCTCACCACCACCACCTTTTGCTGGAGCGGAGCCATATCATTATCAGC$ TTTTTCCCGTCGCTGTTGCATAAAACGAAACGATGCGGCGACGACAATTAAGCCAATGATAACAATAAAGAAAAGAGGGTG GTTTGCTCATCTTTATCCCTCATCGGAAAATGCGGAAATAAGCATACCCTGCCAGTTATGGTGTTGTCATCCGTCCACCC TCGCCACTAAACTGGAAGCAAGACCGTAGGCATTCCGCTTACGAAAAATAACGAATTCAAGGAACTAAGATGCTTTGGT  ${\tt CGTTTATCGCTGTCTTTCCGCATGGCTATCTGTGGATGCATCGTATCGTGGGCCAACCTGGCAACGCTGGGTGTTT}$ AGGGCTGTGCGCCTCACTGCTGGGCGATGCGCTAACCCTGTTGCCACGTCAACGTCTGATGTACGCCATCGGCGCGTTTT GCGCTTCGTTGCTGTTTATCAGTAACTTTGTCTGGCTGGGGAGCCACTATCGCCGACGCTTCCGTGCGGATAACGCGATT TCCAGAGTGTATCCTTCGGTTAATGAGAAAAACTTAACCGGAGGATGCCATGTCGACTCCTGACAATCACGGCAAGAAA GCCCCTCAATTTGCTGCGTTCAAACCGCTAACCACGGTACAGAACGCCAACGACTGTTGCTGCGACGGCGCATGTTCCAG GCAAGGTAGAAAATGCCGTGCGCCAGCTTGCAGGCGTGAATCAGGTGCAGGTGTTGTTCGCCACCGAAAAACTGGTGGTC GATGCCGACAATGACATTCGTGCACAAGTTGAATCTGCGCTGCAAAAAGCAGGCTATTCCCTGCGCGATGAACAGGCCGC CGAAGAACCGCAAGCATCACGCCTGAAAGAGAATCTGCCGCTGATTACGCTAATCGTGATGATGGCAATCAGCTGGGGTC TGGAGCAGTTCAATCATCCGTTCGGGCAACTGGCGTTTATCGCGACCACGCTGGTTGGGCTGTACCCGATTGCTCGTCAG GCATTACGGTTGATCAAATCCGGCAGCTACTTCGCCATTGAAACCTTAATGAGCGTAGCCGCTATTGGTGCACTGTTTAT TGGCGCAACGGCTGAAGCTGCGATGGTGTTGCTGCTGTTTTTGATTGGTGAACGACTGGAAGGCTGGGCCGCCAGCCGCG CGCGTCAGGGCGTTAGCGCGTTAATGGCGCTGAAACCAGAAACCGCCACGCGCCTGCGTAAGGGTGAGCGGGAAGAGGTG AAACTGATCGAAGAGCCGAAGAGCGTCGCGCTCCCATTGAGCGGTTTATCGACCGTTTCAGCCGTATCTATACGCCCGC GATTATGGCCGTCGCTCTGCTGGTGACGCTGGTGCCACCGCTGCTGTTTGCCGCCAGCTGGCAGGAGTGGATTTATAAAG   $\tt CACTGGCGGCGGCGGCAAGCCAAGCCATCCACTGGCGCAAGCCATCGTACGCGAAGCACAGGTTGCTGAACTC$ GCCATTCCCACCGCCGAATCACAGCGGCCGCTGGTCGGCTCTGGCATTGAAGCGCAGGTTAACGGTGAGCGCGTATTGAT TGGTACTACGTACGATGACGTGCTTGGTGTCATTGCGTTACAGGATACCCTGCGCCCGATGCTGCAACTGCCATCAGT GGGGCTGGAGTTTAAAGCGGGCCTGTTGCCGGAAGATAAAGTCAAAGCGGTGACCGAGCTGAATCAACATGCGCCGCTGG CGATGGTCGGTGACGGTATTAACGACGCGCCAGCGATGAAAGCTGCCGCCATCGGGATTGCAATGGGTAGCGGCACAGAC GTGGCGCTGGAAACCGCCGACGCATTAACCCATAACCACCTGCGCGGCCTGGTGCAAATGATTGAACTGGCACGCGC TGACCGGGTTGTGGCTGCCAGTGCTGCCAGATACGGGGGCGACGGTGCTGGTGACAGCGAATGCGTTAAGATTGTTGCGC AAAGGCGGCATCGAAGCCAATCAGCCCCTATCAACCGCCTTTACGAATCAAATAACGATAAGGCAGTCCATCCGTCTCTTTAGCAACCAGTTCGTGTTCCATAAAGGTACAAAACCCAGGAATATCGCGGGGTAGTGGCCGGATCGTCGGCGATAATCAGC GAGTGTGTGGTCAGGGCTGGAAAAGAGATCGGTCATTTTCTTCTCATCACTTAAAAAACGGCGCTAGTTTACGCCCTGT GAGTCCGTAAGCAACTAGGTTAACGATTGCGTGAAAATTAACCATTGCATTGTCAACGTAAAGCAGTATCATGCGGCGG ATCAAAAAGGTACAATATGAACGTTTTCTCGCAAACTCAACGCTATAAGGCGTTGTTCTGGTTATCGTTATTTCATCTGC TGGTGATCACCTCCAGTAACTATCTGGTTCAGCTTCCCGTCTCCATTTTGGGTTTCCATACCACCTGGGGCGCGTTTAGC AATGATCCCTGCGTTATTAATCTCCTACGTCATCTCGTCGCTATTCTATATGGGTTCCTGGCAGGGATTCGGCGCACTCG ATTACTGTTTCAAAGTGTTAATCAGTATCGTTTTCTTCCTGCCAATGTATGGCGTATTACTCAATATGCTGTTGAAAAGA  $\tt
GCCGTTATGGCCGTTTATCGAAAGGAAGAAGTCAATGCGCAATCTGGTTAAATATGTCGGAATTGGCCTGCTGGTTATGGCCGGAATTGGCCTGCTGGTTATGGCCGGAATTGGCCTGCTGGTTATGGCCTGGTTATGGCCTGGTTATGGCCGGAATTGGCCTGGTTATGGCCGGAATTGGCCTGGTTATGGCTGGTTATGGCCTGGTTATGGGCATGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGTTATGGCTGGGTTATGGCTGGTTATGGCTGGGTTATGGCTGGGGTTATGGCTGGGTTATGGCTGGGTTATGGCTGGGTTATGGCTGGGGTTATGGCTGGGTTATGGCT$ GGCTTGCGGCCTGTGATAAAAGACACTAACGCTACGGCGCAGGGTTCGGTCGCGGAAAGTAACGCTACCGGGAATCCC TGGCGGTGCTGGCGAAGCGTCTGGAAGATCAGCAACGTAGCCGCGATCCGCAGCTGCAAGTGGTAACCAATAAAGCCATT GAGCTGAAAGGTCACAAAATGCAGCAGTTAGACAGTATTATCTCCGCGAAAGGCCAGACGGCGTACTCTTCCGTTATTCT GGGTAACGTGGGTAATCAACTGCTGACCATGCAAATTACGCTGCCCGCTGACGATCAGCAAAAAAGCGCAGACCACCGCAG  $\tt AAAACATCATTAATACGCTGGTTATTCAGTAAGTTTTAAGATGATGATGAGGCGGCCTCAGGGACGTGTTCCGGAGGCCGTTT$ TTTTAATCGCCACGTCAGTAATAACGCGATTGCGACCAGTCCCGCCGCCGCCAGATAAATCACCGGTACGCCCCCCAGC TCATCACCAGCCCAGCCAGTGGTCCAGTCACGCCAAGCGATAAATCCATAAATACGGTGTAAGTTGCCAGCGCCCCCC TGATTTTGCTGCGGAACCGCTTTTACCGCCACTACACCCAATGCCGGGAACACCCAGCGAAAACCCGGCCCCCGCCAGTAA GACGCCGATTTTCGCCATCCACGGCATAGTCGCCACGCCAACCAGTAGCAGGCCGATTATCTCAACGCTAAAGCAAATCA TCGCTACGTTTAAGCCACCGATACGGTTAATGCCGTTAGGGAATAACAAACGCGTACCGACAAACGCACAGCTAAACAGC GTCAGCGCGAAAGCCGCACCGTCCCAACCTTTAGCGTCATAAAACAGCGTGATAAAAGGTGGCGATGACGCCAAATCCGGC GGAAGCCAGTGCCAGCGCCATACCGTACAGCCAGACGCCCCAAGCACCGCGCGAAACGGCAGCGGTTTGCCTTTACTGG  $\tt CCGCCCCAGTGATAAAACACGACGCCTAACGGCGCACCCATCGCCCATCGCCCGTAAGTGACAATGCCGTTCCACGAAAT$  $\tt CACCCGCCGATATGCAGCGAGCCAACCACGCCAACGCCCATAGGGTCGATCCCGTTCCGGCAAAACTTTGCCCAATCCAATCCCAATCCCAATCCCAATCCCAATCAATCAATCAAT$ AGACCGCTCAAAAAGCAGCCGCATAAACCGAAGACGACAATCTTTTTTGGGTCCCAGCGAATCGGCGTAACGTCCGGCATG  ${\tt AGGGCGGCTCAGCAAGGTGGCGAAATATTGCAGGCTGATAACCAATCCTGCCCAGAAGGCGCTAAAGCCCATCACATCAT}$ GGACATAGCCCGGTAATACAGCGAGCGCAACCCGATGGTGAGGTAGCTGGCGAAGTTAAACATGACTATAGAGACAATG  $\tt CGCAAATTCAGGCGCAATCCGTTTAGCGCGGGTTCGGCTACGGGTTCGGCATGAGGATCACCACATTTTTACAACAGTG$ TTTCATTTTTACCACGTGCTGACGTGAAAATCAGCAGTAAGAATCAGAATATTGCTGGCGTGACTCCCGCTACACTTAAT ACAAAAAGTCACAAGGAAGCCCCAATGGAAACCCCTCAACCCGATAAAACGGGCATGCACATTCTGCTCAAGCTGGCCTC GCTGGTAGTGATCCTCGCGGGCATTCACGCAGCGGCAGATATCATTGTGCAGCTGTTACTGGCGCTGTTTTTTTGCCATCG TCCTCAACCCGCTCGTCACCTGGTTTATTCGTCGGGGGAGTACAACGCCCCGTTGCCATTACGATTGTAGTGGTGGTGATG CTGATCGCACTAACCGCGCTGGTCGGCGTACTGGCGGCATCGTTTAACGAATTTATCTCTATGCTGCCGAAGTTTAATAA GGAGCTGACGCGCAAACTTTTTAAATTGCAGGAGATGTTGCCTTTTCTTAATTTGCATATGTCGCCGGAGCGAATGCTGC AGCGGATGGACTCGGAAAAAGTGGTTACCTTCACCACAGCGCTAATGACCGGGCTTTCCGGGGCAATGGCGAGCGTGCTT TTGCTGGTGATGACCGTAGTTTTTATGCTGTTTGAAGTGCGCCACGTCCCTTACAAAATGCGTTTTTGCGCTGAATAATCC  ${\tt ACAGATTCACATCGCGGGATTACACCGCGCACTTAAAGGCGTTTCGCACTATCTTGCATTGAAGACGCTACTCAGTTTAT}$ GGACAGGTGTCATCGTCTGGCTGGGGCTGGAGCTGATGGGGGTGCAGTTTGCGCTGATGTGGGCAGTACTGGCGTTTTTTG CTCAACTACGTGCCCAATATCGGCGCGGTAATTTCCGCCGTACCGCCAATGATTCAGGTGCTGCTGTTTAATGGTGTTTA GCCGGCCAGACCGAAAAGTCGGTTACCGGGATGAGGCGACAAGTGATACGATACGCACTTTCATTTTCCATTAAACGTTG  $\tt GCCCTGATATGTATCGGATAGTTCTGGGGAAAGTTTCGACCTTAAGCGCAGCTCCACTGCCACCGGGTTTACGCGAGCAA$ GCACCGCAAGGTCCACGACGCGAACGCTGGCTGGCGGGGCGTGCATTGCTTTCGCACACGCTTTCCCCGCTACCGGAGAT CATCTATGGCGAACAAGGCAAACCTGCATTTGCGCCGGAAATGCCGCTATGGTTCAACTTAAGCCATAGCGGTGACGATA GCGAACGCCGTATTCAGCCTCGGGGAACACGCTGAGATGGACGCCGTGCATCCTGATCAGCAACTGGAAATGTTCTGGCG CATCTGGACGCGCAAAGAAGCCATCGTTAAACAGCGTGGCGGCAGCGCCTGGCAAATCGTCAGCGTAGACAGCACCTATC GCCGACAGTGTGCAATGGATCGATTCAGTTAACTGATCCGCCCACCCGACTGCCCATCTATTGATCCAGAACAGGTAATC AGTATGACGAATACTTAAAATCGTCATACTTATTTCCGCCATCTATTTTAATCCATTGGGGTTACCATGCTCTCCACACT  $\tt CCGCCGCACTCTATTTGCGCTGCTGTGTGTGCGTCTTTTATCGTCCATGCCGCTGCACCAGATGAAATCACCACCGCCT$ GGCCGGTGAATGTCGGGCCACTAAACCCGCACCTTTACACGCCTAACCAGATGTTCGCCCAGAGCATGGTTTATGAACCA GACCTTCACCCTGCGTGATGACGTGAAATTCTCCAACGGTGAACCGTTCGATGCCGAGGCGGCGGCAGAAAACTTCCGCG  ${\tt CAGTGCTCGATAACCGTCAACGTCACGCCTGGCTGGAGCTGGCAAACCAGATTGTTGATGTTAAAGCACTCAGTAAAACA}$ GAGCTGCAAATTACCCTGAAAAGCGCCTACTATCCTTTCCTGCAAGAACTGGCCCTGCCCCGTCCTTTCCGTTTTATCGC TCCCTCGCAGTTTAAAAACCATGAAACCATGAACGGAATTAAAGCGCCGATTGGCACCGGACCGTGGATTTTGCAGGAAT CGAAACTGAATCAGTACGATGTCTTCGTCCGTAACGAAAACTACTGGGGCGAAAAGCCAGCGATTAAAAAGATCACCTTT ATTACCGCTCGATACCTTCGCCCGCTTTAGCCAGAATCCGGCTTACCACACCCAACTGTCACAGCCGATCGAAACCGTGA TGCTGGCGCTCAATACCGCCAAAGCCCCCACCAACGAGCTGGCAGTACGTGAAGCTCTTAATTACGCGGTAAACAAAAA  $\tt TCGCTGATTGATAACGCGTTGTATGGCACCCAGCAGGTCGCCGACACCCTGTTTGCCCCTTCTGTGCCCTACGCCAACCT$ AAGACATCCGCGAGAAAAATGGTCAGCCGCTGCGCATTGAACTTTCGTTCATCGGCACCGATGCGTTAAGCAAATCGATG TCGTCAGCGCGACGGTCGTTTTGGCATGATTTTCCACCGCACCTGGGGCGCCCATATGATCCACACGCCTTCCTCAGTT GAAGTGCTGGCGACCCATGACGAAACGCAACGTCAGGCGCTGTATCGCGACATTCTGACCCGTCTGCATGACGAGGCGGT TTATCTGCCTATCAGTTACATCTCAATGATGGTGGTATCAAAACCGGAGCTGGGTAACATCCCCTACGCGCCGATCGCCA  ${\tt CCGAAATTCCGTTCGAACAGATTAAACCGGTGAAACCTTAATGTTGCGTTACGTATTACGCCGCTTTCTGCTGCTGATCC}$  $\tt CGATGGTGCTCGCCGCCTCGGTGATCATTTTTCTGATGCTGCGCCTCGGTACCGGCGACCCGGCGCTCGATTATTTGCGT$  TGCTGAACTTCCTGCCCGCCACGCTGGAACTTGCAGGTGCGGCGCTGGTATTAATTCTGCTCACTTCCGTACCGCTCGGT ATCTGGGCGCGCCATCGCGACCGTCTGCCGGATTTCGCCGTACGTTTCATCGCGTTTCTTGGCGTGTCGATGCCTAA AGCACATCATTTTGCCTGCGGTTTCCATTGCCTTTATGTCGCTGGCGATTAACGCGCGTTTACTGCGCGCCAGTATGCTG  ${\tt GACGTCGCCGGTCACGTCACCTGGGCGCGTCTGCGCGGCCTGAACGACAAACAGACCGAACGTCGCCACATCCT}$  $\tt GCGCAATGCCTCGCTGCCGATGATCACCGCCGTGGGGATGCATATCGGCGAACTGATTGGCGGGACGATGATTATCGAAA$ A CATCTTTGCCTGGCCGGCGTCGGGCGCTATGCGGTGTCGGCGATTTTTAACCGTGACTATCCGGTGATCCAGTGCTTT ${\tt ACGCTGATGGTGGTGGTTTTTTGTGGTCTGTAATTTGATTGTCGATTTGCTCAACGCCGCGCTGGACCCCGCGCATTCG}$ CGCCGGATGCGCAGCACTGGCTGGGCACCGATCACTTAGGTCGCGATATTTTCTCGCGGCTGATGGCAGCGACCCGCGTG TTGGCGTGCTCGGCACCGGGCTGACCAACGTAATTATCGCCATCGCCCTGTCGCACTGGGCGTGGTATGCACGCATGGTG  $\tt CGCAGCCTGGTGATTTCACTACGCCAACGCGAGTTTGTGCTGGCGTCACGGCTTTCCGGTGCGGGCCATGTGCGGGTGTT$ TGTCGATCATCTGGCAGGCGCGGTGATCCCTTCGCTGCTGGTGCTGGCAACGCTGGATATCGGCCATATGATGCTGCACG TCGCGGGGATGTCTTTCCTTGGCCTCGGTGTGACCGCCGACCGCCGAATGGGGCCTGATGATTAACGACGCGCGCCAG TATATCTGGACCCAGCCGCTGCAAATGTTCTGGCCGGGGCTGGCGCTGTTTATCAGCGTGATGGCCTTTAACCTGGTGGG TATCGCGCTACAGGCCGCGCAGCCGCTGGTACACGGTGTATCGTTAACCCTGCAACGCGGGCGCGTGCTGGCGTTAGTCG GCGGTAGCGGCAGCGGGAAATCATTAACCTGCGCCGCAACGCTGGGCATTTTGCCCGCTGGCGTTCGCCAGACGGCGGGG GAAATTTTAGCCGATGGCAAACCGGTTTCGCCTTGCGCCCTGCGCGCATCAAAATTGCCACCATCATGCAGAACCCGCG GGCGGCATGTTGCAGCGCATGATGATTGCGATGGCGGTGCTGTGTGAATCACCGTTTATCATCGCCGATGAACCGACCAC TGGTGACCCATGATATGGGCGTTGTGGCGCGTCTGGCGGATGACGTGGCGGTGATGTCTGACGGTAAGATTGTCGAACAG GGCGATGTAGAAACGCTGTTTAACGCCCCCAAACATACAGTGACGCGCAGCCTGGTTTCCGCTCATCTCGCCCTCTACGG
TATGGAGCTGGCATCATGACTTTACTTAACATCTCCGGCCTTTCCCATCACTATGCGCACGGTGGATTTAACGGAAAACA GCGGGAAAAGTACCCTCGCGCGCGTTGCTGGTGGGTTTAGAATCGCCCGCGCAGGGGAATATTAGCTGGCGTGGCGAACCG  $\tt CTGGCGAAACTCAATCGCGCCCAGCGTAAAGCGTTCCGCCGCGATATTCAGATGGTATTTCAGGACTCCATCAGCGCCGT$ GAATCCGCGCAAAACCGTGCGCGAGATCCTGCGTGAACCGATGCGCCACCTGCTATCACTGAAAAAATCCGAACAACTGG  $\tt CAGCTCCAGCGCGTCTGCCTGGCGCGCTGGCGGTCGAACCGAAACTACTGATTCTGGATGAAGCCGTTTCTAACCT$ GTGGGAGAGAAATTAACCTTTTCCTCTGACGCCGGACGTGTGCTACAAAACGCGGTATTACCCGCATTCCCCGTGCGCCG TCGCACCACAGAAAAGGTTTAACGCAAATGCAACGAGTCACCATCACGCTTGATGACGATTTACTGGAGACGCTGGACAG GTCTCCACCCAGCATCATCACCACGACCTCTCCGTCGCCACGCTGCATGTGCACATCAACCACGACGACTGTCTGGAAAT ATTTGCAGTGCTTGCCGAAGGAAGATTGAGTCTATTATTGGGTCCTTTGGTGAACGATCAACAAAGGGCCACTAGCACAC $\tt CTGATTCCTCTAAATACCCTATCCGAACCTTCTCTTTTGTAACGTTCTAAATATATTCCTAAAAATCTTCAATTCATT$ GTGACCACAAGTTTTTCTTCGCTTTTTCGTATGAAGATACTGTCATTAAAATAATAGAAAAGGATTTTACGATGAGCGGA AAACCGGCGCGCGTCAGGGTGACATGACGCAGTATGGCGGTAGCATTGTTCAGGGGTTCAGCCGGGGTACGTATTGGTGC TCCTTCCCGGTGAAACCGACATCGCCCTGCCCGGCCCGCTGCCGTTCATCCTCTCCCGCACCTACAGCAGTTACCGGACA AAAACGCCCGCGCGGTGGGGAGCCTCGGCCCCGGCTGGAAAATGCCTGCGGATATCCGCTTACAGCTGCGCGATAACAC GAAGAACTCCGCTTAAGTCCGCATCGTTATCTGGCGACAAACAGTCCGCAGGGGCCGTGGTGGCTGCTCGGTTGGTGTGA GCGGGTGCCGGAAGCGGATGAGGTGCTGCCTGCGCCGCTGCCGCCGTACCGGGTACTGACCGGGCTGGTGGACCGCTTCG GGCGCACACAGACGTTCCACCGCGAAGCCGCCGGTGAATTCAGCGGCGAAATCACCGGCGTGACGGATGGTGCCTGGCGT CGCACGACCCGGAATACCCGGAGAATTTACCTGCCGCGCCGCTGGTGCGCTATGGCTGGACGCCACGCGGCGAACTGGCG GCTACACGTATCAGTATGAGAAAGACCGCATCACCATCACCGACAGCCTGGACCGCCGTGAAGTGCTGCACACGCAGGGC GAAGCCGGGCTGAAGCGGGTGGTGAAAAAGGAACACGCGGACGCCACCGTCACGCAGAGTCAGTTTGACGCCGTGGGCAG GCTCAGGGCACAGACGGATGCCGCAGGCAGGACAACAGAGTACAGCCCGGATGTGGTGACGGGCCTCATCACGCGCATAA GAATTGCGCCGGGAATATGATGAATTGGGCCGTCTGATTCAGGAAACTGCCCCTGACGGCGATATCACCCGCTACCGTTA TGATAATCCACACAGTGACTTACCCTGCGCAACGGAAGATGCCACCGGCAGCCGGAAAACCATGACGTGGAGCCGTTACG GTCAGTTGCTGAGCTTCACCGACTGTTCCGGTTATGTAACCCGTTATGACCATGACCGCTTCGGGCAGATGACGGCGGTG TGAAACGCGGTATGAATACAACATCGCCGGTGACCTGACCGCCGTCATTGCCCCGGACGCAGCAGAAACGGGACACAGT TGACGGCCGCACACAGCGTTATCACCACGACCTGACCGGCAAACTTATCCGCAGCGAGGATGAGGGTCTGGTCACCCACT GGCTGGCTGACAGACATCAGCCATATCAGCGAAGGGCACCGGGTGGCGTGCATTACAGGTATGATGAGAAAGGCCGGCT GACCGGTGAGCGTCAGACGGTGCATCACCCGCAGACGGAAGCACTGCTCTGGCAGCATGAGACCAGACATGCGTACAACG CGCAGGGGCTGCCGAACCGCTGTATACCGGACAGCCTGCCCGCCGTGGAATGGCTGACCTACGGCAGCGGTTACCTGGCA GGCATGAAACTCGGCGACACACCGCTGGTGGAGTACACCCGCGACCGCCTGCACCGGGAAACGCTGCGCAGCTTCGGCCG TTATGAACTCACCACCGCTTATACCCCTGCCGGGCAGTTACAGAGCCAGCACCTGAACAGCCTGCTGTCTGACCGCGATT AGGCTGACCGCGTTCACACCACCGCAGCGAATCTGGATATCCGCATCCCGTATGCCACAGACCCGGCAGGTAACCGCCT GCCCGACCCGGAGCTCCACCCCGACACCCTCAGCATGTGGCCGGATAACCGTATCGCCCGTGACGCGCACTATCTTT ACTCACCGGTACCATTACGACAGTCAGCACCGGCTGGTGCACTACACGCGGACACAATATGAAGAGCCGCTGGTCGAAAG CGCTGTCACGGAAACCGCAAGTGACCTGGTACGGCTGGGACGGCGACCGGCTGACCACGATACAGAACGACAGGAGCCGC GCGCCGCAGCCTGGCGGATGCCCTTCAGCAGTCCGGCGGCGAAGACGGTGCAGTGTGGTGTTCCCGCCGGTGCTGGTGC TGAATGAAGAGCCCGCATCAGCTGCAGCAGCTTATCCGGCTGCCGGGGCAGCAGTATGATGAGGAGTCCGGCCTGTAT TACAACCGCCACCGCTATTATGACCCGCTGCAGGGGCGATATATCACTCAGGATCCGATTGGACTGAAGGGGGGGATGGAA GACGCCTTAAATAAATAAATAGCCAATCTATTTGCGAAGATAAAGAGTTCGCTGGTTTAATATGTAAGGATAATAGTGG CAGATATTTCTCAACAGCACCTAACCGAGGAGAAAGGAAAAGGATCATATCCATTCAATAGCCCTTGCCCTAATGGTACTG AGAAAGTATCAGCTTATCATACTCATGGTGCAGATAGTCATGGAGAAATATTTGGGACGAAATATTTTCAGGTAAAGATGAG AGGAACTGTGTCATTGTATCTTTGTTTTTTACATACAACACACGGGCGCAGTGTAATAATAATATTAAAATAATGCG ATGTTAAGAATCGTTATGGACAGGATGCCGCAGAAGAAGAAAACCATACGAAATCACTGAGTTAACAACAAGTTGGGTT GTTGAAGGTACCATTCACTCAGACCAAATTGCTGGTGGGGGTTTTTATTATAGAAATAGGCAAAAATGATGGGAGAATTCT GAATTTTGGCCACGGAAAATAAGTATGTAAGGATAATCAAACATCGTGTGCGCTGATGGCAGAGTAGGTGGAGGACTCCA AAGAGTATGGTTTATAATAATAAATGTAAGAAACTAAATGATGATGATTATTTCGCTTACTTGATGATCGCAATTCCTTG  ${\tt AAAAGGATTTCATCTGCCAGAGTATTACAGTTAAGAGGGGGGCCAAGACGCTGTTAGATTTGGCAATTGAATTCTGCACTGAATTGAATTGAATTCTGCACTGAATTGAATTGAATTCTGCACTGAAT$ CAAAAATTATATCCGTAGAGATATCGGAGCATTTATACTCGGGCAAATATAAATTTGCAAAAAATGCGAAGATAATGTTT TTAATATTTTGAACAATATGGCATTGAATGATAAGAGTGCTTGCGTTCGAGCTACGGCAATCGAGTCAACGGCCAGGGAA AGATCATCAAAAGTTCACTTTTTGCACTAAATAATTCGCATTTTATGTTTAAAAAATTGAGATATTCCTTATTACCTGAAG CTGTTTTTTATTGCTTATACATGATCAAATACTCCTTACCTAATTAAGGAGAACAAAATGGAACTTAAAAAAATTGATGGA A CATATTTCTATTATCCCCGATTACAGACAAACCTGGAAAGTGGAACATAAATTATCGGATATTCTACTGTTGACTATTTGGTGATTTTGAAAATGGTATTCCTGTTCACGATACCATTGCCAGAGTTGTATCCTGTATCAGTCCTGCAAAATTTCACGA GTGCTTTATTAACTGGATGCGTGACTGCCATTCTTCAGATGATAAAGACGTCATTGCAATTGATGGAAAAACGCTCCGGC CAGATCAAGACGGATGAGAAATCTAATGAGATTACAGCTATCCCAGAACTTCTTAACATGCTGGATATTAAAGGAAAAAT TAAAAGGAACCCAGGGGCGGCTAAATAAAGCCTTTGAGGAAAAATTTCCGCTGAAAGAATTAAATAATCCAGAGCATGAC AGTTACGCAATCAGTGAAAAGAGTCACGGCAGAGAAGAATCCGTCTTCATATTGTTTGCGATGTCCCTGATGAACTTAT TGATTTCACGTTTGAATGGAAAGGGCTGAAGAAATTATGCGTGGCAGTCTCCTTTCGGTCCATAATAGCAGAACAAAAGA AAGAGCCAGAAATGACGGTCAGATATTATATCAGTTCTGCTGATTTAACCGCTGAGAAATTCGCCACAGCGATCCGAAAT TGCAGCAGAATTATTTTCAGGGATACGGCACATTGCTATTAATATTTTGACGAATGATAAGGTATTCAAGGCAGGGTTAA GACGTAAGATGCGAAAAGCAGCCATGGACAGAAACTATCTGGCGTCAGTCCTTGCGGGGAGCGGGCTTTCGTAATCTTGC  ${\tt CCTGAATACAGGACTGAGTATCAAAAAGCCGGTTAACTGAAACTGTCCAGGTTTTGGGGGTCAGTTCATAAACGCCTTAT}$  ${\tt CCGGCCTAAAAACCAACTAAAATTCAATAAATTGCACCGATGCGTAGTCCCTATAAGCTTACGCATCGGGCAATTGTATTT}$ GCACCAGAATCACCAGCAGCCCCAGTTGCGGCATTGAACGCGCTATCGTCCCCATAAAAATGCCGATTGACGTGGTGGCA AACAGACTGAGCGCCAGCATAAACAGCGGGATCGAGCCTTCAATCGGTACGCCCAGTACACCTTTCACCATCAG CACCAGCGATAATCCCGATACCACCAGCACCACCAGCCCCATCGACCAGATCTTCGCCATCATGATCTCAAACGGCGTTA  ${\tt TCGGCATCACCAGTAAGTGTTCCACCGTGCCGTGTTCACGCTCGCGGATCAGCCCGATCCGGTCAATACAATCGCCAGC}$ ATGGTAATGTTGTTGATGATCGCCATCACCCCGCCAAACCACGCGGGATCGAGGTTCGGGTTAAAGCGCATCCGGGTTTC  $\tt CAGCGATACCAACGGTTCGCTGTTATCACGGTAGCGCGCGACAAAGCTGTTCACTTCACCGTTGATAATATTCTGGATAT$ GATCATCTCCGGTGGCAAAAACCACGGACGATAGAAGCTGTTAACGATCCGGTTCGATAACTGCGATTGATCCATATCGG ATCAGCGTCAGCATCGCTTTATCACCGAGCAGACTGCGCAACTCTTTGATACCCAGATTAAAAATATTGCGTAAATGGCG TTGCCACAAATCAGTCAGATCCAGCGCTTTCGAGAACGTCCCGCGGGCGATAGTCAGAAAATGACTGGTCGGGTAAACCT  ATAATCGCCGTTCCGAAAATGGCGGCAATCTGGCTTTTCATAAAGGTGGAGATCAGCAGCCCCATTCCGGTGGCAATGAT GATATACAGCAGCGCCGCCAGGGTGAGCGTCAGGAAACTGCCTTTATGCGGTACGCCAAACACAACACCGACAGGCCGC AGAGCAGGAAAAAGTTCAGCATCCCCAGCGCGATGTATGGCAACTGTTTACCAAGCAAAAATTCACTACGCGTGGTGGGG GTCACGTAAAGGTTGATAATCGACCCAAGCTCTTTTTCCCGCACCACGCTAAGGGCGCTTAGCATTGACGGGATCATCAT  $\tt CAGCAGAAGCGGGATCACCGCCGGAACAATCGCTGGCAGGCTTTTTACGTCCGGGTTATAGCGATAGCGCGTCTCAATAT$ TAACCTTTTACCGTTCCACCACGCCTCGCATCCGTCGATCCAGACGCCGAGTTCCACAGGCGTACCACGCCGAT TGGTGAGCGGCGGCTGTTCGATAAAGTAACGGGAACCGGAGAGGTTGAGTGTCCACGCCTGGCTACTGACGGTCTGGTCG CGGTCGAGCACCGCAAAGCGCAGGTTTTCCACATCCATACTGATGCCGTAACCCATTATCAGCATCAGGATCACCGTTCC GGCTAAATCCCTGACGCGGCGCGTGGGTGTCGTGTACCACGGGCGCGCTTCGGCTTCGTTGCTCTGCCCTGCCGCT TCCTGCAAATAGGCGATAAATGCCTCTTCCAGACTGGCGGCTCCGCGTTTCTCAACCAGTTCCTGCGGTGTACCGCTGGC TCACTTTGTCCTGGCGCGAGAGATCGACCATCAACTGCCAGAACATATCCCTCGCCACCGGATCGACACCAGAAGTAGGC TCATCGAGGATTAACATCTCCGGGCGATGAATCACCGCCACCGCCAGCGAAAGCCGCTGGCGAATGCCGAGCGCAATGA GGATGTGAAACAAACGGCCATGTAACTCAAGGTTTTTGCCGCACGGTGAGTTCGTTATAGAGCGAAAACGCCTGCGACATA TAGCCCACCCGACGGCGGTATCGATATCTTTTGGATCAACCGGTTGCCCGAACAGCCACGCCTCACCTTCGCTGGCGGG GAATGCGGAAATTAACGTGATCAACGGCAACGAAGGAACCAAAACGCATGGTCAGATCGCGCGCTTCGATGGCAATCTCT GCGTTTTCAGGTTGATACGGTGGGATCACTACCGCCTGATGCGCCTTGCGCTTGCGCTTGCGGTAACAGATTTATAAATGC TTCTTCCAGCGTAGCGCTTTGCGTTTGCTGCCGTAGCTCTTCGGCGCTGCCAGTTGCCAGCACTTCTCCGGCATTCATCG  $A {\tt
TACTGTCGATCAGATCCCAGAACTGGGAGCGGGAGAGCGGGTCAACCCCCGTTGTTGGCTCATCAAGGATCAACAGTTC$ AAAAAATCGACGTTTTCATACACCGACAAGGTGTGGTAGAGGTTTTTGCCCAGCCCCTGCGGCATCCAGGCGATGCGCGG GCAGACGTCGCGGCGATGCTTCGGGTCGCGCATATCGCCGCCCAGCACCATCACATTGCCCTGTTCAATGACGCGGGCAC CGGAAATCAACGACAACAAGCTCGACTTCCCGACGCCGTCCGGGCCAATCAGCCCGACCATACAGCGGGCCGGAATATCG TACGCCCGGCAAACCGGTTTTGACATATTCCAGATGCTGCTGGAGTAATTCCGGTGGGATACGCGCTTTGACGCGCGAACA TCAGTTTCAGCCGTTCATCGCTGGTTTCGACGGTTTTTGGCGTGAACTGGCGACACTGGCGACAAAACTGATGGTTGCA GGAATACGCAGATCTGGCGCGCATCGAGGATCAGCCGGGCTTCACCGCCCAGTTTCAGCGTGCCCGCCTGTTCGGTTGG  ${\tt CAGGAAGAAGTCATATAGACGTCGCTGAGATCGACCATATTCAGCACCCGACCGCCTGCCGCCAGCACTTCGCCTGGCT}$ TACCTGAGCTTTCGCCGATTCCAGCGCAGCTCGGGCGCTCTCAGCGGCGGCGCGATCGTCATCCAGCTGTTGCGCAGAAA TAGCCCCTCGTTGGGCCAGTGAACGGGAACGCGTATGACGTTTTGCTACGGAGTCCAGTTCTGCCTGGCGTTGATTAACC  ${\tt AGCGACTGTGCGCACGAGTTTCGCTTTGTCGTTGCTCCAGCAAAGCCTGCGCGGCAACGGCGCTTTGTGCCTCTTT}$ GATTTGCGCGATGGCTTCCAGTCGCTGTTCCTGCAACACGCGAGTATCCATCTTCGCCAGCACTTCACCTTCGCGAACAA  ${\tt ACTTGCCTTCTTTCACCAGAATGGTGTCGATACGCCCGGCAATTTTGCTGGCAATATCCACTTCCGTCGCTTCAATGCGCCGCTTCAATGCGCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCTTCAATGCGCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCGCCTTCAATGCTCAAT$ CCATTACTGACAGCAAAGCCTTCCGGCACACCTGCCGGGCGCACACCACCACGCCACGATAGCCGCCACCGCCACTAA  $\tt CCCGACAACCCACGCCAGATGGCGCTTACTCTTATCCATAATCGACCCGCCATAATCCCTGTAAGCAAACGACGCGT$ GTTACAACTGCCGCCGAACGACGTTCAGCGGATTCTTCCATCCGGGATAAGAAGGAAACGGCAAATACGACCAGCGCGCA GAGCATTGAGCGCCAACGGGGAAGGCTTAGTGAAAACGGGTAGTAATGTTGTCATCATCAGCATTCCTGGCCGTAAATGA  TTCAGTTGCAGGAACAGAGCATTCCTTTTTACGTTTTATCAACAGTCTCAACCAGATAGTAACATTAATATTCATGTTGT  $\tt CTATGGTTCAGAGCTGTAACATTGTGCGCCTTCTAATCAAAGGCATAAGTCCATTTCTGTTTTTTTCATGCTGGTAAGAC$ ACTGTCACGGGCGTTAAGACCTAAAACTGTCCCCGTTTCGCCTATGCGTTCTCTCCACCATTTCCGTTATGTGCAACAA  $\mathtt{CTTGATTTATACCTAACATTTGTGAACATGCTAATAGTGCTTCAAGTTTAGGTCTGTAATCTGTCGAAACAGAAAAATAA$ AATTGCCGCTAATTCGACCGGATCGAGAGCATTGGTCATTTCATCAATAGAGACTGTTATCGGTCCTATAATGTAACGTT TTCGCTGATCATCAAAAGTTATCCCATGATGATTTTGCCATTATTTTGTATTTGGGGTCATAGAAACATACAGGATAATCT TTTATCCCAGAGTAGGTATCCTCATCGAGTGGTTTCATACGCGTGAAGTTCTGCATATAGTTACCATTGCAATTCGTTTC ATGATTTCCAGCTAATACATGAACATTTTCATTGATACTCATTATGCGTTTTAACAAATCGATGATAAATTGATCACCAC AGATATTGCTAAATCGATCGCCGGTTTGGTCGCCCAGAAACGTACATGGCGTCACAGCGTCTTTATTAATAACTAAATAA GGCTGAAGACTTTCTAAAATAATGTCTCTTCTGTTCAGGATACTGATTATTGTATTAACATTAGTGTTAAGTTGCTCATT TGATTCCCAAATGTCCCGTTGCGAAAAGCGCGAACAAAACTGCACCGACTGAGCCATCGGTATCACCAAAATAGGTTGGT TTTAATATCAGATACATTATATTGCGATATTTTCCAGTTCCAGATGGGTTTGTACGACTCAGTAACTGCAACATCATTAG CATTATCATTTACTGTCATATTATTAAGTAAATAAACAATACTGCACCAATTAATATCGGTATTATCAAGAGAGCAACCG TAATTTTTGCTATTAATTGTCACAATAAACTGATAATTATTATTCCTACGTAGAATATGAGCACGCATGCCCGATAGCAT  ${\tt ACTATATTTTCTGAATGATCCGTTTGTATGGTAAATGAAATTTTGTCATCTTGAATAGATTGTTGGAACCGTTCTATTT}$ GCCAATCATCTATTTTTCCACAACCTCACCGAGCATTGTCCTGGCAATACTTGATATATCATCACCTATACCATTTGCA ATATACCCAAACAGTTCTTTAGTGAAGTTGGTAACATGCTCTTGCACCATATCATTTGTTGCGATTGTCGTTGTACTGTC GTTAGTGCCTGCCACAGTTCCAATTTTCATATTTTACCTCATATTATTTACCGCGAGGAATACATAGTTAACATTTTATC TTATGACATACACCTCATGTTCGATGGGAAAATAATTATATTTTGCACAAATCATTCAGCCTCAAAGCATAATATGAAAT TTCTTATCTCATAGCAGAGAAAGTCCCTAAAGATTGTAGAGGCGTCATCAGAACATGCCTCTACAATCGATTAAGAAAAC CTATGAAATACTGGCAGGATTAAAAAGACATACCACCGTATTCATGGAGTTTTAATGTAGTTGAAAACAACTAAGCCCTG TTATGATCTACCCCGGGCCCATGATGCCCATATTTTTGTCTAATGTATTTGCTGGGGGTCTTCACCTTTGAGTGTCTCCCC AAGTATTGCTTCGGATTAGATGGAATAGAGGATCATCCATGTGTTCTTTATGTTTTTTATTAAAAATATTGGCTAATTCC  ${\tt TCAGGATCAGTAGGATTTTCATCTGATTAAATGGAACCTGCAAAGCACCGAGACAATAACATTTTTTTCTTCATCTCTT$  ${\tt CGACGACATTTTTATTAACGGCTATCTTTATTACCCTCCATATTTCGCATAGAATTTAGCAAAGTAAGGATATATTTA}$ TCACCAAAAATAGTACTAAATCTATCGCCTGTATGATCCCCAAGGAAGATACAAGGGGTTATCGCATCGTCCTTTAAAAA ATGCAGATGAAGCCATCTCTTCGTGTTTTAATAATTCACATAATAAACTCCAACCCTTTTCCCTGATGCCTATATGCCCT GAAACGAGCAATGCATAAAGTACAGCGCCTACTCTTCCATCTGTATCGCCAAAATAAGCCGTGTTGGCATTTTGTGGGTT AATCACACCACACTGTTTATAGAAGTCTATTTTTGAAAACACAGATTTAACATAGCTATCAAACTTTTCCTTAGTAAACG TCTCTTTAGAGACATCCCAACGCCAGTCAGGTTTGAAATTACCACTAAGAAGAGTAAAGAAATTTCTCGCTATGATAGAA AGCCCATCAACTTTATAAATTATATCTGATTTATCTCCAGAGGAATTAATAAAATAATAACCGCCCTTACACTCAACAGT AACGGTAATGGGAGACGATAATTTTAACACATGGTTATTGTCTGGTATAATTGTAAAGATAAACGTATCAGTAGTATTGT  $\tt CGGCGAATCTATTATATTCTTGAATATCTATAGAAGGTTCACTATTATAAAACCATACTTTCTCCATCTGGTGACTACGA$ TCATTTACCTTCCAGTGACCATGTTGCAGGAAATAGATGATATGCAGGCCAAAATCGTTATCTATTTGCGAATCATTATC  ${\tt CAGTTTATCAAATTCAACTATCTTTGCACGATGTGTTTTATCAACCTTGCCATGGTGTTGATGACTGTTAACTTTATCTG}$ ATTGTTTGTAACAAAATAAATGATACTTGTCTGAAAAACAGATTTACGACGATATAAAATAATAATACTTATATGTTCGC 

AAACCCCGCTATAGTTATGCTATGCATTTGTCTTTAATGATATCTCGTCATTATATTAACAGGATGAAATTATCATTAAT TGATTATGGGCTTAATTTGTATCGCGTTAGGTGGCTTTGTGCTGGAAAGTTCAGGGCAAAGCGAGTATTTCGTCGCGGGT CATGTGCTGATTTCTCTGGCGGCCATATGCCTGGCATTATTCACTACCGCATTTATTATCATTTCGCAGCTCACGCGCGG TGTTAGCAGGCAATGATGTGATGGCAGACGAGTTTGTCGCCGGCCATGTTATTTTCGGCGTTGGTATGATTGCCGCCTGT GTATCGACGGTGGCAGCGTCATCCGGTCACTTTCTGCTCATTCCCAAAAATGCAGCGGGGAGCAAGAGCGACGGAACACC GGTACAGGCTTATTCTTCATTAATCGGTAACTGCCTCATTGCCGTTCCCGTTTTACTCACCCTGCTCGGTTTCATTTGGT  $\tt CTATTACGCTGTTACGTGGTGACATAACTCCGCATTATGTCGCGGGTCACGTATTGCTTGGGTTAACCGCAATCTGT$ GCCTGTCTAATTGGCCTTGTTGCCACAATTGTCCATCAAACACGTAATACGTTTTCAACTAAAGAACACTGGCTGTGGTG TTATTGGGTTATTTTCTCGGCTCAATCACGGTACTGCAGGGGATATACGTCTTAGTCAGTTCCGATGCAAGCGCCCGAC TGGCTCCCGGCATTATTCTTATTTGCCTCGGAATGATCTGTTACAGCATATTCTCAAAAGTCTGGCTACTGGCACTGGTA GTTTCTTGCGGAAATGGCGCAGACCGACATGGGATATTTTATTCCTTCGCGAGTTCTGGTCGGTTTGGGAGCGGTATGCT TTACGTTGTTCTCAATCGTTTCAATATTAGAAGCGGGTTCTGCTAAAAAATAATTGCAACGTACCGGATAAAAACCAGCGT TGACCATTTGCGTAACGCTGGTTTTTCTTAGGCATCATGAAATAACGCAGCATTAATGCATAGTGGTTAAGTATAAAAAA TCCACCTTATATTAAGCATGGAGGGTTTCAGTTCACGGGCTCATTAGAAAATAATCACAAGATAACCACTATCAAAATTA GCTCATTTTTAATGCGACTCTAATAATTTTCATCTTTAGGAAATAGGTCAGGACGACTTTGCTGCAATCAAATCCTGCGC AGTACAGCCCAGGCACTTTGCGCGCTTCCATCGTCCGTGAAGAGAGTTCGTTGGTGTCCACGCCGCCGAGCGTCACTTCG GCAGTGCGATAGCCTTCAGTGCCGTTGGGTTGTACGCGCCAGTCGGTCAATGTGCTAATCAGTGCCTGTTGGTCACGCAC AGATTGATGCTGACAAATTCCCCCGGTTGCCAGTAGCTTGAAATCTGCAACACCGCCGGTCCAGACAAGCCGCGGTGGGT GCAATCTTATAACCAAACGGCGACGCCCAGCCCCGGCATTGACAGCCCACCAGTCGCGATGACCAGCTTTTCGCAACC GACAGTCATGCCGTTCAGATCAAGCCTGAAGCCTGTTTCATCCTTCGCCACACTCAGCACTTCGCTACGCAATCTGAAGG TCACATTGCCCTTCTCGCACTCATCCACCAGCATGTCGACAATCTGCTGCGCGGAGTCATCGCAGAAGAGTTGCCCTAAC GTTTTCTCGTGCCAGGCGATGCCGTGTTTATTGACCAGATCAATGAAATCCCACTGGGTAAAACGTGCGAGTGCAGACTT ACAAAAATGCGGATTCTGGCTCAGATAAGCGCCTGGTTCGACATAAAGGTTGGTAAAGTTGCAGCGCCCACCGCCAGACA AACATACCCGCCGCACCAGCGCCTATAATAATGGCATCAAACCTTTCCACGTTGCGCTCCTCTTAGAAAAAACGGGCGTG AATTGTAAAGATTCCTCAGTGGTCGCACCAGCATCAATATTACTAAAAGGAAGTATTTGCCTGAATTATATAAAGATAATT ATTTTTTGAGTGAAATCCATACAGGGGGCAAATCAAAAAAAGTCTATATTTCACTTTGCCCGCGCCGCGAAAGTCACTGA TGGGTGGTCTGAGTGTTGCCTATGCCATTGTGCATATGCTGCCGACGGATCTGCTGCTTAATATGGGATCGTCTCATGGC TCAATATCCCGAAAGTATTAAGTATTTTCGGTTCTCTGATCGTTTCCCCTATTGTCGGCCTGGTGTTTTGCTGGCGGTCTG ATTTTCTTGCTGCGTCGCTACTGGAGCGGCACCAAGAAACGCGCCCGTATCCACCTGACCCCAGCGGAGCGTGAAAAGAA AGACGGCAAGAAAAAGCCGCCGTTCTGGACGCGTATTGCGCTGATCCTTTCCGCTATCGGCGTGGCGTTTTCGCACGGCG GCTCAAACAGGCTACCGGTGCTGATCAGTTAGTACCGGCTCCGGAAGCTGGCGCAACCCAACCTGCGGAGTTCCACTGCC ATCCGTCGAATACCATTAACGCGCTCAACCGCCTGAAAGGTATGTTGACCACCGATGTGGAAAGCTACGACAAGCTGTCG CTTGATCAACGTAGCCAGATGCGCCGCATTATGCTGTGCGTTTCTGACACTATCGACAAAGTGGTGAAGATGCCTGGCGT GAGTGCTGACGATCAGCGCCTGTTGAAGAACTGAAGTCCGACATGCTTAGCACCATCGAGTATGCACCGGTGTGGATCA TCATGGCGGTCGCGCTTAGGTATCGGTACGATGATTGGCTGCGCGCGTGTGGCAACGACTATCGGTGAGAAAATC GGTAAGAAAGGCATGACCTACGCTCAGGGGATGTCTGCCCAGATGACGGCGGCAGTGTCTATCGGCCTGGCGAGTTATAC GTAAAACCGTGACCAGCATTCTGATGGCCTGGGTGTTTACCCTTCCGGCTGCGGTACTGCTTTCCGGCGGGCTGTACTGG  $\tt CTCTCCTTGCAGTTCCTGTAATCGTACGCACCAAAACGAGCGGGTCAGCTGGCCCGCTTCAGATTGTGACATAGTGCGCTGCTTCAGATTGTGACATAGTGCGCTTCAGATTGTGACATAGTGACATAGTGACATAGTGACATAGTGACATAGTGACATAGTGACATAGTGAATAGTGACATAGTGACATAGTGAATAGTGACATAGTGAATAGAATAGTGAATAGAATAGTGAATAGAATAGTGAATAGTGAATAGTGAATAGTGAATAGTGAATAGTGAATAGTGAATAGTGAATAGTGA$ TTGTTCATGCCGGATGCGGCGTGAACGCCTTATCCGGCCTACAAAAACATGCAAATTCAATAGATTGCAGAGATTATGTA GGCCTGATAAGCGTAGCGCATCAGGCAATTTTGCGTTTGTAATCAGTCTCGAGCGGGTCAGTTTACTGGCCCGCTTTTTT TGGTCAGAATAAACTGCCGACGCACCCGCTCACAGCGGCGAATAAATTCATCATCGTGATGATCGCGATAACGTTGGGCA GAGCAATGGATCGCAGTTACGCAGTACCACTAACACGCGCGTAGTGATGAGAAATAGCGCGCCATGTTAACAATGCAAA CGACACATAAAGCCCAAAATAATGCGACGGTGCTTATCATACCTCCCCGGCGACCTGCCCGCGAGTTCCACCCCGG GGCTACCGCTCCCGATACGCTGCCAATCAGTTAACACCAGGTCCTGGAGAAACCGCTTTTGTGGTGACCAACATACGAGC GGCTCTATAGATAGTGTAGGAGATCAGGTTGTTTTTTTCCAGAAGGTTAACCACTATCAATATATTCATGTCGAAAATT TGTTTATCTAACGAGTAAGCAAGGCGGATTGACGGATCATCCGGGTCGCTATAAGGTAAGGATGGTCTTAACACTGAATC TTTACGGCTGGGTTAGCCCCGCGCACGTAGTTCGCAGGACGCGGGTGACGTAACGCACAAGAAACGCTAGCTGGCCAGT AGTTCTGGTAGAGAAAGCAGTCTCTATGGCTCGCCCCTACAATGCGAAAGTTTCTCTGATCCACGTAGATGTAAACTACT CTGACCTATACACCGGGCTTATTGATGTGAATCTGGGTGATATGCAGAAACGCATCTCTGAAGAGACACATCATGCACTG TGCAATCAAGAAATACGATATGGATTTTGGTGGTTTTGTGGTCACCACCAGGACTTCTGGAGCAAACTGATGTCTTCCGCAC GTCAGCTGATCAACACCGTTCACGTTGATATGCTGATTGTTCCGCTGCGCGACGAAGAAGAATAATCTTCCCTCTACGAC GTGTTCCTGAACGCCCGCATATGCGGGCGTTTTGCTTTTTGGCGCGCCCTTGTTACCTGATCAGCGTAAACACCTTATCTG GCCTACGGTCTGCGTACGCAATCAAAATCCCCAGCCAATACAACATTTAACACCATCATATTTTCCATCATTAGTGTGAT CATCTGGTTATTTCTGTTGTAATAGTGTATTAATCTATTCACCGCATCAATATTAAGAATCTCTGACAGATGTAAACTT TGGGGATGCTGCAGCAACCTCGCCCATTTTTCATGATCTTTTTTGTCGAGTTATGGGAGCGATTCGGCTACTACGGCGTG TGCGCTGGTCTATGGCCTCATTTCCATTGGCGGCTATGTCGGCGACCACCTGCTGGGGACCAAACGCACCATTGTTCTTG GCTTGATGGCGCATTCACCCTGTTCTATATGTCGATCAACATCGGCTCGTTGATAGCGTTATCGCTGGCCCCTGTGATCG  $\mathtt{CTGATAGATTCGGTTATTCAGTCACCTACAACCTGTGCGGGGCGGGGTTAATTATCGCATTACTGGTTTACATCGCCTGT$ CGTGGAATGGTGAAAGACATTGGTTCTGAACCCGACTTCCGGCCAATGAGCTTCAGCAAACTGTTGTACGTGTTACTTGG TCGTCGTCACCATCATCTTCTTCGTCAGGCATTCAAGCTGGATAAAACCGGGCGCAATAAAATGTTTGTCGCCTTTGTC  $\tt CTGATGCTCGAAGCGGTGTTTTTACATTCTCTACGCCCAGATGCCAACATCGCTGAACTTCTTTTGCCATCAACACGT$ GCATCATGAAATTCTCGGTTTTTCCATCAACCCGGTCAGCTTCCAGGCGCTTAACCCGTTCTGGGTGGTACTCGCCAGCC TTTATGTGCTCACTGGGCTTTTTGACGGCGGCAGCTGCGGGAATGTGGTTTTGCGGATGCACAAGGGCTGACATCGCCATG GTTTATCGTGCTGGTGTACTTATTCCAGAGCTTAGGTGAACTGTTTATTAGCGCCCCTTGGCCTGGCGATGATTGCTGCCC TGGTGCCGCAGCATTTGATGGGCTTTATTCTCGGGATGTGGTTCCTGACGCAGGCTGCCGCGTTCTTGCTGGGCGGCTAT GTGGCAACATTTACCGCGGTGCCGGACAACATTACCGATCCGCTTGAGACGTTGCCCGTCTATACCAACGTGTTTGGTAA GATTGGTCTGGTCACGCTGGGCGTTGCAGTAGTGATGCTGTTGATGGTGCCGTGGCTGAAACGCATGATTGCGACGCCGG  GATATCAAAGCGATGCCCTTTAGTGACTACCGCGTTTGGCGTGGCGACATTCGCCAGCGGTGGCGCGTAGTCCGGGCGCT TTACCACCACGCGTTTGGTCGCCAGCAAGCGTGCAGGCTCCAGTAATCCATCGGCATCAAGATCCGGTCCCACCAGCGAC TGAAAGACACGCATCTCTTTTTCACTAGCGCGCTTTTCTGCTTATGCGGGAACATCGGGTCGAGATAAACCACCTGCGG  $\tt GCGCGGGGTAATATCAGTCAGCCGCCGTCAGGCTGGAGGCGTGAATTAACTGCAACCGCTCCTGCAACCAGCCGCCGATTT$  $\tt CAGCCGACTGAAGCCAGTACAAAGGCATCGCGCCCAAGTCCTGCAGTGGCATCCACCACATCCGGCAAATAATCGCCTTT$ AATGCCCACCGCTTTCGCCACCGCCTCACCGCGACCACCGCCGAATTTGCGTCGGTGCGCCATCGCTCCGCCAACAAAT CAACAAAGATGCCGCCAAGTTTTGGCTCATCACGCTTGCGCAATTCCAGATGTTCCGGCGTTAACACCAGCGCCATCAGG TTGTCTTCATCGTGCTCCAGCCCCCAGCGGGCCGCCAGAACAGATAAGGCACCGTCTCCGGTGCCTGTTTCATCAATTAA GCAGATTTTCACTGAATGATCAGCCCTTAATGCCGTAATGCTCCAGCATCGCATCCAGCTGCGGTTCACGACCACGGAAG  $\tt CGTTTGAACAGATCCATCGGCTCTTCTGAACCGCCACGGCTCAGAATGTTGTCGAGGAACGACTGCCCGGTTTCACGGTT$ GAAAATGCCCTCTTCCTCAAAGCGCGAGAAAGCATCTGCCGCCAGTACGTCAGCCCACAGGTAGCTGTAGTAACCTGCGG  $\tt CATAACCACCGGCGAAAATATGGCTGAAAGCGTGCGGGAAACCGGCCCCAGGACGGAGATGGCACCACGGCAACCAGTTTC$ TTGATTTCTGCCAGAGTTTCGAGGATTTTTGCCCCCTGATCCGGGCGGAACTCGGCATGAAGGCGGAAATCAAACAGGCC GAACTCCAGCTGACGCAGAATAAACAGCGCCGCCTGGTAGTTCTTCGCCGCCAGCATTTTATCCAGCAACTCTTTCGGCA GCGGTTCGCCGGTTTCATAGTGACCAGAGATAAACGCCAGCGCCTCCGGCTCCCAGCACCAGTTTTCCATAAACTGACTC GGCAGTTCGACCGCATCCCACGGCACACCGCTGATACCGGAAACACCAGCGGTTTCGATGCGGGTCAGCATATGGTGCAG AGTTACAAGTCAAATACGCGACCGGTTTTTGCAAAGAACCATCAGCTTTACGCATCTGGCCTACGCAGTCATCCAC GAAGAAACGTACATCCGGATGCCAGACATCAACATCTTTACGCTCTTTAGCGGTGATGCCGTAAATACGCTTAACCACTT  $\tt CAAACAGGCCGTTAACCGCTTTGTTTTCCGGGAAGTACGGACGCAGCTGTTCGTCACTGATGCTGTAGAGGTGCTGTTTT$ TGTTTTTCGCTGTAGTAAGCGATATCCCACGGCTGCAACTCATCGACGCCAAATTCGGCTTTGGCAAAGGCACGCAATTG CGCCAGCTCTTTTTCGCCTTGTGGACGCGCGCGTTTTGCCAGATCGGTTAAGAAATCCAGCACCTGCTGCGGGTTTTCTG TCTTCCATCACCTTGCTGTTATCCCATTTACCGGCGTTTGGGCCTTGATCGGAGGCGCGGGTGCTGTAAGCGCGATACAT  $\tt CTCTTCACGCAGAGCCTGGTTGTCGCAGTAGGTCATTACCGGCAAGTAGCTTGGGATATCCAGCGTCAGCAAATAACCTT$ ACGAGTTTGGTCCAGCCCATTGTCGCATCGAGGACGTTGTTGCTGTACTGGTTGCCCAGTTCAGAAAGACGGGTCGCAATTTCGCCGTAACGCTGCTGTTTCTCTTTCGGCAGACCTATGCCAGAGAGTTCAAAGTCGCGCAGTGCGTTATCAACCGCTT  ${\tt
TCTTCTGCGCCGTGTTCAGCGTGGCGTAATGATCGCCATCGCGCAGGTCGCGATACGCTTTATACAGCCCTTCATGTTGCAGCGCTTCATGTTGCAGCCCTTCATGTTATGTTGCAGCCCTTCATGTTGCAGCCCTTCATGTTGCAGCCCTTCATGTTATGCAGCCCTTCATGTTATGTTTGCAGCCCTTCATGTTATGTTGCAGCCCTTCATGTTATGTTATGTTGCAGCCCTTCATGTTATGTTATGTTATGTTATGTTTATGTTTTATGTTTATGTTTATGTTTATGTTATGTTATGTTTA$ GTTCAGGTGGCTGACCGGGGAGAAGATACGCCCCAACACATCGTCCACTTCCGCCAGCGGCTGGCAGAGATTTTCCCAGG TGTACGGTGCCCCTTGCGCTACTACGCGCTCCACGTTTTCGCGGCAGTCGTTCAATGCCTTAGTCACGGCTGGAACGACA TGTTCCGGGAGAATTTTAGAAAACGGAGGCAATTCAAAGGGAGTCAGTAACGGATTCGTCATTCGCGCAGTCCTGGTTAA  $\tt CGTTACGCTTTCGCGGCGGCGCCTCTTTTCGGTATACTGTCCTGATACGCTTTTGTGCGCCCCGAATACGGGCCGATTT$ TACCGTTCAGAGCCTGATCATCGAGTCGCTGAAAGAAAAGATAAACCGTTTCTCTATCTCGACACCCACGCAGGGGCCG GGCGTTATCAGTTAGGCAGCGAACATGCCGAGCGTACCGGCGAATATCTCGAAGGCATCGCCCGTATCTGGCAGCAGGAC GATTTGCCCGCAGAACTGGAGGCGTACATCAATGTGGTAAAACACTTCAACCGTAGCGGTCAGTTGCGTTACTACCCCGG TTCGCCGTTGATTGCTCGCCTGCTACTGCGTGAACAGGACAGCCTGCAACTGACCGAACTGCACCCGAGCGATTACCCGT TGTTGCGTTCTGAATTTCAGAAAGATAGCCGTGCGCGTGTCGAAAAAGCCGACGGTTTCCAGCAGCTTAAGGCCAAACTG GATAGCAGAAGGTTACAAACGTTTCGCCACTGGTATTTACGCACTGTGGTATCCGGTGGTGCTGCGTCAGCAAATTAAGC GCATGATCCACGATCTGGAAGCGACCGGTATTCGCAAAATTCTGCAAATTGAACTGGCGGTACTGCCAGACAGCGATCGC CGTGGCATGACCGCTTCCGGCATGATTGTGATTAACCCGCCGTGGAAACTGGAACAGATGAATAACGTGCTGCCGTG  TGGCACCTATTACGTCTCGCGCTACAATCGCGGTAATCAACGATAAGGACACTTTGTCATGACTAAACACTATGATTACA TCGCCATCGGCGGCGGCGGCGGTATCGCCTCCATCAACCGCGCGGCTATGTACGGCCAGAAATGTGCGCTGATTGAA GCCAAAGAGCTGGGCGCACCTGCGTAAATGTTGGCTGTGCCGAAAAAAGTGATGTGGCACGCGCGCAAAATCCGTGA AGCGATCCATATGTACGGCCCGGATTATGGTTTTGATACCACTATCAATAAATTCAACTGGGAAACGTTGATCGCCAGCC GTACCGCCTATATCGACCGTATTCATACTTCCTATGAAAACGTGCTCGGTAAAAATAACGTTGATGTAATCAAAGGCTTT GCCCGCTTCGTTGATGCCAAAACGCTGGAGGTAAACGGCGAAACCATCACGGCCGATCATATTCTGATCGCCACAGGCCG TCGTCCGAGCCACCCGGATATTCCGGGCGTGGAATACGGTATTGATTCTGATGGCTTCTTCGCCCTTCCTGCTTTGCCAG AGGCCCGCAGCTGCACACCAACGCCATCCCGAAAGCGGTAGTGAAAAATACCGATGGTAGCCTGACGCTGGAGCTGGAAG ATGGTCGCAGTGAAACGGTGGATTGCCTGATTTGGGCGATTGGTCGCGAGCCTGCCAATGACAACATCAACCTGGAAGCC GCTGGCGTTAAAACTAACGAAAAAGGCTATATCGTCGTCGATAAATATCAAAAACACCAATATTGAAGGTATTTACGCGGT GGGCGATAACACGGGTGCAGTGGAGCTGACACCGGTTGCAGCGGGTCGCCGTCTCTCTGAACGCCTGTTTAATA  $A {\tt CAAGCCGGATGAGCATCTGGATTACAGCAACATTCCGACCGTGGTCTTCAGCCATCCGCCGATTGGTACTGTTGGTTTA}$  ${\tt ACCGTCGCCATTCACCCAACGGCGGCAGAAGAGTTCGTGACAATGCGTTAAATGTTAAAGGGCTAAGAGTAGTGTGCTCT}$  $\tt CTAGAACGATGATTGCTTTATCAATCACCCGTTTTCTCCATGCGATGGAGTGAGAATGCATCCGCTTACTCATCCACTGC$  $\tt CTGTCACGGCGCATGTCTCATTGTTAGATAAGAACTCTCTCACTCCGGCCAGAGCATCAGTTAACGGCACCACCCGTACTCTCACTCCGGCCAGAGCATCAGTTAACGGCACCACCCGTACTCTCACTCCGGCCAGAGCATCAGTTAACGGCACCACCCGTACTCTCACTCCGGCCAGAGCATCAGTTAACGGCACCACCCGTACTCTCACTCCGGCCAGAGCATCAGTTAACGGCACCACCCGTACTCTCACTCCGGCCAGAGCATCAGTTAACGGCACCACCCGTACTCTCACTCCGGCCAGAGCATCAGTTAACGGCACCACCCGTACTCTCACTCACTCACTCTCACTCTCA$ TCTGACCAGGACTTTGAAAGCGTTTATGCGCATTGCCAGAGTGAAAATGCCTCAGAGCTAACTGGATAATCATACAGTAC  ${\tt ATGCAGGTTATAAAACCAGCACGTCCTTGCAATAGTTTCAGTATGGTATTAGCATTGATGCGTTAGATGATGGCTATCTC}$ GAAGAAATCGCTAATTCTTGCAATGTTAGCCACTGGCTAATAGTATTGAGCTGTTAGATAAGAACTCTCTCACTCCAGCC AATGAATAGCCAACTCAAAATTCACACCTATTACCTTCCTCTGCACTTACACATTCGTTAAGTCATATATGTTTTTGACT TATCCGCTTCGAAGAGAGACACTACCTGCAACAATCAGGAGCGCAATATGTCATTTCTGTTACCCATCCAATTGTTCAAA ATTCTTGCTGATGAAACCCGTCTGGGCATCGTTTTACTGCTCAGCGAACTGGGAGGTTATGCGTCTGCGATCTCTGCAC TGCTCTCGACCAGTCGCAGCCCAAGATCTCCCGCCACCTGGCATTGCTGCGTGAAAGCGGGCTATTGCTGGACCGCAAGC AAGGTAAGTGGGTTCATTACCGCTTATCACCGCATATTCCAGCATGGGCGGCGAAAATTATTGATGAGGCCTGGCGATGT GAACAGGAAAAGGTTCAGGCGATTGTCCGCAACCTGGCTCGACAAAACTGTTCCGGGGACAGTAAGAACATTTGCAGTTA  ${\tt AAAATTTAGCTAAACACATATGAATTTTCAGATGTGTTTTATCCGGGAGGCATTATGTTACTGGCAGGCGCTATCTTTGT}$ TAGTTACGGGCGTGGTCCATCCGGGTGATATTCCGGTGGTGTGGAATATCGTCTGGAACGCGACGGCTGCGTTTATCGCC GTCATTATCATCAGCCTGCTGCTGGATGAGTCCGGCTTTTTTGAATGGGCGGCGCTGCACGTCTCACGCTGGGGTAATGG TTATTTTGACACCGATTGTCATCGCCATGCTGCTGCTTTAGGGTTCAGTAAAGGCACTACGCTGGCGTTCGTGATGGCG GCCGGATTCATTGCCGATACCGCCAGCCTGCCGCTTATTGTCTCCAACCTGGTGAATATCGTTTCCGCTGATTTCTTTGG TCTATTTTCGCAAAGATATTCCGCAGAACTACGATATGGCGCTGCTGAAATCTCCCGCAGAAGCGATCAAAGATCCTGCT CGCCATTGCAGCTGTGGGCGCGCTGATATTATTTGTCGTCGCTAAACGCGGTCATGCGATTAATACGGGTAAAGTCCTGC GCGGTGCCCCTGGCAGATTGTCATCTTCTCGCTCGGCATGTATCTGGTGGTTTATGGCCTGCGCAATGCCGGATTAACG GAATATCTTTCTGGCGTACTCAACGTGCTGGCGGATAACGGCCTGTGGGCCGCGACGCTCGGCACCGGATTCCTCACCGC TTATCAAAGAAGCGATGGTTTATGCCAATGTGATTGGCTGCGATTTGGGACCGAAAATTACCCCAATTGGTAGCCTGGCT GCAACATTACCATTTATCACAACCCGGCCTGCGGCACGTCGCGTAATACGCTGGAGATGATCCGCAACAGCGGCACAGAA  $\tt CCGACTATTATCCATTATCTGGAAACTCCGCCAACGCGCGATGAACTGGTCAAACTCATTGCCGATATGGGGGATTTCCGT$  ${\tt ACGCGCGCTGCTGCGTAAAAACGTCGAACCGTATGAGGAGCTGGGCCTTGCGGAAGATAAATTTACTGACGATCGGTTAA}$ TCAGAAGTGGTGCTGGAAATTCTGCCAGATGCGCAAAAAGGCGCATTCTCCAAGGAAGATGGCGAGAAAGTGGTTGATGA GACGCTGGCGCGTCTTATCCGACCTACAAAGTTATGAAAATTCGATGAATAGTATGTTATTTGTAGGCCTGACAGGCGTA GCGCATCAGGCGATTTTGCTATTTACACAGTACTCCCTGCGTGAGATTCCAATTATCGCGTCCAGCATGGTGTATCAGTG AGCTGCTTAGTTATCAGCGATACAGCGCAGTAGTTTAAAGACGTACTGGATTATGATTTATCAGTGGTTTACACAACAAA TATCAGAGAACATAATAACTTTTTAAAATGAGCGCATTTTGATAGTTGTTAACGATTCCTTTACGATACTATCACTACC CTTTTTTTACACACAAATATTACCGGGTGGAGATAAAAGGGAAATCAAAGGTAATTATATCAGGAAGATATAACGCATTA CATTTATTGTGTGTAGAAGAAAATCCATTCCTGTTCTAATTATCCAATTTAAACATCTTAGCATAAAACAAATGATGAAT  ${\tt CCGATAATGCTAAAACGCCAGACACCCGAAGTGGCCTTGCGATAATTGGGAAGAACAACCACTTAATTCCACATTC}$ TCTGGAGAAGGATATATCTCTGATCAATATGATTTAGCGCAACACCAACTTCAACAAATTAATGCGTGCCACACGAACAC TACATATACAAATGCAGACTACTCAAAAGTTGTGGCTCAACTTGTAAGTCTTATTACTAACATTGAAACGATAAGTTCGA CGAATCATTGTTATCGCTAATCCTAAACCCGACAAGGCAATCATAACTAAAATTAGCGTAGAAGAGGGGAATACCCATAAC ATTCAGTGTCCAAACCATGTTTTCAGATACTAATTTTATTGCTGAACAACGAGCTGACTTACCAACTAATATAAAAGATA TTCAAAGCCTGTATCAAAAAATGACGAAGTTATATATTGAGCACAGTGAAAATAAAAACAGGATGAAAGTCTTTGCCGGA TCTACTTAATATAAATTTCACTGACGCAAATTTAGGGAAGGTGCGAATAAGCGGGGAAATTCTTCTCGGCTGACTCAGTC ATTTCATTTCTTCATGTTTGAGCCGATTTTTTCTCCCGTAAATGCCTTGAATCAGCCTATTTAGACCGTTTCTTCGCCAT TTAAGGCGTTATCCCCAGTTTTTAGTGAGATCTCTCCCACTGACGTATCATTTGGTCCGCCCGAAACAGGTTGGCCAGCG TGAATAACATCGCCAGTTGGTTATCGTTTTTCAGCAACCCCTTGTATCTGGCTTTCACGAAGCCGAACTGTCGCTTGATG ATGCGAAATGGGTGCTCCACCTGGCCCGGATGCTGGCTTTCATGTATTCGATGTTGATGGCCGTTTTGTTCTTGCGTGG ATGCTGTTTCAAGGTTCTTACCTTGCCGGGGCGCTCGGCGATCAGCCAGTCCACATCCACCTCGGCCAGCTCCTCGCGCT GTGGCGCCCCTTGGTAGCCGGCATCGGCTGAGACAAATTGCTCCTCTCCATGCAGCAGATTACCCAGCTGATTGAGGTCA TGCTCGTTGGCCGCGGTGGTGACCAGGCTGTGGGTCAGGCCACTCTTGGCATCGACACCAATGTGGGCCTTCATGCCAAA AATTGGCGGGCCAGTTGATGCTCCAGCAGGTGGCGGAAATTCATGATGGTGGTGCGGTCCGGCAAGGCGCTATCCAG GGATAACCGGGCAAACAGACGCATGGAGGCGATTTCGTACAGAGCATCTTCCATCGCGCCCATCGCTCAGGTTGTACCAAT GCTGCATGCAGTGAATGCGTAGCATGGTTTCCAGCGGATAAGGTCGCCGGCCATTACCAGCCTTGGGGTAAAACGGCTCG
ATGACTTCCACCATGTTTTGCCATGGCAGAATCTGCTCCATGCGGGACAAGAAATCTCTTTTCTGGTCTGACGGCGCTT ${\tt ACTGCTGAATTCACTGTCGGCGAAGGTAAGTTGATGACTCATGATGAACCCTGTTCTATGGCTCCAGATGACAAACATGA}$ TAAAGATGGACAATATCTTGACAAACAAATCGAAGGTTTATTTTCAACATTATTAACCATTAATGACAACCTTTTACGAG  ${\tt CAAAAGCGGAAATTGCTTCGACAATAATTAAATTTTTAGAGGCCAGGATAACCAATCTTTCATACAATGACATATTAAAA}$ TATCAGCAAGAATTCCAAAGACAATGTTATAAGCAAGTTAAAGCCTTTACGACACTCTCCCGATACAATAAAATTCAAAC ATTTAAAGAGGCCACTGCCTAATGAAAAAGATATAAATTATGGGGTGGAAATAGAAATACCATCTGGTAAAAGAATTCGC TTATCAAATCATTACCAGAATATAATACCATAATATTGATTATTAGCACTTTATAATCATTGAATAAAAAATAGATTTTAT GTACTTTTAAAACAATGCACTATATTATGGGGTGATGGATATTCATGTCACGCCCCAAAATTAACTGAGTTCACCTAAAC AGAAAGGATATAAACATCAGACAGGTTTACGTTACTATCAGGCATATCACCTCAGAATCAGATGAAAACTATAAAGAAAT ATCTATTATGGTTTTAATATTTGTTGATAAGGATAGTAACATGAACATGACAAAAGGTGCACTCATCCTCAGCCTTTCAT GTTCATAACCAGCCGGGTTATATGTTGGTCAACAAGCGCGCTTTGGTGGGAAGGTTATCAACGTTATCAATGGCAAAAC GGATACGTTGTTAGAAATCTCTGTATTACCGTTGGATAGCTATGCGAAGCCTGATATTGAAGCCAACTATCAGGGCCGAC TGCTCGCCAGACAAGCGGCTTCCTTGATCCAGTGAACTATCGTAATCACTTTGTTACCATCCTCGGCACCATTCAGGGT GAACAACCTGGCTTTATCAATAAAGTCCCGTATAACTTCCTGGAAGTGAATATGCAGGGCATCCAGGTGTGGCATTTGAG CTGCATCATGCATTACATCAAATTAATACACAGTAAGCTAACTATTATTATTATAAGCCCTGTCCTGTTAATTACCTTTG GCAAACTGATTATAAAGTTAATGTCCGCACCAGGAGTCGGTTATGTTTCTTATAATTACCAGGGGATACGATGTTCTTCAC CGCGATGAAAAACATTCTGAGTAAAGGTAATGTCGTTCATATACAGAACGAAGAAGAGATCGACGTAATGTTGCATCAGA GTCCATGTCATTATTTTCTCCCCCTTTAATATTAAACGCTGCCTGGGGAAAGTGCCGGTGACCTTTGTTCCGCGGACTAT CACTATCATTGATTTTGTCGCACTCATCAATGGCAGTTACTGCTCTGTGCCTGAAGCGGCTGTGTCACTTTCGCGCAAGC AACATCAGGTTCTGAGCTGCATTGCGAATCAAATGACAACGGAAGATATTCTGGAGAAACTGAAAAATATCGCTAAAAACG TTCTACTGCCATAAACACAATATCATGATGATCCTCAATCTTAAGCGGATCAATGAGCTGGTACGCCATCAGCATATTGA TTATCTGGTGTGAATTTCAGGCTTACGGTGAGTCTGGCTACGCTGCCACACAGATTAGCTAATTGAAACGCCTTTCACCC ACAAGGTCATCACTGAACCATAAATACCCAGTTCGTACATACCGCTGCCAATAACCATACCTATGGCGGCGGTCACCCAG  ${\tt CACCACCTGAGCAGTATACGGCTGGGGTCGAGTCCGACGTGATCTAAAGACAGCACGTCAGCAAAACCATATTTCGAAA}$ CAATCATAAACAGGGCGCTTCCCATGCCAATTAATACATGTGTGCGTAACCCTGCTCCTTTGCCGCGCATTTGCCTTTCC ATGCCAATAGCGCCACAGGCAATTGCCGCGAGTATAAGACGTATAATAAATTCTGCTGTCATATAAAAATGCAAAAAGGA GCAGCAAGATGGCTCAACTTGCTACTCCTTTTTACTTGCACCTCATTAATTCGGCAAGTCATTAGATGCTTGATTTTTGA GTAACGGTATCGCCACCTTTATATACTGTTTCTTCATGCAGCATCCACCATGCAACCGGGGTCATTGCTTTTGGATTCAG ATCAATAAATTCCTGGCAGGTCATATCTTTAGCGGATTCATTGGCTGCCAACGCAGATTGTGCGTTCACCAGTGACAAAG  ${\tt CCGCTACAGCGCCCATAAAAATAAACGCTTTACGGAGAGATGAAATATTCATTTTGTAACCCATTCAATATAGAGATTAT$ ATATGAACAGGAGGAATAGCTGCTTTTAAAGAAGATATTCCGGCCTGTTCAATATGCAAGGAAGTACGATGTAACGCATT  $\tt CCCGGAATTACATATCTTTCTTAATTTTGTCCCATTCGCCTTTAACTTTATCTTTAAAGTTGGCTTGTTTATCCTGAGTA$  ${\tt CAAGCCTGAACGATAGCTGGGGTTACGGTTGCAATACCCTGAACATCTAAAACCGCATCTTCTGGTTTATCTTTGTTGTT}$  $\tt CCGGTTTTTTGTTATCAGCTGCTTTTTGCGCATCCGCTGCATTGCTCACAACTGGCAGAAGAAGCAGACCACCAAGAATA$  ${\tt ACGCCTAATACTTTTTCATCGTAATATCCTCAACTATAAAGTGAAAGAGCCGTCACGAATCAATTTCGACACTGAGGTT$ ATAACCTGGTTTTCTGTATATGTCATGTTGATGGAAAATATCAAAATCAGATATTTTTATTTCAATACAATGAGTTACAG ATGCATCAGATACTGCAATTAGGAAATTTTTATTAAATCGACTGCATTCTTAGACGCGTTTTTTGGCATAGATTGATAGCA TGCTTAAAAAACATCGCAGAGCAATCCAGTTTATTGCCGTGCTGCTGTTTATCGTCGGGTTGCTGTATCAGTTTCCCG TTCGTCTCTGGCGATATTTTAAGCACAGTAGTGGGTGCATTATTAATCTGCTCGGGTATTGCGCTTATTGTCGGGTTATT $\tt CTGATGAGTTGGTATCGTCAGCGTTCAATGAAAGGCAGCTGGCTACAGCTCGTTATTGGTGTGCTGGATATCGTCATTGC$  $\tt CTGGATATTCCTTGGTGCAACGCCGATGGTGTCTGTAACGCTGGTTTCCACACTGGTGGGAATTGAACTGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGGGATATTTAGCGTGATATTTAGCGTGATATTTAGCGTGATATTTAGCGTGATATTTAGCGTGATATTTAGCGTGATATTAGATATTAGCGTGATATTAGATATTAGCGTGATATTAGATAGTGATAGTGATATTAGATAGT$  ${\tt CCGCCAGCCTGTTCAGCTTCGCCAGTTTGTTCGTTAAGCAGCAATAATTACCCCGGTTGTCACCCCGGATCATAGTCACTT}$ GATGTGACTATGATCCGATTAATACTCTCTCCGCTACGCAGTGTTGTAGATCAATTGCGCACTATCATTGAAATAATTAC CTGCTAGTGATTATTTCAACCTACTGAATTTCATCTAATTTTTTTCACTCTATGGCAAATTAGCCATTTCAAACATTATC ATGGCTGATATTTTCCGTAGTCAGGTTTAATGTTTTAAAAGTGCTGTGGGAAAGTGAACAAAGAGTTCCGTAAGCGTTGA TGCTATGGGCGGTTAAATAAGTAATCCGGGTTCATTTTTTTGCAACTGGCGTTGATTACATTGCATAAATATCCGTGTCT TCCAATTGCCAGCTTAAGTCGAAACAAGGAGACTCGATATTTAAATCGGATTACATTTTAACTTTAGTAATATTCTTCAG GATAACAACCAGGAATCTTACTTAGGATCAATATATGGAGTGCGTGATGGATAAATCTGAAGTATTGATTAGTGTTAATA GACGTATTAGTTCACGAAGGGTAAAGTTCTTATAGGCGTTTACTATATTGAACAACGATTCGGACAAGGATGTAAATAAT GAAAAGGATGACATATTCGAAACGATAACGGCTAAGGAGCAAGTTATGATTTTTCTCATGACGAAAGATTCTTTTCTTTT ACAGGGCTTTTGGCAGTTGAAAGATAATCACGAAATGATAAAAATCAATTCCCTGTCAGAGATCAAAAAAGTAGGCAATA AACCCTTCAAGGTTATCATTGATACCTATCACAATCATATCCTTGATGAAGAAGCGATTAAATTTCTGGAGAAATTAGAT AGAAAGTATCAAAAATCTTCTTGAGATTACTTATGGTAAACACTTGCCCCATAAGAATTCACAATTATGTTTTTCACATA ATCAGTTCAAAATTATGCAACTGATTCTGAAAAATAAAAATGAAAGCAATATCACGTCGACGCTCAATATTTCGCAACAA ACATTAAAGATTCAGAAATTCAACATTATGTACAAGCTGAAACTAAGACGTATGAGCGACATCGTCACCCTGGGTATCAC  ${\tt CCGGTGATTACTAAAGGAGGGCTAAAACGACTTTATTCCCCTGGTATGTGTATCCACCAGTAGAACCCTTCGTTGCCCG}$  ${\tt CCACCTTACTGGCTGACAACCCCACTATGCCGCTGGTCTGTAAATCCCTCATATCTCCTCGCGCGCAATTTAAAGAAC}$ CGTTATTTCTCAAGAATTTTCAGGGACTAAAATGAACAGAAGAAGAAGCTGTTAATACCGTTGTTATTCTGCGGCGCGA GGTTCGGTCAATGTGTTGAGCGAATTGCCCGGTAGAACCGTTCCTTATGAAGTTGCCGAGATACGTCCCCAGGTGGGCGG TATTATCATTAAACGCAACTTTATCGAAGGCGATAAAGTGAACCAGGGCGATTCGCTGTATCAGATTGATCCTGCACCTT TACAGGCCGAGCTAAACTCCGCCAAAGGCTCGCTGGCGAAAGCGCTCTCTACCGCCAGCAATGCCCGCATCACCTTTAAC AGCCAATGTCACCGTCGCCAAAGCGGCTGTTGAACAGGCGACGATCAATCTGCAATACGCGAATGTCACCTCGCCGATTA AATCAAACAGGTTCAGGGCAGTACGCCAGTACAGCTCAATCTGGAAAATGGTAAACGCTACAGCCAGACCGGCACGCTGA AATTCTCCGACCCGACAGTGGATGAAACCACGGGCTCCGTGACGTTACGGGCGATTTTCCCCAACCCAAATGGTGACTTG  ${\tt AAGCCATCGGCGACCAGTGGGTCACCTCTGGCTTGCAGGCTGGCGATCGGTTACCGTTTCCGGTTTGCAACGCATT}$ TAAGGGGACTTTCATGGCTAACTATTTTATTGATCGCCCGGTTTTTTGCCTGGGTACTTGCCATTATTATGATGCTTGCAG GTGGTCTGGCGATCATGAACTTACCGGTTGCGCAGTATCCGCAGATTGCGCCACCGACCATTACCGTCAGCGCTACCTAT GTACATGTCTTCAACCAGTGATGCGGCGGGCAATGCCTCTATCACTCTGACCTTCGAGACTGGGACATCTCCTGATATCG  ${\tt CACAGGTTCAAGTGCAAAATAAACTGCAACTCGCTATGCCTTCATTACCTGAAGCAGTGCAGCAGCAGGGGGATTAGCGTC}$ GATAAGTCGAGCAGTAATATCCTGATGGTAGCGGCGTTTATTTCTGATAACGGCAGCCTCAACCAGTACGATATCGCGGA CTATGTAGCGTCTAATATCAAAGACCCGCTAAGCCGTACCGCGGGCGTTGGTAGCGTACAACTCTTTGGTTCCGAGTATG  $\tt CAAAACAACCAGATTTCCGGTGGTCAACTGGGTGGCATGCCACAGGCGGCAGACCAGCTAAACGCCTCGATCATTGT$ GCAGACGCGTCTGCAAACGCCGGAAGAATTTGGCAAAATCCTGTTGAAAGTTCAGCAAGATGGTTCGCAAGTGCTGCTGC GTGATGTCGCTCGCGTCGAACTTGGGGCGGAAGATTATTCCACCGTGGCACGCTATAACGGCAAACCTGCTGCCGGGATC GCCATCAAACTGGCTGCCGGAGCAAACGCCCTGGATACCTCGCGGGCAGTCAAAGAGGAACTGAACCGCTTATCAGCCTA TTTCCCGGCAAGTCTGAAGACGGTTTATCCTTACGACACCACGCCGTTTATCGAAATTTCTATTCAGGAAGTTTTCAAAA  A TAAGCTACCGCCGAAGGAAGCGACGCATAAATCGATGGGGCAGATCCAACGTGCGCTGGTCGGTATTGCCGTTGTTCTT ${\tt TCCGCAGTGTTTATGCCGATGGCCTTTATGAGCGGTGCAACCGGGGGAGATCTACCGCCAGTTCTCCATCACGCTGATCTC}$ CTCCATGCTGCTTTCAGTATTTGTGGCAATGAGCCTGACCCTGCCCTGTGCGCCACCATTCTGAAAGCCGCGCGGAAG CGCTCGCTGTTGCGTTGTACCGGTCGCTACATGGTGGTCTACCTGCTGATTTGCGCCGGGATGGCGGTGCTGTTCCTGCG TTAACACCACGAAAGTGCTGCAACAGGTGACGGATTATTATCTGACTAAAGAGAAAGATAATGTCCAGTCGGTGTTTACC GTTGGCGGCTTTGGCTTCAGCGGTCAGGGGCAAAACAACGGCCTGGCGTTTATCAGTCTCAAGCCGTGGTCTGAACGTGT CGGTGAGGAAAACTCGGTTACCGCGATCATTCAGCGGGCAATGATTGCGTTAAGCAGTATCAATAAAGCCGTCGTCTTCC GAACGCCTGGAAGATACGCCGATGTTCAAAGTGAACGTCAACGCTGCGAAAGCTGAAGCGATGGGCGTGGCGCTGTCTG ATATCAACCAGACAATTTCCACCGCCTTCGGCAGCAGCTACGTGAACGACTTCCTCAACCAGGGGCGGGTGAAAAAAGTG TATGTCCAGGCAGGCACGCCGTTCCGTATGTTGCCGGATAACATCAACCAATGGTATGTACGCAACGCCTCTGGCACGAT GGCACCGCTTTCTGCCTACTCGTCTACCGAATGGACCTATGGTTCACCGCGACTGGAACGCTACAACGGCATCCCGTCAA TGGAGATTTTAGGTGAAGCGGCGGCCGGGAAAAGTACCGGTGACGCCATGAAATTTATGGCAGACCTGGTCGCTAAACTT  ${\tt CCGGCAGGCGTCGGCTACTCATGGACCGGACTATCGTATCAGGAAGCGTTATCCTCAAATCAGGCTCCTGCGCTGTATGC}$ AACGCCGATAGAGGCAATCATCGAAGCGGCGCGGATGCGTTTACGCCCAATCCTGATGACCTCTCTGGCCTTTATTCTCG TTTGCCGCAACAGTGCTGGCAATTTACTTCGTTCCGGTCTTTTTCGTTGTAGTGGAACATCTCTTTTGCCCGCTTTAAAAA AGCGTAACGTGTAAATGAGAGTAAGGTTGAACATGAAGGTTCAGCCTTACTCTTTCCTGCTAACCATTCACCACTCAACA ACCAGCTAACCGTCAGGAATACCAGGCTTAGTACACAGCACTGAAAGTAGAAACCACTCCAGCCATTCGTCATCAATTTG AACAACAATACTGACCCACATTCCCGTAATCGTATGAATTGTCAGCTTAATAATCCCAAACATGCCGAGTCTTTTCCT  $\tt CCTGAAAATACCGCTGGCAAACTGCGAAAGAGAACTAGCCGGTAGCCCGGCAGAAATCATCAGGGAAGAGTTT$  $\tt
CACATGAAGCAGGTGTGAGATCCTGACCAATATTCAAATGCGAAATATGTCAGGAAAAGGTACCTGGCGAATGTTGCGCAATGTTGCAGAATGTTGCAATGTTGCAATGTTGCAATGTTGCAATGTTGCAATGTTGCAATGTTGCAATGTTGCAATGTTGCAATGTTGCAATGTTGCAATGTTGCAATGTTGCAATGTTAATGTTGAATGTTGCAATGTTAATGTTGAATGTTGAATGTTGAATGTTGAATGTTAATGTTAATGTTGAATGTTAATGT$  ${\tt AACTGATGTGCGTTACACCATAATATTGTCGAAATGTGTTTATAAAGTACGATGTACTGCTATAGCCACATTTTTCCGC}$ AATAGTATGCAGAGGAATTTGACGTAACTCGAGTAATCGTCTGGCCATCGACATCCTGGAGGCGAGTAATATTTTACTGA AACAGGTATTTTCATCCTGCAACTTTTTTTTGATTAGACTCTCGCTGGTATACATTCTTTCCGCGATATCGCGCAGATAC CCTAAATTGCGTGGTAGCTGACGAATATTTTGTAAGTAATGGCAAACTGTCAGCTCATCGATATCCAGTCGTCGCGTATC  $\tt CGGTGAACAAAACGCAAAATCGTCTGCCAAATTTTTCTCCAGCAGCAGAATACTCTCGTTATGCAGCGATATTTTTTTGCT$  $\tt GTTCATGATAAATATCGAATGAACGACGAATGAGGATCACCGAGCAGACATGAGTCATGATTATCCCTTATATTTCATAC$ TGCGATTATTTCAGTATACTAATGAAATGATGCCAGACTGTTTCTTAGCGCAAAAACTGCCAGATTTGGTAGGA CGTATAGCTTATGTTTATAAAAAAAATGGCTGATCTTATTTCCAGTAAAAGTTATATTTAACTTACTGAGAGCACAAAGTT TCCCGTGCCAACAGGGAGTGTTATAACGGTTTATTAGTCTGGAGACGAGACTATCCTCTTCCCGGTCCCCTATGCCGG ACAATACTTGCCGCCGAGTCACGGTTCGACAATCTCTGCGCCGATCGCTCCTGATACTCTGTGGGCGTCATCCCATAATA ATTTCGAAAGACGTAAATGAAATACGACACGCTGTGATATCCACAGGATACTGCAACTCGCTTAATTGAAAAACCATGTA TAACAATAAGTTGCAAAGCACGTTGCATTCTACACTCAGTAAGCAACTGTGAATATGATGTCTCTTCTTCGCGCAATTTT TTCTTTAACAGACTTGGACTCATCAACAGCTCGCTGGCGATTCGGGCTAGTGTCCACTCATGGGCGATATTATTATTGAT AACCGTACAAACTCGTGTTCGCATGTTCGGTTGTAAAACGTTCAGAAGCAGCGGTATAAAGTGCTCATCCTCAAGAAAAA ACTTCCTGAAAAACAGGAATATCTCTACTACAGTGATGAACGAGTAATGAAGAAACTTTTTTATGTGCATGAAGATTTAA TGCCTCCTCGTGAGCATCGGGAGAATAATGAAAGCGTGTCCCTTGACACGAATACAAAATTTTCAACACACTTATCTA  $\tt CTCGAATTTGGCTTGCATCCGCAAAAACCAGGTCACCGCCATTAAAATAGCGATATTCACCATTAACCATGGTGAGAATATCACCATTGGTGAGAATATCACCATTGGTGAGAATATCACCATTGGTGAGAATATCACCATTGGTGAGAATATCACCATTGGTGAGAATATCACCATTGGTGAGAATATCACCATTGGTGAGAATATCACCATTGGTGAGAATATCACCATTGGTGAGAATATCACCATTGGTGAGAATATCACCATTGGTGAGAATATCACCATTGACATTGACCATTGACATTGACCATTGACATTGACCATTGACATTGACCATTGACATTACATTGACATTACATTGACATTACATTACATTGACATTGACATTACATTACATTACATTA$ TATTTATGTCTTGCATACGCAATTAGACAATTCCCATGTAGTGATTGCATAGTTGACTTAATATTACATAAACATATTAC TAATGTGTGATGTTCTACGGGCAGGATGACTGGATTTATAATACAAAAACGTGTTTAAGAACACAGGGAAATTAATAGTA AGCAAATAATCCCTTTTCGTGACATTAAAGGTAATCGCTACATTTAATAAACATTCATATAACATATATCTTATCAACAC GATGAATAGACAGCCAATATATTATTGCGATTAATAAGCAACCGAATGCCCAGCTGTTTTTTTAAAGGCTGGGCATTCGG TTTTTACAACGTTATCTTATCAGGTGTGTTTAAAGCTGTTCTGCTGGGCAATACCCTGCAGTTTCGGGTGATCGCTGAGA TATTTCAGGGAGGCTTTGTAGTCTTCCAGCAACAGTTCAGCAAAGTCCATTTCGAAGCCGCGACGACACATAATGCGCAT CGTACAGGGTGTATCCCGGATCTTCACCATCTTTCAGTTTGAAGCAAACCGCCGGGATGCCTTCGTCCGGGCGACCCGTA  $\tt CAGATGAACTCATACGGCCCCAGTTTGGCGATTTCATCCGCCAGATAAGCGGCAACCTGGTAAGAGGCGTTCTGTACTTT$  $\tt CCAGACGATATCCGGGGCGACGAACGGTGCCAGGAAGCCACCGCTGGCAGCGTCGATGTCGATGTCGATGTCGATACCGG$ TGTCGGCCTGGAATTTATCCAGCGCATCGTGCAGCGGTTGTGGGAACTCATAGTTACCGGTGTAGGTCACGCCGAAAGTC GGCACCACGCCGATGGTGTTTTCGTCACAGGCTTCAATCATGCGTTTCGGGTCCATAAACAACTGACCGGGGCGCATAGG GATCTCACGCAGCTCCACATCCCAGTAGCGGGCGAATTTATGCCAGCAGATTTGTACCGGACCGCACACCAGGTTTGGTT TATCCGTTGGTTTGCCTGCAGCTTCCATACGCTTGCGCCAACGCCATTTCATCGCCATCCCGCCGAGCATACAGGCCTCG GAAGAACCAATGGTGTTGGTGCCAACGGCCTGACCATTTTTCGGCGCAGGCGCATGCCACAGATCGGCAACCATATTTAC  $\tt GCAACGCAGGTCGATGGCTGCGGATTGCGGATATTCTTCTTTGTCGATCCAGTTTTTATTGATCGACAAATCCATCAATT$ TATGGACGTTTTCGTCGTCCCAGGTCTGGCAGAAAGTGGCCAGGTTCTGACGAGCGTTGCCATCAAGATATAATTCATCA TTGATAATCTGAAATGCGACATCATCGCGCATTTCGTGCAGCGGAAATCGTTTTGACTCCGCGATAGTAGAAATGGCCTT TGCGCCAAAACGTGAATCGAGTAGTTCTGAGCGGAAATCCGTTAACAGCTTCTGGTCCATTTCGAACTCCTTAAATTTAT TTGAAGGCAATAAAAAGTAGGATTTATCCGCAATGGAAGCAAGGCATTACAGGCTTAATTTAAATAACAAAATCCTAAG CAGAAAAACGACTTTTTATAATATAAACATTTAACATGATAATATTAAAAAACAGACTTTATTATCGTAATAAAAATCGCC CAAACATTGCTGTTCGGGCGATCAAATTAATTATTGTTTATCCTGCATATACGGCGTGTACACCCCCGTTCAGACTGTGCA GGAAAGCTACGATATCATCCACATCCTCCTGCGGCAGCTCTTTGCCTACCTGATAGCGCAGCATCAGTTTCACCGCCCCG TCCAGCGTCGGCACGTCACCGCGATGGAAGTACGGTGCCGTTAAAGCAACGTTACGTAAACCGGGTACTTTCTGACGCAA TTTATCACGCTCTTCTTTAGTCACATTCATACGACCAATATCCGCCGCCGTAATTTCCCCAAAGTTAAAGTCTTTTTTCA GCCCCAACGGTTCAAAGGAACGTCCGCCGAGAATAATACCACCATGACAAGTTGCACATTTATTATCTTTAAATAATTGA TAGCCTTTTTTCTGTTGCGCCGTCAGCGCATTTTCATCTCCGCGCAACCATTTATCAAATGGGGAATCCGGCGTAATTAA TGTTTTCTCAAATTCAGCAATGGCATCAGTAATATTTTCGCCACTGAAACCTTGCGGATAGACTTCGAGGAACTGCGTTT TAAGCTGCGGATCTTTTCCAGCTTAGCAATAATTTCGTCCCAGGATTTCGACGCCATTTCAATCGGGTTCAACGGCGGT CGCGTTAATCGCCCAACTGCGCCACCAACACCAATCGATGTTTTTCTGCCATCGACGCCCCCCGCATTCAACGCATGGC AATGAGCGCATGAAATGGTGCTATCAGCCGATAAACGGGGATCGTGATACAGCGCAAAACCCAACGCCACTTTTTGCGCA  ${\tt TCGGTAGGCAGTTTTTGCGGGATGGCCTGCACCGGTTCATTGCGATGTTCCGGAGCAGTATCATTGCTGGCGTAATATTC}$  ${\tt AACGCGTTGGTGGCATAGTTTCATACTGCATCACCCATTCAATCTTATTCAAATCGCTTTGCGAAACGGGTTTATCAGCC}$ AGCAGTGCCGCACGCCTCAAGGTTAAAAGATTTATATCCAAGCTTAATGTCGTAATCCATCAACTGTTTCGCGCC AGGAATATAATAATAGCCGGGTAATTCTGCCGAAGGCGTGTGGCAATAGTCGCATCCTTTTTCGCGGAGAAAGCCTAAAA GATAACCCTAAATAGCAAATCGCGACGCCAGCCAGCCGATCGCGGTAATACGTGAGACCATTTTCATTATTCTTCCCTC ACGGTGGTGAGTTATTGTGACCCAGAAAATTTTCCAGAATGCTGCAAACGTCTCTGCGAGACAAAGCCATCATAAAAAAC AGGGAGATACGCTTTTTGATAGGAATCAATCAATTACATGAATATAAACTATCAATAAGATAGCCTGTGCCTATTACCCA GATCAGGAATGGCATATCATGATTGCGGCGAGAGCAGGATTGAATGTTCTGAAAAATGAAAAACACCCAAATCGGTATT TTTATAAATTCCATTGATATTAGTGCGTTATATTTTTTGACAGGTTAATAAACGTGATCCACCGCACGCTTTGTCGCCCA  $\tt CCAGGCGGAGCGAATGACTACCCTTAAAGAAAAGCCGATAATTAGCGACGAATTTCGGAGGTTGGATCCTTATGCTCAAT$ CAGAAAATTCAAAACCCTAATCCAGACGAACTGATGATCGAAGTCGATCTCTGCTATGAGCTGGACCCGTATGAATTAAAATCGCTATCTCGAACTGTTCGAGCATGTTCAGTCGGCGAAAATTTTCCCCGACAGTAAAACCTTTCCCGACTGCGCACCT AAAATGGACCCGCTGGATATCTTAATCCGCTACCGTAAAGTGCGCCGTCATCGTGATTTTTGACTTGCGCAAGTTTGTTGA AGCTGTGGCCGGTGCTAACCCGCGAACCACAGGATCACATTCCGTGGTCTTCTCTGCTGGCGCTGCCGCAGTCATATATT GTCCCGGGCGGCCGTTTTAGCGAAACCTACTATTGGGATTCCTATTTCACCATGCTGGGGCTGGCGGAAAGTGGTCGGGA AGATTTGCTGAAATGCATGGCCGATAACTTCGCCTGGATGATCGAAAACTACGGTCACATCCCCAACGGCAACCGCACCT ATTATTTGAGCCGCTCGCAACCACCGGTTTTTGCGCTGATGGTGGAGTTGTTTGAAGAAGATGGTGTACGCGGTGCGCGC GGTTGGGATTACTCTCCCGTTGGCTGATACTGGTCGTCGTCGGCGAGCATTCGTACCACCCAGTTCATCCCCATCGA TGTTCCGCCAGAAAGCCAGTGCCCGTCGCGATGCGGTAAACCGTTACCTCTGGGATGATGAAAACGGCATCTACCGCGAT TACGACTGGCGACGCGAACAACTGGCGCTGTTTTCCGCTGCCGCCATTGTGCCACTCTATGTCGGTATGGCGAACCATGA  $\mathtt{CTTCTGGGTGATGAAATCGCGCGAAGCTGGCTGAAGACGGTGAATCAGTTCTATCTGGAACAGCACAAACTGATCGAAAA$ ATACCATATTGCCGATGGTGTTCCCCGCGAAGGCGGCGGTGGCGAGTATCCGTTGCAGGATGGGTTTGGCTGGACTAACG TGGTTAAAATCTCCCGCTGGCGGGCGCTTAACGATTTGAGATCTTTAATGTCCTTTTCCGGCGTCGTCCGCCAGTCTCCA GGCAGAAACATCATCCCCATCGCCGCACTATTTACCGCCAACGCAAATGTCTCGACGGTTGAATCACGAGGCACAATGGC CAGCACATTAAAATGGATAACTTCCTGTAACCACCGTTTATTGCAATCCGTCGCCGTAATTAACACCTTAACCTCAGGAA ATTGCACCACGGTTTTTTGCAGCAACCAGTAGCAAAACTCACCATCCTGATCGCCATCGAGCATAACTAAGGCTTCAGGG
GATTTTCATTCCATGAATAAATATTGACTGCCTGTCAAACATGACTATTTGCATAACTGAATCTCCACCTGAATACGTTA AAAAGACTTAAGTAGTGGAAGGGTATTACCCGCGAGAAAAAATAAGAATTCGCCATTTGGCGGTGGCCATTCTACAGAGA TGACGTGTAGAAAATAGTTACCGATATAAATAGTTACAGCTAAACGCCTGAAATTACATGTCGAGGGCACTATTTAAAAC AATTTTGAGGATTTCCTTATATTGGTGGTTAGTACGCATGCAATTAAAAATGAAATTCCGCGACCACAAGCCAAAATAAC AAACGGCAAGGAGACAAAAATAAGCACAAATAGCCAACACGTCCTCTGTTCACTTTAAAGGGAATCGCTGAAAAATACGC TCTGTTTAAGGGGATTCACCTTTCTCAGAAAGCTATTCCGCCCTTTTCCTGCTGAGAAATCGCCACATTCGGCATGACAA CATTGTGAAACCCGGCATTAGATGTTAGAAAAAAACAATAAACAATGCGATATGCGCGTTACTGTTTCGCTGTGAACAACA ATCGGTCAAAGAAATGGATAAAATTCACGCAATGCAGTTGTTCATCAAAGTCGCGGAGCTGGAAAGTTTTTCCCGCGCAG  $\tt CGGATTTCTTTGCTTTGCCAAAGGGAAGTGTTTCGCGCCAGATACAGGCACTGGAACATCAACTTGGCACCCAGCTTCTC$  $\tt CAGCGCACCACGGCGACGGGTCAAACTCACGCCAGAAGGCATGACCTATTATCAACGAGCAAAAGATGTGTTGAGTAATCT$ CAGCGAACTGGACGGTCTGTTTCAACAGGATGCCACCAGTATCAGCGGTAAATTACGCATCGACATCCCGCCAGGAATCG  ${\tt CGAAAAGCCTGTTACTGCCGCGCCTGTCGGAATTTCTCTATCTGCATCCGGGAATTGAGCTGGAACTGAGTAGCCATGAC}$ TCCCCTCGGCAAACTGACCATGGTCAACTGTGCCAGTCCGCACTATCTGACGCGCTTTTGGTTATCCGCAAAGCCCCGATG ATCTGACTTCACACGCAATAGTGCGTTATACACCGCACCTGGGTGTACATCCGTTAGGTTTTGAGGTTGCCAGCGTTAAT GGCGTCCAGTGGTTTAAGTCTGGCGGCATGTTGACGGTAAACAGTAGCGAAAACTATCTCACCGCCGGTCTTGCCGGTCT  $\operatorname{GGGGATTATTCAGATCCCGCGCATTGCCGTGCGCGAAGCCCTGCGTGCCGGGCGGCTTATTGAAGTATTACCTGGCTACC$ GTGCCGAGCCGCTCTCCCTTTCGCTGGTTTATCCGCAGCGTCGGGAGCTTTCCCGGCGTGTAAACCTGTTTATGCAGTGG  $\tt CTGGCTGGCGTAATGAAAGAGTACCTGGACTGACCGACTATACTTTTTAAGAATGACCACGACAGAAGGACAAAAGAGCG$ GATGACGCAGGAAAACGAGATCAAACGTCCCATCCAGGATCTGGAGCACGAGCCGATTAAGCCGTTGGATAATAGCGAGA  $\tt CTGATTCGCGCGACAGAACGCTTTAACGATCGGCTGGGTAACCAGTTTGGTGCGGCTATCACCTATTTCTCATTTTTGTC$ TCGACAAAATTCTGCAAAACATCAGCGATCCGACGCTAGCCGCCACGTTGAAAAACACCATCAACACCGCCGTTCAGCAG TCGTGCCCAGTCGCCGCATGTCTGGGAACGCTCGCCGCAAGATCAGGAGAAGTTCTGGGTAAAATATCTGCGAGATTTTA TTTCGCTGATTGGTTTGTTGATTGCGCTGATTGTGACGCTTTCGATCACCTCGGTTGCCGGTTCGGCCGCAGCAAATGATT TTCTGGCTGCTATTGGTTTTGAAGTGATTAAAATCGTGATGACCTACACCCTGCCATCGTTGATGAAATCCCCCTCTGGC TGCCACCGCGAATATAAAGACGACCCGCGAATGCCGGGGAAAACGCAGCCTTAAAATAGGCCGGATGCGGCGTAAACGC CTTATCCGGCATACGATTTTATTCGGCCTGGCTCCCCGTAGGCCGGATAAGATGCGCCAGCATCGCATCCGGCTATAATG CGCACATAACCTCTTGAAACTCGTCCCCAGAGCCTCTTCAGCCATCTATTTGGGAGCAAACAATTTCATTCCAACTCATA ACCCCAGCATATAAATCCAGTTGGTAACTTTTATTTAACCTGAAACCAGTTTTATCCACTATTTATAAAATTATGTGAAG  $\tt CTACGGCAGCAACGCTACAGTCGCCACCTTCGCCATCGCCTTCGTCGCGCGCCCCCATTGGCTCTGCCGTTTTTTGGT$  ${\tt TAGGCGGTGAATGGGGCGCGCGCGCTGCTGCGCGACTGAAAACGCCCCACCGCGCAAACGTGCACTGTATGGCTCCTTT}$ GTTTATGAGCTGGGGCTGTGCCATTTATCTTCTCGGCGGTGCTGGTCATTATCGGCCTGTATGTTCGCGTGTCGC TGCATGAGTCGCCGGTGTTTGAGAAAGTCGCTAAAGCGAAAAAACAGGTGAAGATCCCGCTGGGTACGCTGACCAAA  $\tt CATGTTCGCGTAACCGTACTGGGTACGTTCATTATGCTGGCAACCTATACGCTGTTTTACATCATGACGGTCTACTCTAT$ GACCTTTAGTACCGCCGCCGCCAGTTGGGCTTGGCCTGCCGCGTAACGAAGTGTTGTGGATGTTGATGATGGCAGTTA TTGGTTTTGGCGTGATGGTGCCAGTCGCTGATTACTGGCTGATGCCTTTGGTCGCCGTAAAAGCATGGTAATCATCACC GCTGCTGGGGTTAAGTCTGATGGGTCTGACCTTCGGGCCAATGGGTGCGCTGTTACCAGAGCTGTTTCCGACAGAAGTGC GTTACACCGGAGCATCGTTCTCTTACAACGTAGCGTCGATTCTCGGGGGCTTCCGTTGCGCCATATATCGCAGCCTGGTTG  ${\tt CCATGAGACGCGACATCAGTCGTTGTAATAAGAGTGAAAAGCCTGATGCGCTACGCTTATCAGGCCTGAATTTCCATACA}$ ATATATTGAATTCGCAAGGATTTGTAGGCCGGATAAGGCGTTCACGCCGCATCCGGCATGAACAAAGCACACTTTGCCAA CAATCTAAATCTGTTTAATTGCCGGATGTCAGACATCCGGCAATTATCATCACTTCTTCATCTGCGACAAAATCGTCCGA AGCAACAGCACCACGGGCAATCAGCGGTCCGGCTTTCACCCCAGCCTGCGGATTTTTAAACGTCCCCCGCACATACAGCG GCGAACGCAGTGTGATAATCCGAATTCCTTTACTCTCCGGATCAATAGTCAAATCCAGCTGTTCCGAAGCAAAACTTGCC ATTCGCCGCCGCGCAGTTCACCCGCACCTCATCACCAAATATCGCACCGACATGTAGTTGCCGACATTCAGCCCAA GCCACCGAGTTACCGCTACCGCGTAGTTCCGCGTCACCGTTCATTTCCCCCAGCGTCTTCTGCATCAGTTCCACATCGGG  TATTCGCCGCAATGCTGCCGCCCCCCCATGCCAAATTTCAGCGGTTGCAGGCGCAGGTCAGCATTTTTTGAGGATGATATGA GTAGAAAGATCGCTAATCGGCAGGCTACTGCCATGCTCAATGCGCCCCCTTTGAAGCGAACATCGGCATCCATAACGTC ACCGTTTCGACTTTTCTGCCCCTTTCCCGGAATCAACGCCAATCAACGGTCCCAGGTCCGCCAGCCGCAATTGCCGCGAC  ${\tt TCGACATCACCTTCCAGTTTTGGTCGTGGCTTTCCGGTGGTGTAGACCAGAGAACCGTGGATATCGCTATCACCAATTCACCAATTCGCTATCACCAATTCGCTATCACCAATTCGCTATCACCAATTCGCTATCACCAATTCACCAATTCGCTATCACCAATTCGCTATCACCAATTCGCTATCACCAATTCGCTATCACCAATTCACCAATTCGCTATCACCAATTCGCTATCACCAATTCGCTATCACCAATTCGCTATCACCAATTCACCAATTCGCTATCACCAATTCGCTATCACCAATTCGCTATCACAATTCGCTATCACAATTCGCTATCAATTCACCAATTCAATTCA$ GCGGGGTATCGGGCAGCAGAACGCCCGTCAGTTCATAGAGATCACCCAGTGAATCGCCAGAAAATTTAAGCCGTAAATCG GTCCCTGCGCCTTCAGGCCAAAAACGTAATCGCCCACCTTTTCTTTATCCGCTTTACCTTTCGATCCAGTAACTTCGCTG TTGATCGAAAAGAATATTATCCAGCCGAAACGACCATGCCGACGCCTTTGCATTCGCGTCTTTGTTATCATCGTTGGCAA GATTAAACGTCCAGTTATTGTTCTTTTCAGAGAGGCGAATCAGGCGCGCGTCGGGCTTTTCGAGCTTGATCCACGGCAGC TTTGCCGCTCCCACACCACCACGATCGCCACGGATAGCGAACGGACGATTCAACTCCGCAGAGACTTTCTGGTTGATA GTCGGTTTGAGTCGATTCCAGTCAAAAGTTGCAATCAAAATGATCGCCACGACAATCAACAACAAGAAAGCCCCTGAAAT  ${\tt CGCAGCGGTTATTTTGCCTGCCTTGCTCATCGTTCGCTTCCTCATATTCTTCCTGTGCCAGTCCTAAAGATAGTCCAGCC}$ ACAATAGCGATTCATTAGATGTAAAAGCTGAGAAAAGAGTGTGCGTCCTTCCGGCGACTGACGCAGCATCACAAACAGTT CTCGCGCGATTTTGATGTAGTCATAACGCACTTCACTTAGCGCAGAGAAATTTGCCATCCCGGTACCAAAATCATCCAGC TGGCTGACGGTGATTTCAGTAAAATAGCGATCCGGCGGCAGGCGTTGCGAAGGGTTCAAGGGATGCGTGACCACCGTTAA TAGCTCCACGGCCATTAACCGCCCGCATGTTTGATAGATCGGCTGCCAGGTGTAAGCACGCTCACACTGCAACCAAAAAC GCCGTTCCTGCAAGCTCTCGATGCTTCAGGGTTGCTTATTCGCTGGATAACCTGCCTTATCATCAAAGATGTCCTG TGTTTAAAAGTGATGCCCGGACTCGACAAAGATTATCGGCGCGTAAGGGCAGAACTTTACCGCCTGGCCGGGGTAAA TTTCCTCACTCCACACGGAATCTTTCAGGAATACGTTCTGGCTCAAAAAAATAATGGAACACTGTTTTAATATGGTTGA  ${\tt CCAGCAAACCACCACCACGCGCAAACTAACGCTAATTTTTTACAGATCAGGTTCACGACTATGTCCAAAAAGATTGCCGTGA}$ TTGGCGAATGCATGATTTGAGCTTTCCGAGAAAGGCGCGGACGTTAAGCGCGGGTTTCGGCGGCGATACCCTGAACACTTCC GTCTATATCGCCCGTCAGGTCGATCCTGCGGCATTAACCGTTCATTACCGTAACGGCGCTGGGAACGGACAGTTTTAGCCA GCAGATGCTGGACGCCTGGCACGGCGAGAACGTTGATACTTCCCTGACCCAACGGATGGAAAACCGTCTGCCGGGCCTTT  ${\tt AGTGAGCAGTCTGCGGCGATTTGCGAAGAGCTGGCGAATTTCGATTATCTCTACCTGAGCGGGATTAGCCTGGCGATCTT}$ AAGCCCGACCAGCCGCAAAAGCTGCTTTCCCTGCTGCGCGAATGCCGCGCCAACGGCGGAAAAGTGATTTTCGACAATA  ${\tt ACTATCGTCCGCCCTGTGGGCCAGCAAGGAGGAGACACGCAGGTGTACCAACAAATGCTGGAATGCACGGATATCGCC}$ TTCCTGACGCTGGACGACGAGACGCCCTGTGGGGTCAACAGCCGGTGGAAGACGTCATTGCGCGCACCCATAACGCGGG  $\tt CGTGAAAGAAGTGGTGGTGAAACGCGGGGCGGATTCTTGCCTGGTGTCCATTGCTGGCGAAGGGTTAGTGGATGTTCCGG$  $\tt CGGTGAAACTGCCGAAAGAAAAAGTGATCGATACCACCGCAGCTGGCGACTCTTTCAGTGCCGGTTATCTGGCGGTACGT$ TATCCCGCGTGAGGCGATGCCAGCGTAAACGCAGCATATGCAAAAGGCTGGATAAAGTGTTACCCCTCTATCCAGCTCAT  ${\tt CCATAAATACCTGATGGTTGTGCTAACTCATCACCATCAGGCATTACTGTGCAGGTGGAATATCCGTCACTTCAGGATGT}$  ${\tt ACGTCATCCGTGGCGACAGAGGTGGTCGCAGCGGCGGTAGATGGGGCCATGATTTGATCCCAGACCGCCTGCAACGCTTT}$ TTAACATCTCTACCGTCAGGCTATTAAGGAAATCCTGCCGCAGTTTCTGATATTGCTCCGGCGCGATATCGACAACCTGA  GGTCCTGACGCACCGCGTCAGTCATAATACTCACCGCTTCCGCACGCGGAGAAAGCGTCGGCACCGGAGCTGGCGTT TCACGTTTGCCTTTCAGTTCGCCAAACGTTTTGTTTATTTGGTCGACAACCGAGCGCGCATCCACGTTTCCCACCACCAG TAGCGTCATTGCATCCGGGGTGTACCATTTCTGATAGAAATCTTTAATTTTTTCCGCTTCAACGGGTTGTTTCAGCGGAT  ${\tt CGGCAGGATCGTGACCTAACAAGGTTGACCCTTTCAGACGATAGCGCCACCAGCCCTCTTTAGTATCGGCAGGCCAGGTT}$ GCCACCATGTCCTGACTTTGCAGCGCGTGGTTGATGGTTTCTGGTGTGATGGTCAATTTGCCAGTGGCATTTGCCAGATA AGAGAGCGCTTCTTTCAGCAAATCGTTACGGTTATTGGGCAAACTCAGATTAAACAGCGTGGTGTCATAAGAGACAATTA  $\tt CCGGCGGCATCGGGCGTTTAGGGTCGATCCCCTGCTGCCACAATGAACGCGCCTGTGCTGCGTCAAGGCCACCGCTTTGC$  $\tt GCGAATTTCAACACGATCGCTGGGACGCTGGGGGGGTGGTCAGCACTTGCCACTGTAAACCGTTGGAAAGCGTCCCCTGTT$ CGAATTTTTGTGCCCTGCATGTGAACCCCTGATCAACTATCCTGGTAATAAAAAAACTGCCCGTTGTCGGTCAGTCTAAA TGACGTTAAAAACACTTCGTGTTAGACCGCAAGAACATGAAAATGTCACGGAAGAAGTGAAATAAACCTGAACTCACCCA GGTGGTAAGTTCAGGCACAGGGGTCAATTATGCGCAAACACCCGCACTCGGGGAAGGGAGTGCGGGCATAAGTGATGAGA TTAAGAGGATAATTCGTGCGTTTTGCCATCCGGCGCACGATTATTCAGCACATCGTCCAGTTTTTTGTGGTCCAGTTCTT TCACCCACTTAGCAACGACAATGGTCGCTACGCCGTTACCGACCAGGTTAGTCAGCGCACGAGCTTCTGACATAAAGCGG  ${\tt TCGATACCGAGGATCAGCGCCAGACCCGCTACCGGCAAATGGCCCACCGCAGAGAGCGTCGCCGCCAGCAGGATAAAGCC}$  ${\tt ACTACCCGTTACCCCTGCCGCCCCTTTAGAAGAAGCAGCAACACGATTAACAGCGTGATTTGGTGGACGATATCCATCT}$ GACTGTTAGTGGCCTGGGCGATAAACACCGCCGCCATTGTCAGGTATATCGATGTGCCATCAAGGTTAAACGAGTAGCCT GTCGGGATGACCAGCCCCACCACCACTATTACGGCAGCCGAGTTTCTCCATCTTGTCGAGCATACGCGGCAGCGCCGACTC GGAAGATGAAGTCCCCAGTACAATCAGCAGTTCTTCACGGATGTAGCGGATAAATTTGAAGATACTGAAACCAGTCGCTT TAGCGATTGAACCCAATACCAGCACCACAAACAGGATACAGGTAATGTAGAAACAGATAATCAGCTGCCCCAGTTGCACC AGTGTGCCGACGCCGTATTTACCGATGGTAAACGCCATTGCCCCGAACGCACCAATAGGTGCCAGACGCATGATCATATT GATGATGCCGAAGATGACCTGCGAGAAACTTTCGATGACGTTAAAAATCAGTTGGCCTTTGCTGCCCAGACGGTGGAGCG
ACATCCATAATGAAGGCGACAATGCCCTGGTCTTTCGCCTGATCGGCGTAAACCGCTACCGCTTTCGCATCAAGCGTTGC  $\tt CGGATCGACGTTCATTCCGGCACCAGGCTGCACGACGTTAACGATGATAAGACCAATAATCAGCGCGATGGTACTGACAA$ TTTCAAAGTAAAGCAGTGCGACTGCGCCGGTACGACCGCCTTCATGCTTTCCATGCCCGCAATGCCCGTTACGACG GTACAAAAGATGACAGGAGCGATGATCATCTTAATGAGCTTAACGAAGCCGTCGCCAAGCGGTTTCATTTGCTCGCCTAT TTCAGGATAGAAATGGCCAAGGAGAATACCAATGGCTATCGCTGTCAGGACCTGAAAGTAAAGGCTTTTAAACAGAGAGG TTTTCATAGGGTGTCCTTTAGTAAAACCACAGGTCTTGTAAGGTTATGGGGTACCTGCGGCCTTAAAATAACACCCAGAC AACATCACAGAAATGTACCTGGATCATAATTGAAACAAAAAGGTTAAAAAGTTTGAGCTGGCTCGCACAAACCAGCACTT TTTAAAGTTTTGTAATCAGTTTGGGGTAGCTACTTTTCTTCCAGGTAACTCTCTTCGAAGATTTCAATAGGGAGTGGGCG  ${\tt CAATCATTTGTAAGTTCAGGCTCTGCGCCAGCATGATAATTGCAGCAATCATGCTGCTATCTCCCGGCAAGCCTTCAACA}$ AACATTTTGTCGATTTCAGTACGTCGATTGGCAACGATTTCATATGCTGCAGCTGACGCAGCCCTGCGTAGCCCATGCC GTCGGCTTTCTGTCACTTCCAGAATCAGTGTTCCCGGCTGAATGCGATAGCGGGTTAACAGTTCCAGCATATCCGCCACC ATATTCGGGTGCATCAGTTGCAGCGCAGAGAGGGTTTACCGACAAGGGCAGCATAATGCCGCGCTCTTGCCAGGCTGCAAG ACCTGTGGCTGTAACCAAATAGCAAACTGATGATTTTCCAGTGCATTAAGGATATCGCTCTCTTCCGTCAACCGCTTCTG GGCGGCTTCCATCTGCTGCGGATCAAAGAACTGAATCTGATTCTTGCCTTTATGGCGAGCGGTAAATGCCGCAGAAATAG  GTTGGCAATGACAGCAAAGTCATAACCGCTAATCTGCGCGAGGATCATACGTGGCGACAGTACCGATTTGAGTTTTTCCA  $\tt CCAGCGTCAGCAGCAGAATTTCTCGTTGCGCCTCTTTCAGCACGCCCGCAGTATCACGCAGGGTTTCACAGGTGATGATCACGCAGGTCAGCAGGTCAGCAGGTGATGATCACGCAGGTCAGGTGATGATCACGCAGGTCAGGTCAGGTGATGATCACGCAGGTCAG$ ATCAGCGCGGTGGTTTGTTTACGCGCGACAACCTGCTCCAGCATCTCCATCAGCAAGGCTTTGTTCGGCAAATCCGACAC ACATACCGATTTCATCGTCCTGATGCAGACGCGGTAATGCCAGTTGGTGACCAACAAGCTCCTTGGCTGGGATGGCGTTA AGGCGAGTAACCATTACCGGCACCGGCGCTCTGGAATAAAACTTTTACGCAGCGCCTGGAACTGGTTAGGCAGCACTAC ATCGGCACGGCTGACCACGCCTGCCGGTTTAATGCTGGCAAGAATAGCTTCCGCTTCGGGAATATCGCCTTTCAAAATAG TGGAACAGCAAAACGGTGCAAAAAATAAAAACGAACACCAGGACAACGGCTGCCACCATTGCCATCTGCTTGATTGTTAA CGAGCGACTTACGCGCAAATTGTCTCCCCCCGGAAATCCCAGATTGCCGCCCGAGTATACCCGATCGCAGCGGCATTAAG AGAGGCGCTATCTGAAAACTTACCAGTCGGCGTAAGGTATCAGCGGCTGCGGCGGTAAATCCATGTCACCCTGCCATCCG GCGGCGGAATAACGTACGTAGAGCAGGAAATGGCTGGGTGCGTAATCTTTCGCCTGCTGGATATCAATTGCCGTGCCAAC AAACCAGTTGGAAGTAACACGTCGTTCAAGTAATGCCCGCGCCGTGTAGCCGAAGCCCTGACTGCCGCCATCGTTGG TGCGACCACGAGCCAGACCCAGCTCCCACGACCAGTTTTCCGTGCGCTCCCGCCACATCACCGGTATGGCAAACGA TGTTCAGGCCGATTGTGACGCGCGATTGTTCTGGTTAATGACCTTATAGTAATAGCCCGTCATCCAGCGCACGCCCAG TTATCTTCGACATTTTTACCGGTTAACTGGTCGCCACTAAGCGATGCCCAGACGCCGTTTGCTTCACCTTTATCGTAGCT AGGCCAGCAAAGAACTGGAGATGGGCCGACGGTGGGCGTTAACGGTGTAACCCAGCGGCCCGATATCATCGCTGTAACTG ATGCCGCCGACCACATCCACCACGTTGAAGCCCATCGGCGTGGTACCGATATCCCAGCTCCAGACGTCATTTCGCCAGCC GACCGCCACGCTGGCACCGGAATCCGACTGCCGCTTGCCGCTACAGTCCTGTAATGTACAGGTGCCCCAGTTGTCAT GAATACGGCGCATCCACCTGCAACATGGTAGTGTGCGCTTTCAGATCGGAGTAACCACCGGTGCCGCTCGAACCCCAGTA  ${\tt ATCGTGCTCAAGGGTGACGTTAAGATCCTGCTGGCGATAGAGGTCCGCCGCATCGCTGCGCACGCTTTCAGCCAGTTTCAGCCAGTTAGGCGGCACGCTTCAGCCAGTTTCAGCCAGTTGCGCACGCTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTGGCGATAGAGGTCCGCCGCATCGCTGCGCACGCTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTGGCGATAGAGGTCCGCCGCATCGCTGCGCACGCTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTGGCGATAGAGGTCCGCCGCATCGCTGCGCACGCTCACGCTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTGGCGATAGAGGTCCGCCGCATCGCTGCGCACGCTCACGCTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTTCAGCCAGTTCAGAGTTCAGAGAGTTCA$ TACGCGTGGAAGGTGGTTGCTGGCGCAGCATCGCTTCCGCTTCTGCCTCTTTGCCGCTTTCTCGCAGGCGGTTAGCGGTT TCCAGCACCTGATCGCTTTGCAGTCGATTAACCAGCTCCTGAATATTGCTGTTCCACTGCGCACGCGGCAGGCTATTGAT ATGCGCCAGCGCCCCTCTGTCCTGGTCATGACCAGAGAGGTACAGCCCGTAAGCGTAAACCTGCTCCGGGTCGTTCGACT TCTGCTGCGCCAGATTGCGCATTAACGTATCGGCCTGGCTGCGTTGTCCGGCCTGCCAGAGATCCTGCGAAAGTCGGTAA GTAATCCATACGCTGCCGGGGTCCAGCCCAGTCGTTGCCGCTGAAGTGCTGCCGCCTGCGCCCATTTGCCCTGGTTTTC CAGTGCCTCTGCCTGCTGCCAGACGGTCGTTTTGCAGGCTGCGTTCGATATCATCAATGCTACGCCGCTGACTGGCAG AGAGCGAGGCGATAAACGCTTCAGCTTTTTCTGGCGATTGCTGGCGGTAAATATTTGCCAGCCCGCGCACGGCGTTAGTG  $\tt CAGCCCCAGCACTGCATAACTGTCGGTGTTATCGACATTACGCGCCTGCTGGAACAGGCGTTCTGCCCGGTCAGGATTAT$ TTGCTGCTGTGCGGGTCCAGTGCGAGGGCTTTTTCCAGATTCGCCACTGCATTGGCCGCGATCGCCTTTCTGAGAATACGC AGTTGCGATTGCGCACCGCCACGCTATCGCCATCACTAAAGATCGAGAGATATTTTTTCAGCGCCGACACACTGGCATC  ${\tt ACTGACGGCCATGTCTTTAATCTGCCCGTACCAGATTTTAGAGGCCCCTTCGCGCCCGGCGTTCGATTTTGCCATCTGTT}$ GGTGCATCCGCATTGATGCGTTTTAACTGATTAATCGCTTCGCCACGGCGAGCCGGAATTTTCGCCACCGTACTCCAGTA  $\tt CTCGACAGCAATGTCACCTTCCGGCGGCGCACCGTTGAACAGTTTGTTAACTCGCCACAGCTTCTTCTGCATGACCGG$  ${\tt TCGTCGCCTGCAATCGTGCCTGTTGCAGTGCCTGACGACCATCCGGCGTGGAAAGTAGCATCGTAGTCCGCGACGATTTA}$ TACGCATTTGAACTCGGCGCTAACTGCGACAGCCGATCGAGCTGTTTTTTGCGCGCCATCAATATCGCCCTGACGTAACAA AGAACGGAAACGGCCGACGACGTCCGGGTTATTCGGATCAATAAGTTCCAGCCGATATAACGACTGTTGCACCAGAT ATGACGGCCAGACCGAGGGAAAGCGTGAATATGTTTAGTGTGAATTTTGCGCATTCCTGGCCCCAGTCAGGTAATAACTCA  ${\tt CCTTTTGTCGAGAAGCGGAAACGGTGTTGATCCCAGCCTTGTCCAAACAGGGTCAGCACATAGTTGTAATAGGCATCGCT}$ GCCGGGAAAGTTATCGGCCACGCGCTGGCGCTGAACGGCCTGCGCATCGCGGTTTTGTAAAAAGGGCAGCATGGCGGCAG AAAAACCGACTGGTCCTTTACCCTGCGCTTTCCCCGTAGCCACATCCACTTTTTCCGGCGGATAACCGTTTTTCTCAGTG AATGTCGCCATCGGTTTAAACCGGTTGAGCATCCGCGCTTTTTGCGGATCGCTGTCAGGCATCATGCCTACCCACATGTA  ${\tt AACGCGGATAGCGTCGTAGCTGCTGATCAATGTTTTTTCGGCTTTTAGCTGCCAGCCTTTGTCTTTTCCATAGCGCACCC}$ AGTCTGGCGAAAAACCTTTCGGGGCGGTTTCCAGCAATAAACGTTGATTGGTTTCGCGCAGCGTGGTCCACGGCGCGCCCA  ${\tt AAGCGGGTGAAATACTGCGCCAGCGTCGGCGCAGGTAGCTGGGGTTAAAACGCCAGCTGTTATCCTCAGCAAAACCCAC}$ TTTGCCCGGTAACAACATGGAACCCAGCCCAGGCACCGTCACCACTTCCTCCCGCGCGATACGTTTTAGCAACGCGCTGC CGATGTCGGTATAACGCTGCTCTTTCCACAAACGCCCCGCCTCCAGCAACGACCAGCCATCCAGACATCACCATCGGAG ACCCTGAGCGAGATTGTTCTGCGTCCAGTCGAGAATATTATCGAAAGCTGCACGGTCGTTAGCCGCCAGGGCAGAGAACA TCCTTTTTAAACTGCTCCCAGGCAGGCAGGTACAGGCTGCCTGAACACTAAAGGCAGCAGCAGCAGCATCGTCACGAT TCCACTACGCAACACTTCATCTTCAATTACTCGTTATCCGGGTTAAGACGACGACGACGACTAATAATTCGCAGCAGACGCC ACAGTACCCATGCCAGCAATATCACACTGATAGCCGCCAGCACCGCCAGCAGAATCGGATGGTTTGCCAGCGCATACCAC CGCGACCGAACCGCACCATGGTGGCGCGTTTGCCGCTATCGTTCACCGCATCGTTAAGCATTTCATAACCGCGTGGGCTAT GTCAGCGTTGACCGGGTTTCTGCCGCGCGATCGCTCTCGTCCGGCACAATGCCGGGGAACGGGGTCTGGCGCATCGGTGT TTTCACCCAGCTTTCGGTCGCCTGCACCAATAGGTCGATCTGCTTATCGTCTTTCAGTTTTGTCCGGGATACCACCGATGA  ${\tt TCATGATGTCGGCATCTTTGCCCTGAATGGTGCTGCCATCATCGGTCACCGTCAGATTAATCGCCGGGAAGCCCGTCTGT}$ GCGCCGATAAAACCAACAGTATTCAGCAACGTTTCCATCTGTGCTTCGTTAGGCGCTTTCGGCATCACGGTGATGGTTTG  $\tt CGACAGATCCGCCATCCGGCTGAATGGGAAGCCCGCGTTAGCAAAGGCGCGTAGATCCGGCATCGGGATGAAGTGGTAAT$ GAACCGCCGGCATCGGGTTCATATACTCAAAGTCGAAGCGCAGCTTGGTCGCCCCAGTTTCAGCGCCGGAATAGA GACATCTGTTTTGCCATCCAGCAAACCTTGTAATACCGGAATCCGCAGCAGCAGCGGTTCGCCTCCTGTTTGCTGCTCA TAATTAATATCCATATCAATGCCGGTACTGCGCATCAGGTAGAGATCCGGCGGCAGGTTTAGCGAAACGTTAATCGCTGC ATTCTGCGGATGGTTAATCATCTCAATCACCGGGGCTTTTACCGCCGGATGATCGCGCAGGAAGTCCGGCCGTTTGTCGT GAACCAAACCACGAGGCGACAATGGCAGAGGCTTGTTGCAGCCCAACATCCGGCGCACCCGCAAAGACCATCGGCAAGGT
GTTGGTGCGGTTATCGCTCGGGTCAAAGAATGGCACCGGGAAGTGTGACAGGTCATTCTTCACATTCAGGGTCTGATAGG TCAGATCCAGTCCACTGCTCCGCCCAACATCCAGCCAAAGCGTGGTGCTGGCCGGTTTTTCGCACACGTCCTGATAATGG  ${\tt CCGACAAACTCCAGCCGTACACGGTTGAAGTCGCTAATAAACAGTGGGTTAATGGGCCATTTGCGCCAGCGTTTTTTTACCC}$ ACGATGGCGATGGGGTGTATTCGAGGTTGAGCATCGCCTTCGTCACCACTTCATCGCTGCGCATACCAAACTCAATGCTG  ${\tt TCTGGGCGGCTACAGCTGGCTCAGCATTGATCAGTGGTTGCGTTGCTGGCGTCGCCTGCGTCATGAAAGAGGGGAACGCA}$ CTCATCCCCATAGCCACTGCACAAATCCAGAATAGTTTTCTTTTCATCGCGTTATCATCATTGTTGAGCCAAAGCCTGAT  $\tt CGGAATATGCCCTTCACCGAAGAAGGCGCAAACTCCGCCAGATGGCGGTAGCCACGGAAGCCGAGCTTCAGAATATCCAG$ GGGAAGACGTATTCCTGCTGACCGCGTTTAAGCAACAGATTCACTTTCTGCCCTTCCAGAATCTGCGCCTGACCGTTGAT  $\tt CTTGATCCCCAAACCACCGTCGGAGAAATCCTGAACGGTACACGAGAAGAGGTGACCATCTTCGCGGGCAATTGCCGCGG$ GCATCGTCATCTCCACGCGGTGCGATCGGCGTACCTGTTTGCTTTCTACCGATACCGCAACTGCGCCGCCAAGAACAATC  ${\tt AGGTTGTAGAACACCCACACCATACTGACGACCACGGTGAGCATCTCGGTTGGCGGCCCATAGAAGTAGCGCCCAGATGCC}$ TACCGCAACGCCCACCAGGTTGAGCAGGACAAGGAAGATGTAGGGCCGCGAGATCACCCAGTCGACGTACTCTTCTTCCA ATGGATCATATGCGGCAGCACGAATAGGGCGATCATCAACGCTGGCGCATAGATGATGTAGGCATGAAGCAGCAGGAACG  $\tt CCAGCGGCGCAGTCAGGAAGATCAGCCGTGGAATGCCCGACAAGAAGTGGAACATGGCGTTGACGTAACATAGCCGCTGACATGGCGCTGACATGGCGGTGACATGGCGGTGACATGGCGGTGACATAGCCGCTGACATGGCGGACATGGCGGTGACATGGCGGACATGGCAGATGACATGGCGGAAGAAGATGACATGGCGGAAGAGATGACATGGCGGAAGAGATGACATGGCAGATGACATG$ GCAAACTTCAGCCCTTTACCGGTGAGCGGGTTATCGAGACGGAAGATTTGTACCATCCCGCGCGCCCAGCGAATACGCTG ACCGATATGCGCCGACAGACTTTCGGTCGCCAGCCCCGCCGCCGCAATACGCCATATACGCGAGGTATAGCCACGAC CGAATCACCGCACAGGAACCGCAGAAGAAGTGGCGTCCCACATATCGTTGCCATCCTGCACCAGACCATAGAACAGCGT GCCTTCGTTCGCCGTTTTACGGAAACGCCCCAGGTTGCGTTCAAACGGGTCCGGTGAGAAGAAGTGGTGCGGCGTCTGCA AAAATCGACACGAACTCGCCTTTGGCATATTTCAGCGCATTGTTGATGTTGCCTGCTTTCGCATGTTCATGAGTGGTGCG GGCGATATATTTCACCCCCACGTTTTGCGCAAACTGGCGAAACTCTTCCCTGCCGCCGTCATCAAGGATCCAGATATTCA GCTTATCTTTCGGCCAGTCGATACCCAGCGAGGCGTAAATGGTATTTTTCACCACGTTGAGATCTTCGTTGTAAGTCGGG ACAAAGATATCCACCGACGGCCACAGCGACATATCTTTCGGCAATGGCACCGGCTGACGATTCAGCGGCCATACTACCTG GAAGTAGCCGAGCACCAGCACAATCCACGCGTACGTTTCAGCGAAGAGCAGAATAAGCCCGCACACCAGGCTGACCGGAT CGTCCCAGTTCAGCGTAGAGGTGTAACGCCACCAGATATAACGGCAAGAAACGGTCAGCGACAGCACAATCAACATTAGC GTTAAACGGCTGAGTAACGCAGATTAACGCCAGAATCAGCGAGAAGGTGACGATGATACCGAGGATCAACCGCCGCGCCCC ACCGATCAATAACCAGCATGTTTGAATGAGATAACGGACCGGGTCCAGCGGACGCGGACGCGAGGCGTTGATATGCGGAT ACAGGTTTTTATGTTCTGCGCGAATACGCTGCCAGCGGGTGCTCCAGCGGAATAAAAATCCAGGCCAGGATCATCCAG AAACAGCCGAGCGTCGCGCTGAAAGCCGACGCACCGTGACGACGATAATCGCGATAACGCCCGATAAGCCGCGCGTTGAC GCACCAGTTCGCCAGCGTCAGTATCTCTTCAGCCGCCAGCGCATCACTGCGATATTCACCTACTGGTTGCTTAGCCGCCA GGCATTCAGCCATCGCTTCATCACGATGAATGAGCATCGGCAGTAATCGGCGCTGGCTTTGCAACCAAAGCTGGTAAATA TCGTCCTGAACCTGACTGCCAATACGGAAGTCATTAATCAAAATATGTGCGCCATCCGGCAGCGCTTGCTGATGCAGTCG GATATGGCAGTTGGCATCCACATTGACGATTGCCAGCGAGTGATCGCACAAACTCAGCAGCTGGTGGGTTATCTGCGAGG  $\tt CATCACGCGGTAAGTCGATTAAAATCCACTGGTAACGCCCGCTGGCTTTTAGTTGCTGTAAGCCGGAGCAAATATCGCTC$ CATCAGCCCCTCCTTACAGTTCAGCGACAAGTTTATCCACGATGTCGCTGTTAGCAGCTTCATCCACGGAACGTTC GATGATCTTCTCGGCGCCAGCAACAGCCAGGATAGCAACTTGCTTACGCAGCTCTTCACGGGCACGTTTACGCTCGGCTT  CGAACATCACGTACAGACCCAGACCTACAGCGATCATCGGGATAGCATCCACCAGACCCATAACGATAAAGAACTGAGTA  ${\tt ACCGATTGCCGCCAGACCCATCATCACAGCGGCAGCCATGTACAGCAGATCCATATTCAGGTTTTCCATGACAGTCTCCATACAGCAGATCCATACAGCAGATCCATACAGCAGATCCATACAGGTTTTCCATGACAGTCTCCATACAGCAGATCCATACAGCAGATCCATACAGCAGATCCATACAGATCCATACAGCAGATCCATACAGCAGATCCATACAGAT$ GTTTGTTTCAGTTAAAACGTAGTAGTGTTGGTAAATTAATGTTCTTCAGACGCCATCGACAGATAGACGATCGTCAGAAC ACGGCAACAGACCAGCAATCAGAATGAAAATCAGCTCACCGGCATACATGTTACCGAACAGTCGCAAACCGAGTGAAACT GGTTTGGACAGCAGGCTTACCCCTTCAAGGATTAAGTTGACAGGAATGAACGCCCAGTGATTGAACGGCTGCAGCGTCAA CTCTTTCGTGAAGCCGCCGATGCCTTTCATTTTGATGCTGTAGAACAGAATCAGGATAAATACGCCCAGTGCCATAGACA TCGATAGGCAGTAAATCCATCAGGTTCATCAGGAATACCCAGACGAAGATCGTCAGGGCCAGCGGAGCAATCAGCTTGCT TTTGCCATGGTACATGTCTTTCACGCTACCATTAACAAAGCCGATCACCAGCTCAATCGCGGTCTGAAACTTACCTGGCA CACCGCTGGTCGCCTTTTTGGCTACGCTACGGAATAAAACCAGGAACAACAGACCCAGCACCACCGAGAAGAACATGGAG TCAATATTGATTGTCCAGAAGGTGGCTGGGGGGTTTTGTGGATCCACCAGCGAGAATGTACGCAGGTCCAGCTGAAGGTT ATTCAGGTGGTGTCCTATGTAATCCTGCGGCGTCATATTTTCTGAAGCCATGATGCCTTTTACCCTTTGTTGTTAATTAC AGCCGGTGCCAGTATCTGAACCACCAGCACCAAAACCCACGTAACGATCAGCGGCAAGAATACCGCCTTTAAAACCGCCA GCTGGTGTATGCGCCTGGTGACGCCAGGCAAATATCATAAACAAAACGTTAGGCAGAAAGACTGCCAGGCCCCCGCTTAT TGCAGAGACGCCCCAGAAGGGGTCTTTGAGGCTGAACAGCAATCCACTTGCTATCACCACCAGTAACTGAACGAGCAGAA GCTTCCGAGCAACGTTTCGACTCACGAGCGACACAGACATCACGTTTTTCACTCCTGCTCCCTTCGAGGTATGCCGCGTG  ${\tt TCGTATAAAACTTTCTTTAAGGCTTAGAGTCAAGCATCAAAAAAGCGGTCAAATTATACGGTGCGCCCCCGTGATTTCAAA$ CAATAAGTAGCCAAAAGGTGAATAAATGTTTAAATATTTTTCCAGTGCATACAATTGCGACTTTTCTGCTAACCCTGTTC GATCATGAAAAACTGTAAATAACGCGTAAACACTGGTGATAAAGCGTGCTTCAGATCACATATTGCGCATGTTCGCGCAC AGCATATTTATTTACTTGGCAAATGATGCCTTTGCAAGTTTATGATATTTCAGTCTAAAAACAGATACTGTTTTAATAAA TGACATTTACACAACAAAAACCACCCATTGACATTTTTAATAATGTTTTTAACAGCCAATGATGGTTCTTAGCGCCGATTT TTAGCAGACTGATATTTTCACTAATGACTTATTTTCTGCTTACCAAAAAAAGCCACGTTATCTTGTTGATGCAAAAAAGGC GAACGTGGCGTTAAATGTAACCAGTTATATCAGTAGAAAACCTGGTTGTTGATAACAGTCTAACCGGTCAATTTTTTATG ATTTTTTGATAAAAATTAAATTTATTTGCTTTAATCACCACCAGATGACGTTCGCCATCCAGGGCTGGAACCTGAAGT TTAACCACTGATTCGACCTGATATTCTTCGGGCAACAAGCGATTTCATCTTCCGGCATTTGCCCTTTCAGCGCGTAGAA  $\tt
CAAATGGCGGCTCTGAAGGAAACTCTTCTACCCTGCTCTGTACTGGTTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGGTTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGGTTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGGTTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGGTTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGGTTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGGTTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGGTTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGGTTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGTTAAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGTTAAGTTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGTTAAGTTCTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGTTAAGTTCTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTACTGTTAAGTTCTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTAACTGTTAAGTTCAATATTCTCCAGTTTAAGCTCATGTTGCACCCTGCTCTGTAACTGTTAAGTTAAGTTCAATATTCTCCAGTTTAAGCTCATGTTTGCACCCTGCTCAATATTAAGTTCAATATTCTCCAGTTTAAGTAAGTAAGTTAAGTTAAGTTAAGTTAAGTTAAGTTAAGTAAGTAAGTAAGTAAGTAAGTAAGTAAGTAAGTAAGTAAGTAAGTAAGTAAGTAAGTA$ TGACGAAGGAAACGCACGCGTTTACCAAGGCTATCCAACAGAGTGAAATGGGCTTCAGGACGCACGATAGAGAGTGGAAT GCCTGGCAGTCCTGGTCCGGTGCCGACATCGATAAACCGTTCACCTTGCAGATACGGTGCCACCACAATGCTATCGAGAA TATGGCGTACCAGCATCTCATTAGGATCGCGGACCGAAGTCAGGTTGTACGCTTTGTTCCATTTATGCAGCATATTCACG TAGGCAATAAGCTGGTTTTTCTGGTGATCGGTAAGCGAAATACCTGCGTCTTTCAGCAGTAAGGAGAGTTTGTTGAGCAC GGTGATTACCTGTTCTTGATGCGTTGCCTGGTAAGCGGGTGCTTACCAGGCATTTTTAATGCGTTATGCGCTACGACGCA GCATACCCTGTTTTTTCAGCCACACCAGCAGAATGGAGATGGCCGCAGGCGTGACGCCAGAAATACGCGAAGCTTGGCCG A TAGAGGCTGGTTTGTGATCGTTAAGTTTGGCGATCACTTCGTTAGAAAGACCGGATACCTGGCGGTAATCCAGTGTCGCGGGTAGCAGGGTGTTCTCGTTACGCAGCTGCTTTTCGATCTCATCTTGCTGGCGCGCGATATAACCTTCGTATTTAACCT GAATCTCAACCTGTTCCGCCGCCTGTTCGTCTGTCAACGCAGGGGCAAACGGCGTCAGCGTGGTTAATTTTTCATAAGTC ATTTCCGGACGCAGCAGATCTTCACCACTGGCTTCACGGGAAAGCGGCGCAGTCAGGTGAGCATTCACTTCGGCTGC AGCTTCCGCCGACGGGTTACCCAGGTCGATTTCAGACGCTGACGCTCACGCTCGATATTCTCAAGTTTCTCGTTAAAGC GCGCCCAACGTTCGTCATCCACCAGGCCCAGTTCACGACCGATTTCAGTCAAACGCAGATCCGCATTATCTTCGCGTAGC ATCAGACGATATTCTGCGCGCGAAGTAAACATACGATACGGTTCTTTGGTTCCTAAAGTGCACAGGTCATCAACTAGTAC AACCTTGCGCAGCGGCTTCTTCGTAACCGGTAGTGCCGTTAATCTGACCAGCAAAGAACAGCCCCTGGATAAACTTGCTC  $\tt CATCCCCTGCATAGAGCGGACGATTTGCATCTGCACATCGAACGGCAGGCTGGTGGAGATACCGTTCGGATAAATTTCAT$  GGGCAGTAGCGTGGGCCGACACCTTCGATCACCCCTGCGTACATTGGGCTACGATCGAGGTTACTGCGGATCACATCATG GGTTTTCTCGTTGGTATGAGTGATATAACACGGCACCTGCTGGGGATGCTGGGGACGCATTGCCCATAAACGAGAATACCG GCATTGGGTTATCGCCATGCTGTTGCGCCAGTACGCTAAAGTCGATGGTTCGAGCATCAATACGCGGTGGTGTCCCGGTT TTCAGACGACCAACGCGCAGCGCAGTTCACGCAAACGGCGAGAAAGCGGAATGGACGGCGGATCACCAGCACGGCCACC GCTGTAATTATCCAGACCGATATGAATTTTACCGTCGAGGAACGTCCCAACGGTGAGCACGACGGCTTTGGCACGGAACT TCAGTCCCATTTGGGTAACAGCACCGACCACGCGATCGTTTTCGACAATAAGATCTTCAACCGCCTGCTGGAAGATCATC AGGTTCGGTTGGTTCTCCAGCGCCGTACGTACCGCCTGACGGTAGAGCACACGATCCGCCTGAGCTCGGGTAGCGCGAAC TTGTGTGTCAAAAGCAGAGTCTGTTGACCCATACGCGCCGCGGCCATCGCGGCCTCGGTGCCTGCATGACCCCCGCCAAT GATGATGACGTCAAAAGGATCCGGATAAAACATGGTGATTGCCTCGCATAACGCGGGTATGAAAATGGATTGAAGCCCCGG ATCTGTTCTATTGTGATCTCTTATTAGGATCGCACTGCCCTGTGGATAACAAGGATCCGGCTTTTAAGATCAACAACCTG GAAAGGATCATTAACTGTGAATGATCGGTGATCCTGGACCGTATAAGCTGGGATCAGAATGAGGGGTTATACACAACTCA AAAACTGAACAACAGTTGTTCTTTGGATAACTACCGGTTGATCCAAGCTTCCTGACAGAGTTATCCACAGTAGATCGCAC GATCTGTATACTTATTTGAGTAAATTAACCCACGATCCCAGCCATTCTTCTGCCGGATCTTCCGGAATGTCGTGATCAAG AAAAGGTGTCATATTCACGACTGCCAATACCGATTGCGCCAAAGCGGACTGCAGAAAGATCGGGCTTCTGTTCCTGCAAT AGGTAAATCTTCTAACAGCGGACCGTGCAGCGTTTCGGTGGTAAAACCCGCCTCTTCCAGCTTTTCAGCCAGGTGTTCTG CTACATATTCGGCACCGCCGAGGGTGCTGCCGCTGATAAGAGTGATATCTGCCATAAACCGCCACCTTTATTAAGAGTGG CGTATTGTACGCTGTGAACGCGTTGGGATCTACCTGTGGAAAAGTATGGGATTAAAAAAGCCGATCAGGGCTTGATGGTA  $\tt CGCATGATCGGGTTTTGCAGGACGATCAATGTCTCGGTGGACTGAATTTCATCAATTGTTTGGATCTTGTTGATAAGTAC$ ATGCTGGAGAGCGTCGATCGAACGGCACATCACTTTTATAAAGATGCTGTAGTGGCCGGTTGTGTAATAGGCTTCAGTGA ACGTCATAACCGAGCTGCTTCGGGCTGACATCAATACGCGCCCCGGTAATGATCCCCGCCTGCTTCATTTTCTCTACTCG AACGTGAATCGTCCCCGGACTGACGCCAAATTGTTTCGCCAGTTCGGCGTAAGCGGTGCGCGCATTGCCCATTAATGCTT TAGCCTTCTTTTTAATGAATCAAAAGTGAGTTAGGCTTTTTATTGAATGATTATTGCATGTGTGTCGGTTTTTGTTGCT TAATCATAAGCAACAGGACGCAGGAGTATAAAAAATGAAAACCGCTTACATTGCCAAACAACGTCAAATTAGCTTCGTGA AATCTCACTTTTCTCGTCAACTGGAAGACGTCTGGGGCTGATCGAAGTCCAGGCGCCGATTCTTAGCCGTGTGGGGGAT GGCACGCAGGATAACTTGTCGGGCTGTGAAAAAGCGGTGCAGGTAAAAGTGAAAGCTCTGCCTGATGCCCAGTTCGAAGT GGTTCATTCACTGGCGAAGTGGAAACGTCAGACCTTAGGGCAACACGACTTCAGCGCGGGCGAAGGGCTGTACACGCACA TGAAAGCCCTTCGCCCCGATGAAGACCGTCTTTCTCCGTTGCACTCGGTCTATGTTGACCAGTGGGACTGGGAACGCGTA ATGGGCGACGGTGAGCGTCAATTCTCGACTCTGAAAAGCACGGTAGAGGCGATCTGGGCGGGAATTAAAGCAACCGAAGC TGCGGTTAGCGAAGAGTTTGGCCTGGCACCGTTCCTGCCGGATCAGATCCACTTCGTACACAGCCAGGAGTTACTGTCTC  $\tt GTTATCCGGATCTTGATGCCAAAGGGCGTGAGCGGGCGATAGCGAAAGATCTTGGCGCGTATTCCTTGTCGGGATTGGC$ GGCAAGCTGAGCGATGGTCATCGCCACGACGTGCGCCACCGGATTATGATGACTGGAGCACCCCGTCAGAGCTGGGCCA TGCGGGTCTGAACGGCGATATTCTGGTGTGGAACCCGGTACTGGAAGATGCGTTTGAGCTTTCCTCCATGGGGATCCGTG TAGATGCCGACACGCTGAAGCATCAACTGGCGCTGACCGGTGACGAAGATCGCCTGGAGCTGGAGTGGCATCAGGCGCTG TATCGGCCAGGTTCAGTGTGGAGTATGGCCAGCTGCTGTTCGCGAGAGCGTCCCTTCTCTGCTGTAATAATTTATCGCCG  $\tt CCAGCGTCTGAGCAGGCGGCTTCGCATCCCGGTATCAAAGCGCCCAGATATGATCGAAAATGCGCATGATGCCGGGTTTGC$ GGCAACCGCTGAGCGATAAAATCAGAAATCACCACCGCATCGGCATCAAACCATTCCCTGCTTTGCAAGCGTTCCATAAT GGCGCGAAAACAACTGGCAAGATCGGTGCCGCCACGAAACTGCTGGCTTAAAAAAACGGATTGCTTGTTCGATGCCTTGTG GGCCTGAAAGCTCATAACGGACGATCTCGGTGGAAAATAGCATAATATAGCAGCGCCGGTTTTCTGCGAGAGCAATGCGC ATCAAGGCCAGGCAGAACGCTTTCGCACACTGTTCATTAAAGCCGCCCATTGAGCCGGAAGTATCCACACAGACAATAAA GGCGATAGGTGAGCAACTGTTTTTCCACCAGCCGACGGTAAAACTCATACTCCAGTTCCGTTATCCCTAGTGTCGCCAGT TCTGGCGGCAGGAGACGTAAAATATCATCGCTTTGTTGCAGACCATCAACCTGCTCAGGAACCGTCGCCGGTTCGCCGAC GGCGTTTCAGTTCCGGCTGTTCGTTAAGAAATTCACCGTATTTCACAATCAACTGATAGTCGCCACGTTTAAGCTGACCG GCGCTCATATCCCACAGACGACCAGCTGCAGTATTGTTATCTGCGAGAATCGGTTCAAGTTGTCCGCTCAGCGTCATGCG TCTGCCCATGGAGAATTCAGACGATGCAGTAAGTCCAGGATCTGTGGTAGCTGCACAATAAACTGTGGCGTGGAGAGGAG  $\tt CTGGCTTTGCTGATAGCACATCACCTCTTCGGTGAGTTCCGGCGGGACTCGGGCATCTTTCAGCCGACTGCGCAGCGCTT$ GCCAGCAGTGCGATGATCATCTCTTCGATCAATCCCTCTTCGCTGACGGCCAGCATCACATTAAGCGTATCCAGCGTTAG  ${\tt CAGACATTTTTGCTGTTGAATAAAGCGTGTTGCTTGCGCCAGTCGCTTTCAAGCTCTTCCAGTTGTTTTTATTT}$  $\tt CACCAGGCAGACCTTCAGCCGATGAACCGGGAAGTGCCAGCGTACTGCCTTGTAAACTTACATCGCGAACGACAAGATGT$  $\tt TGGGCGCTATCAACTTCCAGATTCAGTTTCTGGGCAAAGCCGATACCGTTCAGTTTACCGCGAATTTCACCACCTTTGCT$ GTAGAGTCAGAGTGGAAGCAGTAACGTTAACAGGAAGTTGATACTGCTGACGACGCTGAAAATGCCGCCCAGACGAATT  ${\tt CCCTTGCTGTTGCCAGGCGTGACCGGTCATCAATACATCAATTTGTTGTTGTATCAAATTCAGGCTTTGCGCGTCATACC}$ ACAGGCAATCTTTCAGCAAAATGAGATCTACCGGGGCAACAGCACTGCGACCGCTAAAAAAAGGCGCTGCCAATAAT CGGATCGCTTTTTTCCAGCGACGATCCGAGACATAAGGCGCATCCGGTAATTTATCCAGTTGCTGGCGCAGCATAAAAAT AGGCATCAGGAACCGGATTGTCGTTTTCATCCTGTTGACTGGTCAGCATGGAGCGGAAATTCGCTTTATCCTGCACTTTA TCTAACCACAGACGAATCAGCATGCGGTCATATAACGCTTCCAGACTGCTGTCTGCTTCCGGCAGCTCGTTGGAGGCCGC TAAGAATTGCCGGGCCCGCTTTCCAGATCTCATCCAGAAAGACAATTTCTGCTTCCGGCAGGTAACCGCTGGTTAAACGT TCATAGCGCCCTTCATCTTTTAGCGCCTGAATAGAAAGGGGACCAAAAACTTCTTCCGGCGTGGAGAAGCGGGTCATCAG ATATTCAAACGCGCGGCATTCTGAAAGGCGAATTTTAAGCGCCCGGGCGATCAAACTTTTGGCAATACCTGGCGGGCCAA GGAGGAACACACTTTCACCACTTAATGCCGCTAATAAACACAAGCGGATGGCGTGGCTACGTTCATAAAGCCCCTTTTCC AACGAACTGCTCAGGCGGGAAATTCTTTCCGCTAATAAATGAGGGTGAGCCATAATGAAGTGGCGTCCTTTCGTCAAAAG TTCTGCGTAAATTGCGAGTATAGACGTTTCTTGCTGGTGGCTAAAATAGTCTCAAAGGGGGGGTATTTTTCTTTGAGCCA GGTTAATGTGGCCGCATTTAGGAGTACGATTTTGCCGTTAATCGTGCATACTGTGCGCTTTTTTGTGGGCCAAGGGACTA AGCACACATTTCATATTTCAACGAAAGACTAGTCTATGAGCACTGATAATAAGCAATCATTGCCCGCGATTACCCTCGCG  ${\tt GCGATTGGAGTTGTCTACGGCGATATTGGTACCAGCCCGTTATATACACTTCGTGAATGTTTGTCCGGCCAGTTTGGTTT$ TGGCGTTGAACGCGATGCCGTGTTTGGCTTTTTATCGCTGATCTTCTGGCTGCTAATCTTTGTGGTTTCCATTAAATATC TCACCTTCGTGATGCGGGCAGATAACGCCGGTGAGGGGGGGATCCTGACGTTGATGTCGCTTGCCGGGCGTAATACGTCG GCGCGAACCACATCAATGCTGGTGATTATGGGGGCTAATCGGCGGCAGCTTTTTCTATGGTGAAGTCGTCATAACACCCGC TATTTCGGTGATGTCAGCCATTGAAGGTCTGGAAATCGTCGCCCCGCAGCTGGATACCTGGATAGTTCCCCTCTCAATTA TGGTTTTTGATTCTGGCAGGACTGGGGTTACGTAGCATTATTGCTAACCCGGAAGTGCTGCATGCGCTGAATCCAATGTG GGCGGTGCATTTCTTCCTTGAATACAAAACGGTTTCTTTTATTGCATTAGGGGCAGTGGTGTTGTCGATTACGGGGGTCG GGACTGGCGCTGATCCCGCTGCTGATCATCGCCGCACTGGCGACGGTAATTGCCTCGCAGGCGGTTATCTCTGGCGTCT   $\tt CGCCTGTTCGCGTGCCCGGGGACCGCGGTGTATATGTCGCGTGCAATCAACGTCATTCCCTTTGCGCTGATGCATAACCTT$ AAACATAACAAGGTATTGCATGAGCGGGTGATTCTGTTAACTCTGCGCACCGAAGACGCTCCATATGTCCATAACGTCCG TCGGGTACAGATTGAACAACTGTCGCCCACTTTCTGGCGCGTGGTGGCAAGTTATGGTTGGCGAGAAACGCCAAACGTAG  ${\tt AAGAAGTTTTCCACCGCTGCGGTCTGGAAGGATTAAGTTGCCGGATGATGGAAACCTCCTTCTTTATGTCGCATGAGTCG}$ TTGATCCTCGGCAAACGCCCGTGGTATTTGCGTCTGCGCGGCAAGCTGTACTTGCTGCTGCAACGTAATGCGCTGCGTGC ACCAGATCAATTTGAAATCCCGCCAAACAGGGTTATCGAACTGGGTACTCAGGTCGAAATCTAACGCCAGACGCCTCCTT TCTTCATAAGGGGGCGTTTTTGTTTTCATGGTTAATCACCATGTAAAACGTTTCGAGGTTGATCACATTTCCGTAACGTC ACGATGGTTTTCCCAACTCAGTCAGGATTAAACTGTGGGTCAGCGAAACGTTTCGCTGATGGAGAAAAAATGAAAAAAG TTACCCATCCCCAAAAGTACAACGCGTATCGATATGGCATTAACCCAGGGTGTACCTTCTTTTATGCAGGTGCTGGGCCGT  $\tt CGTCACAAATGAAATGCAGGTCGAGGCGGCCATTATCGCGGAAGAGATCAAACACCATAATCCGCAACTCCACGAAACGT$ TGCTCACTCACCTTGAGCAGCTGCAAAAACACCAGGGAAATACCATTGAAATTCGTTACACCACGCATGAACAATTCAAA
GACGTTCTGAGGCCGTCATGGAAGCATTACTTCAGCTTAAAGGCATCGATAAAGCCTTCCCGGGCGTAAAAGCCCTCTCG GGCGCAGCGTTAAATGTCTATCCGGGCCGCGTGATGGCGCTGGTGGGGCGAAAACGGCGCGGGTAAATCCACCATGATGAA AGTGCTTACTGGCATCTATACTCGCGATGCCGGTACGCTTTTATGGCTGGGGAAAGAACGACATTTACCGGGCCAAAAT  $\tt CTTCCCAGGAAGCCGGGATTGGGATTATCCATCAGGAACTGAACCTGATCCCGCAGTTGACCATTGCCGAAAACATTTTC$  $\tt CTCGGTCGTGAGTTTGTTAATCGCTTTGGCAAAATTGACTGGAAAACCATGTATGCCGAAGCGGATAAATTGCTGGCTAA$ ACTTAACCTGCGCTTTAAAAGCGACAAGCTGGTGGGCGATCTTTCCATCGGTGACCAGCAAATGGTTGAAATCGCCAAAG CGATGACGTTACCGTTTTTCGTGATGGCCAATTTATTGCTGAGCGCGAAGTGGCATCACTGACCGAAGATTCGCTGATTG AGATGATGGTGGGTCGCAAGCTGGAAGATCAATATCCGCACCTGGACAAAGCGCCCGGGAGATATCCGCCTGAAAGTCGAT CGCAGGTCGTACCGAACTGATGAAAGTGCTCTACGGCGCACTACCGCGCACCAGCGGTTACGTCACCCTGGATGGGCATG AAGTCGTTACCCGTTCACCGCAGGATGGCCTGGCAAACGGCATTGTGTATATCTCCGAAGACCGTAAACGTGACGGTTTA GTGTTGGGCATGTCAGTAAAAGAGAACATGTCGCTGACAGCGCTGCGCTACTTCAGCCGCGCTGGCGCAGTTTGAAGCA TGCCGATGAACAGCAGGCTGTGAGTGATTTCATTCGTCTGTTTAATGTGAAAACTCCGTCGATGGAACAGGCAATTGGTC TGCTTTCCGGTGGCAATCAGCAAAAAGTGGCGATTGCCCGCGGTCTGATGACACGCCCCAAAGTGTTGATCCTTGATGAA GGGAATTTACTCGTGAGCAGGCCACCCAGGAAGTGTTAATGGCTGCCGCTGTGGGCAAGCTTAATCGCGTGAATCAGGAG TAAAAAAATGACAACCCAGACTGTCTCTGGTCGCCGTTATTTCACGAAAGCGTGGCTGATGGAGCAGAAATCGCTTATCG CTCTGCTGGTGCTGATCGCGATTGTCTCGACGTTAAGCCCGAACTTTTTCACCATCAATAACTTATTCAATATTCTCCAG TCTGTTGGCGCTGACCGGCGCAGTTGCTGCATCTATCGTCGGCATTGAAGTCAATGCGCTGGTGGCTGCTGCTGCTCCTC GTTATGATGCTTTTACTGCGCGCGTGACCATGGTTTATACCAACGGTAGCCCAGTGAATACCGGCTTTACTGAGAACGC  ${\tt CGGCCTGGTACATGCTGCATCACACGCGTCTGGGGCGTTACATCTACGCGCTGGGCGCAACGAAGCGGCAACGCGTCTT}$ TCTGGTATCAACGTCAATAAAATCAAAATCATCGTCTATTCTCTTTTGTGGTCTGGCATCGCTGGCCGGGATCATTGA AGTGGCGCGTCTCTCCCCCCACAACCCACGCGGGGGACTGGCTATGAGCTGGATGCTATTGCTGCGGTGGTTCTGGGCG GTACGAGTCTGGCGGGCGGAAAAGGTCGCATTGTTGGGACGTTGATCGGCGCATTAATTCTTGGCTTCCTTAATAATGGA TTGAATTTGTTAGGTGTTTCCTCCTATTACCAGATGATCGTCAAAGCGGTGGTGATTTTGCTGGCGGTGCTGGTAGACAA CAAAAAGCAGTAATAACGACTACAGGACATCTTGAATATGAACATGAAAAAACTGGCTACCCTGGTTTCCGCTGTTTGCGC TAAGCGCCACCGTCAGTGCGAATGCGATGGCAAAAGACACCATCGCGCTGGTGGTCTCCACGCTTAACAACCCGTTCTTT GTATCGCTGAAAGATGGCGCGCAGAAAGAGGCGGATAAACTTGGCTATAACCTGGTGGTGCTGGACTCCCAGAACAACCC CAGTGGGTAATGCTGTGAAGATGGCTAACCAGGCGAACATCCCGGTTATCACTCTTGACCGCCAGGCAACGAAAGGTGAAGTGGTGAGCCACATTGCTTCTGATAACGTACTGGGCGGCAAAATCGCTGGTGATTACATCGCGAAGAAAGCGGGTGAAGG TGCCAAAGTTATCGAGCTGCAAGGCATTGCTGGTACATCCGCAGCCCGTGAACGTGGCGAAGGCTTCCAGCAGGCCGTTG  $\tt CTGCTCACAAGTTTAATGTTCTTGCCAGCCAGCCAGCAGATTTTGATCGCATTAAAGGTTTGAACGTAATGCAGAACCTG$ TTGACCGCTCATCCGGATGTTCAGGCTGTATTCGCGCAGAATGATGAAATGGCGCTGGGCGCGCTGCGCGCACTGCAAAC TGCCGGTAAATCGGATGTGATGGTCGTCGGATTTGACGGTACACCGGATGGCGAAAAAGCGGTGAATGATGGCAAACTAG  $\tt CAGCGACTATCGCTCAGCTACCCGATCAGATTGGCGCGAAAGGCGTCGAAACCGCAGATAAAGTGCTGAAAGGCGAGAAA$ GTTCAGGCTAAGTATCCGGTTGATCTGAAACTGGTTGTTAAGCAGTAGTTTTAATCAGGTTGTATGACCTGATGGTGACA TAAATACGTCATCGACAGATGAACGTGTAATATAAAGAAAAGCAGGGCACGCGCCCCTAACACGGTGGCGCATTTTAT GGACATCCCGAATATGCAAAACGCAGGCAGCCTCGTTGTTCTTGGCAGCATTAATGCTGACCACATTCTTAATCTTCAAT GCTGCTGGGCGTAGCGGTGCGAATATCGCGTTTATTGCCTGTACGGGTGATGACAGCATTGGTGAGAGCGTTCGCCAGCA GCTCGCCACTGATAACATTGATATTACTCCGGTCAGCGTGATCAAAGGCGAATCAACAGGTGTGGCGCTGATTTTTGTTA  $\tt ATGGCGAAGGTGAGAATGTCATCGGTATTCATGCCGGCGCTAATGCTGCCCTTTCCCCGGCGCTGGTGGAAGCGCAACGT$ GAGCGTATTGCCAACGCGTCAGCATTATTAATGCAGCTGGAATCACCACTCGAAAGTGTGATGGCAGCGGCGAAAATCGC TTATTACGCCAAACGAAACGGAAGCAGAAAAGCTCACCGGTATTCGTGTTGAAAATGATGAAGATGCAGCGAAGGCGGCG CAGGTACTGCATGAAAAAGGTATCCGTACTGTACTGATTACTTTAGGAAGTCGTGGTGTATGGGCTAGCGTGAATGGTGA AGGTCAGCGCGTTCCTGGATTCCGGGTGCAGGCTGTCGATACCATTGCTGCCGGAGATACCTTTAACGGTGCGTTAATCA GGCGCACAACCTTCCGTACCGTGGCGTGAAGAGATCGACGCATTTTTAGACAGGCAGAGGTGACGCTTGGCTACAATGAA AGATGTTGCCCGCCTGGCGGGCGTTTCTACCTCAACAGTTTCTCACGTTATCAATAAAGATCGCTTCGTCAGTGAAGCGA TGCAAAAACGCGTTGATGGCTTGCTGTTACTGTGCACCGAAACGCATCAACCTTCGCGTGAAATCATGCAACGTTATCCG AGACTTAGCAACGCAATATCTGATCGATAAAGGTCATACCCGTATCGCCTGTATTACCGGCCCGCTGGATAAAACTCCGG GATTTTGAATTTAACGGCGGGTTTGACGCTATGCGCCAACTGCTATCACATCCGCTGCGTCCTCAGGCCGTCTTTACCGG AAATGACGCTATGGCTGTTGGCGTTTACCAGGCGTTATATCAGGCAGAGTTACAGGTTCCGCAGGATATCGCGGTGATTG GCTATGACGATATCGAACTGGCAAGCTTTATGACGCCACCATTAACCACTATCCACCAACCGAAAGATGAACTGGGGGAG  $\tt CTGGCGATTGATGTACTCATCCATCGGATAACCCAGCCGACCCTTCAGCAACAACGATTACAACTTACTCCGATTCTGAT$ GGAACGCGGTTCGGCTTAGATTTACGCTGTCTTTTGATCAAATTATTACCATCGGTTGTTTTCAGAAGCATGAACATTGC TGCTGAAGCAACAGTAATAATGCCCATTGTGATAAACGTATAGTGGAATTGTTCGACAGTCGTTGTGCCTTCCATTCCTT CATAAACGCGAAGGACGCCGCACTTACAGCAACGCCTAAACTAATCGACAGTTGCTGCGTGACCGCCAGAACACTGTTA  ${\tt CCGCTGCTGGCATTGTCATCGGTCAGATCGGCAAGTGTGATGGTATTCATCGCGGTAAACTGCGTCGACATAGCCATCCC}$ TAATATAAACAACGGCAAGATCAGCATCCATATAGCCATTGCTGGTGATTGCAAAGAGAACTGAGCGATCATTAGCCCAA TAATCACCGTGATCCCCACTAACGTATGGCGATAGCCCAGACGACGTAAGACTTGGGTAACCATCGATTTTGCAATAATG GAACCTAACGCTGTCGGTGCCATCATACAGCCAGCAATAAACGCCTGATAACCAAATCCTACCTGTAACATCAATGGCAT AAGGAACGGTACACAGCCGGTCCCCAGACGGGTTGCAATATTGCCTACGATACCGATCGAGAAAGTGCGGGTTTTAAATA AATCTAATGAAATTAATGGGTTTGGCGTGCGTCGTGCATGGAGAATATAGAGAAGCAGTAACCCGATGCTGGTGACAATT ACCGTCAAGGCAATCCAGCTGGCGACAATCTTTTCCCCGAATAGCTCTATTCCGCTTGAGAAGAGAACAAGGCTGAGGCC AAACAGCAAAAAGCCAGTGATATCGAATCTGCGTCGTGCGGTGGTGAAATTGGGCATATGTTTGCGCGCGTAAAGAAGGC  $\tt CCTAAAATTGGCCCCACCAGACCCGGCATGGCGACAAAATTCAATACTGGAAGAAGTTCATTACGAGGATAAGCGCGCAG$ TAAGGCCAGCCGAGCAACAGGCATCATCATTGCGCCGCCTATCCCCTGAATAACCCGGAAGACAACCAGCTGTGGTAGCG AATTAGAAAGTGCGCAGGCCAGAGAACCCAATGTGAACAGACTCACGGCAAGGGTAAAAATGCGACGCGTACCGAAGCGA AGAACGATTAAGGCTATGAGCGATTGCGGGTAAGGCGGTATTAAGAATAGTGGCATCAAGTGCCTGCATGAAGAAGGCCA TCGCCGCGATCCACGGCAAACCCGCCATACTGCGCTTCTTTTTATCGCTCATTCAATGTCCTGTTATCGGGTTATCACTT ATCAGGTGAGCGTAGCAGCGCCTGACAAGCTTTAAATGCCGCGTCGCCATCGCTTTGGATAATCGCATCGACAATCGCCT AATGAGGTCAAAAACGGATTGGCGCTCATTTCATAGATATGCTCATGCCAGGCCATATCGACTTCGATCCAGCGTTCACG GCGAAAGTTCTCTTTTAATGCCGCCATTTCGGCCATTAACGTATTGAGATGCGCTTTCTGTTCCGCGGTGCCAACCGTTG  $\tt CTGCCAGTAGGCAGGCTTGCGGCTCCAGACAGATACCCATAACCAGAAAGTGATCGATGACCTGATGAAAGTTCTCTTCT$ GTCATCCACCAGGTAAGCAATTCCTGATCAAGAAAATTCCAGTTCGATTGTGGCATGACCCGAGTACCAATTCGCGGTCG GCTCAATCTCACCGGGCAAAATGGTGCCGGGTTCATATTCACCTTTTAAGATCCGTTGCGCCAGCTTCTCAGCCAGAACA  ${\tt AGTATGCCACCAGGAAGTGTGATTACGGTTGCAAAAACGGCAAATTGCTTGTTTTATGGCACATTAACGGGGCTTTTGCT}$ GAAAAATGCGCGGTCAGAAAATTATTTTAAATTTCCTCTTGTCAGGCCGGAATAACTCCCTATAATGCGCCACCACTGA GACTCTGTAGCGGGAAAGCGTATTATGCACACCCCGCGCCGCTGAGAAAAGCAAAGCGGCACTGCTCTTTAACAATTTA TCAGACAATCTGTGTGGGCACTCGAAGATACGGATTCTTAACGTCGCAAGACGAAAAATGAATACCAAGTCTCAAGAGTG AACACGTAATTCATTACGAAGTTTAATTCTTTGAGCATCAAACTTTTAAATTGAAGAGTTTGATCATGGCTCAGATTGAA CGCTGGCGGCAGGCCTAACACATGCAAGTCGAACGGTAACAGGAAACAGCTTGCTGTTTCGCTGACGAGTGGCGGACGGG TGAGTAATGTCTGGGAAACTGCCTGATGGAGGGGGGATAACTACTGGAAACGGTAGCTAATACCGCATAACGTCGCAAGAC  $\tt CAAAGAGGGGGACCTTCGGGCCTCTTGCCATCAGATGTGCCCAGATGGGATTAGCTAGTAGGTGGGGTAACGGCTCACCT$ GCAGTGGGGAATATTGCACAATGGGCGCAAGCCTGATGCAGCCATGCCGCGTGTATGAAGAAGGCCTTCGGGTTGTAAAG TACTTTCAGCGGGGAGGAAGGGAGTAAAGTTAATACCTTTGCTCATTGACGTTACCCGCAGAAGAAGCACCGGCTAACTC TAAGTCAGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCTGATACTGGCAAGCTTGAGTCTCGTAGAGGGGGGGTA GAATTCCAGGTGTAGCGGTGAAATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACGAAGACTGA CGCTCAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCGACTTGGAGG AATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGATGCAACGCGAAGAACCTTACCTGGTCTTG GAGACTGCCAGTGATAAACTGGAGGAAGGTGGGGATGACGTCAAGTCATCATGGCCCTTACGACCAGGGCTACACACGTG  $\tt CTACAATGGCGCATACAAAGAGAAGCGACCTCGCGAGAGCAAGCGGACCTCATAAAGTGCGTCGTAGTCCGGATTGGAGT$  $\tt CTGCAACTCGACTCCATGAAGTCGGAATCGCTAGTAATCGTGGATCAGAATGCCACGGTGAATACGTTCCCGGGCCTTGT$ TGATTCATGACTGGGGTGAAGTCGTAACAAGGTAACCGTAGGGGAACCTGCGGTTGGATCACCTCCTTACCTTAAAGAAG  $\tt CGTTCTTTGCAGTGCTCACACAGATTGTCTGATAGGAAGTGAAAAGCAAGGCGTCTTGCGAAGCAGACTGATACGTCCCC$  $\tt TTCGTCTAGAGGCCCAGGACACCGCCCTTTCACGGCGGTAACAGGGGTTCGAATCCCCTAGGGGACGCCACTTGCTGGTT$ TGTGAGTGAAAGTCACCTGCCTTAATATCTCAAAACTCATCTTCGGGTGATGTTTGAGATATTTGCTCTTTAAAAATCTG GATCAAGCTGAAAATTGAAACACTGAACAACGAAAGTTGTTCGTGAGTCTCTCAAATTTTCGCAACACGATGATGAATCG GTGCTAATCTGCGATAAGCGTCGGTAAGGTGATATGAACCGTTATAACCGGCGATTTCCGAATGGGGAAACCCAGTGTGT TTCGACACACTATCATTAACTGAATCCATAGGTTAATGAGGCGAACCGGGGGAACTGAAACATCTAAGTACCCCGAGGAA GAAGCGTCTGGAAAGGCGCGCGATACAGGGTGACAGCCCCGTACACAAAAATGCACATATTGTGAGCTCGATGAGTAGGG AGCACGCTTAGGCGTGTGACTGCGTACCTTTTGTATAATGGGTCAGCGACTTATATTCTGTAGCAAGGTTAACCGAATAG GGGAGCCGAAGGGAAACCGAGTCTTAACTGGGCGTTAAGTTGCAGGGTATAGACCCGAAACCCGGTGATCTAGCCATGGG GTGAAAGGCCAATCAAACCGGGAGATAGCTGGTTCTCCCCGAAAGCTATTTAGGTAGCGCCTCGTGAATTCATCTCCGGG GGTAGAGCACTGTTTCGGCAAGGGGGTCATCCCGACTTACCAACCCGATGCAAACTGCGAATACCGGAGAATGTTATCAC GGGAGACACACGGCGGTGCTAACGTCCGTCGTGAAGAGGGAAACAACCCAGACCGCCAGCTAAGGTCCCAAAGTCATGG AGCTCACTGGTCGAGTCGGCCTGCGCGGAAGATGTAACCGGGGCTAAACCATGCACCGAAGCTGCGGCAGCGACGCTTATG TGACATAAGTAACGATAAAGCGGGTGAAAAGCCCGCTCGCCGGAAGACCAAGGGTTCCTGTCCAACGTTAATCGGGGCAG GGTGAGTCGACCCCTAAGGCGAGGCCGAAAGGCGTAGTCGATGGGAAACAGGTTAATATTCCTGTACTTGGTGTTACTGC GAAGGGGGGACGGAGAAGGCTATGTTGGCCGGGCGACGGTTGTCCCGGTTTAAGCGTGTAGGCTGGTTTTCCAGGCAAAT  $\tt CCGGAAAATCAAGGCTGAGGCGTGATGACGAGGCACTACGGTGCTGAAGCAACAAATGCCCTGCTTCCAGGAAAAGCCTC$ TAAGCATCAGGTAACATCAAATCGTACCCCAAACCGACACAGGTGGTCAGGTAGAGAATACCAAGGCGCTTGAGAGAACT GAGCTGAAATCAGTCGAAGATACCAGCTGGCTGCAACTGTTTATTAAAAACACAGCACTGTGCAAACACGAAAGTGGACG TATACGGTGTGACGCCTGCCCGGTGCCGGAAGGTTAATTGATGGGGTCAGCGCAAGCGAAGCTCTTGATCGAAGCCCCGG TAAACGGCGGCCGTAACTATAACGGTCCTAAGGTAGCGAAATTCCTTGTCGGGTAAGTTCCGACCTGCACGAATGGCGTA ATGATGGCCAGGCTGTCTCCACCCGAGACTCAGTGAAATTGAACTCGCTGTGAAGATGCAGTGTACCCGCGGCAAGACGGAAAGACCCCGTGAACCTTTACTATAGCTTGACACTGAACATTGAGCCTTGATGTGTAGGATAGGTGGGAGGCTTTGAAGT GTGGACGCCAGTCTGCATGGAGCCGACCTTGAAATACCACCCTTTAATGTTTGATGTTCTAACGTGGACCCGTGATCCGG GTTGCGGACAGTGTCTGGTGGGTAGTTTGACTGGGGCGGTCTCCTCCTAAAGAGTAACGGAGGAGCACGAAGGTTGGCTA AGCAGGTCATAGTGATCCGGTGGTTCTGAATGGAAGGGCCATCGCTCAACGGATAAAAGGTACTCCGGGGATAACAGGCT GATACCGCCCAAGAGTTCATATCGACGGCGGTGTTTGGCACCTCGATGTCGGCTCATCACATCCTGGAGCTGAAGTAGGT  $\tt CCCAAGGGTATGGCTGTTCGCCATTTAAAGTGGTACGCGAGCTGGGTTTAGAACGTCGTGAGACAGTTCGGTCCCTATCT$ GCCGTGGGCGCTGGAGAACTGAGGGGGGCTGCTCCTAGTACGAGAGGACCGGAGTGGACGCATCACTGGTGTTCGGGTTG TCATGCCAATGCCACTGCCCGGTAGCTAAATGCGGAAGAGATAAGTGCTGAAAGCATCTAAGCACGAAACTTGCCCCGAG
CGATGCGTTGAGCTAACCGGTACTAATGAACCGTGAGGCTTAACCTTACAACGCCGAAGATGTTTTGGCGGATGAGAGAA GATTTTCAGCCTGATACAGATTAAATCAGAACGCAGAAGCGGTCTGATGAAACAGAATTTGCCTGGCGGCCGTAGCGCGG TGGTCCCACCTGACCCCATGCCGAACTCAGAAGTGAAACGCCGTAGCGCCGATGGTAGTGTGGGGTCTCCCCATGCGAGA GTAGGGAACTGCCAGGCATCAAATTAAGCAGTAAGCCGGTCATAAAACCGGTGGTTGTAAAAGAATTCGGTGGAGCGGTA GCGTAGTTCAATTGGTAGAGCACCGGTCTCCAAAACCGGGTGTTGGGAGTTCGAGTCTCTCCGCCCCTGCCAGAAATCAT CCTTAGCGAAAGCTAAGGATTTTTTTTATCTGAAATAACCCTCTCCGAAGTAAATCCTTCTACCGGCATCCTTGCCAGCC ATTCATATTAATACACTTCATCCAGCACGTTAATTTTCAAAAGATCGCGAATCAACGCATTTTTATCGCTATTTTGCAGC GGGTAGCCAGGTGCAACCATTAAGCATCGCAATCTGTTGCTGTGCCAGTTCAGCAGAACTGGTTGTCAGAATGGGCACTT  ${\tt CGTCAGCACCGATCAAACCTGCTCATGCTGTTGAAAATCTGGCCCCCACTCAAGTCGCAGATAATTAAGATCTCCCTTT}$ AGTTTTGAAGGGGCACTGGTATAAAGCGCTAAAGTGAAATATCCCAGCAACTGACTACTAAATTCGTCCATTTTGGGCGC TTCAGTGGTAATAAGAAGATCAAGCTGGCGTTCATGCAGCTGTTTTACCAGAGACTGCCGTTGGGCAATTCGCGCTTCGA ACTGTAAGCCTGTATGGGCATCCTGATTTTGATACAAGCGTCCCAGCCACTGATTAAGCATACATTCCCACAACGAGGCG  $\tt CTGGCACCGATAGAAAACTCGTTATGTCGTGAGGTATGCGCCACCTCCTTACGGGCCGCCTGCCAGGTGCTCATGAGCGT$   ${\tt TTCTGCATAAGGCAGTAGTTTTTCACCGGCAGCGGTTAAACGGATATTGTTTCTGTGGCGGGTGAAAAGGTTCACACCCA}$ GTTGATTTTCCAGTTGTCTGATTCGAAAGCTCACTGCTGACTGGGTCAGATAGAGCGATTCAGCCGCTCGACCAAAGTGA CGCGTTCGGCTAACTTCCAGGAAAGTTTTTAACAATTCCGTATCCACAGTGCTCTCCGCAAAATTATTTGTCGTTATGAT TTAAATGTTTTGTTTTACACTCTGTCAAGCGTAACTAATACTCCGCGCCATAACTAGCTCGGTCAAAGAATTAGGAGCGT GCAGGATGGCGGAAAGCTTTACGACGACTAATCGATATTTCGACAATAAACATTATCCACGTGGATTCTCTCGTCATGGT GATTTCACCATCAAAGAGGCACAACTGCTTGAGCGTCATGGTTATGCCTTCAATGAGTTGGATCTTGGCAAACGCGAGCC GGTTACCGAGGAAGAGAACTCTTCGTAGCAGTATGCCGTGGCGAACGTGAGCCAGTGACAGAAGCAGAACGCGTGTGGT AACGGTCAATCGCTCGATAGCTAACTGCCTCCTGCAAATGCTGACGTGTGATAATGTCAGACTGATCAATATCAGCAATG GGCGCTCTCTGGCGGCCATTACGCGTTGTTTAACGGTGGCGCTGCTTTCTCCCGGCACTACCGTTTTACTCAAAATGCCG  ${\tt GGGGGTGGTAATGGGATCTCCAGTGAGAGATCGAAGCGGTCGAGAAAGGGCCCCGAGAGCCGGTTGAGATAACGTAATGT}$  $\tt CTGTTCTGGCGTGCAGCGGTTATGGTTTCCCTGATAATGTCCGGTAGGGCTGGGATTCATCGCCGCAACAAGCTGGAAAC$ GGGCTGGATAGGTTATTTTTGCTCGTGTGCGTGAAAGATGGATCTGCCCGGATTCAATCGGCTCTCGCAAGGCATCCAGT GTACGCCGTTCAAATTCAGGTAGCTCATCAAGAAAAAGCACGCCGTTATGCGCCAGCGAAATTTCACCGGGCCCTGGAAT TGCGCCACCGCCTACCATCGCAGTTAACGATGCACTGTGATGAGGTGAGCGGAACGGGCGCTGCCGCCATTGTTTTTGTA ATACGGCTGGCGAGCATTGTTTTACCTGTTCCCGGCGGCCCAATCAGTAAAAGGTTGTGCCCGCCAGCAGCGGTAATTTC  ${\tt CAGTCCTCGCTTTCCTTGATCCTGACCGATAACATCACTGAGATCATGTTGTAGCGCCCCGGGATACTGCATCAGTTGGTT}$ TTAATTAGCCCCACTTCATCTTCGTTATCTTTCGCGACGATAATTTTTCTGCCCGACTTAATAGCTTCAGTTGCACTGGA GATTGCGCCGGGAACGCCACGCAGAGCGCCTGTAAGCGCCAGTTCTCCGACTAATTCATATTCATCTAACTTATTGGCTG TAAGCTGTTCTGAGGCCGCCAGCAACGCAATGGCGATAGGTAAATCATATCGTCCCCCTTCTTTTGGCAGATCAGCTGGA GCCAGGTTGATGGTGATTTTTTTCGCCGGATATTCATATCCGCTATTGATAATGGCGCTGCGCACGCGATCGCGAGCTTC TTTTACCGTTGTTTCTGGTAAGCCCACCATCGTTAAGCCGGGTAGACCTTTACTGATATGTACCTCAACAGTGATCGGGG GCGCATTTACTCCCAGGGCTGCGCGGGTATGAACAATTGACAGTGACATAAGCCCTCCTTGAGTCACCATTATGTGCATA AGATATCGCTGCTGTAGCCCGCTAATTCGTGAATTTTAGTGGCTGATTCCTGTTTATTTGTGCAAGTGAAGTTGAGTTGT TCTGGCGGTGGAATGATGCTCGCAAAAATGCAGCGGACAAAGGATGAACTACGAGGAAGGGAACAACATTCATACTGAAA  ${\tt CCAAAAAATATCTTGTACTATTTACAAAACCTATGGTAACTCTTTAGGCATTCCTTCGAACAAGATGCAAGAAAAGACAA$ AATGACAGCCCTTCTACGAGTGATTAGCCTGGTCGTGATTAGCGTGGTGGTGATTATTATCCCACCGTGCGGGGCTGCAC TGAATGGCGCACAGTGGGTGGTACATGCGTTGCGGGCACAGGGTGTGAACACCGTTTTCGGTTATCCGGGTGGCGCAATT GGCTTGCGGACGCACTGTTAGATTCCATCCCTGTTGTTGCCATCACCGGTCAAGTGTCCGCACCGTTTATCGGCACTGAC GCATTTCAGGAAGTGGATGTCCTGGGATTGTCGTTAGCCTGTACCAAGCACAGCTTTCTGGTGCAGTCGCTGGAAGAGTT GCCGCGCATCATGGCTGAAGCATTCGACGTTGCCTGCTCAGGTCGTCCTGGTCCGGTTCTGGTCGATATCCCAAAAGATA TCCAGTTAGCCAGCGGTGACCTGGAACCGTGGTTCACCACCGTTGAAAACGAAGTGACTTTCCCACATGCCGAAGTTGAG ATCCGTACTATCTGGGCATGCTGGGGATGCACGGCACCAAAGCGGCAAACTTCGCGGTGCAGGAGTGTGACCTGCTGATC GCCGTGGCCCACGTTTTGATGACCGGCTGACCGGCAAACTGAACACCTTCGCGCCACACGCCAGTGTTATCCATATGGA TATCGACCCGGCAGAAATGAACAAGCTGCGTCAGGCACATGTGGCATTACAAGGTGATTTAAATGCTCTGTTACCAGCAT  TGGGGCAGCACCAGATGTGGGCTGCGCAGCACATCGCCCACACTCGCCCGGAAAATTTCATCACCTCCAGCGGTTTAGGT  $\tt CGGCTCTTTCATGATGAATGTGCAAGAGCTGGGCACCGTAAAACGCAAGCAGTTACCGTTGAAAATCGTCTTACTCGATA$ ACCAACGGTTAGGGATGGTTCGACAATGGCAGCAACTGTTTTTTCAGGAACGATACAGCGAAACCACCCTTACTGATAAC CAGAAACCTTAGAACGTGTTTTACGCGTGGTGCGTCATCGTGGTTTCCACGTCTGCTCAATGAATATGGCCGCCGCCAGC GGTGGACGTCGCACACGTTGCCATCTGCCAGAGCACAACCACAACAAATCCGCGCCTGAGCGCAAAAGGAATATA AAAATGACCACGAAGAAAGCTGATTACATTTGGTTCAATGGGGAGATGGTTCGCTGGGAAGACGCGAAGGTGCATGTGAT GTCGCACGCGCTGCACTATGGCACTTCGGTTTTTGAAGGCATCCGTTGCTACGACTCGCACAAAGGACCGGTTGTATTCC GCCATCGTGAGCATATGCAGCGTCTGCATGACTCCGCCAAAATCTATCGCTTCCCGGTTTCGCAGAGCATTGATGAGCTG ATGGAAGCTTGTCGTGACGTGATCCGCAAAAACAATCTCACCAGCGCCTATATCCGTCGCTGATCTTCGTCGGTGATGT GGATGTGAACGGTTATATCTCTGAAGGCGCAGGCGAAAACCTGTTTGAAGTGAAAGATGGTGTGCTGTTCACCCCACCGT TCACCTCCTCCGCGCTGCCGGGTATTACCCGTGATGCCATCATCAAACTGGCGAAAGAGCTGGGAATTGAAGTACGTGAG  $\tt CAGCGTAGACGGTATTCAGGTTGGCCGAAGGCCGTTGTGGCCCGGTTACCAAACGCATTCAGCAAGCCTTCTTCGGCCTCT$ TCCCATTTACGAGACACTGGGAGTAAATAAAGTATGCCTAAGTACCGTTCCGCCACCACCACTCATGGTCGTAATA TGGCGGGTGCTCGTGCGCTGTGGCGCCCCCGGAATGACCGACGCCGATTTCGGTAAGCCGATTATCGCGGTTGTGAAC TCGTTCACCCAATTTGTACCGGGTCACGTCCATCTGCGCGATCTCGGTAAACTGGTCGCCGAACAATTGAAGCGGCTGG CATCTCGCGAACTGATCGCTGATTCCGTTGAGTATATGGTCAACGCCCACTGCGCCGACGCCATGGTCTGCATCTCTAAC TGCGACAAAATCACCCCGGGGATGCTGATGGCTTCCCTGCGCCTGAATATTCCGGTGATCTTTGTTTCCGGCGGCCCGAT GGAGGCCGGGAAAACCAAACTTTCCGATCAGATCATCAAGCTCGATCTGGTTGATGCGATGATCCAGGGCGCAGACCCGA  ${\tt AAGTATCTGACTCCCAGAGCGATCAGGTTGAACGTTCCGCGTGTCCGACCTGCGGTTCCTGCTCCGGGATGTTTACCGCTTGCTCCGGGATGTTTACCGCTTGCTCCGGGATGTTTACCGCTTGCTCCGGGATGTTTACCGCTTGCTCCGGGATGTTTACCGCTTGCTCCGGGATGTTTACCGCTTGCTCCGGGATGTTTACCGCTTGCTCCGGGATGTTTACCGCTTGCTCCGGGATGTTTACCGCTTGCAGTTACAGTACAGT$ AACTCAATGAACTGCCTGACCGAAGCGCTGGGCCTGTCGCAGCCGGGCAACGGCTCGCTGCTGCAACCCACGCCGACCG TAAGCAGCTGTTCCTTAATGCTGGTAAACGCATTGTTGAATTGACCAAACGTTATTACGAGCAAAACGACGAAAGTGCAC TGCCGCGTAATATCGCCAGTAAGGCGGCGTTTGAAAACGCCATGACGCTGGATATCGCGATGGGTGGATCGACTAACACC GTACTTCACCTGCTGGCGGCGCGCAGGAAGCGGAAATCGACTTCACCATGAGTGATATCGATAAGCTTTCCCGCAAGGT TCCACAGCTGTGTAAAGTTGCGCCGAGCACCCAGAAATACCATATGGAAGATGTTCACCGTGCTGGTGGTGTTATCGGTA TTCTCGGCGAACTGGATCGCGCGGGGTTACTGAACCGTGATGTGAAAAACGTACTTGGCCTGACGTTGCCGCAAACGCTG GAACAATACGACGTTATGCTGACCCAGGATGACGCGGTAAAAAATATGTTCCGCGCAGGTCCTGCAGGCATTCGTACCAC GATGACAGCATCCTCAAATTCACCGGCCCGGCGAAAGTGTACGAAAGCCAGGACGATGCGGTAGAAGCGATTCTCGGCGG TAAAGTTGTCGCCGGAGATGTGGTAGTAATTCGCTATGAAGGCCCGAAAGGCGGTCCGGGGATGCAGGAAATGCTCTACC  $\tt CAACCAGCTTCCTGAAATCAATGGGTCTCGGCAAAGCCTGTGCGCTGATCACCGACGGTCGTTTCTCTGGTGGCACCTCT$ GGTCTTTCCATCGGCCACGTCTCACCGGAAGCGGCAAGCGGCGCAGCATTGGCCTGATTGAAGATGGTGACCTGATCGC TATCGACATCCCGAACCGTGGCATTCAGTTACAGGTAAGCGATGCCGAACTGGCGCGCGTCGTGAAGCGCAGGACGCTC GAGGTGACAAAGCCTGGACGCCGAAAAATCGTGAACGTCAGGTCTCCTTTGCCCTGCGTGCTTATGCCAGCCTGGCAACC AGCGCCGACAAAGGCGCGGTGCGCGATAAATCGAAACTGGGGGGGTTAATAATGGCTGACTCGCAACCCCTGTCCGGTGCT   ${\tt GCGCAGGGCGTCGCGTTTTCTTCTGCGCGGTTAGGCCTGAAGGCCCTGATCGTTATGCCAACCGCCACCGCCGACATCAA}$ AGTCGACGCGGTGCGCGGCTTCGGCGGCGAAGTGCTCCACGGCGCGAACTTTGATGAAGCGAAAGCCAAAGCGATCG AACTGTCACAGCAGCAGCGGTTCACCTGGGTGCCGCCGTTCGACCATCCGATGGTGATTGCCGGGCAAGGCACGCTGGCG TGGATGCGGGTCATCCGGTTGATCTGCCGCGCGTAGGGCTATTTGCTGAAGGCGTAGCGGTAAAACGCATCGGTGACGAA ACCTTCCGTTTATGCCAGGAGTATCTCGACGACATCATCACCGTCGATAGCGATGCGATCTGTGCGGCGATGAAGGATTT ATTCGAAGATGTGCGCGCGGTGGCGGAACCCTCTGGCGCGCTGGCGCGCGGGAATGAAAAATATATCGCCCTGCACA TGCGAACTGGGCGAACAGCGTGAAGCGTTGTTGGCGGTGACCATTCCGGAAGAAAAAGGCAGCTTCCTCAAATTCTGCCA GACGACGAAATGGCGAAGCTACACGTGCGCTATATGGTCGGCGGACGTCCATCGCATCCGTTGCAGGAACGCCTCTACAG TCAATTAGCGGCTCATGTAGCCGCTTTTTCTGCGCACACACGCCCAGCTCAAACGGCGTTTTCTCATCGCTGCGCTCTAA AATCATCACGCGGTTACGCACCGGTTCGGGGCTGTTTTCCAGCACCACTTCCGGCAACAATGCCACGCCACAGCCGAGTG AGTTCAATGCGGCGGCGTACCGGCCCTGATCGGCCATAATAAACGGCACCGTTGACCAGTCCGGCTTCTCTACCGACAC GGTCACCGAGCAGAAGATATGTAATTCGCCAGAGAGCGACGGCCCTTGCTGATCGATGGTGTGGCGCAACTGCTGATACT GCGGCCAAAATGGCGGCTTTCCGCCAGATGCAGGAAGGTTTTCAGATCGCGTAAATCCACAGGGACAGCCCTCGATGTTG  ${\tt ACGTTGCAAAAATTGCAATGTGACGTTGTGAATATATCAATTTCCGCAATAAATTTCCTGTCATATAGTGAATTCAATCT}$ CGCAAACGCGAACCAACAATAAGAAGCACAACATCACGAGGAATCACCATGGCTAACTACTTCAATACACTGAATCTGC GCCAGCAGCTGGCACAGCTGGGCAAATGTCGCTTTATGGGCCGCGATGAATTCGCCGATGGCGCGAGCTACCTTCAGGGT AAAAAAGTAGTCATCGTCGGCTGTGGCGCACAGGGTCTGAACCAGGGCCTGAACATGCGTGATTCTGGTCTCGATATCTC CTACGCTCTGCGTAAAGAAGCGATTGCCGAGAAGCGCGCGTCTGGCGTAAAGCGACCGAAAATGGTTTTAAAGTGGGTA
GTACAGCCACTGATGAAAGACGCCGCGCGCGCTGGGCTACTCGCACGGTTTCAACATCGTCGAAGTGGGCGAGCAGATCCG TACCGACGCTGATTGCCGTTCACCCGGAAAACGATCCGAAAGGCGAAGGCATGGCGATTGCCAAAGCCTGGGCGGCTGCA  ${\tt ACCGGTGGTCACCGTGCGGGTGTGCTGGAATCGTCCTTCGTTGCGGAAGTGAAATCTGACCTGATGGGCGAGCAAACCAT}$ AAAAACTGATTCAGTTCGGTTGGGAAACCATCACCGAAGCACTGAAACAGGGCGGCATCACCCTGATGATGGACCGTCTC TCTAACCCGGCGAAACTGCGTGCTTATGCGCTTTCTGAACAGCTGAAAGAGATCATGGCACCCCTGTTCCAGAAACATAT GGACGACATCATCTCCGGCGAATTCTCTTCCGGTATGATGGCGGACTGGGCCAACGATGATAAGAAACTGCTGACCTGGC GTGAAGAGCCGGCAAAACCGCGTTTGAAACCGCGCCGCAGTATGAAGGCAAAATCGGCGAGCAGGAGTACTTCGATAAA GGCGTACTGATGATTGCGATGGTGAAAGCGGGCGTTGAACTGGCGTTCGAAACCATGGTCGATTCCGGCATCATTGAAGA GTCTGCATATTATGAATCACTGCACGAGCTGCCGCTGATTGCCAACACCCTCGCCCGTAAGCGTCTGTACGAAATGAACG TGGTTATCTCTGATACCGCTGAGTACCGTTACTGTTCTCTTTACGCTTGTGCCGTTGCTGAAACCGTTTATGGCA GAGCTGCAACCGGGCGACCTGGGTAAAGCTATTCCGGAAGGCGCGGTAGATAACGGGCAACTGCGTGATGTGAACGAAGC GATTCGCAGCCATGCGATTGAGCAGGTAGGTAAGAAACTGCGCGGGCTATATGACAGATATGAAACGTATTGCTGTTGCGG AGGCCTTGCTATTAGTTGCGGTACAGCACCTTAATGATGTGATATCCGAACTGGGTGTGCAGCGGGCCGGTCGGCTCCAG TACCGGACAAGAGAAACCACTTTATCGAACGCCGGAACCATCTGACCCTGGCGGAATTCACCTAAATCACCGCCGCGTT TGCCTGATGGGCAAATGGAGTGTTTCTTCGCCAGCTTGCCGAAATCGGCCCCGTTCTTAATCTGCTCGAGAAGATCCAGA GCCAGTTTCTCTTTTACAAGGATATGCAGTGCTGCTGCTGTTTTTTGCCATGATCGTGCCTTGAGTGAATAATTGTCA GGAAAATCCGGGCTTCGCAGGTCCCTCAAGGGGAAAACTTAGGGCCTCTATGGGCTACAAAGTCATTATCGGGGATGG  $\tt CTTTGGCCCAACGAATCTGCTGATCAAAGAATTGCAGGTCATTGATAACATTACTGGCTATTTCAACATGCATTCCACGT$ GCTCATCACACACACATAAGAGAGTCGGGCGATGAACAAGTGGGGCGTAGGGTTAACATTTTTGCTGGCGGCAACCAG CGTTATGGCAAAGGATATTCAGCTTCTTAACGTTTCATATGATCCAACGCGCGAATTGTACGAACAGTACAACAAGGCAT TCGGTAATCAACGGTATTGAAGCTGATGTTGTCACGCTGGCTCTGGCCTATGACGTGGACGCAATTGCGGAACGCGGGCG GATTGATAAAGAGTGGATCAAACGTCTGCCGGATAACTCCGCACCGTACACTTCCACCATTGTTTTCCTGGTACGTAAGG GAAATCCGAAGCAGATCCATGACTGGAACGATCTGATTAAACCGGGTGTTTCGGTGATCACGCCTAATCCGAAAAGCTCT GGTGGCGCGCGCTGGAACTACCTGGCAGCCTGGGGCTACGCGCTGCATCACAACAACAACGATCAGGCAAAAGCACAGGA TTTTGTTCGGGCACTGTATAAAAACGTCGAAGTTCTGGATTCTGGCGCGCGTGGCTCCACTAACACTTTTGTCGAGCGCG GAATTGGCGATGTACTGATTGCCTGGGAAAACGAAGCTCTGCTGGCAGCGAATGAACTGGGGAAAGATAAATTCGAAATC GTCACGCCGAGTGAGTCTATCCTCGCAGAGCCAACCGTGTCGGTGGTCGATAAAGTGGTCGAGAAAAAAGGTACTAAAGA GGTGGCGGAAGCCTACCTGAAATATCTCTACTCGCCAGAAGGTCAGGAAATTGCCGCGAAAAACTACTACCGTCCGCGCG ACGCTGAGGTGGCGAAAAAGTACGAAAATGCGTTTCCAAAGCTGAAGTTATTCACCATTGATGAAGAGTTCGGCGGCTGG  ${\tt ACGAAAGCGCAAAAAGAGCATTTTGCTAACGGCGGTACGTTCGATCAGATCAGCAAACGCTGATTTCCCCAGGATAATTA}$  ${\tt TCAAACCCGGTGGTTTCTCGCGACCGGGTTTTTTATTTGTCACGATTTTGCGTTACCCTTGCATCTCTTTGAGGTACAGG}$ GAAAAAAGATGAAAAAAGCGGGTCTTCTTTTTTTGGTGATGATAGTTATCGCCGTTGTGGCTGCCGGTATTGGTTACTG GAAATTAACCGGTGAAGAGTCGGATACATTACGTAAGATTGTCCTTGAGGAATGTTTGCCCAATCAGCAGCAAAATCAAA ATCCTTCGCCATGTGCGGAAGTCAAACCCAATGCCGGATACGTGGTTTTAAAAGATCTTAATGGCCCACTGCAATATCTG GCACCGGGCGTACGCAAAACCATTTTCATATTCATATCTCTTGTATTCGTCCTGATGTGCGCAAACAGCTGGATAACAAT AAGCGAACTGGTACAACGCAGCCCATTTATGATGCTGGCAGAAGAAGTACCTGAGGCGCGGGAACATATGGGACGCTACG GGCTGGCGATGGTACGGCAGAGTGATAACTCATTTGTATTGCTGGCGACACAACGAAATCTACTGACGCTTAACCGTGCT AATCCGGCACCTGTCAGACTTAAGCCTGTTTAGCCGCTTCTGCAGCTTTAACGATTACTGCGAAGGCGTCAGCTTTCAGA GAAGCACCACCAACCAGCGCGCCGTCGATATCCGGCTGAGCAAACAGTTCTGCAGCGTTAGACGCGTTTACAGAGCCGCC GTACTGAATGATCACTTGTTCAGCGATGTTAGCGTCAACTTTAGCGATGTGGTCACGGATGAATTTGTGAACAGCCTGTG  ${\tt TTCACCGATGCACAGAACCGGAGTCAGGCCCTGCTCTTTCAGCACCGCGAATTTTTTCGCGATCAGTTCGTCAGATTCTT}$ TGTGGTAAGTACGACGTTCAGAGTGACCGATGATGATGTACTGTGCGCCGATGTCTTTCAGCATAGCAGCAGAGGTTTCA  GCTTATAAGCGAATAAAGGAAGATGGCCGCCCCGCAGGGCAGCAGCTCTGTGAAACAGTATAGAGATTCATCGGCACAAA GGCTTTGCTTTTTGTCATTTATTCAAACCTTCAAGCGATTCAGATAGCGCCAGCTTAATCGGTTCAACAGCGAAGGTCAG TTAGTAGCGACTGCAGTTTTTTCTGGCTTTGTGTTTTTGGTCATTAATGGGGTGAGTGTGCGGATCACCGCTGCCATGTAT  ${\tt TCCTGAGCTTTCGCGGCTTTTTGCTCTGGCCCCTGGATGGGTAGCCAGGTCATTTGAATGCTTTTGATTTTTAA}$ GGTACCGCGCTCCAGCGCTGTAGAAGCATACAAGTTCTCATTAATTTTACTTGCAGCACGAGTGAGATTGGCTTTGTCGG GACTGCTGTCGATGGCACGAAATTCGTTCAGTGGCAGGCTGGGATTCTGGCTGTTAAAGTCTTCTCGAAACTGGCTGATG GAGAGATCGAAAGTAGGGGCTCCAGCCAGCAGATAAGGCGCGGTCGTTGCCGTATCTGGTGTTTGTGCATGCGCCTCTGT TGTAACGGTTAATGCAGAACATAAGAGAAAAAACAGCGTACACCCTGGCTTCATTGACAGTACCTTTTGTTATGACTGGC TCCGATTAAAACGATATCTGTCGCCCTTGTCAAAAGGGTAGAATCCTGGAAAAGACAACCATCAAGGAACTTACATGACC GGCCAACAGCGGCAGTAACTGTTAAGCGCTTGCATGATCGCGGGCGTTCCGGCGCATGGGCATTTCTGATGATTGTGGCG TGGATGCTGCTGGCGGTAACTGGGCGATTTTACCGGGTGTCTGGCAATGGGCGGTGGGGCGTTTTGTCCCGACGTTGAT TGAAGTATAAAGCCGACAATAAATCAAGTAATTAACCTTTAATATCTCTTTACTGCTATTTTTTTCCGGGATTGTTATT AAGATCATTACTTGTTTGTTCTCCCTTAACGGCGCATTATTCTTAAGTCGTAATCGACAGAGAGGCGAATATACAGAGG  ${\tt CCGCTACATCCTCTGCAGATGAAGGGGCCAGCGTGGCCTATAAGATTAAGGATCTGGAGGGGCAAGTTGAGCTTGATGCG}$ AAGGAGTTAAACATGGCTTATAAACACATTGGCGTGGCAATTTCCGGGAATGAAGAAGATGCCTTACTGGTGAATAAAGC TCTACTTCCCTGCAACAGAAGATATTCTTCAATTGTTGAAGAATAAGTCGGATAACAAGCTGTATAAACTGACGAAAAAT ATTCAATGGCCGAAGACAAAACTGCGTATTGAACGCGGAGAAATGCCGGAAACACTGCTGGAAATTATGCAAAAAGAGCA GTGCGACCTCCTTGTCTGTGGTCATCATCACTCATTTATCAACCGTTTGATGCCGGCATATCGCGGGATGATCAATAAGA TGAGTGCGGATTTGCTCATCGTGCCGTTTATCGATAAGTAACCGCTTACCAGTAATGCTCCGCTGTCATATGGCCCGGTC GGCGACGTAAATGTTTCGTCATCTGCCGGGTCTCTTTCAGCAACTGTTGTGTATCGCGCACCATCTGTGGATTGCCGCAC AGCATCACATGGCTGGTTTCTTTATTCATCGGCAGGCCAATCGTGCTTTCCAGTTCCCCACTTTCAATTAATGCCGGTAT GTTCCTGCATCAGTGGCAAATAGCTTAAGTCGGCGGCATAACGTGCGGCGTGCACCAGGACCAGATTTTTGAAGCGATCT AAATCTTTACCTAGTTGCAGAATCGATAAATAAGGGCCAATCGCTGTACCGGTTGCCAGCATCCATAGCGTTTCGCAGTG GTGGGCTTAATTTGCCATCGGGGACGGTGACCAGGTAAAACTCCAGATCGGGATTATCGGGCGAGTTTACATAGGAGTAG GCGCGCTGGACGCGTTCGCCGTCGATTTCAAGGCCAAGCTTGGTAAATTGCCCGGCGGTAAACGGAAGCACGGGGGCGTG  ${\tt AACGGTGAGACTAAACAGGGCGTCGGTCCAGTTCTGCACTTTAGTGACTTTGCCTGTTACCCAATCAGCCATGTTTTTCT}$  ${\tt CCTGTTTTGATTGACTTGCCTTATCTTCGTTCTCCGAACAAAAAAATTCCAGTCCCGAAGGACTGGAAGGCTCAATCGAT}$ GCGTGACTTGCCGCGGATCAGCAGCGTTTCGGTAGTCGCGATATTGCCTTTGCGGCTAATGCCTTCCAGCAGATCGCCTT TGGTAATACCGGTGGCAGAGAAGATGACGTTATCGCTGCGCCCCATATCGCCCAGGCGCAATACTTTACCGGCTTCGATG CAGCAGACGACCGTTCATGTCGCCATCTAATGCGCGGATCACCGCCGCAGAAACTACGCCTTCCGGCGCGCCACCAATAC  ${\tt CGTACAGCACGTCAACTTCGCTGTCTGGCATACAGGTGAGAATTGAGGCCGCAACGTCGCCGTCCGGAATAGCAAATACG}$ GCCCGACAATCAGCTTCTCCATATACATATCCGGCGCATTGAGGAAGCAGCCTTTATCGCCTACTGCCAGCACCGCCAGC GCGTTAGCCTGGCCCATCGCCGTCATGCGCGTGCCTTCAATCGGATCAACAGCAATATCTACCGCGTCGCCGCGACCAGT ACCGACTTTTTCACCAATGTAGAGCATCGGTGCTTCGTCGATTTCACCTTCACCAATGACGATGGTGCCGTCAATGTTGA  $\tt CCAGCCAGCGCGCTGATTCGGTGACGCGGGAAAATTCGATGGCAAGTTCTCGTCTCATAGCAAACTCTAAGCAGTAAGG$ GATGCGGCATAAACGCTTCATTCGGCATTTACATTATTCGTCGTGTTCTTCCCACGCCATCGCGCGTTTAACCGCTTTTT TCCAGCCTGCGTAACGGTAATTACGCTCAGTGGTTTCGATGCCTGGACGGAACTCGCGCTCAATCACCGCTTTCTCTTGC AGCTCGTCGAGGTTCTGCCAGAAGCCAACCGCCAGGCCTGCGAGATAGGCCGCACCCAATGCGGTGACTTCGCGCACTTC  ${\tt CGGGCGCTCAACGCGGGTGCCGAGAATATCGGACTGGAACTGCATCAGGAAATTGTTTGCTACTGCGCCACCATCCACGC}$ GCAGGGCGTGCAGACGGATACCAGAGTCGGCCTGCATCGCTTCCAGCACGTCACGCGTCTGATAAGCAATAGACTCCAGC GTCGCGCGTATAATGTGGTTAGCGTTCACCCCACGAGTCAGACCGAAAATCGCCCCGCGCGCATACGGGTCCCAGTACGG AGGCGTCGTTAATCAACTTCATTTCATCGCGCAGCCACTGAATGGATGCGCCTGCCATAAACACCGCACCTTCCAACGCA  ${\tt TAGTTCACTTCGCCAGTCGGCCGCAGGCGATGGTGGTCAGCAGGCCGTTTTCTGATTTCACCGCTTTTCTCGCCAGTGTT}$ CATCAGCATAAAGCAGCCAGTGCCATAGGTGTTCTTCGCCATCCCTTCTTTCACGCACAACTGACCAAACAGCGCGGCCCT GCTGGTCACCGGCGATCCCGGAGATTGGAATACGCGTGCCGCCTTTGCCGCCAATGTTAGTCTGACCGTATACTTCGGAA GAACGACGCACTTCTGGCAGCATCTCGCGCGGAATATCCAGCACTTCCAGCATTTTGTCGTCCCAGTCCAGGGTATGGAT GTTGAACAACATGGTACGAGAGGCGTTGGTGTAATCGGTCACATGGACACGGCCCTGAGTCATTTTCCAGATAAGCCACG TATCAACCGTACCAAACAGCAATTCACCACGACGTGCACGCTCGCGAGAGCCTTCCACATGGTCGAGGATCCACTTCACT TTGGTGCCAGAAAAGTACGGGTCAATCACCAGACCGGTATTGCTGCGGATATAATCTTCTAAACCGTCACGTTTTAAATG TAGTGGTTTCACGCTGGTTCGTAATACCGATAGCTGCAATTTGATCGGAACTGATATCGGCTTTCGCCAGCACTTCTACC GCGCTGCGACACGCTAATGATATTGGCATCGTGATCCATTACGACCGCGCGGGAGCTGGTGGCCCTGGTCGAGCGCAA TTCCTTTCCTCCACAACACAGATATCGCAAGGCAAATGGCGACCAATCAGTTTGCGGTAGGCAAATGCACCTACAATCG GCCAGCCAGGCAAAGACTTTCGGACCGAAGTCACGCGCTGGGTTCATGGCAAAACCTGTCAATGGGCCCATAGATGCGCC GGATCAGCCCCATCAGAATAGCGGTAATCACCATCTCAACTGCGAAAGCCTGCACAAAATTGATATGAGGATTAGGGTAA ATTGTAGTAAAGCCCGTAAACTAAAGCCGCAGCACAGAAAGCGCCGGCAACTTGTGAAACGATAAAAGGAATAACTTTGC GCTTGTCGAAACAGCCAAACAGCCACAATGCAATGGTAACAGCGGGATTAAGATGCGCGCCGGAAACCCCTGCGGTCAGG TAGATGGCCATTGCCACCCCCAGTCCCCAAATGACACTGATTTCCCACTGACCAAAAGACGCACCAGCGACTTTTAGTGC TGCAACGCAACCCACACGGAAGAAATCAACAACCCGGTACCGAGGAATTCAGCAATGCACTGGCCTTTCAAGGTTGATG TTTGACTCATAATCGGATCCTGAAGAGTTAATGTTTGTTGTATGCGTGAAAGTCACGGACCTCCACGATGCTTGTAGGCA ATTGATGTGGATTATGTCACCAGGAGAAGGATGAAAAGTGTGGCAAACCGTAATCTGCAAGGCGTGCCGCTGGACAGCGATTTATCCATCAACGCCTTGCAATTCAGGAGAGGTATGACAATGTCATTAGAAGTGTTTTGAGAAACTGGAAGCAAAAGTAC GTTCAAAATGCCCAGCATCAGCGCGAAGAGCTGGAGCGTGAGAACAACCATCTGAAAGAACAGCAGAACGGCTGGCAGGA  ${\tt CAACAGGTAACGCAGAAAAAAGGCACCTTGCGGTGCCTTTCTTATCATTCAATATCCAGCGGATCTTCTGAAAGAATAAT}$ TGCCTTCGCCAGCGGCACCAACCGGAATTGCCGCCATCGCCTGGATGCCGATATCCAACTCTTCCAGGTCATCTACCTGA ACGAACAGAACCACCGCCATCGACGACAAGAACACGACCACGGCCATTCTGTTCGAGCAGATCGTACAGCAACCCGTTGT TTAACATCTTCTTGATAGATGTCACAAAGCTCGGAAGTATCGTATTTCATAGGCTTAACATTCAGTTGCTGCGAGAATTT TCAGTATATCGCGCTATGTGGGCTGTTGGCAAAATCATCAATTGTTAATTGATATTTGTCAGTTATGCTGCCCACTGGCT TAGGAATATCCCTAAAACAACAGCAGGTTAGTCAGTAACGCTCCCTTGACAGTACGTTCCAGCATTGGTCGCCATCGCCA  ${\tt CCGGGTCCATTTCCCGCATCACATAACGGGCTTGCTTCACCAGTAATGGTGCCGCCAGCAGGAACAGCCCAGCCCCACAGG}$ GTACTGCCGTTGCCAGCAGGCCGCATGCGGTCGCCGGAAGGATCAGTGCCGGAATCAATGTATGAGCCTGTAAATACCAG CTCCCCATGACACCAGCCAAAGAAAACCAGTACGGAAATATCACCCAGACCGATATAACCATAAGGACGATTGCC CACGGTGTAGGTGATAGCGGCAATGATCGACAACCCGCCAAGAATCAGGAAACCGACAAAATCGGCCAGCGTATGGCATG ATGACCCCTTTTTGCATGCCGCGTAGCGGCCCAATGCGGTCAGGTTTATCGCTGCCTTTTACCGCATCGCCGTAATCATT GGCGAGGTTAGAAAGGATCTGTAATAGCCCGGCGGTAATTAGTGCCAGCAGGGCGACCAGCGGATCGAAGTGACCTTGCC TGAGTTCGGCTAATTTGTTGTTCAGTCATAATACGCGCCCAATAAAAATGGGGGCCTTTCAGCCCCATCAAACAATGATGAA AATGATTGAACGCGATTATAGGATAAAACGGCTCAGATCTTCATCTGCCACCAACGCATCCAGATGTTTGCTCACATAAT CTGCGTCAATAGTGATATTTTGACCGCTTAAATCGCTGGCGTCGTAGGAAATCTCTTCCATTAAACGCTCCAGAACAGTG TGTAAACGACGAGCACCGATGTTTTCGGTAGATTCGTTCACCTGCCATGCCGCTTCCGCGATGCGTTTAATACCGGAGTC GGTAAACTCGATATTTACGCCTTCAGTCGCCATCAGTGCTTTGTACTGCACGGTGATAGAGGGCATTCGGCTCGGTCAGAA  ${\tt
TACGCTCGAAGTCGCTGGTGGTCAGCGCCTGCAGTTCAACGCGGATTGGCAGACGACCTTGCAGTTCCGGGATCAGGTCAG$ GACGGTTTCGCAATCTGGAACGCGCCAGAAGCGATAAACAGAATGTGGTCAGTTTTGACCATCCCGTGTTTTGGTGGAAAC GGTGCAACCTTCTACCAGCGGCAGCAGGTCACGCTGAACGCCTTCACGAGAAACATCCGGACCGGAAGACTCGCCGCGCT TACAGATTTTGTCGATTTCGTCGATAAACACGATCCCGTGCTGCTCAACAGCGTCGATAGCGTCTTGCTTCAGCTCTTCC  ${\tt GGGTTCACCAGTTTCGCCGCTTCTTCAATCAGCAGCTTCATGGCGTCTTTGATTTTCAGCTTACGCGCTTTTTGCTT}$  $\tt CTGGCCGCCCAGGTTCTGGAACATGGACTGCAGCTGGTCATCTCTTCCATGCCCGGAGGAGCCATAATTTCAACGC$  $\tt CGAGCAGCGGACGGTTCCTGCTGCTGTTCGGTCTGTCCCCAGTTGTTTTTAGCAGGTGGGATCAGCACGTCGAGAATACGCAGCACGTCGAGAATACGAGGTGGGATCAGCACGTCGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACGAGAATACAGAATACAGAATACAGAATACAATA$ TTCTTCTGCCAGTTCTTCAGCGCGATAACGGTTTTTCTCGATAGCCTGGACGCGTACCATTTTCACGGCGGCATCGGTCA GATCGCGAATAATAGAATCCACTTCCTTACCGACGTAGCCCACTTCGGTGAATTTGGTCGCTTCAACTTTGATGAACGGC GCATTCGCCAGCTTAGCCAGACGACGGCGATTTCAGTTTTACCGACACCGGTCGGGCCGATCATCAGGATATTTTTCGG GGTCACTTCATGGCGCAGCTCTTCGTTGAGCTGCATGCGACGCCAGCGGTTACGCAGAGCAATCGCCACAGAACGCTTGG CGTTGTCCTGGCCGATGATGTGCTTATCCAGTTCGCTGACGATTTCGCGTGGGGTCATTTCAGACATGGGAGATCCTTAC TAGCAATAAGATCGTTTTCTGGCTGCACCACGTCACCGTTACCGGTGATGATAAGCGATGCAGTTTCATCCGCGACTGCC AGCAGTGCTTCAAGTTTGCGCAGCATGCGATCGGTACGCCAGTCTTTTGCCAGCTCAACGGCGGCTTTGACCAGATGGCC GCGATGACCACATGGCCGTTACGGCGTACGCTTACTATAGTTGTCACGAGCTGACCCCTTGGTTACGAATACAGAGTACA  ${\tt AATGCAGTTTGTATGACCCGCCATCTTCAACCGATTGAGGGTGCTGTCTGCGTTCTCTTTGCCTTTCACCGGGCCAATGA}$ TGTTCCGCGCCTCTGAACGAACCGCACTGCACCATCCAGCGGCGTTCGTCTTTTTTCTCCGCCGTCGGTTTTGGCGCGTC AGCGGCACGAGCAACTGGCGCAGCTTGCTGCGGCTTCGACTGCGCAGTCGTGTGCGCAGGAGTTTGCAGCAGATCCTGGT TGCCAGCTTTGTTCAGTCGTACGCGACTGCTGAGCCAGGCGTTGCTGTTCCGCTAATTGCTGCGCCTGACGTTGGCGCTG   $\tt GTGGGCGCACTCCCGGCTGGCGACTTTCCAGCTCTTTAATGTAGCGCCAGCGTTCTTCTGGTTTTTGGTGGTAGTCC$  ${\tt CGTTCGTCAGCCCGCCATGTTACTTAAGCGGCGGGCCTTTGACCAGTCACGGCAGTCTTAAAGGTTTACTTTAAGGTAAC}$ GCGCGTGTTGATCCCCGGATGATAAGTTCGCAGTCCATTAAACGAGAGCCACTGCCAACGTGTTGCCCCTGCATTTGATC AAGCAATAACAGCATAGCTTCCCGACCGATTTCGTAACGCGGCTGCGCGATGGTTGTCAGCGGCGGATCACAAAATTGCG  $\tt CCGAGCGCCATCACATCGCTATGGCAGAAGACAGCAGTAGGCGGTTGTGGAAGATCAAGCAGCTGCTGCATCGCTTTGCT$ TCCGGCTTCGAAGGTGAAGTCGCCACGGGCGATGTATTGCGGATCAACCATAATGCCGCAGCGACGCGCCTGAACAT AGCCTTGCAGGCGGTAGTGACACAGCGGCATCTCTTCGGGACCGGCTATACAGCCAATCCGTTTATGCCCTTGCTCATAT AAATAATTTACTGCATCAAATGCGGCGGTCAGATTGTCGATATGAACTGTAGGCAGCTCCAGCTCCGGTGCAAATTCGTT CGCCATCACCATCGGCGGCAGATTACGCTGTTCCTCAATGCTGGCATCAAACGGCAGCCTTGAACCCAGCAACAACATGC AGATATCCGTGATTTGCCGCCGTAACTTCGATACCGCGAATAATTTCGCTAAAGAAGGGATCGCAGATATCCGGGACAAT  $\tt TTTCAACCCGATTACGGGTGGCCTGGGAGACTTTATCGGGATTCATTAATGCTCGGGAGACGGTCGCTGTAGAGACTTTT$ GGCGTACTACATCCATGTTTACTTCACATCGGCAACATTTTTAGCAGATAGCGCGTGAAAACGGTTACAGAATTTTCATG CCCATTTCACCTTACGGGAATCCGGTATTGTATTGATGAGCGCCAGCGTACCGTTAATGATGTGTTGCAAGCGCACGCGG GAAGGGTGCTGCAACAATATCTGCCAGCGCCAGCGACCGCCACGTTTAGGTGCCAGAGCCGGAACCGGACCGAGAACCCA CAGTTTCTCGTCTGCCAGTGGGCTGGAGAGGATCAGATTACGCAGTTGTTGCAGGAACAATGGCGCGTGCTGATTGTTAT  ${\tt AAGGCGTCGTAGCCTTTATAGAGCAACGTTTGCAACAGAGGATGTTCCGGATGGTGCGTTTGCAGCACCACTTCGCCCTG}$ TTTACCCGCACGCCCGGCACCGCCGACCTGGGTGTAAAGCTGAGCGAAAACGCTCTGCCGAGCGAAAATCGGCAGAAA ATCAAAATCCGCGCCGCCGCGATGTACTTCTGCCAGTTGCTGTTCCAGCGCCCCTTTGCGGCTGGTGGTATCGCGGTC GATACGAGAAATGGGCACGCCGGGGAACAACGGCGCGAGCGTCTGTTCAAGCTGTTCGGTGCCCAGCCCCACGGGGACCA GGTGCGTGGAACCGCAGGAAGGGCACTGGCGCGCGCACCGGACGCTGACTGTCACAGTGGTGCAGCGCAGATGGTGCTGC GCCTGATGCAGCGTGTAGTAGTGATCGCAACGTGGGCATTCGGCAATCCAGCCACAGTCGTGGCACAGCAGTGCAGGCGC AAAGCCACGGCGGTTAAGAAAGAGAATGACCTGGTTATCAGCCTGTAAATGCTGGCGCATACGAGTGATTAACGCCGGAG  $\tt CCAGACCTGCCTGCACCTTCTGACCTTTTAAATCCAGCACATGTTGAATTGCCGGACGCGCATTCCCTGCCCGACGGGTC$ GATTTGCTCGCTGTGCGCACGATACACCGCCAGGTCGCGGGCATGATAGCGCCCAGCCTTCCTGCTGCTTGTAGGAGCTGT CGTGCTCTTCATCAATGACAATCACGCCGAGATTTTTAAACGGCGTAAACAGCGCGGAGCGGGTGCCGATCACAATCGCC  ${\tt ATTAAAACGTTCACGAAAACGGGCGATAGTTTGCGGTGTCAGGCCGATTTCCGGCACCATCACCAGCGCCTGTTTGCCCT}$ AAAGTATCTGCCGCGCTATGAATTGCGCCAACGGCGGTGGCCTGTTCGGTATTCAATCGCAACCGCTCACCAGAAACGGC ATAGTTCGTTCGCCAGTCGCTAAACTCTGGTGTTTTCACTTGCTAAATCACACAGACCTTTTTTTGCGTAGCGCCTGCAACG TTGGGGGAGCGTTTCAGGCTGTTCAGATCCACCGCCTGGCCTTGTTCAGTGGCAAACCAGTACCACATCGGCGCGTTCGC  ${\tt CGCAGGCCGCCCTGGCGTAGTAAAATCGGCAAGGCATGAAACAGCACATCGCCAATCGGATGATGATAGTAATCTGCCG}$  ${\tt CCCATAGCAGCAATCGCCAGACGGAGTGAGTAAACACCGGCTCACTATCCAGCACTTCGACTACCGCTTTTAGCTCATTG}$ AGCGGCAGTTCGCTGGCATCGCTAACTGATACCACAATCCCGATGCGCTCCTGCTGTTTGCCAAACGGCACGCGCACGCG ACACCCAGCTTTAACCGTCATGCCTTCTGGCAGCAGATAGTCAAAGGTACGAGGAAGCGGAACGGGCAAGGCAACGTGGG  ATACGCTGGTTAATTTCTGTATGATTTCGCGCCTTCGTACGAAATGATCGTATTGAAGCTATACTTTTAACATCGCGTGG TGTCTGGCGTTAGGGCTGGAAGAGCGACGCGGCCTTAAACCGAGGTTTTCCCATGAAAAAAGATATTCACCCGAAATACG AAGAAATTACTGCTAGCTGCTCTTGCGGTAACGTAATGAAAATCCGCTCCACCGTTGGTCATGACCTGAACCTCGACGTG TGCAGCAAGTGCCACCCGTTCTTCACTGGCAAACAGCGTGATGTTGCTACCGGTGGCCGTGTTGACCGCTTCAACAAGCG TTTCAACATCCCGGGCAGCAAATAAGACCGGATTTCCGAAAAAAGCGCCGCACGGCGCTTTTTTTGTGCCTGAATTTTGG TCGTATTACCACGAAAACAGCGGCCATTCTTTGGCGACCGTGGTGAGTTGTGGCGCATCGAAAACGGCTTGTGGCGAGAC CTTTCAACTTCTGCTCCCCCCCCCCCCCCCTTCCCAGCGCGTTCTGGTAAACCTTCCACACCACTTCCGAACAGTACTGG  $\tt CGATCGTCGCTCCATGAGAAGCTGAAATCATACGGTTTACCGAGATAACGTTTTGCCGTTTGCGCCAGTTTTTGCTGTTG$ TTCAACACTCAGTCCGCCTTCAACGCGGCGAACAACGTATTTGCCCTTTTCACCATGGGCGATCCACTGCTTGAGCGGGG TGTATTTCACCGGGCCGACTGCTTCAAAAACGTAGGGCTTTTTGTTGCGTATCACCAGCATACCGGTGTGGCTATAATCG GTATGGGTCGCCAGTTGGATCGCTTTACTTTGCGATGAGCGAGAGATCTGAAAGATGATGTCGCCGGTTTGTGGCTGCCA GGCAAAGGCAGGTACAGAAACCAGCAGGCTGAGGATCAGCAGCCTGTTTTTCATAGTTAAACGTCCATGTATAAAAAAGCG  $\tt GTGGGTCGCAGACACGTGCTCGTTGTTTATGCCGGATGCGGCGTGAACGCCTTATCCGGCCTACAAGTTCGTGCAAATT$ GTATTCCCACGTCTCCGGGTTAATCCCCATCTCACGCATGATCTCTTTTGCCGCTTCCGGGATTTCGTCGCTGCGCTCTT TACGCAGATCGCCATCATCCGGCAAAGGTTGCCCGGTAAAGGCATGCAGAAACGCTTCGCACAGCAGCTCGCTGTTGGTA  ${\tt GCGTGACGCAGGTTGTTCACCTGACGCGTGCGTTCATCGGTGAGGATTTTTAACACCCTTAAGAGGAATGGAAACCGT}$ AATCTTTTTGACTTGTCACTCTTCTTGCCGTGCTCAGCGTATGGGCTGATATATTCGCCGCTCCATTCAGCCATGAGAT  ${\tt ACTTAATCCTCTTCGTCAATAAATTGAGACCAGACCACAGTTGATGTGGGTACTGACCGTAAACCCGCATAGTTTACC}$ GTACAGGCGTTACCGTGACATCGTGTAATGCACCTGTCGGCGTGATAATGCATATAATTTTAACGGCTATTTGGGATTTG CTCAATCTATACGCAAAGAAGTTTAGATGTCCAGATGTATTGACGTCCATTAACACAATGTTTACTCTGGTGCCTGACAT TTCACCGACAAAGCCCAGGGAACTTCATCACATGACGCGTAAACAGGCCACCATCGCAGTGCGTAGCGGGTTAAATGACG
AGTACTTACTAATACCGGCATGTCCGCGATTCACCTGGTAACGACCGTCTTTTTGAAACCTGGCGATCTGCTGGTTGCGC  $\tt CAAGGCGATGAACAGGCATTACGGGCAGCGCTGGCAGAAAAACCCAAACTGGTACTGGTAGAAAGCCCAAGTAATCCATT$ GTTACGCGTCGTGGATATTGCGAAAATCTGCCATCTGGCAAGGGAAGTCGGGGCGGTGAGCGTGGTGGATAACACCTTCT TAAGCCCGGCATTACAAAATCCGCTGGCATTAGGTGCCGATCTGGTGTTGCATTCATGCACGAAATATCTGAACGGTCAC  ${\tt TCAGACGTAGTGGCCGGCGTGGTGATTGCTAAAGACCCGGACGTTGTCACTGAACTGGCCTGGTGGGCAAACAATATTGG}$ GCAACGCGCAGGCGATTGTGAAATACCTGCAAACCCAGCCGTTGGTGAAAAAACTGTATCACCCGTCGTTGCCGGAAAAT  ${\tt ACCGGTATTGAAGATGGCGAAGATTTAATTGCCGACCTGGAAAATGGCTTCCGGGCTGCAAACAAGGGGTAAAAATGAGT}$ GTGATTGCGCAGGCAGGGGCGAAAGGTCGTCAGCTGCATAAATTTGGTGGCAGTAGTCTGGCTGATGTGAAGTGTTATTT GCGTGTCGCGGGCATTATGGCGGAGTACTCTCAGCCTGACGATATGATGGTGGTTTCCGCCGCCGCTAGCACCACTAACC AGTTGATTAACTGGTTGAAACTAAGCCAGACCGATCGTCTCTCTGCGCATCAGGTTCAACAAACGCTGCGTCGCTATCAG TGCGATCTGATTAGCGGTCTGCTACCCGCTGAAGAAGCCGATAGCCTCATTAGCGCTTTTTGTCAGCGACCTTGAGCGCCT GGCGGCGCTGCTCGACAGCGGTATTAACGACGCAGTGTATGCGGAAGTGGTGGGCCACGGGGAAGTATGGTCGGCACGTC TGATGTCTGCGGTACTTAATCAACAAGGGCTGCCAGCGGCCTGGCTTGATGCCCGCGAGTTTTTACGCGCTGAACGCGCC GCACAACCGCAGGTTGATGAAGGGCTTTCTTACCCGTTGCTGCAACAGCTGCTGGTGCAACATCCGGGCAAACGTCTGGT GGTGACCGGATTTATCAGCCGCAACACGCCGGTGAAACGGTGCTGCTGGGGCGTAACGGTTCCGACTATTCCGCGACAC AAATCGGTGCGCTGGCGGTGTTTCTCGCGTAACCATCTGGAGCGACGTCGCCGGGGTATACAGTGCCGACCCGCGTAAA GTGAAAGATGCCTGCCTGCTGCCGTTGCTGCGTCTGGATGAGGCCAGCGAACTGGCGGCCCTGGCGGCTCCCGTTCTTCA  $\tt CGCCCGTACTTTACAGCCGGTTTCTGGCAGCGAAATCGACCTGCAACTGCGCTGTAGCTACACGCCGGATCAAGGTTCAAGGTTCAAGGTTAAGG$   $\tt CAGGTGCCCGCCAGTCAGGATTTCAAACTGGCGCATAAAGAGATCGACCAAATCCTGAAACGCGCGCAGGTACGCCCGCT$ GGCGGTTGGCGTACATAACGATCGCCAGTTGCTGCAATTTTGCTACACCTCAGAAGTGGCCGACAGTGCGCTGAAAATCC  ${\tt TCGACGAAGCGGGATTACCTGCGGAACTGCGCCTGCGTCAGGGGGCTGGCGCTGGTGGCGATGGTCGGTGCAGGCGTCACCC}$ AAAAACGCATCGGCCTGGTATTGTTCGGTAAGGGCAATATCGGTTCCCGTTGGCTGGAACTGTTCGCCCGTGAGCAGAGC ACGCTTTCGGCACGTACCGGCTTTGAGTTTGTGCTGGCAGGTGTGGTCGACAGCCGCCGCAGCCTGTTGAGCTATGACGG GCTGGACGCCAGCCGCGTTAGCCTTCTTCAACGATGAAGCGGTTGAGCAGGATGAAGAGTCGTTGTTCCTGTGGATGC TGATCGACAGCGGCGATACTATTTTGTCGATCAGCGGGATCTTCTCCGGCACGCTCTCCTGGCTGTTCCTGCAATTCGAC GGTAGCGTGCCGTTTACCGAGCTGGTGGATCAGGCGTGGCAGCAGGGCTTAACCGAACCTGACCCGCGTGACGATCTCTC TGGCAAAGACGTGATGCGCAAGCTGGTGATTCTGGCGCGTGAAGCAGGTTACAACATCGAACCGGATCAGGTACGTGTGG AATCGCTGGTGCCTCATTGCGAAGGCGGCAGCATCGACCATTTCTTTGAAAATGGCGATGAACTGAACGAGCAGATG GTGCAACGGCTGGAAGCGGCCCGCGAAATGGGGCTGCTGCTGCGCTACGTGGCGCGTTTCGATGCCAACGGTAAAGCGCG TGTAGGCGTGGAAGCGGTGCGTGAAGATCATCCGTTGGCATCACTGCCGTGCCGATAACGTCTTTGCCATCGAAAGCC GCTGGTATCGCGATAACCCTCTGGTGATCCGCGGACCTGGCGCTGGCGCGACGTCACCGCCGGGGCGATTCAGTCGGAT ATCAACCGGCTGGCACAGTTGTTGTAATTTCAGAAATTTAATAATGCCCGGTACTCATGTTTTCGGGTTTATGGTTTCTA ATGAAATATATTGAATTATCATAGGATTAGGCCGGATTAAGCGTTTACGACGAATCCGGCAAGAAGCAATAAGTACATGG TGATTTTTCCTCACCATCATTGGTCATTTTTCGGTTGACGCCCTTTCGGCTTTTCCTTCATCTTTACATCTGGACGTCTAA GAAATGGAGCAGACCCTGTGGAACTCCATCGATCGCCTTAGCAGCCTGAAACCGAAGTTTGTATCGGTGACCTATGGCGC GAACTCCGGCGAGCGGACCGTACGCACAGCATTATTAAAAGGCATTAAAAGATCGCACTGGTCTGGAAGCGGCACCGCATC TTACTTGCATTGATGCGACGCCCGACGAGCTGCGCACCATTGCACGCGACTACTGGAATAACGGTATTCGTCATATCGTG GCGCTGCGTGGCGATCTGCCGCCGGGAAGTGGTAAGCCAGAAATGTATGCTTCTGACCTGGTGACGCTGTTAAAAGAAGT GGCAGATTTCGATATCTCCGTGGCGCGTATCCGGAAGTTCACCCGGAAGCAAAAAGCGCTCAGGCGGATTTGCTTAATC TGAAACGCAAAGTGGATGCCGGAGCCAACCGCGCGATTACTCAGTTCTTCTTCGATGTCGAAAGCTACCTGCGTTTTCGT GACCGCTGTGTATCGGCGGGCATTGATGTGGAAATTATTCCGGGAATTTTGCCGGTATCTAACTTTAAACAGGCGAAGAA ATTTGCCGATATGACCAACGTGCGTATTCCGGCGTGGATGGCGCAAATGTTCGACGGTCTGGATGATGATGCCGAAACCC GCAAACTGGTTGGCGCGAATATTGCCATGGATATGGTGAAGATTTTAAGCCGTGAAGGAGTGAAAGATTTCCACTTCTAT  ${\tt ACGCTTAACCGTGCTGAAATGAGTTACGCGATTTGCCATACGCTGGGGGTTCGACCTGGTTTATAAATAGTGTGGCTTTT}$ GTGAAAATCACACAGTGATCACAAATTTTAAACAGAGCACAAAATGCTGCCTCGAAATGAGGGCGGGAAAATAAGGTTAT TAATCAAAAAAGCTTAATTAAGATCAATTTGATCTACATCTCTTTAACCAACAATATGTAAGATCTCAACTATCGCATCC GTGGATTAATTCAATTATAACTTCTCTCAACGCTGTGTATCGTAACGGTAACACTGTAGAGGGGAGCACATTGATGAGG ACGTCAGACGATATCCATAACACCACAGCCACTGGCAAATGCCCGTTCCATCAGGGCGGTCACGACCAGAGTGCGGGGGC GGGCACAACCACTCGCGACTGGTGGCCAAATCAACTTCGTGTTGACCTGTTAAACCAACATTCTAATCGTTCTAACCCAC TGGGTGAGGACTTTGACTACCGCAAAGAATTCAGCAAATTAGATTACTACGGCCTGAAAAAAGATCTGAAAGCCCTGTTG GACTTACCGTTCAATCGATGGACGCGGTGGCCGGGTCGTGGTCAGCAACGTTTTGCACCGCTGAACTCCTGGCCGGATA ACGTAAGCCTCGATAAAGCGCCTCGCCTGTTGTGGCCAATCAAACAGAAATATGGTCAGAAAATCTCCTGGGCCGACCTG TTTATCCTCGCGGGTAACGTGGCGCTAGAAAACTCCGGCTTCCGTACCTTCGGTTTTGGTGCCGGTCGTGAAGACGTCTG GGAACCGGATCTGGATGTTAACTGGGGTGATGAAAAAGCCTGGCTGACTCACCGTCATCCGGAAGCGCTGGCGAAAGCAC   $\tt GCAGCTATCCGCGCGCCCTTCGGCAACATGGGCATGAACGACGAAGAAACCGTGGCGCTGATTGCGGGTGGTCATACGCT$ GGGTAAAACCCACGGTGCCGGTCCGACATCAAATGTAGGTCCTGATCCAGAAGCTGCACCGATTGAAGAACAAGGTTTAG GTTGGGCGAGCACTTACGGCAGCGCGTTGGCGCAGATGCCATTACCTCTGGTCTGGAAGTAGTCTGGACCCAGACGCCG GTTCGAAGCGGTAGACGCACCGGAAATTATCCCGGATCCGTTTGATCCGTCGAAGAAACCGTAAACCGACAATGCTGGTGA  ${\tt CCGACCTGACGCTTTTGATCCTGAGTTCGAGAAGATCTCTCGTCGTTTCCTCAACGATCCGCAGGCGTTCAACGAA}$ GCCTTTGCCCGTGCCTGGTTCAAACTGACGCACAGGGATATGGGGCCGAAATCTCGCTACATCGGGCCGGAAGTGCCGAA GTGTTGAGAAAGCCGCAAGCGCCGCAGGTTTGAGCATTCATGTACCGTTTGCGCCGGGTCGCGTTGATGCGCGTCAGGAT  $\tt CAGACTGACATTGAGATGTTTGAGCTGCTGGAGCCAATTGCTGACGGTTTCCGTAACTATCGCGCTCGTCTGGACGTTTC$ TGCGTGTACTGGGTGCCAACTTCGATGGCAGCAAAAACGGCGTCTTCACTGACCGCGTTTGGCGTATTGAGCAATGACTTC TTTACGCCAGTAGCGATGCCCACGAGAAGTTTGTTAAAGACTTCGTGGCGGCATGGGTGAAAGTGATGAACCTCGACCGT GAACGAAAACTACACACTGGATCTCTCATGTCTGCCGCAGGAAAGAGCAACCCACTGGCAATCAGTGGCCTGGTTGTGCT GCTGCATTTTCGGCGCTCTCGTTTTATTCATCGTCCTTTTATTACGTGGTCGCGGAATGCGCCCGACACCGTTTAAATAC GGTGGCGATCCTGAGCTATACCATGCCGTTCTGGGTGGTGATTTTCGCCGCGTTGTTTCTCGGTGAACGCCTGCGACGTG GGCAATATTTCGCGATTCTGATTGCCGCTTTCGGCTTATTTTTTGGTGTTGCAGCCGTGGCAACTCGATTTCTCTTCGATG AAAAGTGCCATGCTGGCAATCCTCTCCGGCGTCAGTTGGGGGGGCGAGCGCGATTGTTGCTAAACGTCTGTATGCCCGTCA TGCCGCAACGTGAAATTGACTGGCAGCCCACCGTGTTCTGGGCGCTGCCTACAGTGCGATTCTGGCGACGGCACTGGCG  ${\tt TGGCGCTGGTGAGCCGTAAGAAAAAGAAGCCGTCAGTGTAAAAAGGATCTGAATTTTTTCTTCATGTGGGGCGATCTCT}$ TATTTAACAAAATAACGATAATGCCCCACCATCCGCCAGTTAAACAGCACATCTTCCTGCGCGCCTGCGCCAATGTT ATGTATCACCAGCGGCGTACCGTCGCGGGCGAAGCCATCTGAAACCACCCCAATATGTGCCAGCCCGTTATCCAGTCGCC  ${\tt AGGAGACAATATCGCCCGCTTGATAGTCACTGGGGTTCTTGCTGGTGGGGGCGTGTTTTATCATGGCGGCTAAACCAGGTT}$ TCCAGATTAGGCACCCGACGGTGATCGATGTTGCTGTCCGGGCGCTTTAACTTCCATTTTTGCGGGTACTCAGCAAAATT CTTCGCCATATCTTCGTGAACCAGTTTCTGCAAATCGACCTTCTGGCTGCGCAATGCGCGGATCACCACATCGGAACATA TAAGGAGTGGCTGGTAAATGCCGTTAGCAGGCTGAGCAGCGCCAGTGAAGCTTTCATCTGGTTCGTCCGTGAAAATAAGA GTCACAGATTCGACCTTCCGGGCTAACGATTGTTCTGTAGAGAAAATGTCCAGAAGCGGATAAAAAATTCCTGAACAACG TGGGAGTTTCAGATTACTGGCACAGAGTGCCGGATGCGGAGTGAACGCCTTATCCGGCCTACAAAAGCACGCAAATTCAA TATATTGCAGAGATTGCGTAGGCCTGATAAGCGTAGCGCATCAGGCAATTTTGCGTTCAAACTCCCGGACAAGCCGGGAG TTTGGAGTAGGTTATTCCCACTCTTGCAGGAAACGCTGACCGTACTGGTCGGCTACCAGCAGAGCGGCGTAAACCTGATC TGGCGTCGCGCCGCCAGGCATGTTGTGAATGGTTTCACCTTCTGCACATGCCGCTTCTGCCACAATTCGCATTTTCGCCG  $\tt GGACATCTTCTTTAATATCCAGTTGAGCGAGAGTTATTGGCAAACCTACCGCATGGCTAAGGGCAGCTACGGTTTCGATT$ TCCTCCACCGGCGCATTTTCCAGAACCAGCTGCGTCAGCGTACCGAATGCCACTTTTTCACCGTGATAATAGTGATGCGC GTCCGGGATAGCGGTCAGGCCGTTATGCACTGCGTGCGCCGCAGCCACCACCTTTCAAAACCAACACCGCTCAAAT  GCTACGAGAGCAGGCACGCGCTTCAAACCAGGTTGCCAGCGCATCGCCGATACCCGCCGCTAACAGACGTGCAGGTGCGC  $\tt CAGCGACGATTTTGGTGTCGACAATGACCATATTCGGGTTATTTGGCAACAGCAGATAGCGGTCAAACTCACCCTCATCG$ GTGTAGATAACAGACAATGCGCTGCACGGTGCATCGGTAGAGGCCGATAGTCGGTGCGATCGCTACCGGAACACCCATGAA ATGTGCCAGTGCTTTGGCAGTATCGAGGGTTTTTCCGCCACCGATACCGAGAATTGCGCCACACTGCGCAGTCTCCGCGA TGCCACGCAGACGTCGATCTCATTTTGCGAACATTCACCGCCAAACGGCGCAATTTCTACTACCAGTCCAGCATCTTTA CAGGTATTCGCCCAGACGATTAATCACATCAGCGCCCTGGATGTATTTACCCGGTGATTGAATAATGCGGTCCATAATTG  $\tt CTCCTTTAGAGATGAGTGCCAAATGCGGCATTCCAGTCGTGTTCGAACTTCTCTATAGCTGACTCTACCGCAGGGGT$ GTTGAGCATTTGTTGCGCTACATCTAAGGGCAGGGTGATGGATTCACATCCTGCCAGTAAACAGTCCAGCGCCTGACGCG TTGTGCGGCGCTATATACAGCAGTGCCAAGTGTAGTAATACCCTCTTTTTTCAGTATTTTAATTGCTGCCAGACCTTCGG AAGTCACCGGGATTTTCACCACAATACCCGGAATAGCGTCGCGCAGGCGCTTCGCTTCTTCCACCATCCCCTGCGCGTCG  $\tt CGGCAGAGGCGCGTTAACCAGCGCGTTACGGAATTCTTCGTGCATGATGCGCGAGGCGGGGGCGCGAGAAAATGCGCATA$ TGCTGATCGCCCGCAGCGTGTTTGTTCAGGGTTAACATAATGATGAATTGCGCTTCATCATCGCCCCAGCGCACCGGCGC  $\tt
TTGCAGACGCGCCACGCTGATGGTGGATTGCTCAATGTGTTCTGATTTGCTGTGTGGGAATGGCAAAACTAAAGCCCAGAC$ TTATCGGTCATGCCTTTGAGCACTTCTTCTTTGCTGCGCCAGTCGCTTTCCAGTGTGATGCACTCGGCGGTGACCAGCGG TGCGTCTTGTTGGGTCATGCGGAATTGCGCCAGCAGGTGTTCTACTTCCAGCGAAGTACGGCAGGCCATTGCCTGGTTGA GCAACTTGCGGCACTCACGGCTATCAAGTTGCGCCATCCGAGCTTTCGCCGCCGGAATTGATGGTGCGCTCATGCTGAGT TCATCCAGCCCTAAGCCGACCAGCAACGGCAGCAGCACCGGAACCTTTCGCTCCCAGCTCACCGCACAGACCAATCCATTTGCC  $\tt CTGGCGATGCACCGCTTGCACGGCGTAATCGAGCGCCCGCAAGAATGCCGGATTCAGGCTGTTGTAGTGACGAGTAACCT$ CATTGATCGATGATGAACATCACCGACGGCACTTCCAGCATGATGCCGAGCTGGATTTTCTCATCAAACGGAATGTGTTC TGATTTTCAGGCTGCCGTGAGCGGAGGCGCGGAGGATCGACCGTAGCTGCGTGGTAAACAACGACGCGTACTCTTCATAA ATACGCACGGCGCGATAACCGAGGAACGGGTTTGCCTCTGCGGGAATGTTCAGATAATCAACGGGTTTGTCGCCGCCAAT GTCCATAGTGCGCACAATAATGCTGCGTCCGTTGGCGGATTCCAGCGCCTGACAAAAAATGTTGTACAACTCGCTTTCGC GACACGCTGTTGCTCACGCAGGGCGTCCTGTACGCGGGCTTCTTGCTGATAATAACGAGCTACGGCTTCCCCTGGCTCAA  ${\tt CCACAATCGCCCCGGCGTTGCCGTCGATATAAATCGTTTGTTGCTGCCACGGAGTAAGGGCATCAATATCCACACCAACC}$ AGCGTTGGAATGTTGAACGAACGGCCAAGGATCACCGTATGTGAGGTGCTGCCGCCGCTTTTGAGCAACAATCCTTTGAG  $\tt GTGATTTTATCCAGTTCGAGGAACTGGCTGGGGGTCAGTTCATCAGCCATACAAATGGCGGGCTGCGTCAGTTTGCCCG$ GTGCCGGGAAGCGTTGCTCACCGTAGATTTGCTGGAGTAACTGGAAGCAGACGTCGCGTACGTCCAGGGCACGTTCTTGC AGGTAGCTGCTGCAACGGGAAAACTCTTCGCAAAAGTGATTCGCGCTGGCAACAATTGCTTCGGCGCAGCTTAATCC TAGCACCGTCGCTATCCAGCAGACGAAACTCAATGTTTTTCAGTACCAGCGTCAGGCCGTTTTCCAGTGCGGATTGCTCG GCGTCAACGCCTTTGGCTGCGGGAAGATTACCCAGCGCATTGAGATCTAAAGAAGAGATCGGCGTCAGAATGCCGCCTGC  ${\tt ACTACCGCTGCACACGGTGCGGGCGCGGATAATTTGCGGATTCAGATTGGTCAGTGAAACCGGCAGTGGTTCCAGTTCGT}$ GGCGTTGCCCTTGCGGTCAGTGCGCAGGTTATGCCACTCAATTTGTGATGAAAAAGTATTACACAGCGTTTCAACGTGGC  TTTTCTGTTTACAGGATAAGAGCGCACGGCAACGGCCTGCCATGTGACAAATCTGCCAAAAGCTGGACAAATGTAATGTA  ${\tt ACCGTCAATTTGCGACGCGTCTCACAAGACGCTGTTTTGCGGCATGCTTCCGGTTTATCGCAAGTTATGAGGCGGATCGC}$ ATTTTTGTACTGATATTACAAAAGTCCAGTAAATGGCCTTTTTATCCACTGTTTGCTCCGCCTGCGATTGCCTATTGTTT  $\tt CCCGTCAGCATTTAATGACGGCGTTTCACACATGATTCCCTTCGTGGTATCGGGCGGTATTTTGCTGGCGGTTTCCGTC$ ATGTTGTATGGCAAAGGCGCAGTGCCGGATGCCGTAGCCGATCCAAATCTGAAAAAACTGTTTGATATCGGCGTTGCGGG TCGGTGCCTGGGTTGGTAACAGCTTTGGTGCGGGCTTCTTTGGTGCACTGATCGCCGGGATTATCGCCGGCATCGTGGTG CATTACCTGAAGAAAATTCCGGTGCATAAAGTTCTGCGCTCGGTGATGCCTATCTTCATTATTCCTATCGTCGGCACACT GATTACCGCAGGCATCATGATGTGGGGCTTGGGCGAGCCTGTAGGGGCGTTGACCAACAGCCTGACTCAGTGGCTTCAGG GGATGCAGCAGGGCAGCATTGTTATGCTGGCGGTGATCATGGGTCTGATGCTGGCGTTCGATATGGGCGGTCCGGTTAAC AAAGTGGCCTATGCCTCATGCTGATTTGCGTTGCTCAGGGTGTTTATACCGTGGTGGCCATCGCTGCCGTGGGTATTTGTATCCCGCCGCTGGGGATGGGGCTGGCGACGCTGATTGGTCGTAAAAATTTCTCCGCAGAAGAGCGCGAAACCGGCAAAG GATTGTGCTGCCGGTGGTTGAAGGCAAGCTGGGTTATATCGCAGCAGTGGCTGTCGGAGCAGTGGTGACGGCTGTTTGTG TGAACGTGCTGAAAAGTCTGGCGCGTAAAAATGGGTCTTCGACTGATGAAAAAGAAGACGACCTGGATTTGGATTTTGAA ATTAATTAATTGAGGAACGAGCCATGACGAAAATTATTGCAGTAACCGCATGTCCTTCAGGTGTTGCCCATACCTATATG GCAGCAGAGGCGCTGGAAAGTGCCGCGAAAGCGAAAGGCTGGGAAGTTGAAAGTAGAAACCCAGGGGTCAATTGGTCTGGA GTTTTGCTGGCAAGACCATCGTGCGCGTCAACATCAGCGATGCAGTAAAACGTGCTGACGCCATTATGAGCAAAATTGAA GCTCACCTGGCGCAAACCGCTTAAGTTCTTCTCCCGCTCGCAAGGGCGGGTTCGCTTTCCCACAGGAGTTCCTCATGACG AATCGTATCTCTCGCCTCAAAACTGCACTGTTTGCCAATACCCGTGAAATCTCGCTGGAGCGGGCGCTGCTTTATACCGC CCTTACTGGCTGCTGAAAGAGCTGGATCAATTCCCGACGCGTCCGCAGGACCGCTTTGCTATCAGCGAAGAAGATAAACG TATCTACCGTGAAGAGTTGTTCCCGTACTGGGAAAAACGTTCGATGAAAGATTTCATCAACGGGCAGATGACAGATGAAG TAAAAGCCGCGACCAACACGCAGATTTTCAGCATCAACCAGACGGATAAAGGCCAGGGGCACATTATTATTGATTACCCA  ${\tt CGCCTGTTGAATCACGGGCTGGGTGAGCTGGTGGCACAGATGCAGCAACATTGTCAGCAACAGCCGGAGAATCACTTTTA}$ TCAGGCCGCGTTGTTACTGCTGGAAGCCTCGCAGAAACACATTTTGCGTTACGCCGAACTGGCGGAAACGATGGCGGCAA ACTGCACAGATGCCCAGCGTCGCGAAGAGCTGCTGACTATTGCAGAGATCTCCCGCCATAACGCGCAACATAAGCCGCAG  ${\tt ACGTTCTGGCAGGCGTGCCAGTTATTCTGGTACATGAACATCATTCTGCAATACGAATCCAACGCCAGTTCGCTATCGTT}$  $\tt GGGGCGCTTCGACCAGTATATGTTGCCGTTCTATCAGACATCATTAACCCAGGGCGAAGATGCGGCGTTCCTGAAAGAAC$ TGCTCGAATCTTTATGGGTGAAATGCAACGACATCGTGCTGTTGCGCTCCACCAGTAGCGCGCGTTATTTCGCCGGTTTC  $\tt CCGACCGGCTATACCGCACTGCTCGGCGGGTTAACCGAGAACGGACGTAGCGCGGTGAACGTGCTTTCGTTCCTTTGCCT$ TGACGCCTATCAAAGCGTGCAATTACCGCAACCGAACCTCGGCGTGCGCACTAACGCCTTGATCGACACGCCGTTCCTGA TGAAAACCGCCGAAACCATTCGCTTCGGTACCGGTATTCCGCAAATCTTTAACGATGAAGTGGTGGTGCCAGCGTTCCTC TGACTTATGAAGGTTTACTGGAGCAGATCCGCGCCAAGATCAGCCACTACATCACCCTGATGGTTGAGGGCAGCAATATT TGTGATATCGGCCATCGCGACTGGGCACCTGTACCGCTGCTCTCATCGTTTATCAGCGATTGTCTGGAAAAAGGCCGCGA TATTACCGATGGCGGCGCGTTATAACTTCTCCGGCGTACAGGGGATCGGTATCGCCAACCTGAGCGATTCTCTCCATG  ${\tt CCAGAAGGCGAAAAAGTCCGCGTTGGTTAATTAACCGCTTCGAGAAATACGGTAACGATATCGACGAGGTGGATAACAT}$  $\tt CAGCGCCGAACTGTTGCGCCACTACTGCAAAGAAGTGGAAAAATACCAGAACCCGCGGGGGGCTACTTCACGCCGGGGAT$ TAACACGCTGCTGTCTAACGGTACGTTGCTGAACGTGAAATTCACTCCGGCGACCCTGGAAGGTGAAGCAGGATTACGCA AACTGGCCGACTTCTTACGGGCGTTTACCCAGCTTAAGTTACAACATATTCAGTTTAACGTGGTGAACGCCGACACGTTG  $\tt CGGGAAGCGCCACAAGATTATGCCGGGCTGGTGGTGCGCGTTGCCGGATACAGCGCCTTCTTTGTCGAACT$ GTCGAAGGAGATCCAGGATGACATCATCCGCCGGACAGCGCATCAGCTGTAACGTTGTGGAAACGCGCCGCGATGATGTG  $\tt GCGCGCATTTTCAACATTCAGCGTTATTCACTGAATGACGGCGAGGGCATTCGTACGGTGGTCTTTTTTAAAGGCTGTCC$ GCATCTTTGCCCGTGGTGTGCTAATCCGGAGTCGATCTCCGGCAAAATCCAGACGGTACGCAGAGAGGCGAAATGTCTGC ACTGTGCGAAATGTTTGCGTGATGCGGATGAATGCCCCTCCGGGGCGTTTGAACGGATTGGTCGCGATATCAGCCTTGAC GTTAATGCAGGCGGAGTTTGCTACCCGTTTTTTACAGCGACTGCGGCTGTGGGGTGTGTCATGCGCCATTGAAACTGCCG GAGACGCACCAGCCAGCAAGCTATTACCGCTGGCGAAATTGTGCGATGAAGTGTTGTTCGATTTAAAAATTATGGACGCG CGTGATCCCGCGTTTACCGCTGATCCCTGGTTTCACGCTCAGCCGGGAGAATATGCAGCAGGCGCTGGATGTACTGATCC CGCTGAATATCAGGCAGATCCATCTGTTACCGTTTCATCAGTACGGCGAACCGAAATACCGCCTGCTGGGGAAAACATGG TACCGTGGGAGGTTAAAATGGCATACCTGGTGGCAGTAACCGCCTGCGTAAGCGGCGCGTGGCGCATACTTATATGGCGGCG GAACGCTGGAAAAGTTGTGCCTGTTAGAGAAGTGGGGAGTCAGCATTGAAACTCAGGGCGCGCTGGGAACGGAGAATCG TTTAGCGGATGAGGATATCCGCCGGGCGGATGTTGCTCTGTTGATTACGGATATCGAGCTTGCCGGTGCCGAGCGATTTG AACATTGCCGCTATGTGCAATGCAGCATCTACGCATTCCTGCGTGAGCCGCAGCGGGTAATGAGCGCGGTGCGCAAAGTG  $\tt CTTTCTGCGCCGCAGCAAACCCATCTTATTCTGGAGTAGTCGGTTTTTCTGTCAGTTGGCTGTGGTACTGCCGGCGATAT$ TCCGACGGCGAGCGTTCGGTGTTTTTACGAAACAGACGGCAGAAGTAGTTGCTGTCGACAAAGCCGCAGGCGTGCGCCAC TTCTTTTACCTTCAGGTCATAGCCTTTCAATAACGTCTTAGCGTGCTCCAGTCGCGTGTGATTCAGGTATTCGTTAAAAC CAATGCCCCCGTTTTTTGAAACAGGTGCGAGAGGTAATTTGGCGAAATATAAAACGCCTGTGCAACAGATTCGCGGGTA AGCGCGGAGGCATAGCGTTCGTCGATATAATCGCGAATAGCTTCAAATAGTGCCTGGCTGCGTGAGGCGGTCTGGATTTG  $\operatorname{GCTGCCAAGCAATCGCGGCAGTGGCTAAGCAGGCTGGCGACGATAAGCCTTGCCGTTTGCTGCTCCTGCGGCTGCATTT$ GCATTTCATTGAGCGTTTGTAGCAGAAAAGAACCTATGCGTGGGCCGCGTCGGGCGACGTGTTGCTTCGCCAGATTTTGA TATTGTTTGCCATCCCATTGCACGCCTGAAGCCGAGTTGCTGTTTTGCCAAACAGCACGCTAAAGGTAGTAGCGGGGGC TTGCCATTGTGGAAAATTCCAGCCACCAGCAGGAACGTACAGCACATCGCCGGGAACTAACGTTGCTCCAGCGCCGGTAT CAACAAACTCACCTTCCAGCACAATTTCCAGCCGTGGAAAATCGACCTGATACGCAAGATCGGGCACCGGGCCGTTACTG  $\tt CTGGCAAAGTAAATCTGGCGCAGGGACAGCGGGCCGTTGATCAGGCGGAGAGCAGATAGCTGACGTCGTGATACATGTT$ ATTCCCTTAGGTATGTAGACGGGAAAACAGTAACTGGCATTATTAAAAAAGGCCACCTGAAAAGTGTGGCCTGAGGGGAG TTCGATGTAAACATTGCGGCAGTTGTATTGCCGGATGTGGCGTAAACGCCTTATCCAGCCTACCGCCGCATCTGTAGGC  ${\tt CGGATAAGACGCGTCAAGCGTCGCATCCGGCAAATAGCGCCTGGCTGATAATTACTGATTACCCACCTGATCGCCATAGG}$  $\tt GCAGTGTGTCGTAATCGATCAGTGCGTTTTTCTTATACGGGTTACCAATCCAGCGGGTAGTTTCTTTGAACTGCGGATTC$ GTATTTACGATCAACATCCTGCGAGAAATCACGGGGATGAGTCGCTTGCCATTTTTCTGACGTCCACAGCAGGAACGGAA GAGACCAGTTTCCCGCGAATATGAGCTGGAGCCAGTTCCGCAATATACATTGGCGAGAGCATTGAGGCTAAACCAACGCC AATACCGCCAATAATGCGATAAATAACAAATTCCGGGACATAACCTGCCAGATAACAGGCACAGTGTTGTCCGGGTTTA TAGAGGTAAAACCAAGTTCTGGCCAGGCAGAACCTACACCAGAAATAAAAAACAGGACAGCAGCAATCTTAAGTGAATCA CGACGACCGAAGCGGTTACTGCAATAACCACCGAGGGCACCGCCGATGATGCAACCAATCAGAGCGCTGGCCACGCAAAA  $\tt CCCTAACAGGGAGTTGGCAGCGGATTCACTTAAGTTTTGTGGAGCAACAAAGACGGTATTGAGTGACTCAACAGTACCGG$ AAATAACGGCGGTGTCGTAGCCAAATAATAAACCACCTAATGTAGCGACTAAGGTAATCGAAAATATATAACTGGAATTA TACTGGGTATTCAGACCTGCCTTAGACCATTCTGATCTTTTATCAGTGCATTGATGTTGGAATTGTCAGGCAGTTA AAAACAATACTATTGCCGTGACTCAGAGCACGAAAGAGAATTATCGTAAGTGGGAAAACAAATAACGTAAAAATAATAAG ACCTGCCGTCAGGCCGTTGACCAGCCGTTGAGCCAGCAGAAGAAGACGATGGTGATCGGTAATGCAGACATCACGGCAG TCACGCAGTAACAGCGACGCGACCGGAACTTCAGTAATGGCAGCGATAAACGACAGGATGAATACCACCGCCAGAATCGG TACTGACAGCGCCAACAGGACAAGGCCGAAGGCCTGCCACGGTGTCGCACCATCCAGCGCAGCAGCTTCTTCCAGCGAAC TGAGTATTCAGGCCAATGAATGGAATGTACTCACCCAGACGATCAAACAACGCATACAACGCGACCAGTGAAAGTACTGC AGGTGGTGGAGAGCGCCACAATGCCAATCGCGGAAATCCCGGCGACCTTTACCGAGTTCCACAGCCACAGCAGTACCGGG AATGGCGGTGGCGTAATGCGACCATCAGCCTGTTCAACGCTAAAACCTAACGCCAGTTTCCAGTGATCCCAGGAGATTTG CTCCGGGATCAGGCTGCCGGTCGCAAAGTTTCCCTGACGCAGCGAGATAGCGACGACCATCAGCAGCGGGAACATAATCG GTGGCAATTGCTGCCGCCAGACCGAAGTCCTGACCCCCGCCGCCTTCAAAAGCGATGCGGTAGGTGTAGTTAACAAGCAG GTCGGTATAACCGGCTGGCGTGGTCGTGCCAAGACGATCCGGGCCGCCGTTGGTTAACAGTTGAATCAGCACGAAGTTGT TAAAGTTAAAGGCGAAGCTGGCGATCATCAGCGGCGTCAGCGGTTTAATCAGCAGCGGCAGCGTAATCTTAAAGAAGTTC TGGAACGGACCTGCGCCATCCATTGCTGAGGCTTCATACAAATCGTCCGGAATCGCTTTCAGCAAGCCCATGCAGAGGAT GCTTCACGCCAAACAGCGCGCTCAACATCATGTTGATTTCACCGAAGCTCTGGTTAAACAACCCTTTGAAAATCAAGATT GAAATGAACGATGGCACCGCGTAGGGCAGAATCAGCAGGACGCGATAGACCGCTTTGCCGCGCAACGCTTCCCACTGCAC CAGACACGCCAGAACCATGCCGACCGCCACCGTTAAAAAGACAGTGATCAGCGAGAACACCACGGTCCAGACGAAAAATGG GCCGCTCTGATTATTCGTCAACGTGCCGTCACCGTCGAGTGTGTAGAGCGGCTGCCGTGCCAGAAAACTGGCGCAGGGAGC TCATCATCACTTTGTTGCCATCCGGCAGAATGGCGGTAATGTCACTCAGCGCCTGACGATTCTGGGTAATCACGCGCAGA TTCGCGCGTTCGCCTTCGGGCTGGCCGTTTCTTTCAGTTGCAGTTTTTTGCTCGCCGCCAAATTTAAAAGCGTCGGA TTTTGCCTGCTTGCCAGGAGCGATCTAACAACACTTCCTGCGCACGTTCAAAAGTCAGCTGGTTAGTGCTGCTGTAGTTG GTGAAGGCAATGGCGATGGTGCAGACCAGAGGGAAGAGGACGAATAATCCCATTCCAGCCATTCCCGGGTAAACATAGCG  $\tt CCAGGCGTAGGCTTTACGATTGGCGAAAATATACAGCCCCGCTGAACTCAATATCAGCGTGGTAATGGCGAACAGGTATT$  $\tt CTTTGCCACCAATGTTTCTTTTAATGACATCCATGGGGTTCTTCCTCATTCCAGGACGGATAAGGCTTTCACGCCTTAT$ TTCACGCCGCATCCGGCATTTCACAGCATTACTTGGTGATACGAGTCTGCGCGTCTTTCAGGGCTTCATCGACAGTCTGA  ${\tt CGACCGCTGGCGGCGTTGATCACCGCAGTACGCACGGCATACCAGAAAGCGGACATCTGCGGGATGTTCGGCATGATTTC}$  ${\tt CAGTACCGTTACACCATAATTCACTTTGCTGGTGTCGATGTTGGACCATGCCCACGGGCCGTTGATGGTCATCGCTGTTT}$  ${\tt AAGGTCAGACCCGCTTTCGCGCCAGCGTTATCCACGCCCACGTCTTTAATGTCGTACTTGCCGTTTTCATACTTGAACGC}$ ATAACCCCCGTCAGCAGCAATCAGCGGCCAGGTGAAGTACGGTTCTTGCAGGTTGAACATCAGCGCGCTCTTACCTTTCGGATAACGCTTCAACAGCGATCGGGTAAGCAATCAGCTTGCCGTTGTAACGTACGGCATCCCAGGTAAACGGATACAGCTT
GTCCTGGAACGCTTTGTCCGGGGTGATTTCAGCCAACAGGCCAGATTGAGCGTAGCCACCAAAGCGGTCGTGTGCCCAGA TTAATTCCGGTATCTTTCTCGAATTTCTTACCGACTTCAGCGAGACCGTTATAGCCTTTATCGCCGTTAATCCAGATTAC CAGTTTACCTTCTTCGATTTTGGCGAGAGCCGAGGCGGAAAACATCATCGTCGTTAATGCGGATAATGCGAGGATGCGTG  $\tt CACCTGTTTTTATTTTCATAATCTATGGTCCTTGTTGGTGAAGTGCTCGTGAAAACACCTAAACGGACTCTAGTTTCTTT$ ATACGGCAACCTCTTTCCATCCTCCTTGCCCCTACGCCCCACCGTCGCTTTGTGTGATCTCTGTTACAGAATTGGCGGTA ACAGAAGCCGTGTTCTCATCCTCCCGCCTCCTCCCCCATAAAAAAAGCCAGGGGGTGGAGGATTTAAGCCATCTCCTGATG GCAAAATGTAACGAAAGCCTGGGGCCGAGGTCGTGGTATCGAAAGATATCAATCTCGATATCCATGAAGGTGAATTCGTGG TGTTTGTCGGACCGTCTGGCTGCGGTAAATCGACTTTACTGCGCATGATTGCCGGGCCTTGAGACGATCACCAGCGGCGAC GCGTTAACCAGGTGGCGGAAGTGCTACAACTGGCGCATTTGCTGGATCGCAAACCGAAAGCGCTCTCCGGTGGTCAGCGT TGCACTGCGTGTGCAAATGCGTATCGAAATCTCCCGTCTGCATAAACGCCTGGGCCGCACAATGATTTACGTCACCCACG GAGCTGTACCACTATCCGGCAGACCGTTTTGTCGCCGGATTTATCGGTTCGCCAAAGATGAACTTCCTGCCGGTAAAAGT GACCGCCACCGCAATCGATCAAGTGCAGGTGGAGCTGCCGATGCCAAATCGTCAGCAAGTCTGGCTGCCAGTTGAAAGCC GTGATGTCCAGGTTGGAGCCAATATGTCGCTGGGTATTCGCCCGGAACATCTACTGCCGAGTGATATCGCTGACGTCATC  $\tt CTTGAGGGTGAAGTTCAGGTCGTCGAGCAACTCGGCAACGAAACTCAAATCCATATCCAGATCCCTTCCATTCGTCAAAA$  $\tt CCTGGTGTACCGCCAGAACGACGTGTTGGTAGAAGAAGGTGCCACATTCGCTATCGGCCTGCCGCCAGAGCGTTGCC$ ATCTGTTCCGTGAGGATGGCACTGCATGTCGTCGACTGCATAAGGAGCCGGGCGTTTAAGCACCCCACAAAACACACAAA GCCTGTCACAGGTGATGTGAAAAAAGAAAAGCAATGACTCAGGAGATAGAATGATTACTCTGCGCAAACTTCCTCTG  $\tt GCGGTTGCCGTCGCAGCGGGCGTAATGTCTGCTCAGGCAATGGCTGTTGATTTCCACGGCTATGCACGTTCCGGTATTGG$ TTGGACAGGTAGCGGCGGTGAACACAGTGTTTCCAGACTACCGGTGCTCAAAGTAAATACCGTCTTGGCAACGAATGTG  ${\tt AAACTTATGCTGAATTAAAATTGGGTCAGGAAGTGTGGAAAGAGGGCCGATAAGAGCTTCTATTTCGACACTAACGTGGCC}$ TATTCCGTCGCACAACAGAATGACTGGGAAGCTACCGATCCGGCCTTCCGTGAAGCAACGTGCAGGGTAAAAACCTGAT TCCTCTGAAGCTGGTGGTTCTTCCTCTTTCGCCAGCAACAATATTTATGACTATACCAACGAAACCGCGAACGACGTTTT CGATGTGCGTTTAGCGCAGATGGAAATCAACCCGGGCGCACATTAGAACTGGGTGTCGACTACGGTCGTGCCAACTTGC GTGATAACTATCGTCTGGTTGATGGCGCATCGAAAGACGGCTGGTTATTCACTGCTGAACATACTCAGAGTGTCCTGAAG GGCTTTAACAAGTTTGTTCAGTACGCTACTGACTCGATGACCTCGCAGGGTAAAGGGCTGTCGCAGGGTTCTGGCGT TGCATTTGATAACGAAAAATTTGCCTACAATATCAACAACAACGGTCACATGCTGCGTATCCTCGACCACGGTGCGATCT  $\tt CCATGGGCGACAACTGGGACATGATGTACGTGGGTATGTACCAGGATATCAACTGGGATAACGACAACGGCACCAAGTGG$ TGGACCGTCGGTATTCGCCCGATGTACAAGTGGACGCCAATCATGAGCACCGTGATGGAAATCGGCTACGACAACGTCGA ATCCCAGCGCACCGGCGACAAGAACAATCAGTACAAAATTACCCTCGCACAACAATGGCAGGCTGGCGACAGCATCTGGT  $\tt CACGCCCGGCTATTCGTGTCTTCGCAACCTACGCCAAGTGGGATGAGAAATGGGGTTACGACTACACCGGTAACGCTGAT$ AACAACGCGAACTTCGGCAAAGCCGTTCCTGCTGATTTCAACGGCGGCAGCTTCGGTCGTGGCGACAGCGACGAGTGGAC CGCCTGATGCGACGCTTGCGCGTCTTATCAGGCCTACAACGGCTGTCAAATGTAGGCCGGATAAGGCCGTTTACGCCGCAT TACCGCTGAGCTCCAGATTTTGAGGTGAAAACAATGAAAATGAATAAAAGTCTCATCGTCCTCTGTTTATCAGCAGGGTT GACCAGCGAAGTGAACAAACAAACCAGCGTTTTTGCGCCGAACGTGCTGATTCTTGATCAGAACATGACCCCATCAGCCT TCTTCCCCAGCAGTTATTTCACCTACCAGGAACCAGGCGTGATGAGTGCAGATCGGCTGGAAGGCGTTATGCGCCTGACA  $\tt CCCGGCTAAAGCCTATGCCAAGGGCGTCGGTAACTCGATCCCGGATATCCCCGATCCGGTTGCTCGTCATACCACCGATGCCCGGTAACTCCCGGTAACTCAACTCCGGTAACTCCGGTAACTCCGGTAACTCCGGTAACTC$ GCTTACTGAAACTGAAAGTGAAAACGAACTCCAGCTCCAGCGTGTTGGTAGGACCTTTATTTGGTTCCTCCGCTCCAGCT  $\tt CCGGTTACGGTAGGTAACACGGCGGCACCAGCTGTGGCTGCACCCGCTCCGGCACCGGTGAAGAAAGCGAGCCGATGCT$  ${\tt CAACGACACGGAAAGTTATTTAATACCGCGATCAAAAACGCTGTCGCGAAAGGTGATGTTGATAAGGCGTTAAAACTGC}$ TTGATGAAGCTGAACGCCTGGGATCGACATCTGCCCGTTCCACCTTTATCAGCAGTGTAAAAGGCAAGGGGTAATTACGC  TTTTTATAGTAACTCACTTCTTCTTCACTAAGAATATCCATTATCTCAATGCCTTATCAGAGATTCTTTTCCTTTCGCCG GTAGTGTCTGGACATTCAGGCTACTTTTCCAGGTTATTTTATTTCTGTTATGCAGAGGTTTTATGATAAGTCATATCCTA AATTCTGGCGGCAATAACTCTTTGATGAAACATGATGTGGTGCAAGGAAATAATATAGTAGATCTTGATTTACTACGTAA AAAAAATCATGCAATAAATATGTTTCGTGAAGTCTCAATCAGTAATGATACTATAAGTGTAAAATTCTACAGAAATGAAA AAAATTGAATGCGCTTGCAATTTTCTGATGGATAAAGATGCGCAGGGGTATATCGACCTGTCTGATTTGGATTTAACAAG TTGTCATTTTAAAGGTGACGTTATATCGAAGGTGTCTTTTTTATCATCAAATCTACAACATGTAACATTCGAATGTAAAG AAATTGGGGATTGCAATTTTACTACTGCAATAGTTGATAATGTCATATTTAGATGTCGACGTTTACACAATGTGATTTTT ATCAAAGCGAGTGGTGAATGTGTCGATTTCAGCAAAAATATTCTTGATACAGTTGACTTCTCGCAGAGTCAACTTGGTCA TAGTAATTTTCGCGAATGTCAGATTAGAAATTCAAACTTCGATAATTGTTATCTTTACGCTTCGCACTTCACCAGAGCAG AGTTTCTGTCTGCCAAAGAAATATCATTTATAAATCGAATTTGACAGCTGTTATGTTTGATTATGTGCGAATGTCGACA GGGAATTTTAAAGATTGCATTACAGAACAATTGGAATTAACTATTGATTATTCAGATATATTTTGGAATGAAGATCTCGA TGGTTATATCAATAACATTATAAAAATGATTGATACATTGCCAGATAATGCAATGATATTGAAATCCGTTCTGGCCGTAA AACTGGTGATGCAATTAAAAATACTTAATATTGTTAATAAAAAACTTTATTGAGAATATGAGAAAAATATTTAGCCATTGT  $\tt CCTTATATAAAAGATCCCATTATACGCAGTTATATCCATTCTGATGAAGATAACAAGTTCGATGATTTTATGCGTCAACA$ TCGATTCAGTGAGGTGAATTTCGATACCCAACAGATGATCGATTTTATTAACAGATTTAATACGAATAAATGGCTAATTG ATAAAAATAACAATTTTTTTATCCAACTTATCGATCAGGCCTTACGATCAACGGATGATATGATCAAAGCAAATGTTTGG CATCTTTATAAAGAGTGGATTCGTAGTGATGATGTTTCACCTATATTTATAGAAACTGAAGATAATTTAAGAACCTTTAA CACGAATGAATTAACACGAAACGATAATATCTTTATCCTGTTCTCCTCAGTCGATGATGGGCCAGTTATGGTGGTAAGCT  $\tt CCCAGCGCTTACATGATATGTTGAATCCTACAAAAGATACCAATTGGAATTCCACGTATATCTACAAATCCAGACATGAG$ ATGTTGCCTGTTAATCTTACTCAGGAAACACTTTTCAGCTCCAAATCTCATGGTAAATATGCGCTTTTCCCCATTTTTAC TGCGAGTTGGCGAGCTCATCGTATAATGAATAAGGGTGTTTAAGTAAAGGAAAACATCACCGTTCCTGGCATCCTGGACG GTGATGCCCCTACGGTTGCCCTCGCCAGCACGGGCATCGGTAAAGCGTAAGGTTCAACATCGTTTTACCACTTCATGCGA TTGTTGCGTTTTTGTTGCGTATTAGATCACTTAATTTGCTTTACATCTCCCGTAAACACTTTTCTGCGATACAATGCCTT GTAAGCGTGACGATGATCCGCGAAGGGTTTGTCGAGCAGAATGAAATCCCCGAAGAACTGCCGCTGCCGAAAGAGTC CGTTAAGCGGGCCGGAGCTGGCGTTACAAAAATTGGGTAAAACGCCGTTAGGACGCTATCTGTTCACATCATCGACATTA GTTGCTAACAGAACTGTTTTTACCGGCGTCACCGTTGTACTAAGAGGAAAAAAATATGGAGTGGAGTCTGACGCAGAATA AGCTGCTGGCGTTTCATCGCTTAATGCGTACGGATAAGCCAATTGGCGCGTTACTGCTCTGGCCAACATTATGGGCG TTGTGGGTGGCGACACCGGGCGTTCCCCAGCTCTGGATCCTGGCGGTGTTTTGTCGCGGGTGTCTGGCTGATGCGCGCTGC  $\tt CGGATGTGTGATGATTATGCTGACCGCAAGTTTGATGGTCATGTTAAGCGCACCGCGAACCGACCACTTCCCAGCG$ GCGCGGTAACAGAGAAAGAGGCGCGCGCGCTGTTTGTCGTGCTGGTACTGATTTCGTTTTTACTGGTGCTGACGCTGAAT  ${\tt ACGATGACCATTCTGTTGTCGATTGCCGCGCTAGCGCTGGCGTGGGTTACCCGTTTATGAAGCGGTATACCCATCTACC}$  ${\tt GCTGGTTAATGTTCCTCGCCAATATTCTCTGGGCGGTGGCTTACGACACGCAGTATGCGATGGTTGACCGCGATGATGAT}$ GTGAAGATTGGCATTAAATCCACGGCAATCCTGTTCGGCCAATACGATAAATTGATTATTGGTATTTTGCAGATTGGCGT TGTTTGTTTATCAACAAAAACTGATTGCCAACCGCGAGCGTGAAGCCTGCTTTAAAGCATTTATGAATAATAACTATGTT GGTCTGGTACTATTTTTAGGGCTGGCAATGAGTTACTGGCATTTCTGATGATGTAAAAAAGCCGGATGATCATCCGGCTT GCCGGATAAGGCGTTTTCGCCGCATCCGGCAATTCTCTCTGATTACCCTTCGCCCTGCGTCGCACTCTCAATCGTCAAAC GCACGTCTGATGTAATCAACTCCGCCAGCAACTGATAAACCTTCATCGTTTCTGCCGGTTCGGCATCGCCGCTATCGCTG ATATACCCTTCATCACGCAGTGTCAGCACCAGAGAACTGAACACCGCCTTGTCGAAGAACTCCGGCGCGTTGATGCCGTG  TTGATATGCAACTCATCTTGCAGGGTAATCAGCCCCTGACGTTGCATCTCATTTGCCAGCGCATCAATAACGTCCGG  $\tt
CAACTCGTCGCGATCCCAGCGCAGGAACAGCTCCGCTTTCAGCATTGGGTAAAGCACATTGACGTGCTCCATCAATACGTTCACGTTCACATCAATACGTTCACGTTCACATCAATACGTTCACGTTCACATCAATACATCAATACATCAATACATCAATACA$ CGCGGGAGATGTGGCGATGCTGGGTGACGATTGCCGCCATCAGCGAAGGCAGCACCAACATATGCGCAATGTTGTTGCGA TAGTAGGTCATCAGCACCGCTTGCTCGCGCGCGCAGAATGATGATGTCGCCGATTGTGTCTTTCTCGACTTCAAACTTGTT AGGCTCTCTTTCTCTTTCGTCGCGCCGCGCAGTTCTTTGGCGTAAGTACCCACTTCCATGACGTGCTCATAACCGATATA GATCGGAATCAGCGTAATCGGACGCGTGCCGCCACGCAGCATCGCCTGAATGGTCATCGACAGCGTACCAGTTTTCGGAT TACTCCCGGAAAACGGTGGAATAAAGTTTATTGCCTTTAAACGTACGGCGAATAAAGAACGCCCCCAGACGGCGGAAAAT CGGCCCGGCAGGCCAGAAATTCAGGTTGATCCCGGCGGCGATATGCGGCGGCACCAGCCCCTGGTGATACAGCACGTAAG TGCGCGCTTCATCTTCTACCGCTTTGGCAATGGCGCGGGAGGCGAGCTTATTAAACAGATCCTGACGAGCAGGCAAA  ${\tt CGTGCCGTGTTCATCCGCCATACGGCGCAGCGAAACTGACGGCGAGAAACGCACAAAACTGTCGCGACCGAGCCACAGTA}$ AACATCACCGACACTGGCACCATCTGCACATCCAGATTTGGGTTGCTACGGTGCAAATCGAGATAGTCGTGGAACAGCTT  $\tt CGTCGATTTCCAGCGGCTCTAACGGGTCAGGCAAGTCATGTGCCAGACACTGGGCGCGCAACGTCAGCAAATCTGCTTTC$ GAGTTGTACGGTAAAACGTACATAATTGGACGAGAGGTATCCAGCCCCAGTTCCGGGGCAGGATCTGCCGGAATAGACTT GCTTTTTACCAGGATGCTTAATGGTAAATTCAGTAATTTGTAGTAAATTCGTGGCCAGCCGGACATAAACGATGTAAAGC  $\tt CTCTGGTTAATAATGCAAATGCGCGGCAAGGATAGCAGAAAGTCATGGGAAATTCTGTGGTATCCGCTCATGTTTCGCGC$ GGCGCTACGCAAACCCGAATCATCGGATTTAACGGTACACTGATATTGACGCTCATAATGTAAAAAGGTTCTTTCAATGG  ${\tt CCGCGTGCTGCTTATCAGCTCCGTGATGCTGGTGATGATTGTGGAAATCCTCAATAGCGCCATCGAAGCAGTGGTTGACC}$ GAATTGGCTCTGAATACCATGAGCTTTCCGGACGCGCAAAAGATATGGGATCCGCTGCGGTGCTGATTGCCATTATCGTC  $\tt GCCGTGATTACCTGGTGCATTCTGTTATGGTCGCATTTTGGATAACCCTTCCAGAATTCGATAAATCTCTGGTTTATTGT$ GCGTTAACGGCCAGGCAACAAGAGGTGTTTGATCTCATCCGTGATCACATCAGCCAGACAGGTATGCCGCCGACGCGTGC GGAAATCGCGCAGCGTTTGGGGTTCCGTTCCCCAAACGCGGCTGAAGAACATCTGAAGGCGCTGGCACGCAAAGGCGTTA TTGAAATTGTTTCCGGCGCATCACGCGGGATTCGTCTGTTGCAGGAAGAGGGAAGAAGGGTTGCCGCTGGTAGGTCGTGTG AATAAAGTCGAACTGTTGCCAGAAAATAGCGAGTTTAAACCAATTGTCGTTGACCTTCGTCAGCAGAGCTTCACCATTGA  $\tt TTTGTTTTTCATCTCTTCATCAGGCTTGTCTGCATGGCATTCCTCACTTCATCTGATAAAGCACTCTGGCATCTCGCC$ TTACCCATGATTTTCTCCAATATCACCGTTCCGTTGCTGGGACTGGTCGATACGGCCGTAATTGGTCATCTTGATAGCCC GCGTTGGGGGCTGGGGCGTTAATTGCGCTGCTGCGTACGCCGATTATCGATCTGGCGCTGCATATTGTTGGCGGTAGTGA   ${\tt TCGGTTGGTTACTCGGCGTGCAATATGCCCGTGCGCCAGTAATTTTGTTAGTGGTCGGCAATATCCTCAACATTGTGCTG}$ GATGTCTGGCTGGTGATGGGGCTGCATATGAACGTGCAGGGCGCGGCGGCGGCGACGGTTATTGCGGAATATGCAACATT GCTGATTGGTCTGCTAATGGTGCGTAAAATCCTCAAACTACGCGGAATTTCCGGCGAAATGCTGAAAACTGCCTGGCGAG GAAACTTCCGTCGCTGCTGCCGCTTAACCGCGATATCATGCTGCGTTCGCTGTTGCTAACTCTGTTTCGGCGCGCATC TGCGCTGGATGGTTTTGCCTACGCGGTTGAAGCGCACTCCGGTCAGGCATACGGTGCGCGCGACGGTAGCCAGTTGCTGG GGTTGGCGTCTGGTGTTATCTGCTGGACGGCATGTTTATAGGCGCAACGCGTGCCACCGAAATGCGTAACAGTATGGCGG TTTCTGGCGTTGCGCGGGCTTTCTCTGGCGGCTATCTGGCGCGCGTCACTGGCGCAATGGTACCTGGTTTTGCCGCAACGTG ACGGTTAAAAATTCTGAATAAATAATCCTAAGCCAAATTGCTGACTACACTTAATCTCACGTTCAGAAGAAAAGTGAACG TACTCTCATTCACAACCTAACGATGAGGTCTTGATTATGAATAAAGATGAAGCCGGCGGTAACTGGAAACAGTTTAAAGG TAAAGTGAAAGAGCAATGGGGCAAACTGACCGATGATGATGACGATCATTGAAGGTAAACGTGATCAACTGGTCGGTA TGGTAATTAATCCCTCCTGCCCGACGTGTACAAGGATGTACGCCCTCTTAACGCGGGTTTCTTTTTCACCTGCACAGAGTG ATCATGCTGGCACTGTTCAGGATGACGACACGCTTCCACTTCTACACATGCCGCACAGAGCCCATGTGCTTCAATCACAT  ${\tt TATGCCGCAGGGCAAACCCCATTTTTGCCGCCAGCGTATGCATAATGTCTTCCACGCCTTCTGCACACTCTTCTTTCACT}$ GGATTCCACCTTATGCACAAAACCTTGCTCAAGCAGAAAATCCAGCGCGCGATAAACCGTTGGCGGCTTGGCTTGCCGGTT CAGCTTCGCGCAGTAAATCAAGCAGATCATAAGCGCTGATAGCGCCATCCTGCAGACTCATCAGGCGCAACACTTCCAGG  $\tt CATCGGGCACCTCAAAGTGGGGGTTAAGAATGTCCTTACTTTACCATGTTCCAGGAAAAACCCCGAGAACCCTTATTGTT$ TTATGAGCGATTTTTGATAGTGACCAGATGGCAAAAGAATTATAAGGAGGACACGGTACGACAAAAAAGGTAGATGAATC ATGTTGAAGATAATACCCGGTGCAACTGGATACTTTAATAAAACACTCAATTCAAATCAATTCGATAATGAAGATGCAAT TGCGTCATCGGGATATAATTATTGCAAAAATAGATTTGTTTATTCAACGAATCACGCATAATTTATGGCATGCACGTAAA AAAATGTGTTTTTAATTGTGCAAATAAATGATCTCAAAATGTGGGTCAATAAGTATATTGACGATTGCACTGATGAGGAT TTAAACGATCGTGACTTTATTGCATCAGTTGTTGACCGGGCTATTTTTCATTTCGCGATTAATAGTATATGTAATCCTGG GGATAATAAAGATGCAATGCCCATTGAACAATGTACTTTTGATGTAGAAACTAAGAATGACCTTCCCTCCACGGTTCAGC TATTTTATGAGGAATCTAAGGATAATGAACCTTTAGCGAATATACATTTTCAAGCAATAGGTTCTGGTTTTTTAACGTTT GTTAATGCCTGCCAGGAACATGATGACAACAGCTTAAAATTATTTGCTTCGCTGTTAATTTCACTTTCATATTCTAGTGC CTACGCAGATTTATCAGAAACAGTGTATATTAATGAAAATAATGAGAGCTACCTGAAAGCTCAGTTTGAAAAATTATCTC AACGTGATATGAAGAAGTACCTGGGAGAGATGAAGCGTCTGGCTGATGGGGGAGAAATGAATTTTGATGGCTATCTGGAT AAGATGTCACATCTGGTGAATGAAGGAACGCTCGATCCTGATATTTTAAGCAAAATGCGAGATGCTGCACCACAATTAAT TGTTCGGGGTTAAATCGGAGAAATAATATGTGAAGTTCTTCGATAGTATGGAAGGCATTATATAAAAGGACCCAATATTT TCGAACCTGGATTGTTTATCATTGGCCTTAACAAAGTTAACGGCTAATAAGATTATTTCCATCACTTCGTGAGAGCTTCA TGCCTTGAGAGGATCTCAATTTTCTTTTGCAATGAGACAGGCGCTTCCTGTTGTTATGGTATAGTACCCCGCTATTGAGC CTCCTGAATAGTGATGCTGAATAACATAACCCCATGATATATCGATAAAATAATCTCTACATTTGAAAATGCACGGTAAT TCTGAAATGCAAAAAATCAACCAAACCAGCGCAATGCCTGAAAAAAACTGACGTTCACTGGAGTGGTCGGTTTAGCGTTGC ACCAATGCTCGACTGGACGGACAGACATTGCCGCTATTTCTTGCGTCTGCTTTCCCGCAATACGTTGCTGTATACCGAAA TGGTGACCACAGGGGCGATTATTCACGGTAAAGGTGATTATCTGGCGTACAGTGAAGAAGAACATCCGGTAGCGTTGCAA TGTCGGCTGCCCGTCTGACCGGGTGCAGAACGGCATGTTTGGTGCGTGTCTGATGGGTAATGCGCAGCTGGTTGCCGACT GCGTGAAAGCGATGCGCGATGTGGTGTCGATTCCGGTGACGGTGAAAACGCGTATTGGCATCGACGACCAGGACAGCTAT GCTTTCGGGGTTAAGCCCGAAAGAAACCGTGAAATCCCGCCGCTCGATTATCCGCGTGTGTATCAACTGAAGCGTGACT CATAAAGCGGGTGCAGACATTAATGTGCTGGAACACGCGCTCAAACTGGTGGCGGATAAGCGTTAACTTTTCACCAAAAA GTAGTCAAATTCACCACGCCCTGCGCACCGTCGCGGGGCGTTTTGCTGTTAAATCAATAGATTATTTTTGGCATGATTCT TGTAATGCCAGCAAGAGATTTCATATTTGGGAGAGCATCATGCTGGAACTACTTTTTGTGATTGGCTTTTTTTGTCATGCT GATGGTCACCGGCGTTTCGTTGCTGGGCATTATCGCCGCGCTTGTTGTGGCGACGCCATTATGTTCCTCGGCGGTATGC  ${\tt AAAGTGCCGAAATATCAGCGTTATGACCGCTGGCGTTACTAAGGGATTGTGCGGATGATCACAACCTAAGGTTTTATCCT}$  $\tt CCGAACTATAAAAAGGACTTCCCAGGTGGAAGCCCTATTTCTTTATGGAATCAGCAGGCTGGAACCTTGCGTCGC$  ${\tt CCGGCTTTCCAGAATCTCATGCGCACGCTGCGCATCCTTCAGCGGATATTTCTGCTGCTCGGCGACATCGACCTTAATCA}$ GGGCGTGTCACATACAACGAGCCTTTTTGATTGAGAATGCCTAAGTTCACACCGGTAACCGCACCTGATGAGTTGCCAAA ACTGACCATTAAGCCGCGGCGTTGCAGGCAATCCAGCGACCGTTCCCAGGTGTCTCTGCCCACGGAATCGTACACCACGC GCACTTTCTTACCGCCGGTGATCTCTTTTAACCGCTCGACCAGATCCTCTTCACGATAGTTAATAACCTGCCACGCGCCC GCTTTTAGCGCGCTCTGCGCTTTTTGCCCGGGTTCCTACGGTGCCGATAAGTTTCGCGCCCAGGGCTTTTTGCCCACTGGCA GGCAATTAAGCCAACGCCGCCGCCGCGTGGAACAGGAACTGTTCATCGGGTTTAATTTCATAGGTTTTGCGCAGCA CTTTACACCACTGCCGACTTTACTCACGATGCCTGCTTCGGTGCCTAATCCGCTGGGTAGCGATGGCGGCGGGTAAA GGCCGCTGCGGATATATGTGTCGATAAAATTGATGCCGATGGCTTTATTTTCGACCTGGATTTCATTCTCCGCCGGATCG GCAGGAGTGAACTCTACGGCTTGAAGTACTTCCGGGCCACCGTGCTTGTGAAATTCAATTCGTGTTGCCATGTGTCCTCC AGAACGTATCGTCAGGGTCTGCTTCATATGATAAAGTTTCGACCCATTCTTTATCTCGGTAACTCCATTCACTATGGCAG GAAATAAACCCTTCAACAAACAGCAGGCTGAACCCCGCGAACGCGATCCACAAGTTGCCGGGCTGAAAGTGCCTCCGCAC AGCAGACGATTTTTACACCCGCCCACACCGTCATATCTTTACTGAAATGGCGCGTTTTGCAGGAAAGCGGTAGCCCTATCG ATCTGATTACTCTTGCGGAATCGCTGGAACGCCAGGGGCAACTCGATAGCGTCGGTGGTTTTGCTTATCTGGCAGAGCTG GTGGCGCGTATTGAGCAGTTGTTTCAGCAGCCACGATGGCGTTACCGGGGTAAACACCCGGTTATGACGATCTCAACAA AAAAACCGCTGGCTTGCAGCCGTCGGATTTGATCATCGTCGCCGCGCGCTCCGTCGATGGGTAAAACAACATTTGCGATGA ACCTCGTCGAAAACGCGGCGATGTTGCAGGATAAACCGGTACTTATCTTCTCGCTGGAGATGCCATCAGAACAGATCATG ATGCGTTCTCTGGCGTCGCTGTCGCGCGTTGACCAGACTAAAATCCGTACCGGGCAGCTCGATGACGAAGACTGGGCGCG CATTTCCGGCACCATGGGTATTTTGCTCGAAAAACGCAATATCTATATCGATGACTCCTCCGGCCTGACGCCAACGGAAG TGCGTTCCCGCGCACGCCGTATTGCCCGTGAACACGGCGGCATCGGGCTTATCATGATCGACTACCTGCAACTGATGCGC TTAAAAGGCATCGCGGAAATTATTATCGGTAAACAACGTAACGGCCCAATCGGGACGGTACGCCTGACCTTTAACGGTCA ATGGTCGCGCTTCGACAACTATGCGGGGCCGCAGTACGACGACGACTAATAATTATTTTATGAATTAGGTAATTAAAGCA  ${\tt AACACTTATCAAGGAACACAAATGCAAGCGGCAACTGTTGTGATTAACCGCCGCGCTCTGCGACACCACCTGCAACGTCT}$  TAACGAAGAACAGCTGGCTGCGCTGGAAGAGGCTAGCCTGGACGACGGTTACCGTCTGGATGAAACTCGATACCGGTA TGCACCGTCTGGGCGTAAGGCCGGAACAGGCTGAGGCGTTTTATCATCGCCTGACCCAGTGCAAAAACGTTCGTCAGCCG GTGAATATCGTCAGCCATTTTGCGCGCGCGGATGAACCAAAATGTGGCGCAACCGAGAAACAACTCGCTATCTTTAATAC  $\tt CTTTTGCGAAGGCAAACCTGGTCAACGTTCCATTGCCGCGTCGGGTGGCATTCTGCTGTGGCCACAGTCGCATTTTGACT$ GGGTGCGCCCGGGCATCATTCTTTATGGCGTCTCGCCGCTGGAAGATCGCTCCACCGGTGCCGATTTTGGCTGTCAGCCA GTGATGTCACTAACCTCCAGCCTGATTGCCGTGCGTGAGCATAAAGCCGGAGAGCCTGTTGGTTATGGTGGAACCTGGGT AAGCGAACGTGATACCCGTCTTGGCGTAGTCGCGATGGGCTATGGCGATGGTTATCCGCGCGCCGCCGCCGTCCGGTACGC
CAGTGCTGGTGAACGGTCGCGAAGTACCGATTGTCGGGCGCGTGGCGATGGATATGATCTGCGTAGACTTAGGTCCACAG GCGCAGGACAAAGCCGGGGATCCGGTCATTTTATGGGGCGAAGGTTTGCCCGTAGAACGTATCGCTGAAATGACGAAAGT AAGCGCTTACGAACTTATTACGCGCCTGACTTCAAGGGTCGCGATGAAATACGTGGATTAATCGTTCTGTAATATTTGAT TGTCTGTGCCGGATGCGGCGTGAATGCCTTATCCGGCCAATAAAATCCTAAAAATTCAATAAGTTGATGTTCTTTCATGC TCTTATAAAGGTCGTGCCTCTGGCGGATGTACGTTTGTCATGAGTCTCACTCTGTTGCTAATTGCCGTTCGCTCCTGAAC ATCCACTCGATCTTCGCCTTCTTCCGGTTTATTGTGTTTTTAACCACCTGCCCGTAAACCTGGAGAACCATCGCGTGTTTC AAAAAGTTGACGCCTACGCTGGCGACCCGATTCTTACGCTTATGGAGCGTTTTAAAGAAGACCCTCGCAGCGACAAAGTG  ${\tt AATTTAAGTATCGGTCTGTACTACAACGAAGACGGAATTATTCCACAACTGCAAGCCGTGGCGGAGGCGGAAGCGCCCT}$ GAATGCGCAGCCTCATGGCGCTTCGCTTTATTTACCGATGGAAGGGCTTAACTGCTATCGCCATGCCATTGCGCCGCTGC TGTTTGGTGCGGACCATCCGGTACTGAAACAACAGCGCGTAGCAACCATTCAAACCCTTGGCGGCTCCGGGGCATTGAAA  $\tt GTGGGCGCGGATTTCCTGAAACGCTACTTCCCGGAATCAGGCGTCTGGGTCAGCGATCCTACCTGGGAAAACCACGTAGC$ AATATTCGCCGGGGCTGGATTCGAAGTGAGTACTTACCCCTGGTATGACGAAGCGACTAACGGCGTGCGCTTTAATGACC TGTTGGCGACGCTGAAAACATTACCTGCCCGCAGTATTGTGTTGCTGCATCCATGTTGCCACAACCCAACGGGTGCCGAT AGGATTTGGTGCCGGTATGGAAGAGGATGCCTACGCTATTCGCGCCATTGCCAGCGCTGGATTACCCGCTCTGGTGAGCAATTCGTTCTCGAAAATTTTCTCCCTTTACGGCGAGCGCGTCGGCGGACTTTCTGTTATGTGTGAAGATGCCGAAGCCGCT GGCCGCGTACTGGGGCAATTGAAAGCAACAGTTCGCCGCAACTACTCCAGCCCGCCGAATTTTGGTGCGCAGGTGGTGGC GTCAGGAATTGGTGAAGGTATTAAGCACAGAGATGCCAGAACGCAATTTCGATTATCTGCTTAATCAGCGCGGCATGTTC AGTTATACCGGTTTAAGTGCCGCTCAGGTTGACCGACTACGTGAAGAATTTGGTGTCTATCTCATCGCCAGCGGTCGCAT GTGTGTCGCCGGGTTAAATACGGCAAATGTACAACGTGTGGCAAAGGCGTTTGCTGCGGTGATGTAATGCAGGAAAGCAG CGTTCTACGTGAGAGATAATAAACGTTGTTAGTTCTTTTATTGTTAAGCTTATCCCAATTATCTGGAATTCCTTATCCTG TTTTTTTGGGTGGAGTAATAATTTCTGCACATCTAACCATTATTAAAATTTAATAATAAGTATCGGGTTTGTTACGATAGA ATATTTCTATATCCTCAAGAATATGCTTTGCCTTATTGCCTGTGACTTTCTGAGATTCAATTATAGTATCGTTAAATTCT AATGTTAAAGAGAACTCTTTTTTCCGCTTTGTGTAAGTTTAACCTTATATTGATTACCAATATCAAATAAAAAGGTCCTG TTTGTTAACTAAATCAATAAATGCGTGAAAAACTTTACTTGCAATAGAACTTGATACTTCTTCTCCAGGTCTAAAAAAATC TTTTGCAATTTTTAACTGTGTTTCTATGTATAAAAAGAAATCTTTGGCATAAGAGATATCTTTATTATTTAGTGCATCTA GCTCAACAGGTAAAGATGTCGTTTTGTTGCTATTCACATATGATATATTCATATCATCTCCATCGCGAGTAATAAAA TTAATCACCATTGTAGGGTAGGGGGCTGGTCAATCAGAAATCATCTTTATAAACTTCGATTGTTTTTTGTAATGCTGTATC ATTAAGTTCATTAAATCGTACAGCAGATAAATGTTCTATCAAATTTCGCTCATTTGCCGAGGATTCATCATAATAAACGT AAAATTAATGTATCCTTACATCGAGTAATAAACATTTTTTATACAAAAAAAGACAGGAACGTATTTACTGGGTTAAATAT GCAACAAATCTCACAATAAAAAGTTTCAACATACTGACTATTTAGGGAAAAATATGCGCAAGATCACACAGGCAATCAGT GCCGTTTGCTTATTGTTCGCTCTAAACAGTTCCGCTGTTGCCCTGGCCTCATCTCCTTCACCGCTTAACCCTGGGACTAA  $\tt CCAGAAAGCGAAGATTATCTGAAAAATCCTGTGTTCTGGGAAAAAATGAACAATGGCTGGGATGAATTCAGCATTCCAAA$  AGAGGTCGCTCGCCAGCTGATTGATATGCATGTACGCCGCGGTGACGCGATCTTCTTTGTGACTGGTCGTAGCCCGACGA AAACAGAAACGGTTTCAAAAACGCTGGCGGATAATTTTCATATTCCTGCCACCAACATGAATCCGGTGATCTTTGCGGGC GATAAACCAGGGCAAAATACAAAATCGCAATGGCTGCAGGATAAAAATATCCGAATTTTTTATGGCGATTCTGATAATGA TATTACCGCCGCACGCGATGTCGGCGCTCGTGGTATCCGCATTCTGCGCGCCTCCAACTCTACCAAACCCTTGCCAC AAGCGGGTGCGTTTGGTGAAGAGGTGATCGTCAATTCAGAATACTGACAGAGCGGGAGAGCGTGATGCTCTCCCGAATGC TGTTTTTTAATCACACCTTTATCCTTTCGCTGTCTTGCTGCAAACTGATTAAGAGAGTTTTATCAAGGAGCACCATG TGGTATCAAAAGACGCTCACGCTTAGCGCCAAATCTCGTGGGTTTCATCTGGTAACGGATGAAATTCTGAATCAGCTGGC TGATATGCCGCGCGTTAACATCGGCTTACTGCATCTGTTGCTGCAACATACCTCCGCCTCTCTGACACTTAATGAGAACT GCGATCCCACCGTACGCCACGACATGGAGCGTTTTTTCCTCCGCACCGTTCCCGACAACGGAAATTATGAGCATGACTAT GAGGGAGCAGACGATATGCCTTCTCATATCAAATCCTCAATGCTGGGAACATCGCTTGTATTGCCGGTGCATAAAGGGCG TATTCAGACCGGCACCTGGCAAGGCATTTGGCTGGGGGAACATCGCATCCACGGCGGATCGCGTCGCATCATCGCGACAC TACAAGGGGAGTAAAAAATGACCATTTCGGAGTTGCTACAATATTGCATGGCAAAACCAGGCGCAGAACAGAGCGTGCAT AATGACTGGAAAGCGACGCAGATCAAAGTGGAAGATGTACTGTTTGCGATGGTGAAAGAAGTAGAAAATCGCCCAGCTGT TTCGCTGAAAACCAGCCCGGAGCTGGCGGAGCTGCTACGTCAGCACCAGCGATGTGCGTCCAAGCCGCCATCTGAATA  $\tt CAGGCGGTGAATTTACTGCCGGAAGAAAACGTAAATTGCTGGTGCAACTCTGAAAGGAAAAGGCCGCTCAGAAAGCGGC$ GACGAGGATCTCGCCGCCACCACTGCCGCCTTCTGGTCCCAGGTCGACAATCCAGTCAGCGGTTTTGATCACGTCGAGAT TGTGCTCAATCACCACAATGGTGTTGCCCTGATCGCGCAGTTTATGCAGTACGTCGAGCAGTTGCTGAATATCGGCGAAG TGCAGACCGGTGGTCGGCTCGTCGAGAATATACAGCGTCTGCCCGGTGCCGCGTTTTGACAGTTCACGCGCCAGCTTCAC GCGCTGGGCTTCACCGCCTGAAAGGGTGGTTGCGGACTGCCCCAGTCGAATGTACGTCAGGCCAACGTCCATCAACGTTT GCAGCTTACGCGCCAGTGCAGGTACGGCATCAAAGAACTCACGCGCCTCTTCGATGGTCATATCCAGCACTTCGTGGATG GTTTTGCCTTTGTACTTAATCTCCAGCGTTTCACGGTTATAGCGTTTACCTTTGCACTGGTCGCACGGCACGTAGATATC AACGTCCCGGCGTATAGCCGCGCGCACGGGATTCCGGTACGCCCGCAAACAGTTCGCGCACAGGCGTAAACACGCCGGTA TAGGTCGCCGGGTTAGAACGTGGAGTACGACCAATTGGGCTTTGGTCGATATCGATCACTTTATCGAAATGCTCCAGCCC TAATCAGCGTCGATTTACCGGAACCTGAAACCCCGGTGATGCAGGTAAACAGACCCACCGGCAGCGTCAGCGTCACGTCC TTCAGGTTGTTGCCGCGTGCGCCTGTCAGCTTCAGCACTTTTTCCGGATTCGCCGGAACGCGTTTCTTCGGCACTTCAAT GATAGACGGCTCGTCCAGCACGTACATAACGCCAACCAGGCCCGCACCAATCTGGCTCGCCAGACGGATACGCTGTGCTT  ${\tt ACCAATGCTCATGTCGGAGATAGCAGGCGGCGTATTCTCGACATACACGTGGCGCGCTTCCCGACGCAGACGCGTCCC}$  ${\tt CGGCGCTCCATATTATGCAGCACGCCTTCGAACGGATGACGACGAATGGAGGTATCGCCACGATCGTTCATGTATTTGAA}$ TTCAATGTTTTCTTTGCCAGAACCGTACAACACCACTTTATGCACGTTCGCGCTCAGGCTGCCCCACGGCGCTTCGACGT CGAACTTATAGTGATCTGCCAGCGATTTCAGCATCTGGAAATAATAGAAGTTGCGGCGATCCCAGCCACGGATCGCACCA  $\tt CCAGCCAGCGACAGTTCCGGATCACTCGATCAGGATCGAAATATTGCTGTACGCCAAGGCCGTCGCAGGTCGG$ GCAGGCCCCGCCGGGTTGTTAAACGAAAACAGTCGCGGCTCCAGTTCACGCATACTGTAGCCGCAAATTGGGCAGGCGA AGTTGGCGGAGAACAGCAGCTCTTCCGCTTTCGGGTCGTCCATATCCGCCACTACCGCGGTACCACCGGAAAGCTCCAGC GCGGTTTCAAATGACTCGGCAAGACGTTGGGTAAGATCGTCACGCACCTTGAAGCGATCAACCACCACCTTCAATGGTATG TTTCTTTTGCAGTTCCAGTTTTGGCGGATCGGAAAGATCGCAGACTTCGCCATCAATACGAGCACGGATGTAGCCCTGGC TTGCCAGGTTCTCCAGCGTTTTGGTGTTCGCCCTTTGCGCTCTTTAATGATTGGCGCGGAGTAGCATCAGACGCTTGCCT TCCGGCTGCGACACCACCTTATCCACCATCTGGCTGACGGTTTGCGCCGCCAGCGGGACGTCGTGGTCCGGACAGCGCGG   ${\tt ACGTCGATTTCTGCTCAATTGAGATGGCAGGAGAAAGCCCCTCAATATGATCGACGTCCGGCTTTTCCATCAGTGACAGA}$ TTTGCCAGAACCCGAAAGCCCGGTCACGACAATGAGCTTGTCGCGGGGGATAACGAGGTTGATGTTTTTGAGATTATGGG TGCGGCCCCGAACTTCGATCTTATCCATTCACCTTTCCCGGATTAAACGCTTTTTTGCCCGGTGGCATGGTGCTACC GTAACAATGTCTGGCCAGGTTTGTTTCCCGGAACCGAGGTCACAACATAGTAAAAGCGCTATTGGTAATGGTACAATCGC  $\tt GCGTTTACACTTATTCAGAACGATTTTTTTCAGGAGACACGAACATGGCCAGCAGAGGCGTAAACAAGGTTATTCTCGTT$ GGTAATCTGGGTCAGGACCCGGAAGTACGCTACATGCCAAATGGTGGCGCAGTTGCCAACATTACGCTGGCTACTTCCGA ATCCTGGCGTGATAAAGCGACCGGCGAGATGAAAGAACAGACTGAATGGCACCGCGTTGTGCTGTTCGGCAAACTGGCAG  ${\tt AAGTGGCGAGCGAATATCTGCGTAAAGGTTCTCAGGTTTATATCGAAGGTCAGCTGCGTACCCGTAAATGGACCGATCAA}$ TCCGGTCAGGATCGCTACACCACAGAAGTCGTGGTGAACGTTGGCGGCACCATGCAGATGCTGGGTGGTCGTCAGGGTTGG ATCAGTTCAGCGGCGCGCGCAGTCTCGCCCGCAGCAGTCCGCTCCGGCAGCGCCGTCTAACGAGCCGCCGATGGACTTT GATGATGACATTCCGTTCTGATTTGTCATTAAAACAATAGGTTATATTGTTTTAAGGTGGATGATTAAAGCATCTGCCAG TCTCTTCTATCATCACCGACTCGATGTTGTGCCAGATAGCGGTGATGTCCGCCATTGTGATGCCAAGCAACCCCATTGCG AACCAACAGGCGGAAACAACGCCCAGACCGCTGCTGATCACCGCAAGCCCGACATAATCAGACCGACGAAAACGGATGTT GAGTGTGCTGCCAGAAACATCATTACGGCACTAAGAAGTTGCCAGCGAAGAAGAACCACGCCAGTGGTGAGGGTAGCCA TAGCCATATTAGGCCGTGACTTTTATTGCTGTACAGATTATGTGGTTTTTCAGTGGCATTAAGGGCATATCTTCCCGCCG TCAAATCAGGCAAAAGTGCTATTTATACCGTAAGATTTATCTAAAGACGTCGGTACCCAGGGTTTTCACCTTGCAATGGC  $\tt CGGGTATAAACAGGCAGGAAATTGATAGCAATGAGTCATCGTGCACGACACCAATTACTGGCGTTGCCGGGCATTATCTT$  $\tt CCTTTGCTCAACTGGCACTGGATAAATCCGAGCTGGTCATTCGCCAGGCAGATTTAGTGAGCGATGCAGCTGAACGCTAT$  $\tt CAGGGGCAAGTTTGCACTCCAGCCCATCAAAAGCGAATGTTGAATATTATTCGTGGCTATCTTTATATTAATGAATTGAT$ CTATGCCCGTGATAACCATTTTTTATGCTCATCGCTGATAGCGCCTGTAAACGGCTATACGATTGCACCGGCCGATTATA AGCGTGAACCTAACGTTTCTATCTATTATTACCGCGATACGCCTTTTTTCTCTGGCTATAAAATGACCTATATGCAGCGG GGAAATTATGTGGCGGTTATCAACCCTCTCTTCTGGAGTGAAGTGTCTGATGACCCGACATTGCAATGGGGTGTGTA TGATACGGTGACGAAAACCTTTTTCTCGTTAAGCAAAGAGGCCTCGGCAGCAACGTTTTCTCCGCTGATTCATTTGAAGG ATTTAACCGTACAAAGAAATGGCTATTTATATGCGACAGTTTATTCGACAAAACGCCCAATTGCAGCCATTGTTGCGACT TCATATCAACGTCTTATAACCCATTTTTATAATCATCTTATTTTTGCGTTGCCCGCCGGTATTTTTGGGGAGTCTTGTTCT GCTATTACTCTGGCTACGTATTCGACAAAACTATTTATCTCCCAAACGTAAATTGCAACGCGCCCTCGAAAAACATCAAC TTTGTCTTTATTACCAGCCAATAATCGATATCAAAACAGAAAAATGTATCGGCGCTGAAGCGTTGTTACGTTGGCCTGGT GAGCAGGGGCAAATAATGAATCCGGCAGAGTTTATTCCGCTGGCAGAAAAGGAGGGGGATGATAGAACAGATAACTGATTA TGTTATTGATAATGTCTTCCGCGATCTGGGCGATTACCTGGCAACACATGCAGATCGCTATGTTTCTATTAACCTGTCGG  $\tt CGAAGTGGCAATTGATGATTTTGGTATTGGCTACTCTAACTTGCATAACCTTAAATCATTGAATGTCGATATTTTGAAAAA$ TCGACAAATCGTTTGTTGAAACGCTGACCACCCACAAAACCAGTCATTTGATTGCGGAACACATCATCGAGCTGGCGCAC AGCCTGGGGTTAAAAACGATCGCTGAAGGCGTCGAAACTGAGGAGCAGGTTAACTGGCTGCGCAAACGCGGCGTGCGCTA TAACGCGCGGGCAATAAAATTACAGGCGGTGGCGATAATCGCTGGGAGTGCGATCAAACTGCCGACGGAAAACGCGGGAG  ${\tt CAGTAACAGGCGCGTTGGCGAATGTAATCGCCAAGCGTCTGATGCGTCACCGTGCGGAACATTCGTTGCAAGTACCACT}$ TTGAATAGCCTGATTTTTTTGCGACTACATCAATGTTAAGCGGCTGGTCAATATGCTCGTCAATCCATGCGATAAGATCC TGAATAATTTCTGATGGGACATAAATCTGCCTCTTTTCAGTGTTCAGTTCGTTAATTCATCTGTTGGGGAGTATAATTC  $\tt CTCAAGTTAACTTGAGGTAAAGCGATTTATGGAAAAGAAATTACCCCGCATTAAAGCGCTGCTAACCCCCGGCGAAGTGG$ AATCAGCGGCGATATAAACGTGATGTTTCCGATATGTTGCAATTATCAAAATTGCTCAGCGTATTGGCATTCCGCTGGC GACCATTGGTGAAGCGTTTGGCGTGTTGCCCGAAGGGCATACGTTAAGTGCGAAAGAGTGGAAACAGCTTTCGTCCCAAT GGCGAGAAGAGTTGGATCGGCGCATTCATACCTTAGTGGCGCTGCGTGACGAACTGGACGGATGTATTGGTTGTGGCTGC CTTTCGCGCAGTGATTGCCCGTTGCGTAACCCGGGCGACCGCTTAGGAGAAGAAGATACCGGCGCACGCTTGCTGGAAGA GAGGGTTTCCCCCGACGTCAACACACCTCATTCGAGCACGTGGTGGAGGTTCCGGTTGGTGTTGATGCTTTAATTGTATG TCACCGACGTTTCTTCGCCAGTGTAAAAGTATACTTTTTAACCGCAATATTTTTGTCATCTCAGACGATTTTTTATCGCA ATCCTGAACGGTATACGGCTCGATAACGCTGCAATCTTGCGCACCGACGATAACGTTTGCGCATCAATTGCCTGGTTTTT CATCGTCAAGACAATAAAAGGAGAAAAAAGCAGCAAACTTCGGTTGAAAAAGCCGCTATGATCGCCGGATAATCGTTTGCT TTTTTTACCACCCGTTTTGTATGCGCGGAGCTAAACGTTTGCTTTTTTTGCGACGCAAATTGTCGCAAACCTGGAGCA GGAAGATAACGTTTCGCTGGCAGGGGATTGTCCGCCACGCATCTTGACGAAAATTAAACTCTCAGGGGATGTTTTCTTAT GTCTACGCCATCAGCGCGTACCGGCGGTTCACTCGACGCCTGGTTTAAAATTTCACAACGTGGAAGCACTGTCCGTCAGG  ${\tt AAGTGGTTGCCGGGTTAACAACGTTTCTGGCGATGGTCTACTCGGTCATCGTCGTTCCAGGTATGTTGGGTAAAGCAGGC}$ TTCCCGCCTGCGGCAGTTTTCGTTGCAACCTGTCTGGTTGCCGGACTCGGTTCTATCGTGATGGGTCTGTGGGCTAATCT GCCGTTGGCGATTGGTTGCGCCATCTCCCTGACAGCGTTTACCGCATTCAGCCTGGTGCTGGGGCAACATATTAGCGTAC  ${\tt CTGTCGCGCTGGTGCCGTGTTCCTGATGGGTGTGCTGTTTACGGTAATTTCTGCCACGGGTATCCGTAGCTGGATTTTG}$ TGGTAGGTCTGGCGGTGATCATCGGCCTGGAAAAACTGAAAGTCCCTGGTGGCATTCTGCTGACCATTATCGGTATCTCA
ATTGTCGGTTTGATCTTCGATCCTAACGTCCATTTCTCCGGCGTTTTTCGCCATGCCTTCATTGAGCGATGAAAACGGCAA TTCACTGATTGGCAGCCTGGACATTATGGGCGCGCTGAATCCTGTAGTCCTGCCAAGCGTTCTGGCGCTGGTGATGACGG CAGTATTTGATGCCACCGGAACTATCCGTGCCGTCGCCGGCCAGGCGAACCTGCTGGATAAAGATGGGCAGATCATCGAC TGTTCCTCTCTCCGCTCTTTACCTCGTTCCGGGGTATGCAACGGCTCCGGCGCTGATGTACGTTGGCCTGATGCTG AGCAACGTGGCGAAAATCGACTTTGCTGATTTTGTTGATGCGATGGCGGTCTGGTTACGGCTGTATTCATCGTGCTGAC  $\tt CTGTAACATCGTAACAGGCATCATGATCGGCTTCGCGACTCTGGTGATTGGTCGTCTGGTTTCCGGCGAATGGCGCAAGT$ TTCTGAAAACGGGTGGCAATGGCTGCCCGTTTTTATTTTCTCCGCACATTGTGTGAGCTTTTTGCGATATTCTGAAAAAAA TGAGAATTCAGGCATAACGTCTTTCTCAGATCATAAAAAACATCGCAAACAGGGAACGCATGGAAATCTTCTTCACCATA  ${\tt AATCGCCATCGGTGCCCTACTGGCGTGCCGACGTTTGGTTTGCATGTGGAGTTTGATCCTGAACTCTTTTTAGTCTTGT}$ TTATCCCGCCGTTGCTGTTCGCTGATGGCTGGAAAACGCCGACCCGTGAATTTCTCGAACATGGTCGAGAGATTTTCGGC  $\tt CTCGCGCTGGCGCTGGTGGTCACCGTGGTCGGCATTGGCTTCCTTATTTACTGGGTGCTGCCGGGCATTCCGCTGAT$ GCAGTGGCGATGGGGACGATGATCTTCACCGTCGGCGGTGCGACGGTCGAATTTATGAAAGTAGCCATTGGCGGTATTCT CGCCGGTTTTGTGGTGAGCTGGCTGTACGGTCGCTGCGATTCCTCAGCCGCTGGGGCGGTGATGAACCCGCGACGC AGATCGTCCTGCTGTTCCTGCCATTCGCTTCTTATCTGATTGCCGAACATATTGGCGTTTCCGGCATCCTCGCTGCG GTTGCCGCCGGGATGACCATCACCCGCTCCGGTGTGATGCGCCGTGCGCCGCTGGCAATGCGCCTGCGTGCAAACAGCAC CGCTGATGGCAGCAGAAATCGACCCTAACGTCGAAATCTGGATGCTGTTTACCAATATTATTCTGATATATGCGGCGCTG ATGCTGGTCCGTTTCGGCTGGCTGTGGACGATGAAAAAGTTCAGCAACCGCTTCCTGAAGAAGAAGCCGATGGAGTTTGG TTCGTGGACCACGAGAAATCCTGATCGCGTCTTTCGCCGGGGTGCGTGGGGCGATCACTCTGGCCGGTGTGCTCTCTA TCCCGCTGCTCTTGCCGGATGGTAACGTCTTCCCGGCGCGCTATGAGCTGGTGTTCCTGGCGGCTGGCGTCATTCTCTTC TCGCTGTTTGTCGCCTGTGGTGATGTTGCCTATTCTGCTACAACACATTGAAGTCGCCGGATCATTCGCAACAATTGAAAGA

GGAACGTATTGCGCGAGCGCCAACGGCAGAAGTGGCGATTGTGGCGATCCAGAAAATGGAGGAGCGTCTGGCGGCGGATA TGAACTTTACCACCTGCGCGCCACACGGGAGATCAGCAACGAAACGCTGCAAAAATTACTGCACGATCTCGATTTGCTTG  ${\tt AAGCGTTGCTAATTGAGGAAAATCAGTAAGCCGAAGCGACGTAACCAGGCCCGAGGTAATCTGAAAAAGGTGCAATCTT}$ TTGGCTGTTCTTCGACTTAACCTCAATCTGCATCTTGCATAATATCTGCAGTAATCTTCATAGCGACTGCATGAAGATTA TCCTCAGTTTGTGACATGCCAGTATGAGTGGCACAATCTTCTTCAAAGAATTTCTGTAGTGTTACCAGGATATCACTATT AATGGAGATATTTTCCTCACCACGGAGAATGGTAATACCCATTCCCTGGACGCTAGCCTCATCGAAATTAACACGATAGA GACGGATATTAAACATCCAGGCTTTTGTTAAAACAGAACAGTTGAAATGGCAATTGCTTAAATTGGCATTATTAAAATTA ACATTAGCCATATTAGAGTCGGTACATATAACCATTTCGAGGAACGTATTTGTTAACCGCGTAAAAAAAGAGTTTGCTATC GTTTAGAGAAGCTAAGGTCGGCTCTAAATAAATTAATATATGCCGCTATTACTTTATAAAGATTTACCTCAGCCATGTAT GCCATATAAAAATTTGAATAATCAAGGAAGGTATTTTTAATATTGGCTCTATTCATTGTTGCATTGTAGAATTGAACATG  $\tt CATAGCGGAACATGAATTTAGAGTTCCGTCAGTCATTTTTATCTGAGCGAAATTTGAGTCATCGAGAATACAATTATCAA$ AAAGTATTTTTCCATTATGGCGAAATTAAAATTCGTTTTATACATATTACAGTCCTGAAAAATAGCGTTTTGTAGTCTG CAACCTGCAAAATTCGAATTGGATAAATCTTCATCTTTAATCACGATACCTTTCAGGCTAAGGTGTGAAAAATCGTAACC CTTCCTTATCTTATTAAGGTAAACTCTTCTCGTAATTCTATCGTCACATTTATTATTTGCATGTGAAGCTATATCTATA AAATATTTATGTATTTTCCTGTCCGTTTCTTTCGTGATTTTTCCTGATGGTAAACTATCATAAATTCTTTTCATTTTCTG GTTTGCTGTAATTATCTGATTTTGTTTTCTTTGTATGTGATGGACTTGTGACAGAGTGGTTATCGTTAATCAGGCAAAGA ATTATCATTTCTACGACTGTCAAAAATCGCTCATTTTTTAATGAGTTTATTTGTTTAATATTATGGGAAAAGGTGATGC GAAGAACCAGATGCCGAGGAATGCCACGGTGATAGAGAACAGCGCCGGGTATTCATACGGGAAGATGGCTTTTTCGTGAC GCGCCACGCGTGGTCAGTTTCGACCAGTACATAGAAAGCAGAATGATCGGGAAGTTACAGCTCGCCGCGATGGCAAACGC TGATTTTTGATACCCGCAGCTCTTCACGTTCGGTCGCGCCTTTTTTTGAAGACGTTAGCGTACAAGTCATGCGAAACCGCG GATGCGCCCGCCAGCGTCAGACCCGCCAACCACCGCGAGGATAGTGGCGAAAGCAACCGCTGAAATAAAACCGAGGAACAG  $\tt GTTGCCGCCCACTGCATTCGCCAGGTGAACGGCCGCCATGTTGTTACCACCAATCAGATGGCCCGCCGCTCTTTATATT$ CCGGATTCGCACCAACCAGCATGATCGCGCCGAAGCCGATAATAAAGGTCAGAATATAGAAGTAGCCCATAAACCCGGTG GCGTAGAACACGCTCTTACGTGCTTCGCGGGCATCGCTGACTGTAAAGAAGCGCATCAGAATGTGCGGCAAGCCCGCCGT CTTTCGGGTGTACCGCCATCGCTTCACTGAACAGATTGTTGAAGCCTAAAGCCGACGTGTTTCATCACCATAAAGGCCATA AAGCTGGCACCGAACAGCACAGCACGGCTTTGATAATTTGCACCCAGGTGGTCGCCAGCATGCCGCCGAACAGGACGTA  $\tt CCACCATCTGGGCGATAAGGTAAAGCCCACCACCACCAGGAGAACCACGGCCGAAAGAATACGAATCGGCCCTTGTTTC$ AGACGGTAAGAGGCCACATCGGCAAAGGTGTAGCGCCCCAGGTTACGCAGACGTTCGGCAATCAGGAACAAAATGATCGG AGGCGGCGGACATATAGTCCCCGGCAATCGCCAGCCCGTTCTGGAAGCCAGTGATATTGCCGCCTGCGGTGTAGTAGTCG GCCAGATGTAGATACCGGTGAGAACAAGGAGATCACAATCACTCCAACACCAATTGGAATACCGCGTGTGACGCTGGTG TTCGGATTCAGCGGCGTGCCCAGCCGGCGGCGGCGAAGGCGATCAGTAAAATAAAGCCGATATAAACTGCCAGCATAAA AATCGACAGGATGGTGGCAAACCGTTGCCGTTTTTCGACTAACTCCCTGAAATGCGCATTGTCTTCTATCCGCTGATAAA TAGTGCCATTCATCACAGATTCTCCAGAGGTAATGTAGGGATTGTTTTAATTCCCGCTCCCTTATGGGAGAAGGTTAACG GCGTCTTATCAGGCCTACAAACCGTTACCGACTCGCATCGGGCAATTGTGGGTTACGATGGCATCGCGATAGCCTGCTTC TTTGCGCAGAATACGGCGCATAATTTTGCCGGAGCGGGTTTTAGGCAGGAGTCGGTCCAGTGCAGCACGTCTGGCGTCG  $\tt CCAGCGGGCCAATCTCTTTACGCACCCAGTTGCGGACTTCTGCGTACAGTTCTGGTGACGGTTCCTCCCCGTGATTAAGC$ GTGACGTAGGCGTAGATCGCCTGACCTTTAATATTGTGCGGAATACCTACTACGGCGGCTTCGGCAATCTTCGGATGCGC AGTAATAGCCATCTTCATCGCGACGCGCCGCTCGCCGCTGAAATACATATTTTTTGAAGGTGGAGAAGTAGGTCTGTTCA AAACGTTCGTGATCGCCAAACAGCGTACGCGCCTGACCCGGCCAGGAGTCGGTGATTACCAGGCTACCTTCGGTGGCCCC  $\tt CTCCAGCGGGTTACCTTCGTTATCGACCAGCGCCGGTTGCACGCCGAAGAACGGACGTGTTGCCGAACCGGCTTTCAGCT$ TTGCCGATTTTTTTCCAGTACCACTCCCACGCTTCCGGGTTAATTGGCTCGCCCACGGAACCGAGAATGCGCAGCGACGA  ${\tt ACGGTCGGTGCCTTCGATCGCTTTATCGCCTTCCGCCATCAGCGCGCGGATCGCCGTGGGTGCGGTATAGAGAATATTGA}$ CGGATGATAATCAAAGACATATTTAAAGGTCAGCGCCGCGTACACCAGATAACCGCCGGTAGTATGCAGCACACCTTTTG GCTTACCGGTAGAACCGGAGGTGTAGAGAATAAACAGCGGATCTTCGGCGTTCATCTCTTCCGCCTGGTGCTGATCGCTC GCACACCTTCGTCGGAAGTGATCACCAGTCGTGAGTTGGAATCAATAATGCGCCCGGCAACGGCTTCCGGCGAGAAGCCG  ${\tt CCGAAAATCACCGAATGCACCGCCCAATGCGGGCCAGGCCAGCATCGCAACCGCGGCTTCCGGCACCATCGGCATATA}$  ${\tt AATCGCCACCACATCACCTTTTTTAATGCCCAGCTCGAGCAGGGTATTGGCGAAGCGCAGACGTCGCGGTGCAGCTCTT}$ TATAGCTGATATGTTTGCTCTGGCTGGCGTCGTCGCCTTCCCAGATGATGGCGGTACGATCGCCGTTTTCTTGCAGATGG GTTTTTCACCTTCTGGTAAGGTTTGATCCAGTCAAGAATTTTTCCCTGTTCGCCCCAGAAGGTATCAGGTACGTTAATAG ATTTGGCTCATGCTTTTGTTCTCCTTGTAGGATGTTAATAATATGTGGCATAAGCGTTAAATGTAGGGGTATTGGCAGTT TTGTTTAGTATTTGGGCGACAGATCACGCAAAAGTAGAATTGTGCAAATAAACGGCAGGGTAATTTTTGAAGGTCAGCAA GGTATTTTACATGCACTTACAATTGATTAAAGACAACATTCACAGTGTGGTTATTTGTTACACATAGGGGCGAGCAATGT  $\tt CCTATGACAAGGATAAAAATAAACGCACGCCGTATCTTCAGCTTATTGATTCCTTTTTCTTTTTCACTTCTGTTCACGC$ TGAACAAACGGCTGCTCCCGCAAAACCTGTAACTGTGGAAGCGAAGAATGAAACCTTTGCCCCGCAGCATCCCGATCAAT ATCTCTCCTGGAAAGCCACCTCGGAACAGTCAGAGCGTGTTGACGCCCTGGCGGAAGATCCACGGCTGGTGATCCTGTGG GCGGGGTATCCCTTCTCGCGCGATTACAACAAGCCGCGTGGACATGCTTTTGCTGTGACCGATGTGCGTGAAACCCTGCG  ${\tt TACCGGTGCGCCGAAAAACGCTGAAGATGGTCCGCTACCGATGGCATGCTGGAGTTGTAAAAGCCCGGATGTGGCGCGTC}$ ATGTGGAGTATTACTTCGACGGCAAAAACAAAGCGGTTAAATTCCCGTGGGATGACGGCATGAAAGTCGAAAATATGGAG CAGTATTACGACAAAATTGCCTTCTCTGACTGACTAACTCCCTGTCGAAAACGCCAATGCTGAAAGCGCAGCACCCGGA ATATGAAACCTGGACAGCGGGCATTCACGGTAAAAACAACGTGACCTGTATCGACTGCCATATGCCAAAAGTGCAGAACG  ${\tt CCGAAGGCAAACTCTACACCGACCATAAAATTGGTAATCCGTTTGATAACTTCGCCCAGACTTGTGCGAACTGCCATACC}$  $\tt CAGGACAAAGCTGCCTTGCAAAAAGTGGTCGCGGAACGTAAGCAGTCGATTAACGACCTGAAAAATCAAGGTTGAAGATCAAGGTTCAAGAGTTCAAGAGTTCAAGAGTTCAAGGTTCAAGGTTCAAGGTTCAAGGTTCAAGAGTTCAAGGT$   ${\tt CGGATGCTCGGTACGGCGATGGATAAAGCGGCGGGTGCACCAAACTGGCGCGCCTGCTGCGGGACCAAAGGCATCAC}$  $\tt CCATGAAATCCAGATCCCGGATATCTCAACCAAAGAGAAAGCCCAGCAGGCCATTGGCCTGAACATGGAACAAATCAAGG$  ${\tt CCGAGAAGCAGGACTTCATCAAAACGGTGATCCCGCAGTGGGAAGAACAGGCACGTAAAAACGGTCTGTTAAGCCAATAA}$  $\tt CTGGCGTCGGGCCTGTTGTGGAGCCTGAACGGAATTACCGCTACCCCTGCGGCGCAGCCATCTGATGATCGCTACGAAGT$ TACCCAGCAGCGTAACCCGGATGCCGCCTGTCTGGACTGTCATAAACCAGATACCGAAGGTATGCATGGAAAACATGCTT GTGAAAGATGTGATGCGCTTTAACGAGCCGATGTACAAGGTTGGAGAGCAGAACAGCGTCTGTATGTCCTGTCATCTGCC GGAACAGTTGCAAAAAGCGTTCTGGCCGCACGATGTCCACGTAACCAAAGTGGCGTGCCCAGCTGCCATTCCCTGCATC CACAGCAAGATACGATGCAGACGTTAAGTGACAAAGGACGGATTAAGATTTGCGTCGATTGCCACAGCGATCAGCGCACC AATCCGAACTTTAACCCGGCGTCTGTTCCGTTGCTTAAGGAGCAGCCATGACCTGGTCTCGTCGCCAGTTTCTCACCGGC GCGTCTCGCGCCTGACGATTATTCGTAGCGAGCCGCAGGGCGAATTTCCTGATGTGAAATATCGCTTCTTCCGTAAGTCT TGCCAGCACTGCGATCATGCGCCGTTGACGTCTGCCCGACCGGTGCGTCTTTTCGCGATGCTGCCAGTGGGATTGT TGCCCGACCAAGGCGCTGACGTTTGGCAATCTGGACGATCCCAACAGTGAGATTTCGCAACTGCTGCGCCAGAAGCCCAC TTACCGCTACAAGCTGGCGCTGGGAACCAAACCGAAGCTGTACCGCGTACCGTTTAAATACGGGGAGGTGAGCCAATGAC  $\tt GCAGACTTCCGCATTTCATTTTGAATCGCTGGTGTGGGGACTGGCCGATTGCCATCTACCTGTTTTTTGATTGGTATTTCTG$ ACGCTGATTGTCGGGCCGGGCGCGGTGATCCTCGGTCTGTTGATCCTCGTCTTCCACCTGACAAGACCGTGGACCTTCTG GAAGCTGATGTTCCACTACAGTTTTACCTCGGTGATGTCGATGGGGGTGATGCTGTTTCAGCTCTACATGGTGGTGCTGG  ${\tt AAGGTTCTGAGCCTGCTGACGCCCGTTCATCGCGGACTGGAAACATTGATGCTGGTGCTGGCGGTGTTGTTGGGGGGCTTA}$ TACCGGCTTTCTGCTGTCGGCGCTGAAATCGTATCCGTTCCTCAATAACCCGATCCTGCCGGTGCTGTTCCTCTTCTCCG TTTGTACACCGTATGGAAATCCCTGTGGTATGGGGTGAAATCTTCCTGCTGGTGGCGTTTTTTTGTCGGTCTGGCGCTGGG  $\tt GGCTGGGGCTGATTGTGCCAATGCTGCTCAAACCGTGGGTCAATCGCAGTTCCGGCATTCCTGCCGTGCTGGCGGCGTGT$  ${\tt GGGGCCAGTCTGGTCGGCGTGTTGATGCTGCGCTTTTTCATTCTCTACGCCGGACAGTTGACGGTGGCGTAAGCCAGAAA}$  ${\tt AGAGGTGGTTTCTGGACGTATTCCTTGAAGTCGGTTTTCTGGCGTTGTTAAGTCTCGGGGTCAACGTGTTGACC}$  $\tt CCGTTGACGGCCTTCGCGGGAGTGCGGTTGCGCTGCCATGATGCGACTCACTTGCATCGGCATTCTGGCGCAGTT$ ATAGCTATAGCCTGCTGTGGGAACTCAAGCTGGCAGCGGTGTGGGGCGCCATGAAGGTTCGCTGCTTTTGGGTG CGTTTTATCTCTCATGCTCGCCGCACTGCTACTGTTTGTGGTGCTGTGGTCCGATCCCTTCGTGCGGATATTTCCACCAG GGCGGTTTGATGGTAGCGGCGAGCGTGGCGAGTCTACTGCGCGGCGAGTTTGATGGTGCCTGCGCCCGAATTTG GCTGGCCACCTTAATTGTCCGTTCTGGCATTCTGGTTTCGGTTCATGCGTTCGCGCTGGATAACGTCCGCGCCGTGCCGT CGTTACCGTTTGGTCTGTTGATGCTGGTGGTGATTGTCCTGCCGACGTTTGTCTCTGGCAAACGCGTGCAGCTTCCGGCG  $\tt CTGGTAGCTCATGCGGCGTGTTATTTGCCGCTGGGGTCGTGGTCTCCAGCGTCAGCCGTCAGGAGATCAGCCTGAA$  TTTACAGCCGGGTCAGCAGGTGACGCTGGCAGGATACACCTTCCGTTTTGAGTGCCTCGATCTACAAGCCAAAGGCAATT  ${\tt ACACCAGCGAAAAAGCGATAGTGGCACTGTTTGACCATCAGCAACGCATTGGTGAACTGACGCCGGAGCGGCGTTTTTAT}$ GAAGCACGCCGTCAACAATGATGGAACCGTCAATTCGCTGGAACGGCATCCATGACTGGTATGCGGTCATGGGGGAGAA GCCAGTTACGTTGTCCGCAGTGCCAGAATCAAAACTTACTGGAATCCAACGCGCCGGTGGCTGTCAGTATGCGCCATCAG GTTTACAGCATGGTGGCGGAGGGGAAGAACGAAGTCGAAATCATTGGCTGGATGACCGAACGCTACGGAGATTTTGTTCG TCTGGCGAGTGAGGGCGAAGCGATGAAACAGCCCAAAATACCGGTGAAAATGCTGACAACACTCACGATATTGATGGTAT
TTCTCTGTGTCGGCAGTTATCTGTTAAGCCCAAAATGGCAGGCGGTACGTGCGGAGTATCAGCGTCAGCGCGATCCGCTA CATCAGTTTGCCAGCCAGCAAACCCCGGAAGCGCAGCTTCAGGCATTGCAGGATAAAATCCGCGCTAATCCACAAAACAG GCCCAGACTCGCGCAATGATCGACAAAGCCCTCGCGCTGGACAGTAATGAAATCACCGCCCTGATGCTGCTGCTTCCGA TGCGTTTATGCAGGCGAACTACGCGCAAGCCATCGAACTATGGCAAAAAGTGATGGATCTCAACTCACCGCGAGTTAACC GAACACAGCTGGTTGAGTCGATTAATATGGCGAAATTGTTGCAGCGGAGATTGGATTAATCATCTGGTGATGAAGATTAT GTCATTGAGCTGCATAAAAAATAATCGAATGAACATATGCCAAAAATAATCACTAATCAGTATTATTGCAGATTAAACAA ATAAAAATCTTTCCATAACAAATGGTTATTCATTAATCCTGCCATAAACTCGCGTTATTATGCATTAATGCAGCGAAAAG ATGAAAAATATAAAATTCAGCCTGGCCTGGCAGATTCTGTTTGCTATGGTGCTGGGCATTCTCCTGGGAAGCTACCTGCA TGATTGTTGTGCCGATTGTGATCTCCACGCTGGTGGTGGTGGTGGTGTTGGTGGTGATGCCAAACAGCTCGGGCGTATT GGCGCGAAAACCATTATCTACTTCGAGGTGATCACCACCGTCGCCATCATTTTTGGGGATCACTCTGGCGAACGTCTTCCA  $\tt GCCCGGTGCCGGGGTGGATATGTCGCAGTTGGCGACCGTCGATATCTCGAAATATCAGAGCACTACGGAAGCGGTACAAA$ GCAGTTCCCACGGCATTATGGGCACGATTTTGTCGCTGGTGCCGACGAACATTGTGGCGTCGATGGCGAAAGGCGAAATG TGATTGCGGTGACGGTGGCTAACTTTGGTTTCTCGTCTCTGTGGCCACTGGCGAAACTGGTGCTGCTGCTGCATTTCGCC ATTCTGTTCTTCGCGCTGGTAGTGCTGGGAATTGTGGCGCGCCTGTGCGGGTTAAGCGTCTGGATCCTGATTCGTATTCT GAAAGATGAGCTGATTCTGGCGTACTCCACTGCCAGCTCTGAAAGCGTGCTGCCGCGAATTATTGAGAAGATGGAAGCCT AGTATTGCCGCTATCTTCATCGCGCAGTTGTATGGCATTGACCTGTCCATCTGGCAGGAAATCATTCTGGTGCTGACGCT GATGGTGACCTCGAAAGGGATTGCTGGCGTGCCTGGCGTGTCGTTTGTGGTGTTGCTGGCAACGCTGGGTAGCGTAGGTA AATGCGCTGGCGGTGCTGGTGATTGCCAAGTGGGAACACAAATTTGACCGTAAGAAAGCGCTGGCTTATGAGCGTGAAGT GCTGGCCAAATTTGATAAAACTGCGGATCAATAATTGAAGATTGCCGGGGATATCCACCCGGCAATGTGTGAATGCCTGA TGCGACGCTTGCCGCGTCTTATCAGGCCTACGCCAGACAGCGCAATAGCCTGATTTAGCGTGATTTTGTAGGTCGGATAA GGCGTTTATGCCGCATCCGACATCAACGCCTGATGCGACGCTTAACGCGTCTTATCAGGCCTACGCCAGACAGCGCAATA GCCTGATTTAGCGTGATTTTGTAGGTCGGATAAGGCGTTTACGCCGCATCCGACATCAACGCCTGATGCGACGCTTGCCG ATCCGACATCAACGCCTGATGCGACGCTTAACGCGTCTTATCAGGCCTACGCCAGACAGCGCAATAGCCTGATTTAGCGT GATTTTGTAGGTCGGATAAGGCGTTTATGCCGCATCCGACATCAACGCCTGATGCGACGCTTAACGCGTCTTATCAGGCC TGATGCGACGCTTGCCGCGTCTTATCAGGCCTATCTTAACCGTTGGTTAATTTTTCAAACTCTTCACACCCGGTATCAAA  $\tt CCCTTCCATACAGCTCAGGTTCAACCAGTGCAGCGCCTTTTGCTTGTTCTTCGATAAAACCTTCTTCACCGTTTAAGA$  TCGTCGGCCTTAATGCCCACGCCGTTGGCGTAAATCAAACCAAGCAGCATTTGGGCATCGACGGCAGAGTCGTTCTCCAG ATCTTCCGAGGCGTTTTCTAACAGCGAAATTGCCTTTGGATAATCCGGTTTACCCGCTTGAGTATTTACCAGAATATGCG TTCGGCTTTGCTCAAATCGCCGGAGCTAAACCAGCTGTCGGCAAGAAATATTGTGCGCGTCGGTCCCCGGCCTCTGCTG  $\tt CCTTTAAATACTGGCTGCCAGGCTCGGAGTCGTTGGCGTGGGCAAAGAATGTCAAAAACAACATCAATGCGATAATTTTT$ TTCATTTTGATAATACGATTGGGTAGGGAGTAACCAGTATAAAGAGTTCGAATGGATAAAAAAACAGCCTCCGAAAGGAG GCTGTAGAAAGGACGGTATTACGCCAGTGCCGCTTCGCGCAGGCGAGTTTTCAACTTGTTGTACTCGTCAATCACGTACT GCTCGGCGGCGCTGATCGGCGATCGGCTCGACGCGAACGGCGCAGTATTTGTACTCCGGCGTTTTCGTAATCGGGCTT  ${\tt AAGTTTTCGGTAACCAGCTCGTTACAGGCACCAATCCACCACTGGTAGGTCATGTAAATCGCCCCTTTGTTCGGACGATCAAGTTCTTCGGACGATCAAGTTCAAGTTCAAATCGCCCCTTTGTTCGGACGATCAAGTTCAAGTTCAAGTTCAAATCGCCCCTTTGTTCGGACGATCAAGTTCAAGTTCAAGTTCAAAATCGCCCCTTTGTTCGGACGATCAAGTTCAAGTTCAAAATCGCCCCTTTGTTCGGACGATCAAGTTCAAGTTCAAGTTCAAAATCGCCCCTTTGTTCGGACGATCAAGTTCAAGTTCAAGTTCAAAATCGCCCCTTTGTTCGGACGATCAAGTTCAA$ GCTGACCTGCGCACGGTGATAATTTTGCCTTTACGCGAGTGCACCCAAACCAATGCCTCATCTTCAATACCCAGACGTT  ${\tt CCAGTCGCAGGTGAAGAACTGCGCCAGACCGTTCGGGGTATCAAACTTCTCTTTAAACAGATAAGAAGTCCCCTGATCGG}$  $\tt CACAGATGACGCAACTCATCCCAGATCTCCTGGGTGTTGTTGTAGTGCATCGGATAACCCATACGGGTGGCGATTTCACT$ GATGATTTGCCAGTCCGTTTTCAGATCCCATTTCGGTTCAACCGCCTTGAAGAAACGCTGGAAGCCACGGTCAGCCGCAG TAAACACGCCTTCATGCTCGCCCCACGACGTTGACGGTAAAATAACATCCGCCGCCGACGCGGTTTTGGTCATAAAGATG TCCTGAACGATAACCAGTTCCAGATCTTCAAAGGCTTTACGTACTGCCGACAGCTCCGCGTCAGTTTGTAGCGGATCTTC GCCCATAATGTACGCGGCACGCACTTCGCCATGCGCTGCGCGGTGCGGCAGCTCGCTGATGCGATAGCCGGTATGCGCTG GCAGGCTTTCCACGCCCCAGGCTTTGGCGAATTTCTCGCGGTTAGCCGGATCTTTCACGTACTGGTATCCCGGATACGTA GAGGTTACCGGTCAGCATCGCGAGGCTGGTCAGAGAACGCACGGTTTCCACGCCCTGGTAGAACTGGGTTACACCCATGC  $\tt CCCACAGGATGGCGGCGTTTTCGCCTGGGCATACATCCGTGCCGCCTGACGAATCTCACTGGCGCTGACGCCGGTGATACATCGGCGCTGACGCGCTGACGCGCTGACGAATCTCACTGGCGCTGACGCGCTGATACATCGGCGCTGACGCGCTGACGAATCTCACTGGCGCTGACGCGCTGATACATCGGCGCTGACGAATCTCACTGGCGCTGACGCGCTGATACATCGGCGCTGACGCGCTGACGAATCTCACTGGCGCTGACGCGCTGACGAATCTCACTGGCGCTGACGCTGACGAATCTCACTGGCGCTGACGCTGACGAATCTCACTGGCGCTGACGCTGACGAATCTCACTGGCGCTGACGCTGACGAATCTCACTGGCGCTGACGCTGACGCTGACGAATCTCACTGGCGCTGACGCTGACGAATCTCACTGGCGCTGACGCCGGTGATAATACATCACTGACGCAATCTCACTGGCGCTGACGAATCTCACTGGCGCTGACGAATCTCACTGGCGCTGACGACGCCGGTGATAATACATCACTGACGAATCTCACTGGCGCTGACGAATCTCACTGGCGCTGACGAATCTCACTGGCGCTGACGAATCTCACTGGCGCTGACGAATCTCACTGGCGCTGACGAATCTCACTGGCGCTGACGAATCTCACTGGCGCTGACGACGCCGGTGATAATACATCACTGACGAATCTCACTGGCGCTGACGAATACATCACTGACGAATCTCACTGACGAATCTCACTGACGAATCTCACTGACGAATCTCACTGACGAATCTCACTGACGAATACATCACTGACGAATCTCACTGACGAATCTCACTGACAATCACTACAATACAATCACTACAATACAATCACAATCAATACAATCAATACAATCAATACAATCAATACAATCAATACAATCAATACAATACAATACAATCAATAC$ TCTTCAACCGACTCCGGCGTGTAGCCTTCAACGATTTTACGATACTCTTCAAAGCCTTCTGTACGTGAAGCGACGAACGC TTTGTCGTACAGATTTTCTTCAATAATGACATGGCCCATCGCATTCAACAGCGCGGATGTTCGAGCCGTTTTTCAGTGCAA TGTGCATGTCAGCAATGCGCGCGGTTTCAATTTTGCGCGGGATCGCAGACGATAATTTTCGCCCCGTTACGTTTAGCGTTA ATTACGTGATTCGCCACGATTGGGTGGGAATCCGCCGGGTTGTACCCGAAAACGAACACTAAATCGGTATTATCAATTTC GTTAATAGCATTGCTCATTGCGCCATTACCGACCGATTGGTGCAGACCTGCAACCGATGGGCCGTGTCAGACACGACGCGC AGCAGTCAACGTTATTGGTACCAATAACGGCGCGCGCAAATTTTTTGCATTACATAGTTGGTTTCGTTACCCGTACCACGC GAGGAGCCGGTCGTCTGGATGGCATCCGGACCGTACTTCTCTTTGATGGCGCTCAGGCGCTCGGCAACGTAATTCAGTGC GCCCGGACGATTTTGCCGTTATCGACGACCAGGTTGATTTTGCAACCTGATGCGCAATAGGGGCAAACCGTGACGACTTT TTTCATCGGTCTCGCTCCAGTTAATCAAATCACGCATACGCGCTCTCGACTACAGTATGCATCTTTTATGCCACATTTTA TGTGGGGTCATTCCCTGATATTACGGGCACTATTTATTCAAAACTCTGACGAAAAACAGGCTGTCGTCAGTTTTGACGTG ATTCAACCGTCCACCGTCAAACAGCGGCAATTTCAGACCCGGGATGAAGTTGAACTGGCGACTGGTTTTTTTGAATAAGG TATGCAGATGGATGGAGTCCAGACCGAAAAACGCTTTGATATCAAAGCTCGGATAGAACAACGCCCGCGCGGAAATCCACC TGATCTAATGACGCCTGAACATACCAGCGCATGGCTTGCAGATCCGGGCGTCTGGCCGAGCAACTCATAAGAGAGTGTCGC GCAGAGATTCTCGCGTTTCGGTGATTTGCCCTTTGACGGCAACAATTTGTTTATCGACCGCCAGAATCTGTGCCCGCGCG AGTTTGTTCTAACAGATCGAGCATCTGATAGCTGGCCTGCATACTGTAATAAAGCTGCGCTACGCCCGTGGCCAGCGATA GCTCTACTGCTGCGGTTTCTGCCAGCGCGGCATTATGCGCGCCCAATGGCGGCGCAACCGCTGAGCGATGCACACCCCAC AAATCAAGATCCAGTCCGGCAAACAACCTACTGTGGCTTCCGTATAGTACGGCCCGTCCATACCCAGTGCTGGCGCATC CATTGAATAAGGGCTTAAAAAGCCGTTCGCCGAGACACGTTGGCGGTTGAGCATCCCTAACGCTGCGACCTGTAATTGTG  ${\tt AACCGGCATCTAACAAATCGGCCTGGGACTGCGCTTTTTCTTCCCGCAGTTTCGCTTCGGCGAGGGTGTGTGAACCACTT}$ AGCGTCCGTTGGATCAGCGCATCCAGCTGCGGGTCATTGAGTTGTTTCCACCACTGCGCCTGCGGCCAGCCGGAGCTGGC AAGATGAATATCGTCGGCCAGTTTGATTTGTTCCGGTTTGAGCTGTTGATGAGGTGCAGAATCCTTACGTACCAGGGCAC AGCCGGAAATCAGCGTCGTGCTGCCGAGAATGCTGCACAACAGCAGACGTGAAAGTTGACGATTGATCATTGCGTGGCTC TCCTGTTTTAATAAGGTGGGCAGGATGGCCTGAGAGGCGGGTGTCTCTTCAAGCGTTATTTGAGGAGAACGGCTGAGTGC GGTTGCCAGACCGGCAGCGTATTTCTCCAGGGCGTCGGCAAACTGACCTGCTCTGTCCGGCTGTAGTGCGTTATCCAGCG AGTAATGCGCGTTCTTCGCTGTCCAGTTGACGCTCCAGCGCCACGCGTTGGCACATCTCTTCACAGGCATTAAACGCCGC ATGCAGACCGATACGAATTTGCAGATAAGTGCGCAGAGCCGTGACTTCCTGCTGGCGTGGGATCCGCATTACTTTACTTA ACATACCCAGCGTGCCAGCCAGTTTTTGCGGCAGTGTGCGCGCTTCACTTTCAGGCCAGACAAAGGTGTAAATCACCGCG GACACCACGGTACCAATGATGATACCCAGGGCGCGATCGCGAATTTCCACCAGGTCGTACACTGGGCCAAAAACGTTTTC GAGCGTGGCGAGCGCGAAGGTGACCACCATCTGTGTGCCGATATAAGAAGAGCGTTCAGAGCTGGTGGCAATCCATGCGC AGCGCCAGAATCGCGCCGCAAAAGGCCCCGCCAAAACGCAGCACCATCTTCTGGTACGACGAACCGACATTTGGGTTAGC
GACGATCACGCATGTCAGCATACAGGTGTGAATGCCTTCCCAGTCCACGCCGCTGTAAAAGGTGTAACAGATCAAACAGG GGCGTTGGCGGCGTATTCGGGTCCATCTGACCCAGTTGTAACAACGTCTGGCAGATATTCTCCAGGTTACATTCCCGTGC TTTCTGAAGCTAATTTTTGTCGGAATTCAATAATTGCCTGAGAATCAGCAAAAGAGGTGGGATCGTAGCGATTCAGCGTC GAGTAAATGTAGGTTACCGTTGCCACGCAGCTTTGCCACCATGCGTTTTGAGTTCGCCAGTTGGCATCGTCCGCGAGGCA GACTAATGGCATCATCAAGCCGATCATTAAGCGCCTGATGCATTTGCGAAATGGCACGACTGGGAAACCACAGCACGCCG ATTAACGTCATCAGCAAGGTTGGATAGAGGCCAACAACGATACACCACAGCGTTAAGCGCACGACCACTTCCGGATAGTC GAGCATGGCGGGGAAGGTTTGCCCGTAAATAGCGACAATGGCGACGGCGAAAAAAGACCAGCCCCAAGCGATGGGTGCGCA TCAAAAACATGCAGCCCATCAGGATCGGTCCGGCGATGATCAATCGGATCAACGGTTCGCCGTATGACCATTTGTAGATC AATACCGTAAAACAGCACTGCCAGCGATAACGCCACAAAAGGGATCTCAAAGGTCATCGAGATCAGAATCACCAGCAGGC AACATTTCCGGGTCAGGTTTATCGACCATGATTTTGACCGGAAAACGCTGGGCAACGCGGACCCAGTTAATAGAACGAGA TTGGCGATCACATACCAGTGACGAGTGTCGATTAGGGTAAAAATAGGGCGCATGGCAGAAGCAAATTGCCCGACGGAGGT  ${\tt TTTGAGGGAAATGACCCGGCCATCAAACGGCGCGCGAACGGTCGCCATTTCCAGATGCAGTTTGGTCAGGGCAATATCCG}$ GCATTAAGATCCGCTTCTGCGCGCGCTGCGCCGTTCTTGCACGGTCAACATCTTCCGCTGAGACAAAACCTTCTTTCAG TAATGGCTCGGTGCGCGTAATGTATCTGTGGCCTGTTTCGCGGCGGCACGGGCTTTTTCTACCGTGGCATTAACCGAGT TTCGCCAGATTGGCTTCGTACGGGCGCGGGTCGATGCGGAACAGCAAATCGCCCTGTTTGACTGCCTGGTTGTCGGTGAC  ${\tt CGCCAGTTCTACAATGCGGCCGCTGACTTCCGGTACCACATCAATGGTATCTGCTGACGCGTAAGCGTCATTAGTTGATG}$ GCGCACTGTCTACGCGCCAGATAACGAAAACAAGGGCAACCAGCGCCAACGCACTAACAGAGCAGGGAATTTACTG GAGAGCAAAAAGGGCCGTATAAATAATTCCGACAAATGCCAGATTGATATTTGCCCGCTGAATAACTCGCCTCGTGATGA GCGTCAAAATAAGGCTGGCAATGGCGCAGAAAAACCAGCTGGGATAATAAGCGCCCGATCACCGGGATTGCCGGAGATAAT CATATTAAATACATCCTGTCTGCGAACAATATCTGTAGTGAATATCAATATCCATTGAAGGCGTCAGTATGGCTATT TTTTAAAATAAATACTTTTGGGGGCTTCAGCGCCCCCAAAAGCGAGTGACATTAATTTGGGGTTACGATATTCACCCACA AATCGAAATTATCCAGACAGGCGATAATTTCTTCCAGTTTCGCGCCCATTGCCAATAATTTTTGGCTTTCTCGCTTTTACC AGATCCGCCATTTTGGCTTGTCCGGTCAGCACGCCTGCAGATCTTCACGGCTGATGTAGAAAGAGGCGTCGGCTTGCGG TTGCAGCGTTTTCCGGTAGTTAAGCACGCTATCGTTCAGCGTCAGGTTGAGGTTATCGCCGTTGCTCATATTGAAGTTCA GAAACCGCGCCATGTGGCGGACTCGGCCTGATAGCCCAGCTGTTCAAAGTTATTCGCTTGCAGATTCTTCGCGACCTGGT AGGTTGATGACACGGCCAGAACCGCCCAGCGCCTGCACGTAACGTTTACCCATCTCCACCTGACCATACGGATGCAGGTT AGCCGGGTTACCGTCGTAATAGCCAAGATAGAAGTTATACACCGCGGGGGGTTGTGGCTGACAGAACCGTAATAGCCGC GACCGGCCAGGTGTGCGGCATAAACAGCACTTCCGCGTCGTTACCCCACATATCCAGCGTTTCGTTCAGATACTCGGTCC GCCGTCGATAATCATCTTCTCGCCAGTTCTGACGATAGTTTTCGTCGGTGCAATAATGCTCGGGTCGCCCGTTGCCAGCG ATGATGTTACCCGCCAGCACGTTTTCGCTGATGGCTTCGTCCATAAAGCCTGCAGGGGCAATCACCTGAACTTTGCCGGA TTTAACATCGGCTTCAGAGATAATGCCTTTCACGCCACCATAGTGGTCGGTGTGGCTGTGAGTGTAGATAACGGCAACAA  ${\tt TCGGTTTTTGCGGACGATGCTGGAAGTAAAGGTCAAGTGCGGCTTTTGCGGCAGGCGGCGTCACCAGCGGGTCGATAACA}$ ATAATGCCTTTCTCGCCCTCAACGAACGTAATGTTAGAGATATCCTGGCCGCGCACCTGATACATTTTATCGGTGACTTT GAACAGGCCAGAAATACCGTTGATTTGCGACTGACGCCACAGGCTGGGGTTTACGGTTTCCGGCGCTGCGGCATTAATAT CAAATTTGTAATCGTCCGCGCGCTAGTAAACTTTACCGTTCGCATCACGCAGAATACCTTCATCCAGCAGCGGGGCGATA ATATTGAGTGGCGGCTTTCGCTTTCGCGTTAGCGGTATTTACCATCATGCCGCTGGCGGCAGTTAACGCAATAA CAATCCTGCTCAAACGGAATAACCGAGAGTTATTCATATAAATCTCCATTTATCATTTATGTCGTAAATATGTAATCCAT GCAAAATACGTCATTTAAAGCTGGCGTTATCATAATTGGGAAATTGCGACTTTAATAAGTGGAAGTGTGAGCGGAACGCG  ${\tt CCATTTTATTAGGCATTTGTGCTGAAGAGGGAAAATTACAGTAAAACTATCATTGCAGAAAATAATATGAGTCGTTTTAT}$ GTGTTTATTATATATATTGTACCTGTCGTTGGCACAGCGGGACATTGCGCTACTGTGCCAACGTTTTACTCATGGGGCTT TAGCACAGAACTGTGGCAAAAAACGTTGATGCGCCAATATTGCTGCACCCTGAGCGCCATTAAAGTCAGAAGATGAGGCG GCAATAAAGCGCACGACCTGATGCGGCAGTGGACGCGCAGGTACTTTTGGGTCATGGCAACGAGAGTCTCGCGTGGGAA GGCGGCCATATCCATCACGCCACCGCCCAGGATCACCGCATCGGGATCGAACAGATTAATGCTGGTGGCAATGGCCCGTG  $\tt CCGCGTTTTCAAGCAGACTCTGGACGAAAGGGGCGTTTTCCGCATGGACGAAAAGATCGCGCAATGGGTAATTTCGGGGC$ TGTTGTTCGTACCAGCGTCTTAGCGCCATTCCAGAGCAATTGGTTTCCAGGCACCCAGGATTGCCACACGCGCAGTGTTG GGTCATATCTCCCAGGGGGATATGACCCAGTTCGCCTGCCACACCGTGTGCACCCGTCCACGGCGCACCGTTCATCCACA AGTTGCAGGTTAACGTCGCGGGAAAACTCAACCGGACAATTCAGCGTATTTTCGAGCTTATCGGCGAGATCATATAAATC GACCATGACAGCGAGCGTTAAAGCGCCTGAGTTGCTCGTCAATCATTTCGCCGATACCCGACACCAGGCCGGGAGCAATG  $\tt CATATCCACGCCCGCTACGACGTTATGCTGTTTTTGCATGAGGCTGTACCTCGCTTTTTGCAGCCAGAATCTGCGCGGTC$ ATAATTCTCCATGCTTCGTCGATATTTTCCGCATGATTAAACAGGCCGGAAGTGCCGACGATAAAGACATCCGCCCCTGC  $\tt CGCCATCAGTTTTTCGTAAGTTGCCTGGTTGCAGGAACCGTCCACCTCAATTTCGTACTCCAGACCTTCTCGTTCACGCC$ GTAATTTTATCGGCCTTATGGATATAGTATTTCATGGCCTCAACTGGCGTCTCCGGGTTAAGGATCAGCCCCACTTTCAT GTCATGACGGCGGATTTCATCAATCAGGCGGAACGCCTGGCCGTTGATGGTTTCCGGATGCAGAGTGATGAAATCTGCTC  $\tt CCGCACGCCCAGTTGAGCAATGTAATCCTGCGGCCGCTCACCATCAGATGACAGTCGAGCGGTTTAGTTGCCAGTTTT$ TTAACCTGACTTACGAAGAACGGTGAGAGTGTCAGATTGGGGACAAAGTGACCGTCCATGATATCGATGTGGAAGTAATC GGCATGGCTGTCGATAAATTCGATCTGTTCTTTAAATTTCAGCAGATCCATACACATTAACGAGGGGGGAGATTTTCATGT GGTTTGTACCTGCAAAATATTCAGACCGTTGTTGATGGTGCCGATGATCAACCCGCCAATCACCACAGAGAAAATGCGCC TCTGCGGCACCGAGTCGTGCAGTTGAGACGACGCCTGCCAGACCTGCACAAACACCGGAGATGATAAACACCACCAGGAT GTGGAATTCACGTCAATCCCGGAATAGAACGCCGAATTTTTGTTGCCGCCCAGTGCGTAGATGTTGCGCCCGAGCCGCA TACGCGTTGTCAGAAACCAAAGGATGAGCGCGACAATTAGTGAGAAGATAACGGGGACAGGTATCCCAATTACGCTGGCG GCAAAGAAGTTCACGAAGTCAAATGAGAAGCCGTATACCGAGTTGGCATCGGAGATCACCAGCGTGATCCCACGGAAAAT CGCCAACCAGTACACCGCCAATCATCGCTGCGAGAAACGGGTCAACACCTGCCAACATCAGTTTGGCGGTCACCATACCG GAAAGCGCCAGAATCGCGCCAACCGAGAGGTCGATACCAGCGACCAGGATAGCGAAAAACTCGCCCATGCCGATCAATAC  ${\tt CGTCACGGAGCTTTGAACAAAAATCTGGGTAATATTATTGGTGGTCAGAAAATATTCTGGTGACAGCGAACCAAAGATGG}$ AGTCGTCCTTCGCAGAACACGGCGATGCGGTCGCAGACGGTGATAATTTCAGGTAGTTCAGATGACACCATCAGGATGAC TTTTCCGTCGTCCGCCAGTTGGCGCATCACTTTGTAAATTTCGGCTTTCGCGCCAACGTCGATGCCGCGGGTAGGTTCAT  ${\tt CGAAAATAATCACTTCCGGGCAACAGCCACTTTGGAGATCAGGACTTTCTGCTGATTTCCCCCGGAGAGTTCGGTG}$ ATATTCTGGTTTACCGAATGACATTTCAGCGCCAGCAGTTCGCGTTGATTTTCAGCGGTACGTTGCTCGACTTCATG AAACAAGCCCATCGCGCCTTTATAGCCGCCGTCTTTCAGACTGCGGCTGATCGCCATGTTCTGAGCGATGGAAAAGTTGG GGAAAAAACCGTTATCCCGGCGCTTTCAGTGATGTAAGCCATCCCTTTTTTCACGGCATCCAGGGGTGAACGTGGAGAG ATATCTTTGCCATTAAGACGGATTTCTCCGCCAGCGCGTTTATCCACGCCAAACAGACAATTCATCAGTTCAGTACGTCC GGAACCGACCAGTCCGGCAAAGCCTAATATTTCTCCCCGGCAGACGCTAAATGAGATATCCCGGACCTTTTTTCTGTCAC GACTGGTGACGTTCCGCACCTCAAAAACCGTTTCGTGCGCAAGGTTGCTGACATTCTCCTTCATCGCGTTAAAACCGTTT TGCAGTTCGCGGCCTACCATCAGACGGACGATATCGTCATTTGACACATCGCTTACTATGCCGCTGCAAACGCTGCTGCC GTCTTTCATCACCGTATAGCGGTCGCAAATACGGCGAATTTCCGCCAACTTATGCGAGATATAGACGATGGCCGTACCCT ATCTAGATCAACTTTCAAGCCCACGCGTAATAACATCATGGCGGCGCGGACACGCATTTCTCGCCAGTCGATAATATTGA CGCCACAGATTTTTTTCGTCAGATGACGACCAATATATAAATTTTCCAGTACGGTTAATTCATCAATAACGCTGAGTTCC TGATAAATAATCCCGATACCGAGTTGTGCCGCTAATTTATGATCCAGCTTGTTATAGCTAATGTTATTAATGGTAATGGT GCCTTTGGTCGCCTCATGTATTCCGGATAAAACTTTCATTAGCGTGGATTTACCCGCGCCCATTTTCTCCTAGTAATGCAT GTATTTCACCAGGATAAACCGTTAAATTAACCGACTTTAATGCGTGAACCGGACCAAAGGACTTGCCGATCCCCGCCATC GATATATATGGCGTGGCCATAAATAACCTCTCTGCACGAAATATCGTATTATTGCCTGATGGCTACATTTATCAGGTCTA GGATTGAATCGACCAGTTTAAATTCCGGTGCTTTATCCAGCGGGATAACCTTGCCGGATTTCTCAGCGTCAACCATCAGC TTCAGACCCGTTGCGCCGATATCCGCCGGGTTCTGGGCAACCGTCGCGGTCATTTGTCCGGCTTCCACCATTTTGCGGGC TTCCGGAATGCCATCTGTACCGACGACCAGCACTTTTCCCGTTTTTCCGGCGTTTGCGACTGCCTGAGCAACACCCATTG  ${\tt ACGCGCTTCACCGGAGGCGTTACCGGCTTTACCCTCAATGATTGCGACCTTCACCACCTTCAGCGCCCCAATTTGTCAATAA}$ TGAACGACGCCCTTTCGCCCCGACAGCAACGTTATCGGTGGTGACAAAAGCTTCCACATTGCCGCCAGCTTTTTTCAGA TTATCCATGTCGATTTTTCATCGAGATTAACCAGATAAATGCCTTTTTTCCATGCGCGGGCGACAGGCATGACCAGATT CACTGAGGATAATGGAGCGAAGGCGATACCTTTGTAATTTTTATTACTGAGATCTTCAAATAACTGCAATTGAGATTGAA  ${\tt AATCGCCTTCTGAAGGAGGCAAAAATATCAACGCTGACGCCCAGTGTTTTTGCTTCATCTTCAATGCCTTTTTTTCATA}$  $\verb|TCTACCCAAAATGGGTTGGAGAGGGTTTTCAATACGACAGCATATTCGGCGGCAGCAAAAGCGCTGGTTGACAACATTAA|\\$  GCCCACGAGTGTGCCGCTGAAATATTTCAGATATTTATTCATAATAATGTTCTCACGGTAAGGGGACAGGTAACTCCGCG ATGGCGGAATTACCTTTTTCTTATTTCAGCGCGCCTGGTGAGAAGAATCAACAATTGCGCCGGTTTTTTTGCATATTAAT CATTACGACCTAATAACGGCGTTTCCGGGGCTGGTGAGCAAATAATAATAATCGGCCAGTTTCGCTATCGGTGAATGGTAG CTATGGGTTATACAAATAATCTTTGCCCCGTTCTTTTTTGCCAGTTCTACGGCCGCTTTTACATCACTGGTTCGCCCGGA  $\tt ATGGGTCACTACCAGCACACATCTCCTTCCTGTAACAACGAAGCGGACATCATGATGTGAGCATCAGGATAGGCCT$ GACAGCGTACGCCAATGCGCAAGAACTTGTGCTGTACATCAGCACAGATAGCATTTGATCCTCCGGCACCGTACAAATCC  ${\tt CGCTGTCTGGCCTGATAGAAAAAGCGGGCGGCACGGTGGATCTCATCAACGTTGACGATCGACTGACCTTCCATAATGGT}$ GCGTAAAGTGATGTTAAATACCTTATTCACCACATCCTGCGGCGCTTCATCAAAAGCCAACTCGGAAGGCAATACCTGTT  $\tt CTGACTGAGAAAAATAATCTTCCAGCGCACTGCGTAAGTTACGAAAGCCGCTAAACCCCAGCAGCTTTGATACCTTAACT$ GAAGCGCTGAATCAAACTCTGACTGGCTCATCACGTTCTCTTGTCCTTGAATTGAAGACGCCACTATATCACCACAGCAA TGGTGAGTGTCTTTAACGCTATTGCGCTGTCAGATGTAACTCTGTAAAACAGATCAGGAAGGCGTAATTCATCGATTTTG TGCATTTGGCTGTGATCATGTCGGTTTCATTTTAAAACATGAAATAGTGGCACATTTAGTTGAGCGTGGCGTTGAAGTGA TTGATAAAGGAACCTGGTCGTCAGAGCGTACTGATTATCCACATTACGCCAGTCAAGTCGCACTGGCTGTTGCTGGCGGA  $\tt
GAGGTTGATGGCGGGATTTTGATTTGTGGTACTGGCGTCGGTATTTCGATAGCGGCGAACAAGTTTGCCGGAATTCGCGCAACAAGTTTGCCGGAATTCGCGGAATTTCGAATTGAATTGGAATTG$ GGTCGTCTGTAGCGAACCTTATTCCGCGCAACTTTCGCGGCAGCATAACGACACCAACGTGCTGGCTTTTGGTTCACGAG GTGGAGGCGATTACGGCAATAGAGCAGCGGAGAAATTGAGATTCATCCACTACTTGCATGGATGAGTAATGATTAATGTG GATAGAGTTTCTTTTTGAGGTTGGCTAATGAAACGCTTTCCGCTATTTCTTTTATTCACCCTGCTCACGCTGTCCACCGT TCCGGCCCAGGCCGATATTATCGACGACACCATTGGCAATATTCAGCAGGCGATTAATGACGCTTATAACCCTGACCGTG GGCGAGACTATGAAGATTCGCGCGACGACGGCTGGCAGCGTGAAGTGAGCGACGATCGGCGCAGACAATATGACGACCGC TGAAGAGCGGAGAATGGAGTATGGGCGATGAGGTTGGGTATGGAGCAGGCATCGCCCCTCACCCCAATGGGGAG AGGGAGAAAACGAGCCCAATATTCAATATCGAGCACAATCGGTCCCCTCGCCCCTCTGGGGAGAGGGTTAGGGTGAGGGG GCCAGCGCGCACATTCCCTCTCATCACGCCACCCCAATCTCCCATCCAAACCCCACCTCAAACCCTGACGGTAGTGC GTTTTCCATCAGCCACGCATCAAACTGGTGGCTGATATGGGTCAGAATCACCCGTGGCGAGCGGATAACCTGATTCAGCG GGCTGATTATTGCGTAAAAATTTCAGCGTTTTTTCCGGCAAGCCTGCGGTGTCAGACAGCCACGCCACCCGGCTGTGTGC CGTTTCCAGCAGATAACCGAAGGTCAGTTTTGAGTGGTTGAGCGGCAGGGGCGTGACCTGTAACCCCTGCAAATCAAACA  $\tt CCACAAACGGTTCCACCGTGTGGCTGAAATCAAGCAGGCCCGGATGTTTAAACAGATCGTCGCAGCCCTGTTCATCCGGCCCGGATGTTTAAACAGATCGTCGCAGCCCTGTTCATCCGGCCCGGATGTTTAAACAGATCGTCGCAGCCCTGTTCATCCGGCCCGGATGTTTAAACAGATCGTCGCAGCCCTGTTCATCCGGCCCGGATGTTTAAACAGATCGTCGCAGCCCTGTTCATCCGGCCCGGATGTTTAAACAGATCGTCGCAGCCCTGTTCATCCGGCCCGGATGTTTAAACAGATCGTCGCAGCCCTGTTCATCCGGCCCGGATGTTTAAACAGATCGTCGCAGCCCTGTTCATCCGGCCCGGATGTTTAAACAGATCGTCGCAGCCCTGTTCATCCGGCCCGGATGTTTAAACAGATCGTCGCAGCCCTGTTCATCCGGCCCTGTTCATCCGGCCCTGTTCATCATCAGATCGTCGCAGCCCTGTTCATCAGATCGTCGCAGATCGTTCATCAGATCGTCGCAGATCGTTCATCAGATCAGATCAGATCAGATCGTCGCAGATCGTTCATCAG$ GGGCCGTAAACCGGGATCGCAACGCCCCAGCGCAGCGGAAACAGCCCCTGGACGTGATCCATATGATAATGCGT  ${\tt CGTTAAACTTCACTACGCCGCTGCACGGTTGGCGGCGATACTGCGGCGAGCGCCGCGCTCTGGCGCAGGCCGCACACTCG}$ AGCGGAAGTGGCTCTGCTCGTAGCCTTCGCGCAGATAGAAACGGTGCGCGTCGTGGCGCTTCACGTTGGTCGAAAGTTCG GTCATTTCGGCCCCGGCCTGGCGGGCTTCTTCTTCTGCCCACGCCAGTAACTTACTGCCGACGTTCAGACCGCCGCCCTG GCGTGGTGGTCAAACTCCGCCTGTTTTAGCTCACAAATCAGCGCGTAAACCGCGTCGGTGTCGTACTGCGTGGCCGGGCG  ACGCCGACGCCATAATACAGACCGTTAGCGTGCCAGCTTAAGGCCAACAGATTTTGCCCCGCGGGGTAAAAAACTCCTG  $\tt CTCGCTCAGGGCGATATGGTTTTCACTTCCGGCGCGTGGCATCGCGCGTGATGTAGCGATGCGCCACCAGTAACTGAGTTT$ GTTCCCGCAGCGGAGTTCCGCCAGCAGGCTGTCTTTCCCGGAGCCGGACGGCCCCATTAACCAAATCAGTTTTCCCATC ATCAGAACACCCTTTTACCCTGACGCCAGACGTGGTCGATATGAATATGATTGTCCTTGCGATGCGCCAGCACCAGGTCG GCGCGTTTGCCCTCGCCAATCACCCCGCGATCCTGGAGATTAAGCGCCTGCGCTGGATTTTTAGTCACCAGCTTCACCGC AAGAGAGGATATCCAGCAGGCCAAGCTGCGCCAGTTCACTGGCCGCCACGTTGCCGGAGTGCGAGCCGCCGCGCACAATA TTCGGCGCGCCCATCAGCACGTTCATGCCATGCTTGCGCGAGGCTTCCGCCGCTTCGAACGTGGTGGGAAATTCGGCGAT GGCACAGGGCGGCGATGGATTCGCGATTCGGCTGCGACCAGCGTGCGGCGAGCGCCAGTTGCTCTTCTTCGTACTGCTGC ATCTGCGCATCAGTGAGGGAGTATTTGCCCTGATAATATTCGCGATACTTCTCGCGGTTGGCGAACTGGCGCTGGCCCGG GCAGTTCGCAGCGCAGATGCAGACGGTGCTCGGCGCGGTTGACGCCGCGTTTCTGCGTCTCTTCGATGGCGTTGATCATC TTCTCCAGATTCTCCAGCCGATCGCCGCCGTCGCGCACGTCGCCAATTGCCACGGCATCCAGTACGGTGGTGATGCCGCT  $\tt CGCCACCATCAGCGCGTCGTGGCTCATCGCCGAGTGGGCAGGCCAGTCAACTTTCGGGCGCGGGGTGAAGAATTTAT$ TGGCTTTCGGCAAAGGCGCGGATTTCGCCGTTCTGCACCTCCAGCGAACCGCTTACCACCTCGTTTTCCAGCACCAGCTT GATGCCTACGATGGCTGCGCCACGGGTTTTGGCTTCGCGAATCAGTTCCACCACCGCGGCGCTGTTTTTTGGCGTCCAGCG  $\tt GCAGGCTTCACGCGGAACGCCGGTATCGAGCAGCGGCTGCATCACCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCGGGATGACGCCCACTTCCAGTGCTGAGATACGCCGCGGATGACGCCCACTTCCAGTGCTGAGATACGCCGCGATGACGCCCACTTCCAGTGCTGAGATACGCCGCGGATGACGCCCACTTCCAGTGCTGAGATACGCCGCGGATGACGCCCACTTCCAGTGCTGAGATACGCCGCGGATGACGCCCACTTCCAGTGCTGAGATACGCCGCGGATGACGCCCACTTCCAGTGCTGAGATACGCCGCGGATGACGCCCACTTCCAGTGCTGAGATACGCCGCGGATGACGCCCACTTCCAGTGCTGAGATACGCCGCGGATGACGCCCACTTCCAGTGCTGAGATACGCCGCCAACTTCACACTTCAACTTCACACTTCAA$ GCTGCCGGAATGGCCGTGGAGCACCACGCATTCGCCCGCGTTGACGGTGAGCGAGGCGATTGAGGACGGCAGGCGCA GATGCGACGCTGACGCGTCTTATCCGACCTACGGGGAGCGCATTTGTAGGCCGGATAAGGCGTTTACGCCGCATCCGGCA  $\tt CCCACTCTCCACCACTTGCCCCTGCTTCATCACCAGCAAACGGTCCGCCAGCAGGCGGCGACGCCTAAATCATGGGTGA$ GAATATCGCCGTAATGACGTGCCCCGGTCGCCATCAGCCGCTCGCCGATATTGCCGCCTGCCGACACCTGGCGGCGCAGG  ${\tt CCGTCGAGTGGATGCTGATGCACCCCCATTCGGTACGCAGCAGCGGCGGCGGTCGGCCTCGCTCATTGCATACAG}$ AGCCGGATTCCCCGACAATGCCCAGCACTTCCCCCGGCCATAAATCAAAAGAGACATCGCTAAAGCCTTTGCCCGGCGCG TAAAGGTGGGTCAGGTTATTGACCGAAAGTAACGGTTGATTCATTGGTTTTTTTGCCTCGCTCTGTTGGCGGCAATAATCG GTATCGGAGCAGACAACATGCGGTTTCCGGCGTCATCCAGCACCACTTCATCAAGATAGCTGTGGGTCGATCCGCAGAT GGCGCATGGCTCATCCCACTGCTGAACGGTGAACGGGTGATCGTCGAAATCGAGACTTTCCACGCGGGTAAACGGCGGCA GGGATCGGCGACGGGTCCATCACGTAGCGCCCATTTACCTTCACCGGATAGGCGTAGGTGGTGGCGATATGACCGAAGCG GCTCGATAAAGCGCAGCGGCTCGGGGATTGGCACCTGGAAGATAATTATCTGATCTTCGGTCAGCGGCGTTTCGGGGATG AATCGACACGGCGTTGGTGGTCATCCGCGCCCTGGTCAATCACCTTCAGCACGTCGCTTTCGCCAATCACGCTGGCGG GCCACCGCTTTTAAGATGGCGCGGCGGATCATGCGTTTGGTCTGCTCGAGGTAGGCAAAGTTGTAGCCGCTCAGATT  TGTGAGACAAAGCCTGCGGCTTCGACGTTGTCGGCATGTGCCAGCACGAACTCTTCATCCTGCGCCGGGCCTGTCGCGTG GCCCGTAGCCGCGCGTGAAGTGCGGCGGCTCACCCGGCGGTCGATAAAACCGTTAACCATTTCACACTCAGTCATCAGC AGTTCGCCGACGTTCACCGCAAATCCCAGCTCTTCCGGCACAATCGACACGTCGATATAGCCGCTGCGGATCTCGCCTGC  $\tt GCTGCAAACGGGAGGGGTGAGCAGGGGTAAACCGGCGGCGTGCGGGTGATGTCATCCGGCTGTGCGCCGCTATCCTCT$
TCAAACTTCGCCAGCCCCTGACGCGCCAGCAGGCTGAAAACGTGCGGCGACGGCTGCTGTTCGCTGTCGGCGGTGGTCAG AGCTTCGCCAACGTGGTGCGGTAGGCGCAGCAGCAAAATCGCTTCAACGTTATCGCCGCTGGCCTGTTTCAGCGCCAG AGGATCAGGTCGATGCCGAGCGGGAACGGATGCGGGCGCTCGGTGAGTTCGTGCAGAATGCACTCCGGCAGCTGCGGAGC GATCATTCGTTCTTCGGCAATACCCGCACCAGTAAGGCGCAACATGCGTCCGCCGCTCAGGCTGGCGACCTGTAAAATCA  ${\tt ACCGCGAAGGTCGCCTGTTCCGGCTGGCTGACCAGCGGCGCGTTGGTATGAAAACGCAGGCTCTGGTTGACGATATCGTT}$ ATTTAATGGGGTAGAAAGCCACACCGGCGTGTCGTTATCGGCCAGCGTCAGCAGCACGCTGGTGGTGGCGATATTCAGCG TGCTGGGCATCCTGCACGGGAAGCATAAAAGCGGTTTCCAGGGTCATGCGTTGTCTCCGCGAACCATCGTAAAGAAGTCG TGATAAGTTTTGAAAGTGGCGAGATTGCTGCATCAGCGCGTCAATCAGCGCGCAGCGTTCGGCGTGCTGTTTATCACGCC  $\tt CCTGCACCCAGCTGTAGCCGAGCGTGCCGTCAGTCAGGCGCACGGCGCGCGGGTCAGCGTGGCGTCGCCGGCAAAAAAA$ GCAGCGAGCCGCTGTCGAAGCGTTGCAGCGTCGGCCAGAGGGTGAGGTCCGCGAAGTAGTGGTCGATTAAACAGAGCGCG  ${\tt CCTGGGCGTTGAGCGGGTAATCGAACGGGCGCATCAGCACCAGCACGCCGACGCCCTGACGGCGCTGTACCCAGCCTTTT}$ ATAGTCGCCGCAGCGGTAGTGTTGACGAAGCTCCTGCTCAAGTTTTGCGGCTATCTCTTGATAGCGTGTTGGGTAGCTGG TCGGATGTGTAGACAAGTGCATAGATATCAATGCCTCGCTTATCAGATAAAGTGCTTACGCAACCGTTGAGAGAGGAAAT AGGGTGACGCCGATCCCGCCTGCGCCGACCATGCCGACGGTCGCCGAGCGGACGTTGGATTCGAAGCGATAGAGGGA GTAGGAGATCAGCAGTGGCATCACCTGTGGCAGCACGCCGTAGAGGATCTCTTCGAGCTTGTTGGCACCGGTGGCGCGAA TGCCTTCCACCGGGCCGGGCTCAATCGCTTCCACCGCTTCGGAAAGCAGCTTGGAGAGCACGCCGGTGGTGTGGATAAAC AGCGCCAGCACGCCAGCGCAGCGAACGGCCGAGGCCGACGCGACACGCATGCCGAAGACATTTCGTTA AAAGGGGATGGAGAACCACCGCCAGCGCGGTGCCCCAGACGGCGATTTGCAGCGTGACGGCCATTTCGGTGAGGTAAT GGGGCCATTTCCGCGCCCTGCCACGAGACGACCAACACGGCGAGTACAACGGCCCAGCTCAGAAGCGAGAACCAGCTGCG TCAACGCCTGCACATTGTCGGATGCGACGCCGGGGCGTCTTATCCGACCTACGATTTACTGCACCGCTTTACTCACCGAA  $\tt CTCATCGCGCTTAGCGCGTTGTTCAGGCGGTCCAGGTCATCCAGCTGCGCCTGAATCTCGGTGGTTTTTTGCCAGCTTGTC$  GGTCGCTGGAAGCGCGGAATGGCGCCCAGCCCAGGCGTTCCAGCACCGCTTTTTCTTCCGGCGTTTTTGCCGTAGTTCATA GAGATATTGTTTTTGGCGAAGACGTAGTAGCCGGGGACGAGGAAGCCAGAGGTGGAGTTAGGATCGCCATTGCCAAAGGT GAGATCTTTCCGCTTCGCCAGCAGATCGTTCAGGTTGTTGATCGGACTGTCTTTGTTGACGATCAACACGCTCCAGTAAC TAATGCCGAAATTCAACGCCTTTTCCTGCTCTTCGGCGTGCGCCGGGCTTAACAGGGTGCTGAGGCTGAACATGCTGGTG GCTGATGGGCAAAATGCACCATGCCAACGCGGGTCAGCGCCTGTAACGCGCGCTGTTTCTGCTCGCCGGTGAACCAGCTA AAACAGGTGCGCCAGAACGGCGTGCTGCCGAGCGCCCAATCAGCACGTTCTCCAGTACGCTCAGGCGGTTCACCAGGTT GAATTGTTGGAATATGTAGCCGGTATGGGCGCGCCTTTTGCGGATATCGCGGGCCAGGCGGCCTTCGCGCTGGACTGTGC GGCCCAGCAGCTCGATATGGCTACCGACAGATTTATCGCCGGTAATCAAACCGCTTAAGTGACGTAAAAGGGTGGATTTT  ${\tt CCGGAACCCGACGCCCAAGCAGCACCACTTTCACCGTGATGAATGTTCAGATCAACCGCATGCAGCGCCTGATGCTG}$ ATTGAAGGTTTTGGCGAGCTTCTCGACACGGATAATCGTTTGCATGATGCAGCCTCCCTAAAAAAGTGGCTCCATCGTGG GCGGGCCTCCCGGCGGTTATTGCGTTGGTTGTTTGTTTGACGACATTAATCATCCACGGTACGCCAAATTTATCGGTGAC TTTGCCAAAGCCATGCGCCCAGAAAGTTTCCTGCCAGGCCATTTCGATTTTTCCGTTAGCGGCAAGATTGTCAAACCAGC GTTTTCCTTCTTCGACCTGTTGCGAATCGAGCACCAGCGTAAAGCCGGAGTAGCTGGCTTTTCCTGACGGCATGGCATCG GATAATAGGCAATCGCGTCGGAACAGTTACCGGCAAAAGAGAGGTAGGGACTTAACGGCATGATGGTGACCTCAGTTAAG AGAAGCCAGTTAAGTGTAGTTCGAAATTTATACAGATGAGAGGCGGCCTGATAAGACGCGCGAGCGTCGCATCAGGCAGT  $\tt CAAGCGTCGCATCAGGCAGTCGGCACCATTGCCGGATGCGGCGTAAACGCCTTATCCGGCCTACGGAGGGTGCGGGAATT$ TGTAGGCCTGATAAGACGCGCAAGCGTCGCATCAGGCAGTCGGCACCGTTGCCGGATGCGGCGTAAACGCCTTATCCGGC GCGTAAACGCCTTATCCGGCCTACGGAGGGTGCGGGAATTTGTAGGCCTGATAAGACGCGCAAGCGTCGCATCAGGCAGT  $\tt CAAGCGTCGCATCAGGCATCTGGCACCGTTGCCGGATGCGGCGCGAGCGCCTTATCCGGCTTACCGATCACAATACAATCAATCAA$ AGTTCTTTTCACAAACTCAGATTTCAGTTTCATCGGACCAAAACCGTCGATTTTGCAATCGATGTTATGGTCGCCTTCA TGTGGTAATGACATGTGGATTTCCTCAAAAGTCAGCAGGGCAAAAAGCGCCAAAAAAACGGCAGATTGCCGAAAAAAGGCCGC AAAAGAAAATAATCTTTTTGCCTCTATTTATTATTTAAGATAATGTTAATGCTCTACTTGTTCTTTTTTAATTCACATG AGGAAGAATTTTCTATGTACACACAGACCCTGTATGAGTTAAGTCAGGAGGCTGAACGCCTGTTACAGCTTTCTCGCCAA  ${\tt CAGTTGCAGTTACTGGAAAAAATGCCTCTCTGTACCCGGAGACGCGCCACAACTGGCTTTACCCTGGAGTCAGCC}$ TAATATCGCCGAACGTCACGCGATGCTGAATAATGAGTTGCGTAAAATTTCCCGACTGGAAATGGTGCTTGCAATTGTCG GTACCATGAAAGCAGGGAAATCAACCACCATTAATGCCATTGTTGGTACGGAGGTTCTGCCTAATCGTAATCGCCCAATG TTGTTTAATTCAACAACTTACAACAGCGCCTGCGTGATTGCGATATTAAGCATCTGACCGATGTGCTGGAAATAGATAAAG ATATGCGTGCGCTTATGCAGCGGATCGAAAATGGCGTCGCTTTCGAAAAATATTATCTGGGTGCCCAGCCTATTTTTCAT TGTCTGAAAAGTTTGAATGATTTAGTGCGACTGGCGAAGGCGCTGGACGTCGATTTTCCTTTTTCTGCTTACGCCGCCAT TGAGCATATTCCCGTGATTGAAGTGGAGTTTGTCCATCTAGCGGGGCTGGAGAGTTATCCCGGTCAGTTGACGTTACTGG ATACCCCCGGGCCAAATGAAGCCGGGCAACCGCATCTGCAAAAAATGCTTAACCAGCAGCTGGCACGCGCCTCGGCGGTA GGTGCCGCTGTACGTGCTGATCAATAAGTTCGATCAACAGGATCGTAACAGTGACGACGCCGACCAGGTGCGGGCACTGA TTTCCGGGACGCTGATGAAAGGCTGTATTACGCCACAGCAGATATTTCCGGTGTCGTCGATGTGGGGCTACCTGGCGAAT GCGCATAAACTGTTGAATTACGCGCAGCAGGCGCGGGAATACCTGGATTTTCGTGCGCACGGGTTAAACGTCGCTTGTGA ACAATTGCGGCAAAATATCCACCAGATCGAAGAAAGTTTGCAGCTATTGCAACTCAATCAGGCGCAGGTGAGCGGCGAGA TTAAACATGAAATCGAGCTGGCCCTGACCTCCGCCAACCACTTTCTGCGTCAACAGCAAGATGCGCTGAAGGTGCAGTTA GCCGCCTTGTTTCAGGATGATTCGGAGCCGTTAAGCGAGATTCGTACCCGCTGTGAGACACTGTTACAGACGGCGCAGAA  $\tt CCATTGAGCAACAAGTCAAAATGGAATTGAGCGAGTCAGGGTTTCGTCCTGGGTTTCATTTTCCTGTTTTTCACGGCGTA$ GTTCCCCACTTCAACACTCGCCAGCTGTTCAGTGAAGTCATTTCGCGCCAGGAAGCAACGGACGAGCAGAGCACGCGTTT  ${\tt AGGCGTTGTGCGTGAGACTTTTTCGCGCTGGTTGAATCAGCCCGACTGGGGACGGGGAAATGAGAAATCACCGACAGAAA}$ GAGCAGGTCGATGAATCTGTTACGGCAGGCATGAATACTTTTTTCGCTGAGTTCGCTTCATGTTTGACGGAATTACAGAC GCGTTTACGCGAAAGTCTGGCTCTACCACAAAATGAATCGGTGGTCAGGCTGATGCAGCAGCAATTGCAGCAGACTG TGATGACTCACGGCTGGATTTACACCGACGCCCAGCTGTTACGCGATGATATTCAAACACTTTTCACGGCAGAACGATAT TGACCAAGACGTTACTTGACGGCCCCGGTCGCGTGCTGGAGTCGGTTTATCCCCGCTTTTTAGTGGATCTGGCGCAGGGT GATGATGCCCGCCTTCCACAAGCCCATCAGCAGCAGTTTCGTGAACGACTGATGCAGGAACTTCTTTCGCGTGTGCAGCT TCAGACATGGACGACGGCGCATGTTAAATGCGCCGCTTAGCCTGCGTCTGACATTGGTGGAAAAACTGGCGTCGATGC TGGATCCCGGTCATCTGGCACTGACGCAGATCGCGCAGCATCTGGCGCTGCTGCAAAAAATGGATCACCGCCAGCACTCT GTTGGCTGGGAAAGTGGACCACGGCAGATAAACAACCCGTTTGCTGGTCAGTGACCCAACGCTGGCAAACTGTCGCGCTG GGGATGCCACGACTCTGTTCAGCGCAGCGTCTGGCGGGGGCAATGCTCGAGGAAATCTTCTCTGTAAATTTTGGCGTAAAT AATCAGTTACATCAATGAGTCCTAAACGAAATCCATGTGTGAAGTTGATCACAAATTTAAACACTGGTAGGGTAAAAAGG TGTTACAGAGATTGCATCCTGCAATTCCCGCTCCCCTTTTGCGGCCGTCGCGCTGATTTTTCTGGCGTTTGCGGAAATGG GCCAACTCTGCGAGGAAAGCTATGCTGAAAAGGAAAAAAGTAAAACCGATTACCCTTCGTGATGTCACCATTATTGATGA  $\tt CGGTAAACTGCGTAAAGCCATTACCGCAGCATCACTGGGTAATGCAATGGAATGGTTCGATTTTGGTGTTTATGGTTTTG$ GTTCCCTTTCTGATTCGACCGCTTGGCGGACTCTTCTTTGGTATGTTGGGCGATAAATATGGTCGCCAGAAGATCCTCGC TATCACTATTGTGATTATGTCGATCAGTACGTTCTGTATTGGCTTAATACCGTCCTACGACACGATTGGTATTTGGGCAC  $\tt CTCTGCCGTTAGGGATTATCGGGCTTTACCTGCGCCATGCGCTGGAAGAGACTCCGGCGTTCCAGCAGCATGTCGATAAA$   $\tt CCTGTTGACATGTATTGGTCTGGTAATTGCCACCAACGTGACTTACTACATGTTGCTGACCTATATGCCGAGTTATTTGT$  ${\tt CGCATAACCTGCATTACTCCGAAGACCACGGGGTGCTGATTATTATCGCCATTATGATCGGTATGCTGTTTTGTCCAGCCG}$ GTGATGGGCTTGCTGAGTGACCGTTTTGGCCGTCCGTTTGTGCTACTTGGTAGTGTTGCCCTGTTTGTGTTGGCGAT  ${\tt CCCGGCGTTTATTCTGATTAACAGTAACGTCATCGGCCTGATTTTTGCCGGGTTACTGATGCTGGCGGTGATCCTTAACT}$ GCTTTACGGGCGTTATGGCTTCTACCTTGCCAGCGATGTTCCCGACGCATATCCGTTACAGCGCGCTGGCGGCGCATTT AATATTTCGGTGCTGGTTGCCGGTCTGACGCCAACGCTGGCGGCCTGGTCGAAAGCTCGCAGAATCTGATGATGCC TGCCTATTACCTGATGGTAGTGGCGGTGGTTGGTTTAATCACCGGCGTAACCATGAAAGAGACGGCAAATCGTCCGTTGA  ${\tt AAGGTGCGACACCGGCGCGTCAGATATACAGGAAGCGAAGGAAATTCTCGTCGAGCATTACGATAATATCGAGCAGAAA}$ ATCGATGATATTGACCACGAGATTGCCGATTTGCAGGCGAAACGTACCCGCCTGGTGCAGCAACATCCGCGAATTGATGA ATAAGCTGAAACGGATGGCCTGATGTGACGCTGTCTTATCAGGCCAATTGAACTCTTAAGGTTCACTTAATCTCTGACGC GCATACTCTCCTCCAGGTTAACGGAGGAGAGTGCAATGAAAAACCGTGTTTATGAAAGTTTAACTACCGTGTTCAGCGTG AGTCTCTTGCCGGTTTTGCAGGAAAAACTGCCCGTGATGCAACTGTGTAATGCGGCTGACAATACTTAACCCCAGACCAA TCCCGCCATAACGCTGTCCATACGTACAAACGCTTTACTCAACTCCCCGCATTTACTCTCATCAATACCTGGTCCTTCA TCTTCAACTGCCATGACCGCTCCGTCATCTTCTTGCAGCTTAATCATAATGTTGCTGCCTTGCGGGCTGTAACGATGGGC GTTTTCTACCAGGTTTCGCAATAACATCCGCAGCAGGGTTGCATCACCCTGAACGGTGATGTCGGCGGCGCTCTCTGGCA  $A {\tt TAGCAGGGTTTGCTGTCGTCGAGCATGGTACTGAGTTCGTCATACGAGGGGGAGAATGACATCTTCCAGCAGTTTT}$ ACATGTTGATAATTACCGGAAGAAAATGACTGTCCGGCACGCCCAGTTGCAGCAGCTGGGAGACGCTCTCCATCATCTG ATCAAGCCGTGCCACTAACGGTGCTACATCAATGTGATGCGTTTTCGCCAGCAGTTCCAGATGCAAACGCACCCCCGCCA GTGGCGTTCGCAGTTCGTGCGCGACGTCAGCGGTAAACAACCTTTCGTTATCCAGCGTGCTGGTCAGGCGACTGACCAGA TCGTTTAACGCCGAAACCACCGCTTCGATTTCGAGGGTGGCGCTGTGAATGGCAATGGCCGTTAAGTTGTCGGCGGTGCG  ${\tt
CGCTTCCAGCTCTTTTTGCAGCTCCGCCAGCGGGCGGTGATGCGGCGTACCGCCTGATAGCAGATAAATAGCGTCAGGC}$ TGACCATAAAGACGCCGGGGACAATCAGGCTGGCGACCGCCTCGCGGATCTCACGCATGATGTGGCGATCGTTGTTGCGA TTGTCGCGTAGCGCCTGCTCAAACAGCTGAATCTGCTCGGTACTTTCATGCCATAGCCAGAAGACGCTGATCAGCTCAAA CACCAACAAAATGGCCCCGATGTCAATATCAGCCGTTGGCGCAGCGATATTGGTCGGCGCAGAAAATGCATCAGATTCA ATTAGTTTTCCTCATTCGCGACCAGCATATAGCCAAAGCCGCGCACGGTGCGGATACGGGCTTTGCCCACTTTGTCGCGC AGATTGTGGATATGCACTTCCAGGGTGTTGGTCGAGGGTTCATTGTCCCAGTTATAGATGTCGTTGTAGAGAATTTCCCG  $\tt ATGCACCGGACTGCCTTTGAGCATTAACCGTGACAGCAGAGCATATTCTTTGGGCGTCAGAATCAACTCTTCACCGC$  $\tt CCATCCATACCTGACGGCGACCCATGTTCAGCGTCAGATTGCCAACAATCAGCTCACTTTCGCCCTGATTATTATGGCGT$ CGTAGCAGGGCGCGGATACGGGCATGTAACTCTTCCAGCGCAAAAGGCTTCACCAGATAGTCGTCGGCACCGACATCCAG  $\tt CGAGAAAATGCAGTCCATCTTCGTCGGGTAACCCTAAATCCAGTACCACCAGGCTGTAATGACCTGCCTCAAGGCTTTGT$ TCCGCCATCCGCGCGTTGTCACGCTATCGCACGCGTAGCCTTCGGTTTGCGCCGCCAGAATCAGTCCCTGCAATAACAG  $\tt CTTCGTCTCAACGCCAGTTAATCCCAATAGCGTGGAGAATAAATTGTCTTGTGAATAGTGTTTGCGCTTTTTT$ GCAGGCAGTTCTGGTCAACCTGATACCGTTTTTGATAATCCTCCGACAGCCACAGCAGCATCGGCACCTGTTTTTGGCTA TCCGGGGCGATGGCATAAGGCAGACCGTGCAGATAGATGCCATTTTCACCTAACGATTCACCGTGGTCAGAAAGATAAAC CAGGCTGGTGGTAAATTTATCCTGATGTTCTTTCAGCAGATTAATCGCTTTATCAACAATATAGTCGACGTAAACCAGCG TGTTGTCGTAAGTGTTCACCAGTTGCTCTTTGGTACAGGTCTGGATCTCATTGGTGTCGCAGGTTGGGGTAAATTTCCTG AACTGAGGCGGATAGCGGTTGTAATAGGTCGGACCGTGGCTGCCGATGGTGTGTAAGACAATCACGCCATCACCTTGCAG GTTATTGATGTACTCTTCAAGCCCGTGGAACAGCACTTCGTCATAGCATTCGCCGTTGATGCACTGATCAGGTAGATTCA GCGCGGTGACGTTCTGGTGAGGCACGCGGTCGCAGGCACCTTTACAGCCGCCATCGTTGTCATTCCACAGCACGTTGATG  $\tt CCCGCTCGCTGAATGATATCCAGCACGCCTTCCTGGTGCTGTTGCCAGCTCTTCTTTGTAGTGCTCACGCGGCATATCCGA$ GAACATGCACGGTACTGAAACTGCCGTTGCCGTGCCGCAAGATGCGGTATTAGGGAAATAGACCACGTTATCTTTCGCCA AAATTTTTACGTTTTTCGTTCTGCATTAACGGGTTGCGGTGCGCGTCTTCACCAATTCGCACCAGCGGCAGATTTGCCAG  $\tt TCGCTGATGGGAGTACCATGACCAGCTGGCAACAATGCTGTTAGAGGGGGCTTAAGGATTTCACCAGCTCTTTGTTATTGC$  GGAACAACGAGGCGTAGTCTTTATAAAACAGTGCGGCGACCAGCAAAATCAGTAGTACAGAAACCAGAATATTGGCTCCA GAATCCCAGCGTTAATAACATTTGCGGTGTCATCAGCGCATAACTTTCTGCCGGAGTGGTATCAATAATATTGGCAATCA GGTCGATTAAGCCATAAGAAAGAGCTTAGTGTCAGGACAATATTAATCACGCTGAAAGCGACGACCGCATCGACAAGAA AACCAGTACGTTATGCAGCGAATCCAGCGGCAGCGCCTGCAACACCTGTTTAAAAAAAGGCAATATTCAGGCAGATAGAGA TATAAAAAGCGGCCAACAATAGCCAGGCGAGTAAATTCAAAGAGGGTCTTTTTAGTAGGCGCTTCAACATCACGGTGTTT  ${\tt CCATCGAACAAAGTGCGCATATGCTCGCAAAGCAAAATTAAGCCAACCTTAAGTTCTTAAGGTTGGCTTTTATGTTTGCT}$ GGATTAAGGGGAATTAATCTTTGCTTATTGGTGCATCTAAGGGATACGGGTTTTTATGTAGCCGGTTGTAATTCAGCGCA TACATGGCGGTGATGACCATCAGGGTGACAAATGACCACATAACCTCTTTCGCTCCGGACCCCACCACGGCCCAGATGCA GTAGAGGAAGGCAATGGTAGTAACTGCCAGATATGCCGGGCGTGCTTTACCAAAGTGACCGTGTCCGAGCAGCAGTAACG  ${\tt CCGCACAGGTGTAAAGATATGGCACCAGTGTAAAGATGACCGAGACGGAAGAAACCAGACCGAACTCTTTGGTCGCGTTT}$ GGTGAAATGCTGCTGAGCTGGAAGATGGTCATCAAAATACCGACGATAATCAGCCCCGCCACTGGCGTACCCGCTTTATT TACACGGGCAAAAATCGGTGGGAACAGTCCGTCATCGGCAGCGGCTTTCGCCGTTTGACCCGCCAGCAACGTCCAGCCGC TCACCGAATGGCGAAGCAGAAACGCGCAGTGCGGCATTAGGGATCATCCCCATAATCGCGGTGGTAGAAAGTACATAGCA AACGGCGGCAATCAATACCCCACCAATGGTGGCGATAGGGACATTGCGTTTCGGGTTTTTCACCACACCTGCGGCAACGG AGGCACTTTCCACACCGATGAACGACCACAGCGTAACGTTAAGGGTACTTTGAATTGCACCGAAGGTGCCCAGGCCGCTG CGACGCAGGTGATGGTTAATACCAATGGATCTTTCAGAATCGGGAAGAAGTAACTTAAATATCCTACGCCAATGACCACC GGCGTAAGCGTAAGAACCACCAGGACTTGGGTCGAGGAACGACATTTTGGCGTATACCATCGAGAGCCCCAGTGCACCGA TAATCGTCACCAACCATCCATAAATGGCAATCCCGCCAGTAGAGGCCAGGTTTGCAGGTAACAGAAAAACACCTGACCCC ATAATATTCCCCGACACCATCAGGGTGACGGGGATTAAGCCCACTTTGTGAGCATCAGCATCCGAAGACATAATTAAACT TTATCGCTGATGCCGTTATTAATATAGCTCTTCGTTAAGGTTAAAAATCAGGCGACAGTGCGTTCTCTGTGCTGACTAAC ATAATGCAGCGCGTCATACCGTAGAAGTCTTTAAAGACAGAAATAAAGTACGACGTACTGTTGTAGCCGCAGGACTGTG ATACCTGAGAGATATTTTTACCGTCCATCATTAATTCATTTACGGCATAACGCATGCGGCAGGTGGTGATTATTTGGCTA TAACTGGTGTTTTCGCTTTTCAACTTTTTCTTTAACAGACTTGGGCTAAGACAACAACTGGCTACCATACTAAGATT  ${\tt CCAGTCTTTGTGAATATCGCTTTCAATAATTTGATAAACGCTGTCACTTACACAATTACGTAACATATACATCATTAATG}$ TCTGCGGGCATCATGCTGTTGTTGCGCGGCAACGCCGAAAGACGTCTGGCGTCAGGCATGGCAGGGTGAGTATGGGCGTAGC GCTACGTTGCCATACTGGTATTTGCGAGAGATCTTTATTCAGAAACCGGAGGTAATCTTTGATGATGTCGTGACTAATAT GAGCAACCAAAGTGTTGTTAAGAGAGGAGACGTCGATAATATTATTTTCACAATTTAATAACGCCATATGGTTAGCTTTA AGGCTAATAGGTTCTTTCCCATTCACCCTTATCCAGACATCTTTTTCAGTCAATAAAACAATACAAGGTTGGTCGCTGCA AATCCTCATACATGTACTCCTGAGTGCGAATAAAAGACCAGTTCTCGCTAAAGCAAAGCGATACCGGGAAATGGTTATAT AATTGTATGATGAATATAAACATGCATAAAAATAACGAGTTTTACTAATAGTACAAATTTTTATAGTAATTTCTCATGTA AGCAATTTTTATGAAAACGTTGCCATACTCAAAAGGCCTAAGGCCAGGCGGCGTAATGTTATTTAAACAATTACGCCTTC  ${\tt AGCGGAATAGTGGTTACGCTTTCACGCACATAACGTGGTAAATACCGTCAATAATTTCAGTCCCTTCAGTTTCGTGTTCAGTTCAGTTCAGTTTCAGTCCTTCAGTTTCAGTTCCAGTTCCAGTTCAGTTTCAGTCCTTCAGTTTCAGTCCTTCAGTTTCAGTTCAGTTCAGTTCAGTTTCAGTTTCAGTCCTTCAGTTTCAGTT$ ATACCAGTTCGACATTGTTGTCGACAATCGCGTTGTACGCTTCACGCGGGGTGACTTCCGCCACCGGCAGGCCGGAATAG GCTTCGTTCAACCGTGCGCCAGGGTTGTTTTCTTTCAGCCAGGCAAACATGGTGTCACCCAGATCGTGAATCCCCATGTT CGCGTAAGTGTCAGGATATTGTTCAACAAGTTCCGGCATCACCTGCGCCAGCGGTGTGTTGGCGTCATAGTGGCGTTTTGA AGGAGCAAAGGGTGTTAACCAGAGTTCCCCATTTCCCACGGGTTACGCCCATAGAGACAGGAACATAATTTGGAAGTCA $\tt GTGGTGCGGGTAGGTACAATGCCGTGGCGACCAAGCCAGGCAGTGACCAGCGCCGCCGGAACACCGGTTTCTTCCAGTTC$   $\tt CTCTTTATATAGCCGCCCATCGCCTGACGGAAATCAACCGCTTCGTCAATCACTTCCTGTGTCAGTGACAGGCCGCTGT$ GCCTGGTTGAAGCGGGAGAAGTTAATCGCCCCACGACCTTCACGTACATGAATATAAGAAGCCTGTGACAGCGCATTCAG CATAGATCGGGTTGAAACGTGCATAGCCGTACCAGGCTTCGTCAAAGTGCAGACGATCGGAGGTTTTTTCCAGCAGATCC TGCGCTTCTTTAGCGTTATAACACACGCCGTCATAGGTGCAGTTGGTCACCACGCAGTAAGACGGTTTTTGCCCGGCTTT GTCTTTGGTCAGCGGGCTTTCACTGATTTTCTTCTGCAAGGTTTCAGGTTGCATTTCCTGCGGATAGATTGGCCCGATAA TGCCGTAGCGGTTGCGGCTTGGCACCATATAGACCGGTTTCGCGCCTGTCAGCATCAAACCTTGTTCGATGGATTTATGG GACTACCGACCAGGAGCGATCGGCACCAAATACGCGTGCGGCATATTTTTCGCTTTCGCCAAATGCGCCAGTATGGTCAA GCAAAGAACCGAGGGAAGTTCGTTCGATGCCCATGTCGGTGCGGAACAGATTTTCACCATAGTAGTCATGGTAGAAACGT  $\tt CCGGCGGGTGTTTTGGTAAAACCAACGCCGCCCTGGTGGCCTGCCCAGGAATATTCATGGATGTCACTATATTT$  ${\tt CGATCGCCCAACAGGAAGACCGGCACGTTTTGTTGGCGCTCATGAAGCTTACCGATCAATTGTCTGACGTTTTGATGTTC}$ GTCCGGATGTTCCATTTGATAGCTGAACATCAGGCAGTCAATGGCTTCGTTTGAAGAGAGAATGGCAAAACCATCATCAA AGGAGGTGGATTTAATCACGGTAACATTTTGCTGGCTTAAAGCATCTGCCAGACGCTCAACGGCGTTACCGACCCAGGTG TCTTGATGGAGAAACTCGCTTTCAACAATTAATACTTTCATCATTGCTTACCCGGTTATGAAGGAATCTTCGTTGCGGGC AAGTATCTTCCGGCCTTTTCGGGCTGTAAAGCGCGTGAAAAACAACATTTTTGAAATATTTAGTTTTATAAACAATACG TTATGTGATTATTTTAAATTATTTTCACTGCTTATTATCGACGGCTAAACTATTTTTTTGGCTGATACTGATATCGTCTT TAGCCGGGAAACGTCTGGCGGCGCTGTTGGCTAAGTTTGCGGTATTGTTGCGGCGACATGCCGACATATTTTGCCGAACGT GCTGTAAAAACGACTACTTGAACGAAAGCCTGCCGTCAGGGCAATATCGAGAATACTTTTATCGGTATCGCTCAGTAACG TAGTTGGCGTTAAGTTTGACGTGCTCAGCCACATCGTTGATGGTCAGCGCCTGATCATAGTTTTCGGCAATAAAGCCCAG  ${\tt CCCAGCCAGAGAGGCTAAATCGCTTGAGCATCAGGCCAATTTCATCAATGGCGAGCTGGCGAATTTGCTCGTTCGGACTG}$ TTTAATTCCTGCTGCCAGCGGCGCACTTCAAACGGGCTAAGTTGCTGTGTGGCCAGTGATTTGATCACCATGCCGTGAGT GACGTGGTTAATCAGGTCTTTATCCAGCGGCCAGGAGAAACAGATGCATCGGCAGATTAAAAATCGCCATGCTCTGAC TTGTTGATCAGGTATTCCACATCGCCATCGAAAGGCACATTCACTTCGACCTGACCATGCCAGTGGCTGGTGGGCATGATGACTGCGAGTGGGAGCACGGTTTTCACCCTCTTCCCAGAGGGGCGAGGGGACTCTCCGAGTATCATGAGGCCGAAAACTC TGCTTTTCAGGTAATTTATTCCCATAAACTCAGATTTACTGCTGCTTCACGCAGGATCTGAGTTTATGGGAATGCTCAAC CACCCAAAATTACATTTATCGGCGCTGGTTCGACGATTTTCGTTAAAAATATTCTTGGTGATGTGTTCCATCGCGAGGCG ATTGCCGATACGTTGGGGCCGGCGGTATTATGCGCGCGCTACGTACCATTCCGCATCTGTGGCAAATTTGCGAGGACAT GACGGAAGTCTGCCCCGATGCCACCATGCTCAACTATGTTAACCCAATGGCGATGAATACCTGGGCGATGTATGCCCGCT  $\tt CTCGCTGCCAGAATATTGTGCGCTACGAAATGTTCAAAAAGCTGGGCTATTTCGTCACGGAATCGTCAGAACATTTTGCT$   ${\tt ACGCTGCGTCGAGCAGCTGGCGAACTGGCATAAAGAGCTTGGAGGAGTATAAAAAAGCCTCCCGGATTGATATTAAACCGT}$  $\tt CACGGGAATATGCCAGCACAATCATGAACGCTATCTGGACTGCCGAGCCGAGTGTGATTTACGGCAACGTCCGTAACGAT$ GGTTTGATTGATAACCTGCCACAAGGATGTTGCGTGGAAGTAGCCTGTCTGGTTGATGCTAATGGCATTCAGCCGACCAA AGTCGGTACGCTACCTTCGCATCTGGCCGCCCTGATGCAAACCAACATCAACGTACAGACGCTGCTGACCGAAGCTATTC TTACGGAAAATCGCGACCGTGTTTACCACGCCGCGATGATGGACCCGCATACTGCCGCCGTGCTGGGCATTGACGAAATA TATGCTCTTGTTGACGACCTGATTGCCGCCCACGGCGACTGCCCAGGCTGGTTGCACCGTTAAAACGCGACTAAACG GATACCCTATGAGCATTTCAATGACTACAAAACTCAGTTATGGATTTGGAGCGTTCGGGAAGGATTTTGCGATCGGCATT  $\tt CCTGGATCCTGATCGGTACGTTGGCAAACTCTGTAATCTTATTTCTCCTCTTTAGTGCGCATCTGTTTGAAGGTACTACT$ GTACTGATCGCCTTTTTTATTGTTTCAACCATCATCACTCTGCGCAATGTGCATGAAGTCTTTTCGTCAGACAATCAACC
GTCTGCTGAAGGAAGCCATCTGACACTTAAAGCCATCGTTGCGCTAATTTATAAAAACGATCAGCTTTCATGCCTCTTGG ATCATTATCCCGACGCATTTTATGGGCCGGAGCATCTATTCTTCCGGTGTTAAGCTGTGGTGTTCTCCTGTTAATGGCAT TAATGAGCTATCACAACGTCGTCCTCATTGTGATTGCGGGTATTTTGCTGAATGTGGGAACGGCGCTTTTCTGGGTATTA  ${\tt CAGGTCATGGTGGCAGATATCGTTGATTACGGTGAATATAAACTGCACGTACGCTGTGAAAGTATCGCTTACTCCGT}$ CGAATGTTGAACAGTCTACGCAAGCCCTATTAGGTATGCAGTTTATTATGATTGCTCTACCAACTCTGTTTTTCATGGTA ACGCTGATTCTCTACTTCCGTTTCTATCGCCTCAATGGTGACACGCTGCGCAGGATCCAGATCCATCTGCTGGATAAATA AGCTAACGAAAATGGCCTGATGCGATATGTTTATCAGGCCACGTCTTAATGTAATGCTTTGGATTTTGCAAATTTTGTAGA  $\tt CCGGATAAGGAATTCACGCCGCATCCGGCATCAACAAGCGCAAGTTGTTATCCGGTTATCAAGCCAAAGCGCCGTAGCT$ GGCGGCAATGAAAGCGAGCGAGGAATATCACCGTCGTTAATGCGCCAAGCAGCAGCAGAACATATCGGATTGCGTGTCC CACTGGTCGCCTGGGTGCCGAGAAAATCATCCGCTCCCTGACCCATTGCCAGCGCTGCCCACCACTCGATTAATTCATA  $\tt CATCGCGCTTATCGCCAGCGCACGCAGCAGACCAGGAACGCCACCATTTTACGTCCGCGCACGTACATCCCGCGAACGA$ GAATTTCTCGTGCCACCAGTGCAGGCCCCTGGAAAAAGTGCCCCAGCTTGTCATACGGATTACGACTCAACCCC AGCCATTCCTGCACCTCAAAACCAACGGGGACTTTCGCGTAGGTGTATTGTCCGCCGACCATCAGGATGATGGCGTGAAG GAAAATGAGCGTATAGAGCAGCGGCGTTAACGGATAACGTCTGGCGGTGGCAAGCAGTAGCTGCACGACAATAATCACCG GTGTCACTTCCATCAGCCAGGTGAGTTTGTCATGGGCCGAAATGCCGGTATAAATCAGGATTAACGTTAGCGTCAGTGCG  $\tt CTGGTGTTAAGAATTAACGGCTTGAGTGTGCGGGTCATGGTGAGTTCGCAAATCAGGGAAAATACTGACTATTCACCAGC$ TACTTAGTGCAGTTCGCGCACTGTTTGTTGACGATTTGCTGGAAGAAGTCGTTACCTTTGTCATCGACCAGGATAAACGC  $\tt CGGGAAATCTTCTACTTCGATTTTCCAGATAGCTTCCATACCCAGCTCCGGATAAGCGACGCACTCCAGATGCTTGATGC$ TCTGCTGCGCCAGTACCGCCGCCGACCGCCGATGCTACCGAGGTAGAAGCCGCCGTGTTTATGACACGCGTCGGTAACC TGCTGACTGCGGTTACCTTTCGCCAGCATGATCATGCTGCCGCCGTGGGATTGCAGCAGATCCACGTAGGAGTCCATACG  $\tt GCCTGCGGTGGTTGGGCCAAGTGAACCTGATGGATAACCGGCAGGGGTTTTCGCCGGACCCGCGTAGTAGATCGGGTGAT$ CTTTGATGTACTGCGGAAGTTCTTTACCGGCGTCAATCAGCTCTTTCAGCTTGGCGTGTGCAATATCTCGGCCCACGATA GTCAACTTTCACCGCTTCGCCTTCACCGGCCTGGCGCAGTTCTTGTGGAATGTACTGGCCTGGGTTGTGTTCCAGTTTTT GATGCGCCGTGACGTGGCAGACGGATAACGCGAATGTCGTGCGCGAAGTATTTACCGCCAAACTGCGCGCCAAGACCGAG 

GTTCATCGTAATAGTGAGCGCTTGCTAACTTGACGGTTTTCAGGTTTGCTTTCCGCAGACGTACCGCCAATCACAAACGCG ATATGGTACGGCGGCAGGTGCAGTACCGAGGGTACGCATTTTCTCGACGAGGAAGTTTTTCAGTTTGCCGGGAGTCAG  ${\tt CAGGGCTTTGGTTTCCTGGTAGAGATACGTTTTGTTGGCAGAGCCGCCGCCTTTCGCAACGCAAAGGAATTTGTACTCAT}$ TTCTGTGAATAGCGCAGGTTATCTTCGATATAGGTGTTATAGACGCCTTTCGACAGCGTTTCTTCATCACCGCCGCCGCT TTTCGGAGTTTCTTAAGAATTGCAGCGCCACGTACTTGTCGTTTTCGCTGGCTTCTGGATCGTGAAGAATAGCCGCAACC TGTTTCTGGTGTGCCGGGCGGAGCATAAAAGAAGCGTCGTGAAAGGCTTGCTGCGCCAGCAGGGTCAGGGCTTCTGGTTC  ${\tt CACTTTCAGGATGGTTTCGCCGTCGAAGTCGGCAACGCTAACGTAATCGGAAGTGAGTAGTATTCGGTATTGTCTT}$ AAAATGGCGTGCCGCGTAGTCACGGGCGGCACGCAAAGTGCATTTATAAGAACCCGTACATCGCGGCGAAGATCCAGCCG GCCGGAACGGTCAAACTGAATCGCTGCCAGATCGCTCGGATAAGTCGCCAGGATGTAATAACCGTAGCAAGCCGGTGCTG  ${\tt AAGCCACGATGTATGCCGGATCAACGCCGATCGCCAGCGGGACCGGAACAATCGCCGCCAGCCGCAGCCTGAGAGTTT}$ ACAAACTTGGAAACCAGCAGCAGAACAATGGCATAGGCCCACGGATACTCTTTCACCCATTTCACCCAGTACGCCCTGAAT GGAAGACTTCGTTTTTTGAGATAGACGCGGGATTGGTTTTGGTCAGGATAATAATCAGCGCCCCGGTCAGCAGCATAAAC ATCTGAATAACCAGTACCATCGACAGCGGTTTGCCGCCGAAGGATGGACGCAGGTCCGAATCAGCACCAAGAAGGGCGAC AACCAGCTGAAGATACCGATCGCCAGGATACCGATTAACGTCGATGGAATGGTGATTGCCAGCAGATCGAGGAACTCAAG GGCAGAATGGTGTAAACCACATGACCCGTACCGCAAAGAATGGTCAGTGTACAGGTCACAAACGGCGCGACAATTGAGAC ATATTTCGGGTTGCGGCGCAGCATCTCGGCAATTTGCAGCATGACATCAAGACCGCCCGAAGCTTGCAAGGTCGCCG ATGCCGCCACCGCAATGATAACCAGCATGACATCAACTGGTGGTTTACCTGGCTGAAGGTGGAAGACGAAGACCAGA ATGACCAGACCGATACCGCCTAATAAACCCAGCGCGATACCACCCTTTCTGGCACCATAAAACAGACATATCAGTATTAT GATAAGTTGGATAGTAAATAACATGTGTGAACCCTCGCGATAATCCTATTTAAATTTTTGCTGAATAGATCACAGTCACG TTCTGTTTTGTATGAACTGTTTTCAGAGCCTGACTAAATATCCGTTTGGTCGTTACCGGCTTTAGCAAATACCTCACAGT GAATATTGGCTGATTAAAGCAGCGGCAAATTTATGCACTGTGATAAGCGGCTTTTTCAGAGAGAAAGACTCTCTGGCGAT CTCAGGGCAGATGTCATTAGGTTTATAGATTAATCTGATCTACCCATTTGTGGGTAAAAATACACATAATGCGGGTGACA TAATAGTTAATTTAACTTTTGTTAGCGTTTTGAAATTAAAAACACCGTTCACCTGAAGAGATATTAATTTTTTAGCGATGAT GGAGGGATAATTATATTTGATCTGGCACAAGTTTTACTGATGAAGGATGTAACTTGTGCCAGGGGTATTTTTGCATTACGG TAATAATTATTACTTACAGATAACCAGCGATCCGTTATTGGCAATATTGTTTCAGTAGTGAGTAGTGTCTCCCTGAATA GTATTTACGGCAGGAAACACGCGAAATGTTAACCTCGTTGGCTAGCTCGTTGAAAATTCATAGTCCTGATGCGCGT  $\tt CTGCCGTGGATTAGCTGATCAAGCTCGGCCTGGTCATAATACTGATGTTTTTCCAGCGCCATTTTCTTTTGCCGCCAGCC$ GGTGAGCGCCTCTTCAAAGCGGGAAGCCTGGAAGGGTTTGATCAGGTAATCCACGACACCGTAATGCAGCGAATCTTTAA TGGTTGCCGCATCGGCTGCGGAGGAGATGACAATCACTTTTTGCAACGCGCGTTATGCAGGACAGGCAGTAAATCG TTTCTCCAGCGTCGAGGCTGTTCCACAGCATTGAAAGCCTGGGATTTGTGCTACGTATCGGCGATTCAGCTCCGCGACCA TTGCGTCGTCATCGATAATTAATACATTGATCATCTGTTCGACCTCTCCCCGTCCCAGGGTATCTGGACAAAAAATTGTG TGAAAATCCCGGGTTCCGACTGCCGCGATGCTGCCGCCGAGATTTTCTACCTGTTGTTTGACAAGTGCTAAACCGACG  ${\tt ATTAACTTCACAGTGCAGCCAGCCGTGACGGTAGTGCAATGTTACGCTAATTTCGCCTCCGGGTTCCGGCCCTAATGCCTATGCTATGCCTATGCCTATGCTATGCCTATGCTATGCCTATGCTATGCCTATGCTATGCTATGCCTATGCCTATGCTAT$   $\tt CTTTCACTGTTTAAAATCAGCGTATGGCCTAAATCGGTCGCGCGGGTTAATCTTGCTGATTAAAAAACCAGCGATAACCGG$ AGATTTGATCTTACCCAGCAGAGAGCCAATCTCTTCCTGATAGTTATTGGCTGTTTTTGAGAATGTAATCTTCCAACTGCT TATAACTCTTCAGATGCAATAATCCGAGAATCACATGCAATTTATTCATAAATTCGTGGGATCGTTCACGAAGTGCGTCA GCATAGTTGACCAGACCGTCGAGTCGCTCCATCAGTTTACGTACTTCAGTTTTGTCCCTGAAGGTTGAAATGGCACCGAT GATAACGCCATTACTGCGCACCGGAACGGTGTTGATCAGTAATAGCCGGTCTTTAATCGTAATCTCTTCGTCGCGGCGCG GGGTACCGTCGCGTAACACTTCCGAGACATCTACCACCTGTGACCATGAGTGGCTTAGCGTCGACAGTTTCTCATCGTCC TGCGACTTACGGTAATTCAGCAATTCTTGTGCGGCATCGTTGATCAGCGTGACCTCGCCGCGATCGTCCACGGCAACGAC GCCTTCTTTGATAGACTGCAACATGGCCTGGCGTTGCTCAAACAGCGTGGAGATTTCGTAGGGTTCCAGGCCGAAAAGGA TTTTTTCAGTACCTTAACCAGAATGCAGGTGCCAATCAGTCCGACCAGCATGCCAAATAATACCGACCAGATAATGCTC ATCGTAGATGGGGGTAAATACGCGTAAAGCCTGCGCCAGAAAACCGCGATTGATAGCGACATTTTCTTCGCCATTCAGCG GTAACGACAATAAACAGCAGATCGTTTGCGTTTGCGTACGGCTTCCGCGATGGCCTGGATGCCACTCTCCTGCGGTTTTTT TCATATCACTGATTTGCGAGAAGTAAATCAGATGCACCACAATAGCACCGAGAACAGTACCGCACTGACCATTAAGATC  ${\tt AATTTCTTAAGCATTATCTCTGATGAGGGGGTAATTCAAAGGGGAGTAAGAATGATTGGCTATATAGGGGAAGAGACTCT}$ GGCAACGGAAACTGCCAGTGCTGTATGAAGATTCCGGGGCTATGCTTATAGCGATAATCATACTGATGAGAGAGGGAAGG TCATGGATCAGGCGCTACTGGACGGGGGTTATCGCTGTTATACCGGCGAAAAGATCGATGTCTATTTCAACACTGCGATA TGTCAGCATTCTGGCAATTGCGTACGTGGCAACGGCAAGTTATTTAATCTCAAACGAAAGCCGTGGATCATGCCGGATGA TGCCGACCGGAGAGATTTAGCGATTATCGAACATACCGATGTCGATGAAAGCCTGAAAGGCCAAGGGATTGGTAAACAG TGATAAAACGCGGGAGTATGATGATATTCGCAGTTGATGGGAGAGTACAGAGTCACGATATTTTTCATTCTCCCGCGAT  $\tt CCTTTACTGAGCAAAAAAAGAATATCTCCTATATGAGAATCATCAATCGGGGTTAATAAGTTTTGCGTCCCCAGAGCGT$ TTAATATTGATAGGAGTCATATTATGGAAGGTAAAAACAAGTTCAATACTTATGTTGTTTCTTTTGATTATCCATCATCT TATTCCTCAGTGTTCTTAAGATTAAGATCATTGATGTATGATATGAATTTCTCCTCTATCGTGGCTGATGAATATGGGAT ACCACGACAATTGAATGAAAACTCCTTCGCAATAACGACATCGTTAGCCGCAAGTGAAATCGAAGATTTAATCAGGCTCA AATGCTTAGACTTACCGGATATTGATTTTGACCTCAACATTATGACAGTTGATGACTATTTCCGTCAGTTTTACAAGTAG CCAGGAAGGATAAGAACATAAAAAATGGCACTATTCTCTAAAATATTAATTTTTTATGTGATTGGTGAACATATC  ${\tt AAGCGTCTCTCCAAAACTGGATTTGCGGAACGATGAACGAAGCAGTCGCCTGACTGCTTCGTTCATTAAAGTGAAATTAAATTAAATTAAATTAAAATTAAATTAAAATT$ TATTTCTGTGGGCGCATCGCCGGGAAGAGAATAACGTCGCGAATAGTATGGCTGTTAGTAAACAGCATAATCATTCGGTC GATACCAATACCCAGACCAGCGGTTGGCGGCAGACCATATTCCAGCGCAGTCACGTAATCTTCGTCATAGAACATGGCTT TGACAATACGTCCCAACCCCCAGCTTTTCTCTACCGTAATACCGATAGATTCAGCTAATGCTTTAGCAGCATCAAAATTA TCCAGGTCGGCCATATCGGTTTCTGGACGATATTTTTTGATTGCTTCGCGCATGGTGAGTTTTTCAAACGGTTTGCCGAA GTTCAATCAAATCGTGGTAATCCGCCATACGCCATGTAGAGTTCCATCATTGTGAACTCAGGATTATGGCGAACAGAAATA  ${\tt CCTTCATTACGGAAGTTACGGTTGATTTCGAATACCCGTTCAAAACCGCCTACAACCAGACGTTTCAGATACAGCTCCGG}$ CGCGATACGCAGATACATATCTAAATCCAGAGCATTATGATGGGTAATAAACGGGCCGAGCAGATGCCCCACCTGGAATTA ACAACAACGTTTGACGGGATTTATCGTTAGCGATGAGGTCCAGATAACGTTGACGATAACGGACTTCCTGATCCTGCAG  ${\tt ACCATGGAATTTATCTGGTAAAGGACGTAGTGCTTTAGTCAGCAGGCGCAGCTCAGTACAGTGAATGGAAAGCTCACCCG}$ TTTGCGTCTTAAACAGCGTACCGCGGGCACCGATAATGTCACCCAGATCCCATTTTTTAAACTGATCGTTATAAACACCCT  $\mathsf{TCTGGCAGGCTATCTCTTGCAACGTACAGTTGAATACGGCCACCGACATCCTGCAACGTTACAAAGGAGGCTTTCCCCAT$ GATACGACGGGTCATCATTCGGCCAGCAACCGAGACTTCAATGTTTAAGGATTCCAGTTCCTGGTTATCCTTCGCATCAA AGTTTTTCGCGGCGATTTCTCAGTTCATCGTTAAAATCAATAGCCTCATTGGCTCCCCGTGTTTCTTGTTCAGACATTTT GGTTCCTCTAAATCCAGCTTTCAATTTAGCGTAGATAAAGAGACAGATCGGTACACTGTATTATCTGCCTCGACTATTAG ACTTATTAATCTCGATTTGTTAGTGTTATAAACTGAAAGTTAATTTATTCATAACCAATTGTTTTTACGACAGTTAATCG TTGCTCTCCTGTATCATATTCGTCGGCGTGCTAAACAGAAAACGGGTAGCAAAAGGCCAATACGACGATGATCGCGACACA AGCCAACGTCCACTCTCCCATCTGAGAAAAGAATCGCTGGTAAGCTGCAATTGCCATACCGCTAATTTGCGACTCTGTCG TCTGCTGTGCCACGACGCCTGCCAGCCAGTTGGCGACCGCGCTGTTGCCAGCATATAAATCCCGGTTAATACGCCAGAC ATTTTCAGACGCGTGATTTGCGCAATCGCCACCGGGTCAATAAAGAGTTCGGCAAAGCCCATTAGCGCCAGCCCGGATAT CATCACGCCCATTGACGCTTGACCGTCAGCCGCTGCATGTCGGGCATCAAATGCCAACAACATAAAGCCACAAGCCATCA ATTCACAAAGCGATCGATAAACAAGCTGATGGTACTGCCGCCCTGTTGTGCCAGTACCCAGAACAATGTCCCGACAAACA TCAACAATACAATTTGCCAAAGAGCACGGCGATGTTCGGGGAATTTGATCATCATGCGGGCAATGATTTGTGCGGCAATG AGGCAAACGATCGCCAGCAAATATCCGGACCAGTCGTTCTCCAGCAGCAGAGTAAAAAATACTGGGGCTAAACAGAGCAT AATGACGATGACCGCTTAAGAAAATCAACAAACCGATAAACATGCCGCCACCCGCAAGGGCAAAGCCAACATGCCATCCA TACCACTGAGCAGCCAGGCCGCAGGCGATTGGGGCTGCGATAGAACCGATATTGCCCGCAGCATACAGCAGCGAAAAACC GCCATCACGTCGATGATCGTTCTCGTCGTAGAGCTCGCCAAGCAACAGCTGATGTTTGAATTTGAATAAACCGTAGCCAC AAATAATGATTGCCAGCGCCAGATACAGGCTAAAGGTTGAATTTGTATCAATACCCAGCACCACATGGCCAAGGGTCATT AACCAGAGAAGCATATGCGCTGAACAGGCTGATGGCATGGTTATCATCAAAACCAAGCTGATGGGTGAGATAGAGAATGA GGTGTTTTCATGTGTTCTCCTTATGAGCAAAAAAGGGAAGTGGCAAGCCACTTCCCTTGTACGAGCTAATTATTTTTTGC TTTCTTCTATCAATACCTTAACGGTATAGCGGCCATCAGCCTGACGGTATGCACCGTGAATATCGGTTTCAAAGCCCGGA TAGTGAGCGCCGATTTCACACAGCATCTGCAGGAACTCCAGAACCGGACGGCTTTCTTCGGTGATCATTTCACCCGGCAT TACCAGAGGAACTCCCGGCGGGTACGGAAGGATCATATTGGCGTTAATACGACCTACCATTTCGTCGAGGTAAACTTCTT ATCAGATCCGGCAGATTGTGGTGAACAATCAGTTTGTGGATATTCTGAGCCAGTTCCTGAATACGCATGTTTTCATAGAA GAGCACGCAGCAGGCTCAGTGCTTTGGTCTTATCGATACCGATGCTGAACAGGAACAGCAGGTTATACGGACCGGTTTTC TCAACAACGATGCCATGTTCGTCGAGGTATTTCGCCACGATGCTGGCCGGAATACCAAAGTCGCTCATGGTGCCGTCTTT  $\tt TTCCATCCCGGAGTCAGCAGGTGACTTTGATCGGGTCAAGATACATGTGCTCGTTATCGATGTTTTTTGAAGCCGTGCCAGGTGCAGGTGAGGTGCAGGTGCAGGTGCAGGTGCAGGTGCAGGTGCAGGTGCAGGTGCAGGTGCAG$ GATTCCGTTCTCAGACGTTTGATCTCTTTACGGAATTTGATCGCACGTTCAATAGAACCGTTGATCAGACGCTTACCTGC  ${\tt ATTGCCTTTCATCGCCGCAGCGGTTTCAGTGGACGCCACGATACCGTAGTGCGGAGAAGTGGTGGTGCATCATGT}$ AGGCTTCGTTAAAGGTTTCTTCGTTTACCGTCACCTTTAACGTGGATCATGGAAGCCTGAGAGAACGCCGCCAGCAGTTTG TGAGTGGACTGGGTTTCGTAAATCACTTTCCCTTCTACACGGCCACCGCTCATACCGCATTTACCTTCGTAAATCGGTGA GAAGTTGGTGTAAGGCACCCACGCGGAGTCAAAGTGGATGTATTCACATCCAGTGTTTTCTTGATGAAGTCGGTGTTGT GCAATGGTAGCGTGCTGGAATTCACTCTGTGGGATACCACCAAGAATACCGTAAGCGTTACGGGTCGGGCGGAAATAGAT GAGCAGAGTACATACCAACAATTTTGTTCGCAGTGGAAGTACCGTTGGTCACCATGTAGCTGCGTCTGCGTTAAAGACG  $\tt CGAGCGATATACTGTTCTGCTTCTTTGTGTGGACCACTGTGATCCAGCAGAGAACCCAGTTCAGATACTGAAATGAATGAATGGAAATGGAAATGGAAATGGAAATGGAAATGGAAATGGAAATGGAAATGGAAATGGAATGAATGGAAATGGAAATGGAAATGGAAATGGAAATGGAAATGGAAATGAA$  TGTGACCAGGAGTACAGAAAGTATATTTACCTTCACGAACATATTTAAACAGTGCTTTAGTCAGCGGAGGCAGAATAGTG TTGATATATTCGTCAGTGGTCTGATCTTATTAGCAATATCTTCAGCAGCACCCAGCGCATATTCAAAGAAGCTAAT TTTTGCTAATTTCTTCGCACAGCTCGAGATTATATTTATCCCAGTCAAAAATAACGCCGCACAGACGCGCATTGTTTTCG ATCAGTTTTAATAAGTCGTCACGGTCGTTCGGGTAAACAATCTGGAAGTTCAGACGTTCAAGCGCGCGATGAAGTTCACG GATGGGTTCTTCTTTAAAATAAACCCCCATGTGATTCAATATTGCAATAACGTTCATAGTCATATCTCCAGGTAAAAAAG GTTATCCATTGAGTGGCTCTGGCGCTCGTGCATTTTGCGAGCGTAGAACATCAGGATAATCAGGCTGACGATGAAGGTAC AAGTTGCGGATGTTAACGCCTTCAAAACGAATCAGGTCAACGCAAGAGTAGAAATACGGCAGCATAGTCAGCAGTACTGC GATACCGGTCAGTTCACCGAACAGGTCAGATGCTTTACCACCGGCAGAGTTCATCAGAGTGATAAGGATCATCAGGGCAG TCATTTCACTGCAGCCAGCAGCAGCCTTTTTTCGGAATACCGTTGCTGTCGACTTCACCATAAACTTTCGGGAAGTTA GAATGCAGAAACCAGCGGCGCAGCCCAGTTACCGAGGATAGTTGAAGCACTGATTGCAAACGGAGCACCGGAAGCCGCCA TTACAGAAGACGGATACATACCGGAAAGCACCTGAGTCGCAGCGATGTAAACAATACCTGCTAAACCAGTACCCAGCATG CATCAAACCAATGCCAGCCAACAATAGCAGTCATCACCACAGGAATAAGAACCAGCACCAGACCAATAGTGGTTAAACGG  $\tt CTTACCCAAGTACCGCCGAGCATATTTACAAAGGTAAATACCCAGACGATAGCAATACAGGCGATACCCGCCGGAACAGG$ ATCATTTAATACTGGGAAGAGGTGGAAAGATAAGATACGCGGTAATACCAATCGCCAGGTTACCAATCCAGTTAGCAT GGTAATAAAGAACACCTGTCTGAAAACCAAATGCAGGGGAAATTTCTCCGGCATAAGCAATTGGGCCACCTTGTTGCGGG TTTTTTGTTGCCAGTCGGGCATATACATACGCCAGCGACATTGCACCAATAATAGAGATAATCCAACCCCAGATAGCAAT ACCACCGATACTTGCTAGGTTCGCAGGTAATAATGCAATACCGCTCCCCATCATATTACCGGCAACAACACCGGTACAGG TAACTATTTCCTGACCAGACCAAACTGGCGATAAGATTACTCACGAAAAAAGGATTAATCCTAAAGATTAGGTGAAATAA CACAAAAGTTTCTGTAAGTGAGAACTTGAGGTTTTTTTATTAACACATCAGGATCGCAAGTTGATATCATGAAAAGATAAA CAACATATTATACCAACAGGAACATACAAAAACTCAACAACAACATATTTCCGAGCATAAATCAACCCGGAGTTACTTATT  $\tt CTGAAGCAAGAAATTTGTCGAGATAAGGTACAACATAAGGAACAGACGTCTGGAATATACCATTTTCAATCCAGTAAAGG$ GTGTTTGCCCCTGGGCGTAAATTAAAGGCGGTGAGATATGCATCAGCTGCTTCCCGGTTCATCCCCTTCATTTCATAAAC  $\tt CTTGCCAAGCACATAATTTAGCCAGGACATTTCAAGATCAATGCCAGTATTTATCGCCTGGTAAGACTCATCTGTTT$  ${\tt TCTATTTCTGTGTTCAGTGCTGCTAATTGTTTTTCATCTAAAGGATGTTGAGAATGGCGCACGATATCAACTAATGCTTT$ TTCTGCTCTCGCGTAGGTAAATTCTGGGGATGATTGAACAATCTCACCTAATAATTCACTGGCACGGTTCAATGATTTAT CATCGCCATGCAGTAAATAATCATGTGCCTGATAAAAATTAGTTAATAACGCACCACGATGCGGCAAAATTTTCTGGAGC GTCTCCTGCATTCGTTGTGGCCACGGTTGGTTTAACGCTTTTGATAAACTCTCCAGTAAATCATTTTGAATCGCCAGCTG ATTACCGTTAGTGACATAACGTTTATCCAGCATGGTTGAACCATCTGCATTGTCTACCAATTTTATCGACATAAAGC ATTGTTGAGCACGGTATTGGCGCTGATTAACAAACGCAATAGATAATGTTTTACCGGAACTGCTCGGTTCATCAATGTTG TAGTTGATTTTGTCATGCACCATAAAGGTGGAGAAGGTGTTAAGTGATGTCGCCACCACAAATCACCCACGCCTATCGCGTA TACGCGATTTGCTCATAGGAAGACGTGTATCAAGACTTGAAAACGCTACCAGTGCTACACAGATACCTAACGACAACAGG AAAAAAACCATACCCAAAAGGTAGTGAATCGTTTGCTTTTAACTGGGGATTGTTCAGGTGGCGTTGCGGTGTTTTGAAT GTTAAGACTGTGGGAGGAGAATCTGTGGCAGGAACCGCCTCTGGTATAGGGGGAGGCGAAGATAGCATTATTTCCTCTC TCTTCATCATTATCTTTTAATGACTTACGTAGTTCTGAGATACTCTGCGTCACAACGTGATTGGTGACAATACTTCTCTT  ${\tt CCAGACATTATCGATAAGTTCATCCCTGCTAAGTACTTCGCCACTGTGTTGAGCAAAGAAAACCAGAAGATCGATTAATC}$ 

ACAGGTTGTTGCATAATAGAAACTCATTCGAAAAGGGAATGATGCAATGATAATTGCCACAACCTATTTTTACCATCTAT AGATGGGTTTATTTACATATTATTGGTGAATGCAAGACGTTATTTTTACCAGCCATAAACTTCTTGATTACATAGTATTA CGAAAGGATTTTACTGAGAACCAGAAGTAATATTCCTTACCATCAAAATTCATCATCTTTGCCAAAGAAAAATGTTCAGA AAATAATCCATGGAAAATTGTCCGGAGCACTTACTATTTTAATGGATTGTTAGTCTTTGCATGAGCAAGCGAACTGATAC ATTTCTCTTTGTTCTCATTCAGAAAATCTCATCAGCCGGTTCAGACCGGTGTTGTGCTTTATGGATGCGTTACGCTCC TGATGACGTCATTTGACGTTCAACAGCATCACGGGGCCGCACGACATTTCACGTCAGTTAGTGCTATAGCTCAGGAACAA ATTTTCCCGAATTGGGATATGCCCGCAAATTGCTGGTGATGTGGGGAGAATCTGGTTGAGTTCGGTAGAATTGATTTGGA GGCAGAACGCTTAAATCGTGGCGTCCTGAAACGAAAAACGGACCTCCGTGGAGGTCCGTTTATATGAATTTGGTGCCCGG ACTCGGAATCGAACCAAGGACACGGGGATTTTCAATCCCCTGCTCTACCGACTGAGCTATCCGGGCAACGGGGCGCATTA AACCGTAATCTGCACATCTCGTCAACCTAATTTCAGTAAAAGCGATTCAACTGCTTAAGATTGCGGCAAATCGCTTCTTT TCTGTGTTTCTGTCAGGTCAATGCACCACCCTGGCGGCAGCGGGCGAAGCGCAGGATATCTTCCGCCAGCCGATGTGCAG TGTCGACATCCGCCTGGCTACGATTCACCAGCATTCGGCTTAAACAGCCTTCCAGCACCAGTTCCATCTGCTTTGCTACC ATCGCCGGATCGTCAACTTCCAGTGTGGTTAACAGTTCGTGGGTGAAATCGTAGGCCGCGCTTTTTTGCTGATCGGCCAG TTGATGAATAGGGTGGCCAGGATCGGGATAAAACGTACAGGCAGCGATAAATAGACAGCCCGGATAGCGGTTGTTTTTAA GTCCAGTGGATAATCCACACGTTCAGCAACCATCTCCAGCGTGGTGTTTGGCAATCCCTTGTAATTCTAATAATTTCAGGG CTTCTCCCAGTACATCTTCACGTTGCACGCTATTTTCCTCCGTCTTTCCCACTGCAAGTGTCGTTCACGGTTGGCGATCG  ${\tt ACGCACCAGTCGGCATAAAGATCTAACATCACCGGTTTGCCTTTGGCTTCAACGAGCGCCTGATTTAACTCATCTACCGT}$ TTTGATTTGTGTAAAGTTGAGATGCGTCTGAGTTTGCGCGGGTATGCGTCGCACCAAATGCCCAATCCTGAAGTGGGCGCA CGCTAACCAATGCCGCTGCCAGCAGAATAATTTGCACAATACGCATCCAGCCGCGTTTAGCCTGTAGGCTGGTGATAAAG GCCCAGCCAAAGAATGCGACACCCAGCGCCGACCACAAGCGTAATCCCCATACATCACCAATCACTCGCTCCAGCAGGAA TACCAAAGACGGTAATTAGCATCAGCGGCAGGCCCATGCCCAACGCATAGAGATAAAGCGTGCCGCCGCCCAGCCACATG GGAGTTGCAGGGTAAACAAGCCAAACATTGACATCGCCAGCAAGGTAAAGACGATGGCCGAGGCCAATGAGCACGTATGGG TGCTGTAGCGCCGCCTGGAACTGTAACCCTGCGGCGCAACCACCAGACCCAGCGCCGTGTAGGTCAGCGCCATCCCCTG CACATAAATAAAGGTCAGCAACAATGCTCTGGCAGTGGAGAGCCGCTGTTTACCACCCAGCACGATGCCAGAAATCAGTG GGTACATTGGCAGCACGCATGGCGTAAAGGCGATACCAATACCGATCAACACGCCCAGAGCGCGGAAAAGGGCAATTGC TTTGGTTTCTGGCGGATAACAGAAACCGGCATCAGCACAGCCCTGGTAGGTGACAGTTAACGTCGCTCCCGCACTCGCCT GGTTGATGGTGACGGGAAGCGTCAGCCGATCGCGGTAAATCTCGCTTTTGCCGTAAAACTCATCTTCATGCCAGACGCCT TGCGGCAGCTGCACGTCGGCAATTTTCGCGTGTTTCCGGCGTAATGCGGATCTGTTTACGGTAGAGGTAGTAACCGTCTTT GATCTGCCAGGTCAGATTAAGGTCATGTTGGTTTTGCTGAAAATCAAAAGCAAAGGCTTGATCCGCGGGGACAAATTGTG AACGTCCCGGCGCGTCGAATAATCCGGCAAAAACGGAAGTGCTGCAAAGTAGCAGGATCAGCGTAAAGATGCGTTGAGCC ATGAGAGGTAATCTGTGTCTCCGTGTGTAACAGGTAAAACCAGAAGTTCCGGGGTTTGATATGGATGATGAGACTTCAGG  $\tt CATTCCAGCAGTGCCTGCTGGTGAGATACGGTAGTTTTTAAAATCATCTGCACTTCGTATTCTTGCTCCAGCTTACCTTC$  $\tt CCTGGGCTGTCGCTTCATCTGGTGCCGTACATAGCACCACGACAGACGCGGTATTCGAACTTTTTTCATCAAGCATAAAC$ AAGCGGGGCGTGAACGCCCCGCGATTGATCATTACAGCATGAAGCTACCCAGCACGAAGCCGAAGCAAACGGCCAGGGCA TACCGCAGCAACCAGCGTCGGGTAGGTCGGCAGAATGAACAGACCAGACACCGCAGCGAAAGAAGCAACAGCGGTCAGCG GTGAAACGTTCAGTGCCAGAGCCATCGGCATCAGTGCTTTTGCGGTTGCAGCCTGAGAGTACAGCAGAGCAGAAGCAAAG AAGAAGATGACGGCCAGCAGCCACGGATGACCCTGAATCACTTCACCAGCGGTATCTTTGATCCAGTCGATGTTGTTGGAAACGAAAGTATCGCCCAGCCACCACCCCAGGATACAAATACAGGCGCTCATACCTGCTTTGAAGGTGCTGGAGTTGA GGATGTTGTCGGTATCGACTTTACAGATAACGGTGGTCAGAGTTGCAACGCTGAGCATGATGATCAGGATTGCGTTGGTG GTGTTCATCAGCGGTTTTTCAACCAGACCCATGCTTGGGCTGTTGATGATTGCATAGATAACCACGCCAACTACGCCCAG  $\tt CAGGAACAGCCAGACGGACGTTTTTGCACCGGATTTGATTTCAATCTGCTTTTCACCGCGCAGTTCAACCAGGCCCTCTT$ GCCAGCAGGGTGGACGGATGACCACGGAGAGCAGATGGAGGTAGCTGATGCCATGACCTTCCATCACGGAAGACATGTA AACCACTGCCGCTGAGATTTGGCGATGCGGTGATCGCAATCTGCGCGGATACCACTGCAGTAGACAGCGGACGGCAAGGTT TAACGCCTTGTTCCTTCGCAACTTCAGCGATAACTGGCAGTGTCGCCAGAGAGATGTTGCCAGTACCAGCAAAGATAGTC ATAGTCCAGACCGCCAGCAACCTGCATGCAGAAATAGCGGCGATAACCGCCATGATAATGGAGATGACATCGAACGGGA TGTTACCGGGTTTAACGCCAATAGCGGCAAGAACCACCCCCAATCCGCCTGCAAAACCAATACCTATTCCCCCCAAT TGATATTAGATTGTTATTTTAAGTTACTGCTCACAAGAAAAAAGGCACGTCATCTGACGTGCCTTTTTTATTTGTACTA  $\tt CCCTGTACGATTACTGTTCGCTTTCATCAGTATAGCGTTTTGCTTTGTAAGCCGGGTGCATCAGATTCTGTACGGAGAAA$ ATATCGTCAAGTTCCGCTTCAGTCAACAGACCGCGTTCCAGAACGACTTCACGTACACTCTTACCGGTTTCGGCACAGAT ACGGATTCGAACATGGCCTGGCCAATGACCGCTCCATAACGTTCAACTGCAGCTGACCTGCTTCTGCTGCCATGGTAAC AGTGGTGTCGTTACCGATGACTTTGAAGCATACCTGGTTAACCACTTCCGGAACACCGGGTTTACTTTAGCTGGCATGA TGGAAGAGCCCGCCTGCAGTTCCGGCAGGTTGATCTCGTTCAGGCCGGCACGTGGGCCTGAAGAGAGCAAGCGCAGGTCG TTACAGATTTTGGACATCTTCACAGCCAGGCGTTTCAGCGCGCGTGAACCATAACATAAGCGCCGCAGTCAGAGGTCGC  ${\tt TTCGATCAGGTCTTCAGCCGGTACGCATGGGAAGCCAGTAACTTCAGCCAGTTTTTTCACTGCCAGCGAGAGTACTCTT}$  ${\tt TCGGCGTGTTCAGACCAGTACCGATTGCTGTTGCACCAAGGTTAACTTCCAGCAGCAGTTCAGCGGTACGTTGGATGTTT}$ TTCACTTCTTCTTCAGCAGGATGCTGAAAGCGCGGAATTCCTGACCGAGGGTCATCGGTACTGCGTCCTGCAGCTGGGT GCTTAATCAGGGAAGAGTAAACTGCGATACGGAAACCGGTCGGGTAGGCGTCGTTAGTGGACTGACATTTGTTAACATGG TCGTTCGGGTTCAGGTACTGATATTCACCTTTTTGGTGACCCATCAGTTCCAGACCGATATTGGCCAGCACTTCGTTGGT GTTCATGTTTACGGAAGTACCTGCGCCCCCTGGTAGACGTCTACCGGGAACTGATCCATGCATTTTCCGTTGTTCAGGA TTTTTAACCATTACCATACCGCGAACAAATTCAGGAATATCACTGATTTTGTTGTTGCTGATATAGAAGTTTTCAATCGC TCTCAGAGTGTGAACACCATAGTAGGCATCAGCTGGAACTTCCCTGGTACCCAACAGATCTTCTTCGATACGAATGTTGT TTGACATGTGAACCTTCTTTTTCAAGCTGCCAATGATTTGCTTTAAACACACAGAATATATGTGGTTTCGAATGTTTTTC GACCGACGATTATCCCCTGCATCGACCGAATACCCGAGATCATATGCTGCTTGAGGATTTCTACCGTAATCTGGATCACT TTAAGTGTCGGTTTTTACCCCTTAATTATTAATTTGTGAAATAGATCACCGCTTTGGGATTACTACCAAAAATAGTTGCG GGCTGCTATTACAGGAGAAACCTTTGCGCTGGTTACCTTTTATTGCCATTTTCCTTTATGTCTATATTGAGATTTCAATC TTTATTCAGGTTGCCCATGTATTGGGGGTATTGCTGACCCTCGTGCTGGTTATATTCACGTCAGTTATCGGTATGTCACT GGTACGTAACCAGGGCTTTAAGAATTTCGTGCTGATGCAGCAAAAAATGGCGGCGGGTGAAAAACCCAGCGGCGGAGATGA TTAAAAGTGTTTCGCTGATCATTGCTGGTTTGCTGCTTTTATTACCGGGCTTTTTTTACCGACTTCCTCGGTCTTCTACTT TTATTGCCGCCGGTGCAAAAGCATCTGACAGTGAAGTTGATGCCGCATTTGCGCTTTTCTCGCATGCCTGGCGGCGGTTT TAGCGCCGGGACCGGTGGCGGTAATACTTTTGATGGTGAGTACCAGCGAAAGGATGATGAGCGCGACCGCCTTGATCATA GCCGAGCACCGCATTGAGGGCATTATTCGGGATATGGCGAGAAGAGGGCGTGCCAGGTAGTGGTCAGGATTATGTTGCG  GCAATCCATAACGCTCCTACACCGAACAACTGCACTACAATTTTTGGAAGCGATGCTGCCGCCGCCATTTTTTCACCATA GGCGTCGAAGTGTAAGACGACTACCGTACAGCCCCAGTAGACTAATCCTGCCAGCAGCCAGACCAATCATCAAAGCACGAG GAAAATCACGCTCTGGATTTTTAAATTCCGAGGCGAGATGGGCAAATGCCTCCAGACCGACAAAACACCAGAACATCACT GATAACGCAGCAAATAACCCGGTAAGTTCGATATTACCAGGTGCCGGAAAGGGGATATTCGCAGGTTTGATATCGCCCGC CCACCAGATAGCGACAATCAGCGCGACGATAAGTCCGGCAATAACGGTTTGTAGATTAGCACTGGAACTGGCACCGCGAG AAGCCGCGAACCAAACGCCATACCGACGAAGTGCGCGACGCCGCCTGCGCTGGGATAGTGGCGACCCAGAATCGCAAACA GCAGGAACGCCAAACACGCCAGTGCCTAATAATGACGTCGATAGCAGGCCAATGCCCTGGGCCAGCCCCAGTTCTTGTTT GAGTCCACTCATGGGTTGATGTCCGATTGCGCCCAAATTTTGGGCAACTGCGTAGATTTTCGATGGTAGCACAATCAGAT TCGCTTATGACGGCGATGAAGAATTGCGATGAAATGTGAGGTGAATCAGGGTTTTCACCCGATTTTGTGCTGATCAGAA TTTTTTTTTTTTCCCCCTTGAAGGGGCGAAGCCTCATCCCCATTTCTCTGGTCACCAGCCGGGAAACCACGTAAGCTC GTCAAGCGTAAAGAAGTTGAAACTAAATCTGCTGGCGGCATCGTTCTGACCGGCTCTGCAGCGGCTAAATCCACCCGCGG CGAAGTGCTGGCTGTCGGCAATGGCCGTATCCTTGAAAATGGCGAAGTGAAGCCGCTGGATGTGAAAGTTGGCGACATCG TTATTTCAACGATGGCTACGGTGTGAAATCTGAGAAGATCGACAATGAAGAAGTGTTGATCATGTCCGAAAGCGACATT TAAAATTCGGTAACGACGCTCGTGTGAAAATGCTGCGCGGCGTAAACGTACTGGCAGATGCAGTGAAAGTTACCCTCGGT AATCGAACTGGAAGACAAGTTCGAAAATATGGGTGCGCAGATGGTGAAAGAAGTTGCCTCTAAAGCAAACGACGCTGCAG GCGACGGTACCACCACTGCAACCGTACTGGCTCAGGCTATCATCACTGAAGGTCTGAAAGCTGTTGCTGCGGGCATGAAC  ${\tt CCGATGGACCTGAAACGTGGTATCGACAAAGCGGTTACCGCTGCAGTTGAAGAACTGAAAGCGCTGTCCGTACCATGCTC}$ TGACTCTAAAGCGATTGCTCAGGTTGGTACCATCTCCGCTAACTCCGACGAAACCGTAGGTAAACTGATCGCTGAAGCGA TGGACAAAGTCGGTAAAGAAGGCGTTATCACCGTTGAAGACGGTACCGGTCTGCAGGACGAACTGGACGTGGTTGAAGGT CGCTGCTGATCATCGCTGAAGATGTAGAAGGCGAAGCGCTGGCAACTCTGGTTGTTAACACCATGCGTGGCATCGTGAAA GTCGCTGCGGTTAAAGCACCGGGCTTCGGCGATCGTCGTAAAGCTATGCTGCAGGATATCGCAACCCTGACTGGCGGTAC CGTGATCTCTGAAGAGATCGGTATGGAGCTGGAAAAAGCAACCCTGGAAGACCTGGGTCAGGCTAAACGTGTTGTGATCA ATTGAAGAAGCAACTTCTGACTACGACCGTGAAAAACTGCAGGAACGCGTAGCGAAACTGGCAGGCGGCGTTGCAGTTAT CGGTAGAAGAAGGCGTGGTTGCTGGTGGTGTTTGCGCTGATCCGCGTAGCGTCTAAACTGGCTGACCTGCGTGGTCAG AACGAAGACCAGAACGTGGGTATCAAAGTTGCACTGCGTGCAATGGAAGCTCCGCTGCGTCAGATCGTATTGAACTGCGG CGAAGAACCGTCTGTTGTTGCTAACACCGTTAAAGGCGGCGACGGCAACTACGGTTACAACGCAGCAACCGAAGAATACG  $\tt CTGATGATCACCACCGAATGCATGGTTACCGACCTGCCGAAAAACGATGCAGCTGACTTAGGCGCTGCTGGCGGTATGGG$ GGGGTTTTTCTTTTGGTCATCTTTCTAGTATAAGATTCAGACACGGACGACGAGTGGCGTCCAGCTCATTGATTATGG GGAATAACATGCACGTAAAATACTTAGCAGGGATTGTCGGTGCCGCGCTACTGATGGCGGGTTGTAGCTCCAGCAACGAA TAAGCAAAGCAACTGGCTTTCCGGGCAACACGGAGAAGAAGGCGGTTCTATGCGCGGCGCAGCAAACGATCTGCGCAACC GATAGCCAGATTATCGGTCAGGTTTATAAGTGCCCGAACTGATGTGATCCAGAGGCTGGGTGACAAACGTATAATTGCCT GATGCGCTTCGCTTATCAGGCCTACATAAGGCATTGCAACTGATTGAATGCTTGAGAATTTGTAGGCCGGATAAGGCCTT TACGCCGCATCCGGCATGACCAACGATCACGTTATCAGTCATTTCAGGCTGGATGGCTCCAGCCTCGCATTAGCAAAGAT GAGATTATTTCGCCTGTGGTGCAGTTTTGCTGGTGGATTGAACACGTAAGTGATGCAGCGCGCGTAAGCATTGATCCTGG GTTAGCGGTTGGGCGTTATTCGCCGCTACGGTGCGAACATAGACCTGACATGGCACACCCGCGAGTTTTTTCAGTCGTGG GCTGAAATCAAGCATTCGGCGAGTGATCGCTTCTATTTCTTTACCCGGCGTTGCTTCACGCGTTTTCACCACTGCGCCGC TAAATTGTTCTTTGCCACTTTCATCTTTAAAGCGGTAAAGCACCGCCAGATAATGGTCGAACAAGTTATGTTTCCATTCC GGTTGGGAATAGGTGTCATATTCCAGATTGCCATTGTCCTGGCAGTCAACGTCGTATAACGGCAGGAAATCTAACAGTGA ACTCATTGACGACTAACTCACATTTGCTACCGTCATGTAGCGTTAATACGAAGGTAAGATTTTCGCCTTGATTATCGGTA AGTTCCAGCGTGTTAACCCGACGATTAATATCGGCATTTTTAAGCTCATCAACCAGAATTTCTGGGATGTTTTCTGCCAT TTTCTTAATGACTTTATCGCGAGCTTGCTCATACTGAAGGTGTGCAGCAGCATCCAGTTTATGCTTTTGATGCAGACGAC TTCAGCGCCAGTGCAATGAAATTATTACTCTTGCGAATAACACCGGTATTAACACCCCTTGATGCTTATGGCCATGTAGGT TCTCCCTAACCATTTCTCAATTAAATAATTAATTTAATTTATAAGCCAGATAAATGGGCTTGGTAGTAATAGTTGTTAA AATAACATAAATAGCCGTACTCACTCTATATAAACAGAAAGGATAATTATTTGGTGTTAGCTATATAAAAAGTAAC AACAGCAATGCATATGAATAATTAAAGGTTATGCAACGGGCAAAGATTAAACTTCCCAGTTTAATGACAGGTTGCTGTAC TTGCGTTTGTTGCTCTTGCCGGATGCAGCGTAAACGCCTTATCCGGCCTACAGTTCATTGCAAATCCATTCAATTTCAAT GCACGATGTAGGCCTGATAAGCGTAGCGAATCAGGCAATTTTAATGTTTAACTTCCCTGTTTAATCAGTTACTGCTGGCG  ${\tt
ACATGCAGGTAATACGCCGGCATTGGAACAACGCATTACTCAGGTTTGCCAGCGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGCGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGCGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGGTTTGTGCGTTATCGTTCACCAGGTTTGCCAGGTTTGTGCGTTTATCGTTCACCAGGTTTGCCAGGTTTGTGCAGTTTATCGTTCACCAGGTTTGCCAGGTTTGTGCAGTTTATCGTTCACCAGGTTTGCCAGGTTTGTGCAGTTTATCGTTCACCAGGTTTATCTCAGGTTTGTGCAGGTTTGTGCAGTTTATCGTTCACCAGGTTTGCAGAGTTATCGTTCAGGTTTATCGTTCAGGTTTATCGTTCAGGTTTATCGTTCAGGTTTATCGTTCAGGTTTATCGTTCAGGTTTATCGTTCAGGTTTATCGTTCAGGTTTATCGTTCAGGTTTATCGTTTCAGGTTTATCGTTCAGGTTTATCGTTAGGTTTATCGTTAGGTTTATCGTTAGGTTTATCGTTAGGTTTATCGTTAGGTTTATCGTTAGGTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGTTTAGGT$ ATCACGTAACAGAACGCTCTGGTTCAGCAAAGTAACGCCTACCCGGCGCAACTTAGCCATCGCCTGACGGAATGTTTCAT  $\tt CTACCTCATTGGCATGGTTGATGTGATTCACCAGCAAGATTTGCAGCGTAGAACGGGCAAAGCATTCAACCAGCGCCTCG$ GTGATACGTGCCGGGATCACAATCGGCAGACGGCTGTGAATCCGCAGACGTTTTATATGCGGGATGGCTTCCAGTTGTGT GAGCAACCAGTCCAGCTCGTGATCTTTCGCCATCAGCGGATCGCCGCCGGAGAAAATCATCTCGTCCAGTTCCGGATGCG  $\tt CAGCAACATACTCAAGTGCAGTTTGCCAGTTACGCTTGTTGCCCTGATTTTCGGCATAGGGGAAGTGACGACGGAAGCAA$ TAGCGGCAATTTACCGCGCAGCCGCCTTTGACCAGCAAAAGCGCCCGGTTGTGGTATTTATGCAACAAACCAGGCACTAC GCTGTGCTGTTCTTCCAGTGGGTCGGTGGAGAATCCGGGCGCGATGACAAACTCATCTTGCGAGGTAAGTACCTGACGCA  $\tt CTGCGTCCGGCTAACAGTTTTTCCTCCGCGTCTATATTCAAAAGACGCAGAAGTTCATCAGGATCGGTCACAACATCGGC$ AAGTTGCGTTAACCAATCTTCTCTGGATGGGGTATTTAGGGTTACAATATGCGCCATTTTGTGGCTTAGCTACCAATTAA CAAATTTCAGAGGGCCTTATGGCAACGTACTATAGCAACGATTTTCGTGCTGGTCTTAAAATCATGTTAGACGGCGAACC TTACGCGGTTGAAGCGAGTGAATTCGTAAAACCGGGTAAAGGCCAGGCATTTGCTCGCGTTAAACTGCGTCGTCTGCTGA  ${\tt CCGGTACTCGCGTAGAAAAAACCTTCAAATCTACTGATTCCGCTGAAGGCGCTGATGTTGTCGATATGAACCTGACTTAC}$ CTGTACAACGACGGTGAGTTCTGGCACTTCATGAACAACGAAACTTTCGAGCAGCTGTCTGCTGATGCAAAAGCAATTGG TGACAACGCTAAATGGCTGCTGGATCAGGCAGAGTGTATCGTAACTCTGTGGAATGGTCAGCCGATCTCCGTTACTCCGC CGAACTTCGTTGAACTGGAAATCGTTGATACCGATCCGGGCCTGAAAGGTGATACCGCAGGTACTGGTGGCAAACCGGCT ACCCTGTCTACTGGCGCTGTGGTTAAAGTTCCGCTGTTTGTACAAATCGGCGAAGTCATCAAAGTGGATACCCGCTCTGG TGAATACGTCTCTCGCGTGAAGTAATGCGGTTGTGGTGCGGCCTGCAGGCTGCACCATCACTTATTCAGGTCAGAGATGA TGAAACGCCTTATCGTTCTTGTTTTGCTTGCCAGCACGCTGCTCACGGGCTGTAACACCGCTCGCGGTTTCGGCGAAGAC ATCAAACATCTCGGCAACTCCATCTCTCGCGCTGCCAGCTAATTTTTCTTCTTCTCTCCGAAAAATCATCAGATTCCCATCA AAGACATTTCTGATGGCGGTAACGCGATTTCTGGCGCAGCAACGAAAGCGCAGCAATAAGCAATAACGGTACGACAGCTG TGTCGTGCCGTTTGTTTTTTCTGCGATAGTCACAAAGGTAATAGTTGAAATTCCCCTGCCACCTGGCAAAATATCCGTTC AACCATCAGCTTTGCAGGACGACCTGCAAACGCCTCTTTTCACCGGGGACGGCCCCAATTCTCCGGAGCCTGATATGTCC  ${\tt TGGATTATCTTAGTTATTGCTGGTCTGCTGGAAGTGGTATGGGCCGTTGGCCTGAAATATACCCACGGCTTTAGTCGTTT}$ GACGCCGAGTGTTATTACTGTGACGGCGATGATTGTCAGTATGGCGCTACTTGCCTGGGCGATGAAATCGTTACCAGTAG GGACGGCTTATGCCGTGTGGACGGGTATTGGCGCAGTCGGCGCGCCATAACCGGCATTGTGCTCCGGTGAGTCCGCT  AAATGGTTGGCGTGCGGAGAGTATCCACAGGTAGTCGCGGTCCGGGCCGCAAACCAGCGCATGGCGGTATTCCCGATCG AGTGCAATAACGTTATAACCGCCATAGAAAGGACCAAAGAATGACACTTTCAGCGCAGCGCGAGTTGGTGCGCCGGTAAA GTACGCTTTCCCTTCACTCTGCTGCCACATTCCTCTGTCAGGGTTATAGCCTTTATTAATGACATTCAGGCCGCCGTCAT CACGCAGGCTGTATGTTGCGGTGACTTTTTCCAGTCCACGTTCAAAGCGGTGATCAAAACGGGCAATCTCATACCAGGTA  ${\tt CCGAGATAACGTTTGGCGTCGAAATTATTTACTACGGTCACGCCACGCGGCGCGTAGGAGAACTGCAGGCAACGACCAG}$ AAATGCAGCTGTCGCTGCGGCAACGAGAGGGAGCAGCCCATAAATGTTTCCTTACTGGTTTTTTTCTAAGTGTAGATGA CAGCAAGGAAAAGCGGAGAAAAGGTCCGAAAATTCGGACCCGATGGAATTTTACTGTAGAGCGTTAAGAATCTGCCAGGC GGCGTCGACTCTCGCTGGATTGGGATAGTTTTTGTTTGCCAGCATCACGATACCCAGCTCTTTTTCTGGAATAAACGCGA TTTACGGGGCGTGCTGCCAGTGCAATTTTATTGTCACTGCCGTTAATGATGCTGTCAGGATTTACCGGCCAGTCCAGCAT TTCCCAGCCCAGGCCTGATACATATCGCCGGTTTGCCAGTAGCGAGATTGTGCCAGTTGTATCCCTTGTTGAAGCGTTT TCTCATTGATATCAAGGGGTTTTAAATTGCTTTGCACCCAGCGGGCCATATCTTCAATGGTCGACTTCACACCATAAGCT TCAGCATCTAACGCCCCAGGCGAAACATGCACTGCCTTACCTTCGCGATATCCCCAGGCGTAATTCTTTTCTTCTGCGGG  ${\tt CGGTACATTAATCCACGTATGGTTGAGTTTGAGTGGCTGGAAGACACGAGTTTGCATCGCCTGCTCAAAACTCAAACCAG}$ TGCCAGTTTTGATAGAAGCGCAGCAAGTCGCTTGAGGATTTCACCTCATCCGGCACCTGCAATGGCAGGCCGCCAGCAGT  $\tt GTAGGTTGCGAGATGTAATAGTGTGATCCCATTCCACTGTTTAGCGGTAAGTTCAGGCCAGTATTTTGTTGTGGGATCGC$ TTAACTTGATTTCCCCTCGAGCAATAGCGTCGCCACCAAGCACGCCAGTAAATGTTTTGCTGACCGAACCTAACTCAAAC AACGTTTGCTGTGTGACGGGCTGCTTTTTGGCGATGTCCGCATAGCCCCAGGTAAAGTAATAAGGTTTACCCTGATAAAT  ${\tt TACCGCCACCGCCATACCCGGGATCTTTTGTTGCTCTATAAGCGGGGTAATTGTGCGATGCACAATATCGTTGATTTGTT}$ GAGGGGCAGCAAATGTGGAGCAAGAGGCGGTAATTAATAAGGCGCAGAGCGTCGTTTTGAACATAGGGTCTGGTTTCCAT A CAAAACGGCCCGCCATAGGCGGGCCGGATTTACATTGGCGATGCGTTAGATTGTAACGACACCAATCAGCGTGACAACTAGAGAACGCGCTCGTAGCTCAGCGCATCACCCGGAAACACCCCAGTGGCAGCAGAATACCCACCAGCAGGATCATCACCGGC GCAATGATGGCGCTCCACATACCACCGGCCCCGAAGAGGCCCCAGAATACCGGTTCGTCAGAACGCTTTGGATTTGGATT TTGATAATTGGCTCTGGTCCCATTTTTTCGTCTTTTACAATGATATTGGCCGCTTTCGGTGCCAGTTCAAACCAGGTTTT GGTGTGCAGCAGAGCTGCCGCCAGAGTGATCAGGTTAATGATCACGATAACCGGGTTTTGTAAAAAGTCGACGAATCCCG TTTAGTCGTCATGTTGCACTCCTTAGCGTGGTTTCAGGGTCGCGATAAGAAAGTCTTTCGAACTTTCTACTTTGCCCTGC TGAATGGCCGCAGCCGGATCGACGTGTTTCGGGCAGACTTCGGAGCAGTAGCCCACGAAAGTACAGCTCCATACGCCGTT CAGCCGGACCGATGAACTCTGGGTTCAGGCCAAACTGCGGGCACGCGGCGTAGCACAAACCACAGTTGATGCAACCGGAG AACTGGTGATACTTCGCCATCTGCGCCGGGGTCTGGATGTTAGTACCCTGATCCGCGGTGCGGGAGTTGCCGATGATGTA ATCCAGTAATGAGGTAGTTGCGTCATAAGGCACTTCATAGAATGCGCTATGCGGTGCGGTATCGACTTCCGGGTTATAGC GCACCACCTCAATTTTCAGGTTTTTCATCTCAGCCATTCGCCTTCTCCTTCTTATTGGCTGCTTCCGCCTTATCGGCTGC ATCCGCTTCGCCACCGTAAACGCGTTTAGCTGGCGGCAGCGTAGTAATCTTCACGTCGCTGTACTCCAGGCGAGTCGTGC TGCGCGCGCGGGGACTCTTTACGTGCCATTGCGGAGTGCGCCATACATTCAGCAACGTTCAGACCGTGGCCCAGTTCAAT GGTGTAGAGCAGGTCGGTGTTGAACACGCTGGAAGTGTCGGTGATGCGCACGCGCTTGAAGCGTTCCTGCAGCTCTGCCA GCTTGTCGATGGTTTTCTGCATCAGTTCCGGCGTACGGTAGATACCGCAGCCTTCTTCCATAGCCAGGCCCATTTCGTCG  GTTCCGCCAGGGAGTTAGAACCCAGACGGTTTGCACCGTGCAGACCACCAGAGGAACATTCACCCACGGCGAACAGACCT TTAATGCGGGTTTCACAGTTCTGATCGGTTTCGATACCGCCCATGGTGTAGTGTGCGGTCGGACGTACCGGAATCGGTTC TTTAACCGGATCGACGCCAACGTACGCTTTCGCCAGTTCGCAGATGAACGGCAGACGTTCATGCAGTTTTTTCTCGCCGA GGTGACGCAAGTCGAGATAAACCACATCGCCACGCGGCGTGGAGATGGTGTTGCCTTTACGCCATTCGTGCCAGAAGGCC TGAGAGACTTTGTCGCGTGGACCCAGTTCCATATATTTGTTTTTCGGCTCGCCCAGCGGAGTTTCCGGGCCCATGCCGTA ATCTTGCAGATAACGGTAGCCATTTTTGTTGACCAGAATACCGCCTTCACCGCGGCAACCTTCGGTCATCAGGATACCGG AACCTGGCAGACCGGTTGGGTGATACTGAACGAATTCCATGTCACGCAGCGGAACGCCGTGGCTTAGCGCCATACCCATA  ${\tt CCGTCACCGGTAACGATGCCGCCGTTGGTGTTGTAACGATAAACGCGACCCGCACCGCCAGTAGCCATAACGACCGCGTT}$ AGCACGGATCTGCACCAGCGTGCCTTCCATCATGTTCATTGCTACCAGGCCGCGAACATGACCATCATCAACCAGAATAT  ${\tt ACGGCTCCATGGGCATCCCCACAGTTCCAGTTGGGTCATTTCGGTTGGGCAGTGGTGGACGAAATAATCCACGACATCCT}$ GCTCACAACCAGTCGCCACCCGCTACTGTATCGTGAAAGTGATATTCGAAGCTGTCATGATCCTGCGCGACAGCGGCG CATTCCTCCAGATTGTTTTTATCCCACAGCCACGTACTTCAGGGTAAGTACCTGAAAGTTACGGTCTGCGAACGCTATTC CACTGCTCCTTTATAGGTACAACAGTATAGTCTGATGGATAAGTCTGAAATTTGACGAGATCGATTTTTTTAGTGCGCAA
TGTTTGATTCCTGCGTAAAATTTGTCTCGCCGTCGCGTTGCGAGTAGACTTCGTGCCCTTGTCAAAAACTGGAGATTTAA  $\tt CGTCGTTTCTTTGCCGATCGTGGAGTGCTGGAGGTGGAGACGCCTTGTATGAGCCAGGCGACGGTAACCGATATTCATTT$ GGTCCCGTTTGAGACACGTTTCGTTGGCCCCGGGCATTCGCAGGGGGATGAATCTCTGGTTAATGACCAGCCCGGAATACC ATATGAAACGCCTGCTGGTTGCCGGTTGTGGGCCGGTATTCCAGCTGTGCCGCAGCTTCCGTAATGAAGAGATGGGGCCGT TATCACAACCCTGAGTTCACTATGCTGGAGTGGTATCGACCGCACTATGATATGTACCGGTTGATGAACGAGGTGGACGA TCTCTTACAACAGGTGCTGGACTGCCCGGCAGCAGAAAGCCTTTCTTATCAACAAGCTTTCTTGCGTTATCTGGAAATTG  ${\tt ACCCGCTCTCTGCCGACAAAACGCAACTGCGGGAAGTCGCAGCGAAACTGGATTTGAGCAATGTTGCTGATACCGAAGAA}$ GACCGCGACACGCTGCTACAATTGCTGTTTACCTTTGGCGTAGAGCCAAATATTGGCAAAGAAAAACCGACCTTTGTGTA  $\tt CCACTTTCCAGCCAGGCATCACTGGCGCAAATCAGTACCGAAGATCATCGGGTCGCTGAACGCTTTGAGGTTTATT$ ATAAAGGTATTGAGCTGGCGAATGGTTTCCATGAATTGACGGATGCCCGTGAGCAACAACGCTTTGAACAAGATAAC  $\tt CTGTTCCGGCGTGGCATTAGGTGTTGATCGTCTGGTGATGTTGGCGCTGGGCGCGGAGACACTGGCTGAAGTCATCGCCT$ TTAGCGTTGACCGGGCATAATTCTGAAAAATTACTGAATTAACAGCGAAGAATGGCGTGATAAGCGCCATTCTGTAGCAT  ${\tt ATGTTTTCATTTTTCCGTTAAAGGCCACAATTTAAGACTGGATATTTGATATCATCCAGGTATCAATTCTGTATTGGTTT}$ TTACGCTGCTGCATGTTGCGCAGTGCAGTTCAGTGGGCACGTGTTATACACGCGCTGAAATGAAGGATGGTTTCAT GCCTCACACGATAAAAAAGATGAGTCTGATAGGACTCATATTGATGATCTTTACTTCCGTATTTGGATTTGCCAATAGCC  $\tt CATCGGCTTATTACTTAATGGGTTATAGTGCGATTCCCTTTTATATATTTTCTGCATTGTTATTCTTTATTCCATTCGCC$ TTAATGATGGCTGAAATGGGAGCTGCTTATCGCAAAGAAGAAGGCGGTATCTATTCCTGGATGAATAATAGTGTCGGACC TACCGTTCTCAACATTCCTCTATGGTAGCGACATGACCCAGCACTGGCGTATTGCCGGACTGGAGCCTACGCAGGTGGTT GGTCTGCTGGCTGTGGCATGGATGATTCTGGTCACCGTCGTTGCTTCTAAGGGGGATTAATAAAAATTGCCCGCATTACTGC GGTGGCCGGTATTGCAGTAATGTGTCTGAATTTAGTATTGCTGTTAGTAAGCATTACTATTTTGTTATTAAATGGTGGGC ATTTCGCGCAGGATATTAATTTCCTTGCATCACCGAACCCGGGTTATCAGTCCGGTCTGGCAATGCTATCGTTTGTGGTA TTTGCCATTTTTGCCTATGGCGGAATTGAAGCGGTTGGTGGTCTGGTCGATAAAACGGAAAATCCAGAAAAGAACTTTGC  ${\tt CAAAGGTATTGTTTTTGCCGCTATTGTTATTCAATCGGTTATTCGCTGGCAATATTTTTATGGGGCGTCAGCACAAACT}$ GGCAGCAGGTATTAAGTAATGGTTCCGTTAACCTCGGCAATATTACCTATGTGCTGATGAAGAGCCTTGGGATGACGCTG GGTAATGCACTGCATTTGTCACCTGAAGCGTCATTGTCGCTGGGCGTATGGTTTGCGCGTATTACTGGACTTTCGATGTT  $\tt CCTCGCCTATACCGGTGCGTTCTTTACGCTTTGCTATTCACCGTTGAAAGCCATCATCCAGGGGACGCCGAAAGCATTGT$  TTCATCCTGCTGGTTTCGTTTGGTGGCGGTACCGCATCGGCGTTCTTTAACAAGCTGACGCTGATGGCGAACGTGTCTAT GACGCTTCCTTACCTGTTCCTCGCGCTGGCTTTCCCCGTTCTTTAAAGCACGTCAGGATCTCGACAGACCGTTTGTGATTT  ${\tt TCAAAACGCATTTGTCGGCAATGATTGCGACAGTGGTTGTCGTACTGGTGGTGACATTTGCGAACGTCTTCACCATCATT}$ GGCGATTTACCAGAACTATTGCAGCAGAGTGGCAAAAAATCCGCAGTGGGCGGTGGAATAACCCGATGCCCTATCGTCTA  $\tt CCTGACGATAGGGCGTAAAGACAGGAAATGTTATGGATGACACCAGCCGGGACCCGGCAATAACCGAAGATGAAATCAGG$  ${\tt AGTGGCGATGGTGGTGGTAGCACCATTAACACCCTCAAAGATCGCGATGGTAAACGGTGGGGAAACCTGCCGGATATTT}$ ATTGCGCTTATCTTATCCGATGTCTGGTTTTTCGCGGGGAATTAGTGGGGATACGGCGATTTGTTTCGTATGCGCTATAGC GAAATTAAGCGACCGGTTACCTTATGAGTGCGCGCATGTTTGTCTTATGCTGCATCTGGTTTATTGTGGCGTTCCTCTGG  $\mathsf{TCTCGAAGAAGACGATACCCGTGATGTTGGTGTGATAATGACGTTACCGCTCTTTTTCCCTTTTCTCTGGTTCGCTTTGT$ GGCGAAAAAAACGCGGCTGGTTTATGTACGCCACCGCGCTGGCTATTTTCGGCTACTGGCTGTGGCAGTTTTTTCTGCGC GACGTCAGCGTTCTCCCCGTTTGTTTACCGTTGAGGCTTTCCAGACGCATCTGGAAGGGCGGGAATGGCATATCGATACC  $\tt GTGGGCATGGAAGCCAGCCAGAATCAGCTGGTGGATCTCATGGCGTAGCGGCATACGGTGACCCATCTCAGCGGCGTAAA$ TACGCAGCTCGAAAATCTGAATCCCCTGTTGCAGATCCACCAGGAAGACTTCCGGTGCCGGGTTGTCGATCACCAGCGAG GGTCCCAGTCGCTGATGGTGGTGGCGCGGGTGTTAATTTTCGTCACGCTACCGGTGAGATCGCGAATTGTCACCGTATCG CCAATGCGAATCGGTTTTTCGAACAGGATAATCAGACCAGAGATAAAGTTGGCGAAAATTTCCTGCAAACCAAAACCGAG ACCAACACCGAGCGCGCAACCAGCCACTGCAATTTCGACCACTCAATACCAATCATTGAGAAGCCGACCAGCCCGCCAA  ${\tt TCAGCATCAGCAGATATTTGGTGATGGTGATGGCGTAACCCGTACCCGGCGTTAAATCCAGGTGCTGCAAAATCGCC}$ AGTTCCAGCAGCGCGGCAAGTTGCGCACCAGCTGCGTGATGATAAACACCAGAATGGCAATCAGCACCGCACCGAG GGTAATTGGCTCCAGACTTTCTACGCCCTGTACCGTGGAGGTGACATCCCACAGCGAAATATTTTCGAGGAAGCCGAAAG CGGAATGGATTTCTGACCACAGCACAATGACAGAAAGCAGGGCGATCAACATCAAAATTGAGCGCACCAGCCGCAAGGAT TGCGCACTGATGGCATCGAGATCGACTTCGCTTTCATCGACTTCAATTGCTCCTTCCGGGCTACTGTGATGATGCGCTTC TCAGCATCCAGCGGCGGATAACGTGATAAACCACCAGTAGCAGGAACCAGATGGCAACCGAGGTTTCAAGCCTCGCTAAC  ${\tt CCACCGCCAGCGCACCGCAAATGAGGATAAAGCAAAGCCGTCCCAGCGAACCGGAGAATTCACGGTCGTCGAGGTTATCG}$ AACATCATCAGCGCCATAATCAGCGGCACAATAAGCCCGATGCTCATCAGGTAGTAGCGCATCCCACGGGAAACACGTTC GCACGGTGGCCGTTACACCATCGCCAATCGCGACCGCCAGCGGATAAGGCCACGCCTCGCGCAAGCCGTAACCCAGCGTC ATCCACAGCACCGGTAACGGTGACGCGACGAGAATCGACCAGAAAAGAGTGCGCAACGTCAGCCAGAAGTGATCCTGAGT CACTTTGCCAACTTTCGCCGCCGAACGTTCAAGAAAACGGGTGAAATAGCGGCGCGAGTAAATACTGCAACCGACCAGAA GAACAGATAGCGGTGCGTTGCTTCGTTCACCTCTTTCAGCGCATCCTCCAGTTGCCCGTTGGAGACTTTCAGCTTGGTCA GTTCCAATAGTAGCGTGTCGCCACCCTGCAACAATGAGTTCAGCAACTCACGCTGAGTGCGCAGTTGTGCTTCCAGAATA  $\tt CGGTTTTGCTCGGCAGTCAGCGGCTGACCGTCGGCCTGATGAATTTGCCGTAGCAGCGGCTGTTTATTAAGCAGATCCTC$  $\tt CCTGCGCCGCAGCGCTTCGCCGAGCAGATTGGACGATCCCAGCCATTGCGACTGTTCACGCAGCGTATTCAACGCCTGC$  $\tt CGCCGATAGTTCGCGGTTAATTTTGAATTGCGCGACGATATCTTTCGGCAAATCGGCGCTGTTTTCTGCCAGCAATTCGGCAAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCACAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGACAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGGCAAATTCGAAATTCGGCAAATTCGAAATTCGGCAAATTCGAAATTCGAAATTCGAAATTCGAAATTCGAAATTCGAAATTCGAAATTCGAAATTCGAAATTCAAATTCAAATTCAAATTCAAATTCAAATTCAATTCAAATTCAATTCAATTCAATTCAATTCAATTCAAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAATTCAA$ TACTTTCCAGCGCCCGCTCCGCCTCAAGCTGACGTTGGCTGTTTAATTGATTACGCAAGGCCTGCAAATACGCATCCAGT TGCTGGCTCTCTTTTTCCGCCAGCTCTGAGCGTAAGCGCGCTAATTCCTGGCGGTTATTGGCAGACAGCTGCGCCAGCTC GAATCGCCAATCTCGCGGCCGCTCCTGCTCTTGCTGGGCCTGACGCTTTTATCCAGCAACTGGCTGCTGACCTGGAG AATTTCCTGATTCAGCGCGTCGGTAGACATTCCCGGCGACACGCTGCGCGGCTCGTCACGCATGTTGTTTAATTGTGCGC  ${\tt GCAGAGTAGCGGAGAGTTTCGGATAATTATCGATAACTTGCTGATATTGTTTGATGCGCTCAAGGGAACCTTTTCGTTCC}$ TCAAGCGCATTTAAGGCAGACTGGAGCGCCTCTACGACTTCCGGCTGTGCGGGTTTCGCCGCTTTTGCCTGCTCCAGTTC  $\tt CTGAGTGATTTGTTTGCTATCGGGGGCCGTCGCGGCGTACGCCCCCCAACTGAGGCACCAGGCCATCAGAAAAGTGATAA$  ${\tt TCAGGCGCACGTCAGCGTTTCCTTTGATGGATTAGACCTGGTCTTTTTTTGTCGTCAACCAATGGGCTGGCGTCGTGTTCT}$ GCTTCGATCTCTTCAGCAGGAAGCGGGGCAGGTTCAGCGTCTGGCGTAACAAAGGTTTCGGTAGATACTGCCAGCGGCTG GCCAATTTTCGTGACAGACAGGCTTTCCAGTTGCTCAACCAGATTCACTTTACCCGGTGCAAACAGGTTGATAACGGTTG AACCGAGTTTAAAGCGACCCATTTCCTGGCCTTTCAGCAGTGCCACAGAACCGTCGTTTTCCCCGGCAGGCCAGGTCCAG TCTGAGCCGTGAGATGGTTAACGGAGAAGAGATCGCCCGGCACGTAGATCATCTCACGCAGAATACCGTTGCACGGCATG TGTACGCGGTGGTAGTCACGCGGGGAGAGGTAAGTGGTCACAAACGTACCGTTGCGGAACAGGTCCGCCATCAGATAGTT  ${\tt AAGAATTCGTTAAAGGTGCGGTAGCTGGCGGTGTCCGGCTTTTGCGCCTCTTTCATGTCGACCTTGTAGTATTTAACGAA}$  ${\tt GCAGAATGTACTGTAGCGAAAGTTTAAATGAATTTAACAAGGTAGCCTCCAGGCCATTGTTTTGTCGTTCCTGATCCGGC}$  $\tt TTTACGCGTTTTTACCTGCGCCATGCTTTCCAGAATACGGTGATAGTTTTCGAAACGGGTTTCCGCGATTTTCCCTTCCT$ CAACCGCTTCCCGGATAGCGCAGCCCGGATCGGTATCGTGTTTGCAATCGCGATATTTACACAGACCTAAATAGTCATGG AATTCGACAAAGCCCTGAGTGATTTGTTCCGGCTCCAGGTGCCAGAGGCCGAACTCACGCACTCCTGGGGAGTCAATCAC  ${\tt ATCACCGCCGTGCGGGAAGTGATACAGCCGAGCGGCGGTCGTGTTGTCGACCGAGCCCCGAGTTGTCAGAGATATCGT}$ TGGTCAGGATCTCTTTTTGCAGCCCCAGCAACGCATTCAGCAGGCTGGATTTGCCGACGCCAGACTGCCCGGCAAAAATG GATATTGCGGTAGATATCCATCTGCTCGTTGACGAACGCCATGCCTTCGTCGTCCAGCAGGTCTATCTTGTTGAGCACAA TAATCGGCTCAATCTGCAAGGTTTCGCAGGCCACCAGGTAACGGTCGATAATATTGAGCGACAGCTCCGGCAAAATGGCG GAGACAATGACAATCTGGTCGATGTTGGCGGCAATAGGTTTTACGCCGTCGTAGAAATCCGGACGCGTCAACACCGAGGT TTTAAGACGACGCTGGTGATTGGCGTTCACGCGGCGCTGCTGGCCTTTGGAGAGTTTATTTTTACTCAATCGTACAGACT AGCATGAGTGCCAATGAAAACACCTGATTTGGATCGATCTTGAGATGACCGGTCTGGATCCCGAGCGCGATCGCATTAT TGAGATTGCCACGCTGGTGACCGATGCCAACCTGAATATTCTGGCAGAAGGGCCGACCATTGCAGTACACCAGTCTGATG TAACAGCATCGGTCAGGACCGTCGTTTCCTGTTTAAATACATGCCGGAGCTGGAAGCCTACTTCCACTACCGTTATCTCG ATGTCAGCACCCTGAAAGAGCTGGCGCCGCTGGAAGCCGGAAATTCTGGATGGTTTTACCAAGCAGGGGACGCATCAG GCGATGGATGATATCCGTGAATCGGTGGCGGAGCTTACTACCGCGAGCATTTTATCAAGCTGTAAAATTTTTCCTG GTCACGTAAGCGCCGGAATCCACTTGCGGCGGCGTGATTTTGACGCTAAATTGAACGTCTTGCTGATAATTTCAGCACTT GAGATAAAAACGCAAAAAAAACTTTTTTGGGGGGGTTGCAGAGGGAAAGATTTCTCGTATAATGCGCCTCCCGTAACGACG  $\tt CAGAAATGCGAAAATTACGAAAGCAAAATTAAGTACTACGCGGGAATAGCTCAGTTGGTAGAGCACCGACCTTGCCAAGGT$  ${\tt CGGGGTCGCGAGTTCGAGTCTCGTTTCCCGCTCCAAAATTTGAAAAGTGCTGCAAAGCACAGACCACCCAAGCGGGAATA}$ GCTCAGTTGGTAGAGCACGACCTTGCCAAGGTCGGGGTCGCGAGTTCGAGTCTCGTTTCCCGCTCCAAAATTTGAAAGTG  GTCTCGTTTCCCGCTCCAAATTCTTCTCTCAATAAAATATCCACAGCGACGCGATGCGTTATTGCTGGTTTTTTGTTGTCT CTGACAAACTCTTGTAAACAGAGTTATCCACAGCCTCAGGCTGTAATCTTAATTTCAAAGAAACTTCGCACGGTGAATAG TATTTTTTTAACCTATTGATAGATAAGTTAAAAATTAAGATTCCGTTTTGTCGAGTCGATCACTTGACGATTTTATTCGT  ${\tt CCGAACCAGACGCTGTTTTTTCGGCAATTGCACTTCGACTATGCACGCATTTCGTCTCTCTATTTGCTGCGCAATCGCCC}$
TTGCCTAATGCTACGGCGATATTACGCAGCCAACGCAGGTGACCAATACGACGAATCGCCGATCCTTCCGTGACTTTTAA AAACTTCTCTTCGCTCCAGGCGAATAACTCAATGAGTTCCGGTGCGTGTAGCGGCTTACGCGGGCTGAAATCCTCTTCTG TGGTGAGTTGTGAATAGCGATTCCACGGGCAGATAAGCTGGCAGTCATCGCAACCGTAAATACGGTTTCCCATTAACGGT A CAATGTTGCTGAATCATCTCGCCCAGCTTTTTGAGTCGGTTGCGCAGAAGTTTGTGATAGTCACGGCCCAGCGCATAACGGCTAACATAGCCGAGTTTGGGGTTTTTCAGCGTGCTGGCAAATGCGGCGTTAGCAGGAAGGTAATTCATCCGCACGCTG AGCCCAGTTCCAGCCCCACTGTTTAATTTTTTGCGCTAACTGATTGAGATCGAGGGGCTCTGACATGACGGACCATACA ATGAAGAAAACCCCGTAAGTATACCACACCCGTCTGGTACGCCGACGATATCCGCCGCGGAGAACGCGAGGCGGCAGA TGTGCTGGGGCTCACACTCTATGAGCTGATGCTTCGCGCTGGCGAGGCCGCATTCCAGGTGTGTCGTTCGGCGTATCCTG  ${\tt ACGCCCGCCACTGGCTGCTGCTGCTCATGGTAATAACGGCGGCGATGGCTACGTCGCCGCGACTGGCCAAAGCG}$ GTCGGCATTGAGGTCACGTTGTTGGCCCAGGAGAGCGACAAACCGTTGCCGGAAGAGCCGCGCTGGCACGCGAAGCATG GTTAAACGCGGGTGGCGAGATCCATGCTTCGAATATTGTCTGGCCCGAATCGGTAGATCTGATTGTTGATGCGCTGCTCG GTACCGGTTTGCGGCAAGCGCCCCGCGAATCCATTAGCCAGTTAATCGACCACGCTAATTCCCATCCTGCGCCGATTGTG GCGGTTGATATCCCTTCCGGCCTGCTGGCTGAAACTGGCGCTACGCCAGGCGCGGTGATCAACGCCGATCACACCATCAC TTTTATTGCGCTGAAACCAGGCTTGCTCACTGGAAAAGCGCGGGATGTTACCGGACAACTGCATTTTGACTCACTGGGGC TGGATAGTTGGCTGGCAGGTCAGGAGACAAATTCAGCGGTTTTCAGCAGAACACTTTCTCACTGGCTAAAACCGCGT  $\tt CGCCCGACTTCGCATAAAGGCGATCACGGGCGGCTGGTAATTATCGGTGGCGATCACGGCACGGCGGGGGCTATTCGTAT$ GACGGGGGAAGCGCCCTGCTGCTGCTGCTGCTTGTTAGTCCGAGTACTGACCCGCAGTGAAAACATTGCGCCGCTGCTGA ATTGGTCCCGGTCTGGGCCAGCAAGAGTGGGGGAAAAAAGCACTGCAAAAAGTTGAGAATTTTCGCAAACCGATGTTGTG GGATGCCGATGCATTGAACCTGCTGGCAATCAATCCCGATAAGCGTCACAATCGCGTGATCACGCCGCATCCTGGCGAGG  $\tt CCGCACGGTTGTTAGGCTGTTCCGTCGCTGAAATTGAAAGTGACCGCTTACATTGCGCCAAACGTCTGGTACAACGTTAT$ GGCGGCGTAGCGGTGCTGAAAGGTGCCGGAACCGTGGTCGCCGCCCATCCTGACGCTTTAGGCATTATTGATGCCGGAAA TGCAGGCATGGCGAGCGGCGTGGGCGATGTGCTCTCTGGTATTATTGGCGCATTGCTTGGGCAAAAACTGTCGCCGT ATGATGCAGCCTGTGCAGGCTGTGCCGCACGGTGCGGCAGCTGACGTACTGGCGGCGCGTTTTGGAACGCGCGGGATG  $\tt CTGGCAACCGATCTCTTTTCCACGCTACAGCGTATTGTTAACCCGGAAGTGACTGATAAAAAACCATGATGAATCGAGTAA$ TTCCGCTCCCTGATGAGCAGGCAACATTAGACCTGGGCGAGCGGGTAGCGAAAGCCTGCGATGGCGCAACCGTAATCTAT AAGCCCCACTTATACGCTGGTCGAACCCTATACGCTCGACAACTTAATGGTCTATCACTTTGATTTGTACCGCCTTGCCG ATCCCGAGGAGCTGGAGTTTATGGGGATCCGCGATTATTTTGCCAACGATGCCATCTGCCTGGTGGAGTGGCCACAACAA GGTACAGGTGTTCTTCCTGACCCGGATGTCGAAATACACATTGATTATCAGGCACAAGGCCGTGAGGCGCGTGAGTGC GGTTTCCTCTGCGGGTGAATTGTTGCTGGCGCGTTTAGCCGGTTAACCTTTGAAAGGTGGCGGGATGATGTATCGCATCA GGTAATCAACAGGCGCGGATAACGTTGAGTTTTATTGGCGATCCTGATTATGCGTTTAGCCATCAAAGCAAACGCACCGT GGCGCTCGATATCAAACAACGGGCGTGATTCAGGGACTGCCGTTGTTGTTCAGCGGCAATAATCTGGTGAAGGCGATTC GCTCTGGAACGCCTAAAGATGCACAAACGCTACGGCTGGTGGTCGATCTTACCGAAAACGGTAAAACCGAAGCGGTGAAG  $\tt CGGCAGAATGGCAGCAATTACACTGTCGTCTTTACGATTAACGCCGATGTGCCGCCACCGCCTCCTCCGCCGCCGCTGGT$  TGCGAAACGCGTTGAAACGCCTGCGGTTGTCGCACCGCGCGTCAGCGAACCGGCGCAATCCGTTTAAAACGGAAAGTA ATCATCGCTATTGATGCCGGACACGGCGGTCAGGACCCTGGCGCTATCGGCCCCGGTGGTACGCGGGAGAAAAATGTCAC ACTTTATCTCGGTGATGGGGCGCAGTGATGTGGCACGTAAGCAAAACGCCAATTTCCTCGTGTCGATTCACGCTGATGCC GCACCGAACCGCAGTGCGACTGCCGCTTCCGTATGGGTGCTCTCTAACCGTCGCGCCAACAGTGAAATGGCCAGCTGGCT  $\tt CAACGCATTGGCGAAATACATAAACGTCGACCAGAACACGCCAGCCTTGGCGTTCTGCCTCGCCGGATATCCCATCAGT$ AAGCCATTTACAAAGGCCTGCGCAATTACTTCCTTGCGCATCCGATGCAATCTGCGCCGCAGGGTGCAACGGCACAAACT GCCAGTACGGTGACGCCAGATCGCACGCTGCCAAACTAAGGACGATTGATGCCAATTCAGGTCTTACCGCCACAACT GGCGAACCAGATTGCCGCAGGTGAGGTGGTCGAGCGACCTGCGTCGGTAGTCAAAGAACTAGTGGAAAACAGCCTCGATG AAAAAAGATGAGCTGGCGCTGGCTCGTCATGCCACCAGTAAAATCGCCTCTCTGGACGATCTCGAAGCCATTAT AGCAGGAAGCCTGGCAGGCCTATGCCGAAGGGCGCGATATGAACGTGACGGTAAAACCGGCGCGCATCCTGTGGGGACG CATTGATGAGATCATCCGCCGCATTGCGCTGGCGCGTTTCGACGTCACGATCAACCTGTCGCATAACGGTAAAATTGTGC  $\tt GTCAGTACCGCGCAGTGCCGGAAGGCGGGCAAAAAGAACGGCGCTTAGGCGCGCATTTGCGGCACCGCTTTTCTTGAACAA$ GCGCTGGCGATTGAATGGCAACACGGCGATCTCACGCTACGCGGCTGGGTGGCCGATCCAAATCACACCACGCCCGCACT ACAACAGCAACTGGAAACGCCGCTACCGCTGGACGATGAACCCCCAACCTGCACCGCGTTCCATTCCGGAAAACCGCGTGG GAACGTTGGCTCAGGCACAATTGACGCCGGGTGAAGCGCCCGTTTGCGCCCAGCCGCTGCTGATTCCGTTGCGGCT AAAAGTTTCTGCCGAAGAAAAATCGGCATTAGAAAAAGCGCAGTCTGCCCTGGCGGAATTGGGTATTGATTTCCAGTCAG ATGCACAGCATGTGACCATCAGGGCAGTGCCTTTACCCTTACGCCAACAAATTTACAAATCTTGATTCCTGAACTGATA GGCTACCTGGCGAAGCAGTCCGTATTCGAACCTGGCAATATTGCGCAGTGGATTGCACGAAATCTGATGAGCGAACATGC GCAGTGGTCAATGGCACAGGCCATAACCCTGCTGGCGGACGTGGAACGGTTATGTCCGCAACTTGTGAAAACGCCGCCGG GTGGTCTGTTACAATCTGTTGATTTACATCCGGCGATAAAAGCCCTGAAAGATGAGTGATATCAGTAAGGCGAGCCTGCC TAAGGCGATTTTTTTGATGGGGCCGACGGCCTCCGGTAAAACGGCGTTAGCCATTGAGCTGCGTAAAATTTTACCAGTAG GGAAATGGCCGATATCACCGCGGCGGGGCGGATCCCACTGTTAGTGGGCGGTACGATGTTGTATTTCAAGGCATTGCTGG AAGGGTTGTCGCCGCTACCGTCGGCAGACCCGGAAGTACGGGCCAGAATTGAGCAACAGGCGGCAGAGCAAGGTTGGGAGTCATTGCATCGTCAACTTCAGGAGGTAGATCCGGTTGCGGCAGCAAGGATTCATCCAAAATGATCCACAAAGGCTTTCCCG GGCACTGGAAGTTTTTTCATTTCGGGTAAAACTTTAACGGAACTGACGCAAACGTCAGGAGACGCTCTACCGTATCAGG TGCATCAGTTCGCCATCGCCCCGGCGAGCCGTGAACTGCTCCATCAACGCATTGAGCAGCGTTTTCATCAGATGTTGGCT TTATCGCCAGATGTGGTCTTACCTTGAAGGCGAAATCTCATACGATGAAATGGTTTATCGAGGTGTTTGCGCCACGAGAC GAATCGAAAGGTTCAAAGTACAAATAAGCATATAAGGAAAAGAGAGAATGGCTAAGGGGCAATCTTTACAAGATCCGTTC TTTTGATCAGTTCGTGATCCTGTTGAAAAACACGGTCAGCCAGATGGTTTACAAGCACGCGATTTCTACTGTTGTCCCGT  $\tt CTCGCCCGGTTTCTCATCACAGTAACACGCCGGTGGCGGTACCAGCAGTAACTACCATCATGGTAGCAGCGCGCAGAAT$ TCCCCGCTGATCTATTTAGAGGGTTATACGCTTGTTTGACCGTTATGATGCTGGTGAGCAGGCGGTACTGGTACACATCT ATTTTACGCAAGACAAGATATGGAAGACCTCCAGGAGTTTGAATCTCTGGTCTCTTCCGCCGGTGTCGAAGCATTGCAG GTGATTACCGGTAGCCGTAAAGCGCCCCAAAGTATTTTGTAGGTGAAGGTAAAGCAGTTGAAATTGCGGAAGCTGT AGTGTCGTGTTATCGACCGCACCGGCCTTATTTTAGATATTTTCGCCCAACGTGCGCGTACCCATGAGGGTAAGTTGCAG GTTGAGCTGGCGCAGCTGCGCCATCTGGCTACGCGCCTGGTGCGTGGCTGGACCCACCTTGAAAGACAGAAAGGCGGGAT GCCTGGAAAGAGTTGAAAAGCAGCGTGAGCAGGGGCGCAATCGCGTATCAAAGCCGACGTTCCTACTGTTTCGCTGGTG GGATATACCAACGCCGGTAAATCTACCCTTTTCAATCGCATCACCGAAGCGCGGGTCTACGCGGCAGACCAGTTGTTTGC  $\tt CACCCTCGACCCGACGTTGCGGCGTATTGACGTTGCAGATGTCGGTGAAACCGTACTTGCAGATACCGTAGGGTTTATTC$ ATTGATGCGGCGGATGTGCGTGTACAAGAAACATCGAAGCGGTGAATACGGTTCTTGAAGAGATCGACGCTCACGAGAT  $\tt CCCAACCCTGCTGGTGATGAACAAGATCGATATGCTGGAAGATTTCGAACCGCGTATTGATCGGGACGAAGAGAACAAAC$  $\tt CGAACCGTGTCTGGCTTTCCGCACAGACCGGAGCGGGGTACCACAGCTTTTTCAGGCTTTGACGGAGCGGCTTTCCGGC$ GAGGTGGCGCAGCATACATTGCGTCTGCCACCGCAGGAAGGGCGTCTGAGAAGTCGTTTTTATCAGCTTCAGGCAATAGA  $\tt AAAAGAGTGGATGGAGGAGGGCGCGTAAGTCTGCAAGTTCGTATGCCGATCGTTGACTGCCGTCTCTGTAAAC$ AAGAACCGGCGTTGATCGATTACCTGATCTAACGGCGTAGCGTCTGAAGCGTGGAGTCATATCCTCTGGCGTCGAAAGAC AACAGGGATCACCGCATAACAAATATGGAGCACAAACATGGCGTGGAATCAGCCCGGTAATAACGGACAAGACCGCGACC  ${\tt CGTGGGGAAGCAGCAACCTGGCGGCAACTCTGAGGGAAATGGAAACAAAGGCGGTCGCGATCAAGGGCCACCTGATTTA}$ GATGATATCTTCCGCAAACTGAGCAAAAAGCTCGGTGGTCTGGGCGGCGGTAAAGGCACCGGATCTGGCGGTGGCAGTTC ATCGCAAGGCCCGCGCCCCGCAGCTTGGCGGTCGTTGTCGTTACCATCGCAGCGGCAGCGATTGTCATTATCTGGGCGGCCA GTGGTTTCTATACCATTAAAGAAGCCGAACGCGGCGTGGTAACACGCTTTGGTAAATTCAGCCATCTGGTTGAGCCGGGT  $\tt CTGAACTGGAAACCGACGTTTATCGACGAAGTCAAACCGGTGAACGTGGAAGCCGTTGCTGCCGCTTCTGGTGT$ GATGCTGACGTCGGACGAGAACGTAGTGCGCGTTGAGATGAACGTGCAGTACCGCGTCACCAATCCGGAAAAATATCTGT ATAGCGTGACCAGCCCGGATGACAGCCTGCGTCAGGCTACCGACAGCCCCTGCGTGGAGTTATCGGTAAATACACCATG GACCGCATTCTGACGGAAGGTCGTACCGTGATTCGTAGCGATACTCAGCGCGAACTGGAAGAGACGATTCGTCCGTATGA TTGCCGCGCGTGAAAACGAACAGCAATACATTCGTGAAGCAGAAGCGTATACCAACGAAGTTCAGCCGCGTGCGAACGGT  $\tt CAGGCGCAACGTATCCTCGAAGAGGCCGTGCGTACAAGGCCCAGACCATCCTGGAAGCTCAGGGTGAAGTGGCGCGCTT$ TGCTAAACTTCTGCCGGAATATAAAGCCGCGCGGGAAATTACTCGCGAGCGTCTGTATATCGAGACGATGGAAAAAGTGT TGGGTAACACCCGCAAAGTGCTGGTTAACGATAAAGGTGGCAACCTGATGGTTCTGCCGTTAGACCAGATGCTGAAAGGT GGTAACGCCCCTGCGGCGAAGAGCGATAACGGTGCCAGCAATCTGCTGCGCTCTGCCGCCAGCCTCTTCCTCCACAACCAG TGGAGCAAGCACCCTCGTCCACCAGTCAGGGCGATATTATGGACCAACGCCGCGCCAACGCGCAGCGTAACGACTACC TTGTCGTCAAAGAGGTGAGCGCGGTATTACGCTGCGTTTTGGTAAGGTACTGCGTGACGATGACAACAAACCTCTGGTT TATGAGCCGGGTCTGCATTTCAAGATACCGTTCATTGAAACGGTGAAAATGCTCGACGCACGTATTCAGACCATGGACAA GCCGTTACTACCTGGCAACGGGTGGTGGCGACATTTCGCAAGCGGAAGTGCTGTTGAAACGTAAGTTCTCTGACCGTCTG CGTTCTGAAATTGGTCGCCTGGACGTGAAGGTATCGTCACCGATTCCCGTGGTCGTCTGACCCTCGAAGTACGTGACGC GCTGAACTCCGGTTCTGCGGGTACAGAAGATGAAGTTACTACCCCGGCGGCAGATAACGCCATTGCCGAAGCGGCAGAGC GCGTAACGGCTGAGACGAAGGCCAAAGTTCCGGTCATCAACCCGAACAGTATGGCGGCGCTGGGTATTGAAGTTGTCGAT GTGCGTATCAAGCAGATCAACCTGCCGACCGAAGTGTCTGAAGCGATCTACAACCGTATGCGCGCCGAGCGTGAAGCGGT AGCGCGTCGTCACCAGGTCAGAAGGAAGAAGCGGAAAAACTGCGGCGGACTGCCGACTATGAAGTGACCAGAACGC TGGCAGAAGCTGAGCGTCAGGGCCGCATCATGCGTGGTGAAGGCGATGCCGAAGCAGCCAAACTGTTTGCTGATGCATTC AGTAAAGATCCGGACTTCTACGCATTCATCCGTAGCCTGCGTGCTTATGAGAACAGCTTCTCTGGCAATCAGGACGTGAT GGTCATGAGCCCGGATAGCGATTTCTTCCGCTACATGAAGACGCCGACTTCCGCAACGCGTTAATATAACGACTGCGGTA TGGCTGGCGCTTGCCCTGGTTTTGGTACTGGAAGGTTTAGGGCCGATGCTTTACCCGAAGGCATGGAAGAAGATGATCTC TGCGATGACCAATTTGCCCGATAATATTTTACGTCGTTTTTGCCGGTTGGACTTGTGGTTGCGGGCGTTGTGGTCTACTACA TGTTGAGGAAAACGATTGGCTGAACAAAAAACAGACTGATCGAGGTCATTTTTGAGTGCAAAAAAGTGCTGTAACTCTGAA  ${\tt AAAGCGATGGTAGAATCCATTTTTAAGCAAACGGTGATTTTGAAAAATGGGTAACAACGTCGTCGTACTGGGCACCCAAT}$ AACGCAGGCCATACTCTCGTAATCAACGGTGAAAAAACCGTTCTCCATCTTATTCCATCAGGTATTCTCCGCGAGAATGT AACCAGCATCATCGGTAACGGTGTTGTGCTGTCTCCGGCCGCCGCTGATGAAAGAAGTGAAAGAACTGGAAGACCGTGGCA TCCCCGTTCGTGAGCGTCTGCTGCTGTCTGAAGCATGTCCGCTGATCCTTGATTATCACGTTGCGCTGGATAACGCGCGT GAGAAAGCGCGTGGCGCAAAGCGATCGGCACCACCGGTCGTGGTATCGGGCCTGCTTATGAAGATAAAGTAGCACGTCG AGTTGGTTAACTACAAAGCTGAAGCGGTTGATTACCAGAAAGTTCTGGATGATACGATGGCTGTTGCCGACATCCTG GTTCCGGCCTGGGCCCGCGTTATGTTGATTACGTTCTGGGTATCCTCAAAGCTTACTCCACTCGTGTAGGTGCAGGTCCG TTCCCGACCGACTGTTTGATGAAACTGGCGAGTTCCTCTGCAAGCAGGGTAACGAATTCGGCGCAACTACGGGGCGTCG TCGTCGTACCGGCTGGCTGGACACCGTTGCCGTTCGTCGTCGTGCGGTACAGCTGAACTCCCTGTCTGGCTTCTGCCTGACTA AACTGGACGTTCTGGATGGCCTGAAAGAGGTTAAACTCTGCGTGGCTTACCGTATGCCGGATGGTCGCGAAGTGACTACC CGTGAAAGATCGTAGCGGCCTGCCGCAGGCGGCGCTGAACTATATCAAGCGTATTGAAGAGCTGACTGGTGTGCCGATCG ATATCATCTCTACCGGTCCGGATCGTACTGAAACCATGATTCTGCGCGCACCCGTTCGACGCGTAATTCTGGTACGCCTGG CAGATATTTTGCCTGCCGGGCGAACAGTGTGATACATTGCTGTGTCGGGTAAGCCATTACGCTATCCGACACAGTGTTAA ATCCTCGCTTTTTTCCTTCCCCGAACTGAAATAAATTAGCGACACAGCTTGTGGCTGGTTTATCATCAATATAAATGTAT TTTTTCCCGATTTCCCTTTTGAGGTTGATGTGCAGTTAACGAGTTTCACTGATTACGGATTACGTGCGCTGATCTACATG AATAATCAACTAGTCGTGCCGGCTACGTGACTGCTGTTCGTGGAAAAAATGGCGGCATTCGCCTGGGTAAACCGG
ATTACACCTGCCTGTAGGTTGAAACAGGCACTTTCTAAGGCCGTGCAAAGTTTTCTTACGGAACTGGATAACTACACGCTTGCCGATTTGGTTGAAGAGAATCAACCGCTTTATAAATTATTGCTGGTGGAGTGACGAAAATCTTCATCAGAGATGACAA TTATCCTCGAACATTTAACCAAACGTGAAAAACCGGCCAGCCGTGATGAGCTGGCGGTAGAACTGCACATTGAAGGCGAA GAGCAGCTTGAAGGCCTGCGTCGCCGCCTGCGCGCGATGGAGCGCGATGGTCAACTGGTCTTCACTCGTCGTCAGTGCTA TGCGCTGCCGGAACGCCTCGACCTGGTGAAAGGTACCGTTATTGGCCACCGTGATGGCTACGGCTTTCTGCGGGTTGAAG GGCGTAAAGATGATTTGTATCTCCCAGCGAGCAGATGAAAACCTGCATTCATGGCGATCAGGTGCTGGCTCAGCCGCTG TCATGGGCGCGCGGATGGGCTTTGTGGTCGTAGTCGAACTGACTCAGCGTCCGACTCGCCGCACAAAGCGGTGGGTAAA ATCGTCGAAGTGCTGGGCGACAATATGGGCACCGGCATGGCGGTTGATATCGCTCTGCGTACCCATGAAATTCCGTACAT  $\tt CTGGCCGCAGGCTGTTGAGCAACAGGTTGCCGGGCTGAAAGAAGAAGTGCCGGAAGAAGCAAAAGCGGGCCGTGTTGATC$ TGCGCGATTTACCGCTGGTCACCATTGATGGCGAAGACGCCCGTGACTTTGACGATGCAGTTTACTGCGAGAAAAAACGC GCGTAACCGTGGCACGTCGGTGTACTTCCCTTCGCAGGTTATCCCGATGCTGCCGGAAGTGCTCTCTAACGGCCTGTGTT TTCTACGAAGCGGTGATGAGCTCTCACGCGCGTCTGACCTACACCAAAGTCTGGCATATTCTGCAGGGCGATCAGGATCT GCGCGAGCAGTACGCCCCGCTGGTTAAGCATCTCGAAGAGTTGCATAACCTCTATAAAGTGCTGGATAAAGCCCGTGAAG  AGCGAAAGAACCGGCACTGTTCCGTATTCACGACAAGCCGAGCACCGAAGCGATTACCTCTTTCCGTTCAGTGCTGGCGG A GCTGGGGCTGGAACTGCCGGGCGGTAACAAGCCGGAACCGCGTGACTACGCGGAGCTGCTGGAGTCGGTTGCCGATCGT $\tt CCTGATGCAGAAATGCTGCAGAAACCATGCTGCTGCTGCTGCTGATGAAACAGGCGATTTACGATCCAGAAAACCGTGGTCACTT$ TGGCCTGGCATTGCAGTCCTATGCGCACTTTACTTCGCCGATTCGTCGTTATCCAGACCTGACGCTGCACCGCGCCATTA AATATCTGCTGGCGAAAGAGCAGGGGCATCAGGGCAACACCACTGAAACCGGCGGCTACCATTATTCGATGGAAGAGTG TGGACGACTTGTTCATTGATGGTCTGGTCCATGTCTCTTCGCTGGACAATGACTACTATCGCTTTGACCAGGTAGGGCAA  ${\tt CGCCTGATGGGGGAATCCAGCGGCCAGACTTATCGCCTGGGCGATCGCGTGGAAGTTCGCGTCGAAGCGGTTAATATGGA}$ AAAAAGGCGATGCAGGTAAAAAAGGCGCCAAGCGTCGTCAGGTCGGTAAAAAGGTAAACTTTGAGCCAGACAGCGCCTTC AATAGCTGCAGCGACCAAAGCGAAGCGTGCGGCGAAGAAAAAAGTGGCAGAGTGATCAATACCCTCTTTAAAAGAAGAGGG GTTAGATTGCTGACAAAATGCGCTTTGTTCATGCCGGATGCGGCGTGAACGCCTTATCCGGCCTACATAATCACGCAAAT TCAATATATTGCAGAGATCATGTAGGCCGGATAAACGTAGTGCATCAGGCAAAACGTAAACAACGAGTACATTAATGAGC GAAATGATTTACGGCATCCACGCAGTGCAGGCCCTGCTGGAGCGCCCCTGAACGTTTTCAGGAAGTCTTTATTTTAAA  ${\tt AGGCCGTGAAGATAAACGTCTGTTACCGCTGATTCACGCCCTTGAGTCTCAGGGCGTGGTTATCCAGTTGGCAAACCGCC}$ AATATCTCGACGAGAAAAGCGACGGTGCCGTGCATCAGGGCATTATCGCCCGCGTGAAGCCAGGACGTCAGTATCAGGAA  ${\tt AACGATCTGCCGGATCTGATCGCTCGATCAACCGTTCCTGCTGATCCTCGACGGCGTAACCGATCCGCACAACCT}$ TCCCGATGGCTGGAAGCGTTTCTTCCCTGAACGTTTCGGTTGCGACCGGAATTTGCTTATTTGAAGCGGTGCGCCAGCGC TTGCAAATATTCATTTATTAATATTTAAACTTAATCTATATGGAATAATATATGGCATGGAATCCGTTGGCGCTAGCGA GGCGATTTGCAAATCAATATTCTTTTTACTTCCCGCCAAATGATTATCGAAACCTTTATTTGTCCGGTGAGTAGTATCAG AACAGGAAGAGTATTACATTGTTTTCGGGGCGTTATCGCTTAAATCTTCTCTTGAAGATATCCTGCTTGAGATAACCTCG TTTAAAAAGTTTATTTACGCTGGGGAAATCGTTTATCTCCCAGGCGGAAGAATCCATTGAAGAAACCCAGGGCGTGCGCA TGCTGGAACAGCATATTCGTGACGCTAAAGCTGAACTCGATAAAGCCGGAAAATCTCGCGTTGATCTGCTGGCGCGGGTG GAACGTTAATCCGTCGTTGATTAACGAAGTTGCTGAAGAAATCGCGCGCCTTGAGAATCTCATTACCGCTGAAGAGCAAG TGTTGTCGAATCTGGAAGTCTCCCGTGATGGCGTGGAAAAAGCAGTTACAGCGACAGCGCAGCGTATCGCTCAGTTTGAG  ${\tt CAGCAAATGGAAGTCGTTAAAGCCACTGAAGCCATGCAGCGTGCACAACAGGCTGTAACAACCTCTACCGTTGGCGCATC}$ TTCCAGCGTTTCGACAGCGGCAGAATCCTTAAAACGCCTGCAAACGCCTCAGGCCGAACGTCAGGCTCGCCTGGATGCTG  ${\tt CCGCACAGTTGGAGAAAGTCGCAGACGGTCGCGACCTTGACGAAAAGCTGGCGGAAGCCGGAATTGGCGGTAGCAATAAA}$ AGTAGCGCCCAGGATGTATTAGCAAGACTGCAACGCCAACAGGGCGAGTAATTTTTTTGCCAGCCTCGCTAAAAGGCTGG CAACTATTTTAAGGATAAAATATGTCTGGTTTTTTCCAGCGTCTGTTTGGCAAGGATAATAAGCCAGCTATCGCTCGTGG TCCGCTGGGACTTCATCTCAATAGTGGCTTTACGCTCGACACGTTAGCGTTTCGTTTGCTGGAAGATGAATTGCTGATTG ACTTCAGGCGATGAGTTTCTGCAAATCAATACCACCGGCGGCGAAGATATTGATGACATTGATGATATCAAGCTCTTTGT $\tt CTATGAAGAGAGCTACGGTATCAGTAAAGAGAGTCACTGGCGCGAGGCGATCAACGCCAAAGCGATGGGAGCAATGACCT$ TAAACTGGCAGGAAAAACGCTGGCAGCGATTTTTTAACAGCGAAGAACCGGGAAATATCGAACCCGTCTACATGCTGGAA AAAGTAGAAAATCAAAACCATGCCAAATGGGAGGTCCATAATTTTACCATGGGCTACCAACGGCAAGTAACCGAAGATAC GTGTCGATATCCCGCTGACATCACTTCATATTATTGGTTAATTACAAGGACGTTTACAATGCATATACTGGATTCACTTC TTGCCTTTAGCGCCTATTTTTTATTGGCGTGGCTATGGTGATTATTTTTCTGTTTATCTATTCTAAAATTACACCGCAC  $\tt CTTATCCAGTGCGGCAATCAATGCGGTGAGTATTCCAGACTATTTCGCCTGGGGCGGGATTGCACTGGTGATTCAGTTAC$ TCGTTTTTGCTGGTGTCAGACTTTATATGCCCGCATTAAGCGAAAAATTATTAATCACAATACCGCAGCAGGAATGTTT ATGGGAACCGCCGCGCTGGCTGGCGGTATTTTTAACGCAGCTTGTATGACATGGTAATGGACGATCATGGCCAGAAAACG  ${\tt CAAATCAAGAAATAACAGTAAAATTGGTCACGGAGCGATTAGTCGCATTGGTAGACCGAATAATCCTTTTGAACCGTGCC}$ GCAATCGCTACGCACAAAAATACTTAACGTTGGCGCTAATGGGCGGTGCCGCTTTTTTCGTATTGAAAGGTTGTAGCGAT AGTAGCGATGTCGATAACGACGCGACGGAACGTTTTACGCGACAGTGCAGGATTGTATTGATGACGGTAATAATGCCGA CATTTGCGCGCGTGGCTGGAACACGCCAAAACGGCATTTTATGCCGATGTTCCGAAGAATATGACTCAGCAGAACTGTC AGTCTAAGTACGAAAATTGCTACTACGACAATGTTGAACAGAGTTGGATCCCGGTCGTTTCTGGATTTTTGTTAAGCCGG GTTATTCGTAAAGATCGCGATGAGCCGTTTGTTTATAACAGCGGCGGTTCCTCTTTTGCTTCGCGCCCAGTCTGGCGCAG ACGTTCCTGTGCGACGGGATCTGGACCAGATCGCCGCTGACAACGGTTTCGACTTTCATATCATCGACAATGAAATCTAT TGGGATGAGAGTCGGGCTTACCGTTTTACTCTGCGCCAGATTGAAGAGCAGATCGAAAAACCGACTGCGGAACTGCATCA GATGTGCCTTGAGGTGGTGGATCGCGCGGTAAAAGATGAAGAGATCCTGACGCAACTGGCGATCCCGCCGTTGTACTGGG TGCCCGGCGCAGCGCATTATTCCGCGTGATGCCGATCAGTACAATGCTATTCAGGAACGCCTGATTTCACGCTTTAGCG AGCTTTACAGTCGGGAACCGTTTTATTTTTGCTGCTGTCAGGACACCGATGAAGACAGGAGTACCGTGCTGTACTTGCAG GACTGCGCCCAGCAGGCAGGCAGGAGTCGCGGTTTATCTACATTGAAGATCTCGGTTTGGGCGTCGGCGGCGTACTGAC CGATCTTGATGATAATGTCATCCAGCGTGCATTTAAGCTGTATCCGCTGGAGTGGATGATGCGTGACGATAACGGTCCGC TGCTGCGCAAGCGTCGCGAGCAATGGGTGGAGCCGTTATGGAAAAGTATCTTGAGTAATAAAGGGCTAATGCCGCTGCTT TGGCGCTTCTTCCCTGGTCATCCTAATCTTCTTGCGTCCTGGTTCGATGGCGAGAACCGCAGATTGCCGCTGGCGAAAG CTGATGGTGATTACGCCGATGAACCGATGATCTACCAGGCGTTTCAACCTCTGCCGCGGTTTGGCGATAGCTACACACTC ATCGGTAGCTGGATTGTCGATGATGAGCGTGCGGAATGGGGATCCGTGAAGATAACACACTGATCACCAAAGACACCTC ACGTTTCGTTCCGCATTACATTGCTGGATAAGAATGTTTTAGCAATCTCTTTCTGTCATGAATCCATGGCAGTGACCATA ATTGCGCTACGATGCGCAAGGACGCCGTCTGGACGATGTGCGTTTTCACCCCGCCTGGCACCTGCTGATGCAGGCGCTAT TTACATGCGCAGGTTGAGGCAGGGTCGTTATGTCCGATAACCATGACCTTTGCCGCCACGCCATTGTTGTTACAGATGTT GCGGTTTGTTGATTGGCATGGGAATGACGGAAAAGCAGGGCGGTTCCGATGTTATGAGCAACACCACCCGTGCAGAGCGT GCAGACCGCGGTTGTCTGTCTTTTTTTGTGCCGCGCTTTTTTGCCTGACGCGACGCAACGCAACGCATTCGCCTCGAGC GATGCGCCGTGCATTTTCGCTGGCGATTTATCATGCACATCAACGCCATGTTTTTTGGTAATCCATTGATCCAACAGCCCC TTATGCGTCATGTCTTAAGTCGCATGGCACTTCAGCTTGAAGGGCCAAACGGCGTTGCTGTTTCGTCTTGCGCGAGCGTGG TATGCCGTTTGTGGCCGAAGCGATGGAGGTGCTGGGCGGCATTGGTTATTGCGAGGAGAGTGAGCTGCCGCGGCTTTACC  $\tt GGGAGATGCCGGTAAACAGTATTTGGGAAGGTTCCGGCAATATTATGTGCCTGGATGTTGTGCCGTTCTCAATAAGCAA$  TTTACAGCAGCAGCTGCGTAAGCCAGCTGAAGAACTGGGGCGAGAGATTACTCATCAGCTATTCCTGCTGGGCTGCGGTG CGCAAATGTTGAAATATGCTTCTCCGCCAATGGCGCAGGCGTGGTGTCAGGTGATGTTAGATACGCGCGGCGGCGTACGG GCTGGTTTCGATTAACTAAATGAAATATGTGAAAATTGTAGGCCGGACAAGGCGCTCGCGCCCCCCATCCGGCATTGTTCAT TTGCTGTAGATGACACTCATGCATACAGTATCGCCTGTACGCGCCAGTTATCAGGCTGCTGGTCTTCGTACATGGTAATA ATGCGGTACCATGACGCACCTTGTTCATCGGCCTTTAACGCCACGATACGTTCCACGTCCTGCGGATCCCCTGAAATATT GCTAACTGAGATCTGACCTATTTCATTCAGGCCCGTCACGCAGTCAGCACTGGCGAATTCTGCAGACTGTGCCGTGGCGC TGTTGCAGGGCATTCCATCGCGGTAATAAACGCCCAGGCTTCCAGCCGGTAATTTATTGTGCACAGGTAAACGCATAGGG GTCACGATGGTTTCGTCCACCATGACGACAACGTAATAATCAGCTTTTGCAGCGACAGCTTTCGCTTTGATTTCTGCTAA TGCGTCATCCGGAGAACCCCGAACCATCGTGCTTACGCTACCTATTCGCTGTAACCCTTGCGTCTGGTCGCGGCGAATCT CTTGCGGATGGTCCGTTACTGCGGTGCTGGCTGTGGCGTACCTTGCAGTGCGCTACAGGCACTTAACATCAACACCAAT AATAAACTGGCAAACCGGTAAATAACGCTATTACGTTTCCTGCTAACCATAGTGTAGTGCCTTATTAATTTAACTTTGGG GGAATGTTCCCGAATTGTTACCTGGTACGCGATTTTCGAATGAAAACGTGACGAAAGCGTAACCCACATCTCAACATTAT GAACTAATACCGCCAGCAGAAACTTGTGCTAAGGATTTCTTCATGTCATACCAGACAAAAAGGAGAGACAGATGATTGAA ATAGAATCACGCGAGCTGGCAGATATTCCCGTTCTTCATGCTTATCCTGTCGGGCAAAAAGATACCCCGTTACCGTGCGT AATTTTTTATCACGGCTTTACTTCATCCAGTCTGGTGTATAGCTATTTTGCCGTTGCGCTGGCGCAGGCTGGTTTGCGGG TGATCATGCCGGATGCGCCCGATCACGGTAGCCGTTTTAGTGGTGACGCAGCGCGGCGGTTAAATCAATTCTGGCAAATC  $\tt TTGCTACAAAGTATGCAGGAATTCACTACTTTACGTGCGGCAATAGCCGAAGAAAACTGGCTGCTTGATGACCGTCTGGC$ AGTCGGTGGCGCGTCGATGGCGCGATGACGGCACTGGGGATTACCGCTCGCCACCCCACGGTGAGATGTACCGCCAGCA TGATGGGATCGGGCTATTTTACATCACTCGCCCGTTCACTGTTTCCACCGCTGATACCTGAAACGGCAGCACAGCAGAAT GAATTCAATAACATTGTCGCGCCACTGGCAGAGTGGGAAGCGACAAACCACCTGGAACAACTTAGTGACAGACCTCTACT GCTGTGGCATGGCCTCGACGATGACGTTGTGCCTGCCGACGAATCACTACGTTTGCAGCAGGCCTTAAGCGAGACGGGAC TTTTTCCGCCAGCATCTTTAAACACGCAGAATGCTGACCCCTTGCGCTTCCAGTTGTTGCAGGATTTCCGGGTTAGCATT  $\tt CCAGTACCACCAGTTTCCCTACCACGCTCAGCATCTTCTGCTCTGCCATTGCTGTCAGCATATCGGTTTTATACAACCCT$ TCTGCGGTCAGCCCTTTTCCGCTGGTAAACATCCAGTGCCCGGCATAGAGACTGTTTTCGCTGCCCTGCGGGCTTAAAGT GTAGATAATTAGTGATGATTTGCACTGGCTTGCCACACATTTCCCGCCCAAGCAGAAACGCGGTGGAGCCGCAGTTGATG  ${\tt CAGATTCATCGGCGTCCAGCGGGGCGCTGTTGGGTAATAGCTTCTGCGCCCATTGCGCACTTTTTTCAGTTTGCCGCTTT}$ CGTCAAGTTTATTGATATCGCGTCGCGCAGTGGCAGGCGAAATTCCCAGACGCTCAACGACTTTCTCAACGGTCACAAAG  $\tt CCCAATTGTGCGAGCATTTCCAGGAGGATTTGATGTCTTTGTGCTTCAGTCATGAGCTATTCCGATAAAATTTGATTTTT$ TTAGATGATATTTGAAATAGCCAGGAAATACTACGCCGGATAGCGCGAACTTCTCCACGCTACCCGGTATAAACGACAGA TTACAGGAATGACTTGAACGGCAGATCCGGTTCAATAGTGAAGCAATCATCGAAACCGCGCGGGATAGTGGTACTCGAAGT TGTCTTTATCCAGCGGCCAGGTAAATTTGCCACCCACCTGCCAGATAAACGGCTTGAAGCCATACTTCAGGCGATCTTTT TTCATCTCCCACAGCACGCGGATCTCTTGCGGATCGGCCTGGAAGTTTGACCAGATATCGTGGTGGAACGGGATCACTAC TTTCGCATTCAGCGCTTCACCCATACGCAGCATATCGGCGCTGGTCATTTTGTCGGTGATACCGCGCGGGTTTTCGCCGT ACGATCCTAACGCCACGTCGATCTGATGTTCGTTACCGTGCTTCGCATAATAGTTAGAGTAGTGGGGAGTCGCCGCTGTGA TACAGGGAGCCGCCAGGCGTTTTGAACAGGTAGTTCACCGCGCGATCGTCCATGCCATCTGGCAGTACGCCAGCCGCTTT  $\tt CGCCAGTACCGCGTCGATCTGGCGAATCGCAAACGGATCAAGAACAGGGGTGGTACGCAGGTTTGGCTGCAGTTTTT$ AAATCAACGCAAACGTTGGTGCCACCTTCCGATTTCAACCAGATCCCGGTGCAGCCAAGCCACCACATCGCAAATGTGCC GGGTGATACTTTTCACTTTACTCATCGCCATTTACCTTCATGATAGTTCAATTCGAATCAATATGTGATTGGTTTTGATT  ${\tt AATCCTGACACTATTTTTCAGGAAGGCAATGACCATTTTTTGACTTTTTGCCAGGGAAGTTGTTGTTGATTTTTGAGTAT}$ GGAAAGATTTAATGGAATGTGTAATTCAATTAACTAAATGAATTTAAATGGATAATTGTTTCGTTGTGTGAATCCCACTC GAGTGCACAACATTCCGGGTGTGTGGAATACCCGGTTACCTCTTCTTCAGGAGATCGTTATGGAGATCCTCTACAACATC TTTACCGTGTTTTTTAACCAGGTCATGACCAATGCCCCGTTGTTGCTGGGTATTGTGACCTGTCTGGGCTACATCCTACT TCCTCACCAGCACCTTCAAACCGGTGGTGGCGAAAATGTCCGAAGTCTACGGCATTAACGGCGCAATTTCCGATACCTAC GAACATCTGTTACGTGCTGTTGCGTCGCATTACCGGCATTCGCACAATCATGTTGACCGGCCACATCATGTTCCAGCAGG  ${\tt
CCGGGTTGATTGCCGTTACGCTGTTTATCTTCGGCTACTCCATGTGGACCACCATTATCTGTACCGCGATTCTGGTTTCG}$ TGGGGCTTTATGTGGGGCACCATCGGTCAGCTGATTGCGGTTGGCATCCTGGTCGCCTGCGGCTCCTCGATCCTGATTAT TGAAGATTTGTCTGGTGATGGGGATGATCGAAATCTTTGGTTGCGTCTGGGCGGTGAAACTCACCGGTATGAGTGCCTGG ATGATCATGAAGATGAAAGTGGACCAGTTTTTAACCCAATCAAACATTGACCATACGGTAAACAGCTGCGCGGTTGGCGA GTACAAAAGCGAGTTGAGTGGCGCGGATATCATCATCGCTTCTACGCACATTGCGGGCGAAATCACCGTGACCGGCAACA AATACGTGGTTGGCGTGCGCAACATGCTCTCTCCTGCCGACTTTGGCCCGAAACTGCTGGAAGTGATCAAAGAGCATTTC AGCAGAGACATGGCAGGAAGCGGTGAAAATCGGCGTTGACCTGCTGGTGGCGGCAGATGTGGTAGAGCCGCGTTACTACC AGGCGATTCTGGATGCCGTTGAACAGTTCGGTCCTTATTTCGTTATCGCTCCGGGCCTGGCAATGCCGCACGGGCGTCCG GAAGAGGCGTTAAGAAAACCGGTTTCTCTCTGGTAACGCTGAAAAAGCCGCTGGAGTTCAACCACGATGACAACGATCC GGTGGATATCCTCATCACCATGGCGGCGGTCGATGCCAATACTCACCAGGAAGTGGGCATCATGCAGATCGTCAACCTGT TTGAAGATGAAGAGAATTTTGACCGTTTACGCGCCTGCCGTACCGAGCAGGAAGTACTGGATCTCATTGACCGCACCAAC GCGGCAGCTTAAGAAGGAATTGAACATGTCATTACCGATGTTGCAAGTCGCGCTGGACAACCAGACTATGGATAGCGCCT GCGGTTCGTGACCTGAAAGCGCTCTACCCGCACAAAATCGTACTGGCAGACGCCAAAATTGCCGATGCAGGCAAAATCCT TTCGCGTATGTGCTTCGAAGCCAACGCTGACTGGGTGACGGTAATTTGCTGTGCGGATATCAACACCGCCAAAGGCGCGC TGGACGTGGCAAAAGAGTTTAACGGCGACGTGCAGATCGAACTGACCGGTTACTGGACCTGGGAACAGGCGCAACAGTGG TGTTCAAGGGTATTCCGATTCACGTCTTTATCGCGGGCCGTAGTATCCGTGATGCCGCTTCTCCGGTGGAAGCCGCACGT  ${\tt CAGTTCAAACGTTCCATCGCTGAACTGTGGGGCTAAGGAGCGGATATGTTGTCCAAACAATCCCGCTTGGCATCTATGA}$ AAAAGCGCTCCCCGCCGGGGAGTGCTGGAACGCCTGCAACTGGCAAAAACGTTAGGCTTCGATTTTGTCGAAATGT CGGTAGATGAAACTGACGATCGCCTGTCGCGCCTCAACTGGAGCCGCGAGCAGCGTCTGGCGCTGGTCAATGCGATTGTT GAAACCGGCGTGCGCGTCCATGTGCCTTTCTGCTCATCGTCGTTTCCCGCTGGGCAGTGAAGATGACGCGGTGCG GGCGCAGGGGCTGGAGATTATGCGTAAAGCTATCCAGTTCGCCCAGGATGTCGGTATTCGCGTGATCCAGCTGGCGGGCT  GCACTATCTCAACAATCCGTGGTTCCAGCTCTACCCGGATATCGGCAACCTGTCGGCGTGGGACAACGATGTGCAGATGG  ${\tt AGTTGCAGGCCGGAATCGGGCATATCGTCGCGGTACATGTGAAAGACACCAAACCTGGCGTCTTCAAAAACGTGCCGTTT}$ GGCGAAGGTGTAGTGGATTTCGAACGTTGTTTCGAAACGCTCAAACAGAGTGGCTATTGCGGGCCGTACCTGATTGAGAT GTGGAGCGAAACGGCGGAAGACCCGGCGGCAGAAGTGGCGAAAGCGCGTGATTGGGTGAAAGCGCGCATGGCGAAAGCGG GCATGGTGGAGGCGCATAATGCAAAAGCTAAAACAGCAGGTATTTGAAGCCAACATGGAGCTGCCGCGCTACGGGCTGG TGACCTTTACCTGGGGCAACGTCAGCGCTATCGACCGCGAACGCGGGCTGGTGGTGATCAAGCCCAGCGGCGTTGCCTAC GAAACCATGAAAGCGGCCGATATGGTGGTGGTTGATATGAGCGGCAAGGTGGTGGAAGGGGGAGTATCGCCCATCTTCCGA CACTGCGACGCATCTCGAACTCTACCGTCGTTACCCGTCGCTTGGTGGCATTGTCCATACCCACTCCACTCATGCCACCG  ${\tt CGCGGGTTAAGCGAAGAGAGGTGCAGGGCGAGTATGAACTGAACACCGGCAAAGTGATTATCGAAACGCTGGGCAACGC}$ ATAACGCGGTGGTGATGGAAGAAGTGGCGAAAATGGCGTGGATTGCCCGCGGCATTAACCCACAACTCAATCACATCGAC AGCTTCCTGATGAATAAACACTTCATGCGTAAACACGGTCCTAACGCTTATTACGGGCAGAAGTAGAACACGCGCTGCGG AAACTATGGCAATGTTTCGTTGGTTATACCTGGTGCTAGCGATAAATATCCGCGCTGGCGTGCATATTGCCGTTACTCCC  ${\tt CGGTTCCCGCATCAGAATTACGTGGTAGTACGTTGCGCCTTGCGCATCTGTTTCTTCATTTAATGCCTGACGTGCTTCGC}$ TTTCAGTGGCGAAATTATGATTGATATAAATCACGCCTAAGCTTTGCACATCGTCCATATTTCTGGCCTGGTGGTTATTA ATTTCAATGGCTGCCCATGTATTTGCACTTAGCAAAAGCACAGCCAGAAGGGCTAAAACACGACTGAACATAGATACCTC CTCGACGGCTGACTTTGTGTGCTCTCTCTGTGATGATCTTCTGATTTAATCTAATCAATGATAAAGAAGTTGATGGTG ACCATTTCTGATGCAGTTGTTCAAAAAAACACCATGATGAAGTGTGATGAACTTCAAATCAGCGTGTTAGAGGTTAATTG CCTTTAACACGTTCCTTGCCTCCCGGGATTCGGCTGACCCAGACAGGAGGCTGAATAATCCGTAAGGAGCAATTCGATG GATGCCGTTATCCGCAGCATGGTTATGCGTACCAAGCACGCTGTTACCGAAGCATCTCCGATGGTTAAAGCGAAAGACGA TGACCAACCGTCTGGTGTTGTCCGGCACCGTGTGCAGGGCTCCCCTTCGAAAGGTCAGTCCATCAGGAATTCCTCACTGC  ${\tt CAGTTCGTGCTGAGCATCGTTCTGTGCAGGAGGAGCCGGCTTTCACCGGCAGGCGTGTCAAATGCCCGTTATTGT}$  ${\tt TAGCGGACACGAAAACCAGGCCATTACTCACAGTATAACGGTCGCCATAACCGTTCAGGGGTTCATTTCATGCC}$ ACAAGGCAAAGAACGGACTGAGCAAAATGGTTTTGCATGCCGAGCAGATTGAATTGATAGATTCTGGAGACTAGCCATAT GGCACGTTATTTCCGTCGTCGCAAGTTCTGCCGTTTCACCGCGGAAGGCGTTCAAGAGATCGACTATAAAGATATCGCTA CGCTGAAAAACTACATCACCGAAAGCGGTAAGATTGTCCCAAGCCGTATCACCGGTACCCGTGCAAAATACCAGCGTCAG TTAATACGACTTTGAGAGGATAAGGTAATGCAAGTTATTCTGCTTGATAAAGTAGCAAACCTGGGTAGCCTGGGTGATCA GGTAAACGTTAAAGCGGGCTATGCTCGTAACTTCCTGGTACCGCAGGGTAAAGCTGTTCCAGCTACCAAGAAAAACATTG AATTCTTCGAAGCTCGTCGCCTGAACTGGAAGCTAAACTGGCTGAAGTTCTGGCAGCTGCTAATGCTCGCGCTGAGAAA ATCAATGCACTGGAAACTGTTACCATCGCGTCTAAAGCTGGCGACGAAGGTAAACTGTTCGGTTCCATCGGTACTCGCGA  $\tt CTGGCGAACACGAAGTGAGCTTCCAGGTTCACAGCGAAGTATTCGCGAAAGTGATCGTAAACGTAGTAGCTGAATAATTC$ GTTATTCAACGAGACGTAAAAACGCCGACCATTGGTCGGCGTTTTTGCTTTCTATTTTTCGTCAGGTATTAGTTTCGCAAG TCGCTCCTGCGCCACTCGCTCGAAACCCAAACCCGAGTAGATTGCGGCTGAACTTGATAAGGAACGCAGACCAATTTTCA AATCATGGGGTAAATCAGAATACGCGTTTAGCAATGCAGCAATGATGAATCCGAGGGCATTAGAAACGCCTGTAACAGTG  $\tt CGAAGTTGGTCGATATAAAGATCGATTGTTGGTAGTTCAGATGACCAGCAATTAGGCATTTGGGCAGGAAGGGTTACAAC$ GTATCCTATCGTTTGGCCGGTATAGTCTGGAGTACCATAACCAGGTCCCAAAACCACTTCGTGTATTGTGTATTTACTGT TGGGTTCGAAGGATTCGACATCTTGCAATAAATATTTCAGTTCTGCGGTTAACCTCGCACCCGCGTAAGCTTTATTGTAT  AGCATTACACCTCGTCGCTAACTTATTGAATGCTTGCCAGTCTGAGAGATCTAGTTTGTGGATCTCAACAGTACGTCTGC GAAAATAGCGGATGGTGAAAGATATTAATATCAAAAATCGCTCATTATGGATATAACGATGCACCCGGGGAGAAAATGAC TTCCACGCCTTACACCGTACATTCTTGTTGTGCGGTATGTAATTATTCTACGCTGTCGGTATCGGTGTATTCGTTAATCA  $\tt GCAGGTTAGCCAGCCACAAAAAGCCATTGAGAAAATTATTGATTTTACATGGGATTATTATATTGCTAATCCTTGGTTTT$ TAAAAATTGTGCATAGTGAAAATCAAAGTAAAGGTGTGCATTATGCAAAATCACAGCGTCTCTTAGAAATTAACCATGCG CACTTGCAGTTAATGGAATCCTTATTGGATGAAGGGAAGAACACACATATTTTTAAGCCAGATATCGACCCATTGCAGGT GAATATTAATATTGCTGCGCTTGGCGGATATTATTTGATCAACCAGCATACGCTTGGCCTGGTTTATCACATCAGTATGG  $\tt TTTCACCCCAGGCACTGGAAGCCAGACGTAAGGTCATCAAAGAGACAATCCTTAGCTGGCTTTTGGTTGACCCTTCATCT$ GTCACCACGCCGCTGGCGTTCTGGCGGATTTTCACCATCTGCCCGTTTTTGCAAATTACTCAGCGGCTTACCCGCGCCTTC GGCTGGCCTTCCTGTATAGGTTCTGGAGCGACCGGAGCCACCTGATCAGGATCATTTTGTGGGGTAACTAATTGCGCCCG TATCATCAGATGGAAGCAGAAATCCGACCACTATACAATGCGGCGGCAATAATGATCCCCCGACGATGCATCGGCGGCAGC TTCCTCCTGCTCCGCGTCTTGTTCCTCAATCATAGCCTATGAATAAGCTAACGCTATGATGTCCGTGGTAAACCCGCCTT TATTATATTCATACGGGATATTGCTATTGTTTCTTTTTCCCTGGGATTTGTCATCATCCCGCGACAAAGTTTTACCCAA AGAAGTGTGGCTGATATGCTGCCCGCTACTTTATACCCTAAGAAAGGAAATACGATGACCACCCCAACTTTTGACACCAT CGAAGCCCAAGCAAGCTACGGCATTGGTTTGCAGGTAGGGCAACAACTGAGTGAATCTGGCCTGGAAGGGCTGCTGCCAG AAGCACTGGTTGCAGGTATTGCCGATGCGCTGGAAGGCAAACATCCGGCTGTTCCGGTTGATGTGGTGCATCGCGCGCTG AGAAAACGCCAAAAAAGAAGGTGTGAATAGCACCGAATCTGGCCTGCAATTCCGCGTGATCAACCAGGGTGAAGGCGCAA TTCCGGCACGTACCGACCGCGTTCGTTCATTACACCGGTAAACTGATCGACGGCACCGTGTTTGACAGCTCCGTTGCT  $\tt TGGTGTTTGAAGTCGAACTGCTGGAAATCCTCTAAGCAGCGCATTCTGTTCCCCTCGAACGAGGGGGAGCAGGCATTCAGTGTTTCAGTGTTTCAGTGTTTCAGTGTTTCAGTGTTCAGTGTTCAGTGTTTCAGTGTTCAGTGTTCAGTGTTCAGTGTTCAGTGTTCAGTGTTCAGTGTT$ GCAATAAACCCTTCAGTTTGCCAAACGGCGCTATTTTGTGTTGCCAAAGACCCCGTAAGCGTGTATTTTTGTGAGCTGTTT CGCGTTATCACCGTGATATGACACTCACTTTAAACATAAAATTAACATTAGATCTAAATCTTAGTATTCATCCCGCGTAT GACAGGTACAGGAAGAAAAAAACATGGTAGATCAGGTAAAAGTCGTTGCCGATGATCAGGCTCCGGCTGAACAGTCGCTA  $\tt CGGCGCAATCTCACAAACCGACATATTCAGCTTATTGCCATTGGCGGTGCCATTGGTACGGGGTTGTTTATGGGGTCTGG$  $\operatorname{\mathsf{GGATATTCACCGGCTGGACTTACTGGTTCTGCTGGGTTGTAACCGGTATGGCAGACGTGGTGGCGATCACGGCTTATGC}$  $\tt CCGTGAAAATGTTCGGTGAGATGGAGTTCTGGTTTGCGATGATCAAAATCGTCGCCATTGTGTCGCTGATTGTCGTCGGC$  $\tt CTGGTCATGGTGGCGATGCACTTTCAGTCACCGACTGGTGTGGAAGCGTCATTCGCGCATTTGTGGAATGACGGCGGCTG$ CAACAGCTGCGGAAACCAAAGATCCAGAGAAATCACTGCCACGCGCGATTAACTCCATTCCGATCCGTATCATTATGTTC TACGTCTTCGCGCTGATTGTGATTATGTCCGTGACGCCGTGGAGTTCGGTAGTCCCGGAGAAAAGCCCGTTTGTTGAACT GTTCGTGTTGGTAGGGCTGCCTGCCGCAAGCGTGATCAACTTTGTGGTGCTGACCTCTGCGGCGTCTTCCGCTAACA  ${\tt GCGGCGTCTTCTCTACCAGCCGTATGCTGTTTGGTCTGGCGCAGGAAGGTGTGGCACCGAAAGCGTTCGCTAAACTTTCT}$  ${\tt AAGCGCGCAGTACCCGCGAAAGGGCTGACGTTCTCGTGTATCTGTCTCGCCGGCGGCGTGGTGATGTTGTATGTGAATCC}$ TAGTGTGATTGGCGCGTTCACGATGATTACAACCGTTTCCGCGATTCTGTTTATGTTCGTCTGGACGATTATCCTTTGCT CGTACCTTGTGTATCGCAAACAGCGTCCTCATCTACATGAGAAGTCGATCTACAAGATGCCGCTCGGCAAGCTGATGTGC TGGGTATGTATGGCGTTCTTTGTGTTCGTGGTCGTGTTGCTGACACTGGAAGATGACACTCGCCAGGCGCTGCTGGTTAC  $\tt CCCGCTGTGGTTTATCGCGCTGGGGTTGGGCTGGTTTATTGGTAAGAAGCGGGCTGCTGAACTGCGGAAATAACCGC$ TCCAGACTGATGTGATCCATCAGGTCATCAATCAGTTCATTAATGCCGTTATACATCGCTTTCCAGGTGGTGCAGGCTTC TGGCGGCGGTGTGACGTTATTGGTGGTGTTTTAATCACTTCCAGCAGTTCGCCCGCTTCATCGTGCTCGCTTTCCATTA GACTTTAGTCGCTTGCAGAATCAGCTCCGGCAGTTGCTCGCGGTGACGATCGTGGTAGCGCACGATGATATGGTCGATGA TTTCTGCCAGCGGGGCCTACGCCAGTCTTTCTCAATCGGTTGTTCAGCGAGCTTTGCCAGTTCAGCTTCAATGACCTCA ACATCCAGTTCTTTACGTGCCGCCGCGCGCGCGCGCTCTGCTTACCGCCACAGCAGTAATCCATATCATATTTACGAAA  $\tt
CAGAGCTGAAGCGCGAGGAATAGAGAGCGCCAGTTCACCTAAAGGTTGGTCGCGATAAGCCATAGCTGATACCTCATTCT$ TAATAAGATAAGATGTATTTTAAATGCATCTTTAAGGCAAAAGCTATAACCCTTACGTAGCAGAGGCTTATTTAACTCAC TGCCAGCGTGTCAACTTTCTGAGACAGATTCAGTTAAAGGTTTTTCTGGTTTTGCTCTGACCGCGATGACCACGCCAATC ACTAACAGCGCGATACCGCTCAGCGTCATTAGCGGCGCATTTGCTGGCGGAGTAAAAAGGTGTACAGCAAACCTGCCAG GTTTGCGTATTCAGCCAGTAACAAGCGACGAGATAGCCGATAAGTGAAACCGGCAGTGTGACCAGCGCCTGCGCTGTTGC AAACTAACGCCAGCACGATGCCAGAGGTATAACGTGCCCAGTCAAAATCGGGGGAGTCCGTGGTTTAACTCAGCAATATTC ACACACGCCAGGCCGATGCCAATACAATCAGTGCTGGGGCGAGTTTTCCCCACGCGAGTTTGCCGTCGCGCTGGCTATA AAGCAGATTGGCAAAGACAGGAATGACCACCGGCAGGGTGCCGATAATCATCGTGGAAACAGGCGCGCAGTACGTTGAA TGGCACTGGCAAGGCAGAAGTAATAGATGAGGTTGCCCATCATAGTGAGCATCAAGGCGGTAAGCCAGTCGCGACGCCC AACTGACGCAGACGCACGCGTCCCAGCCAGGCAATGGGCAGCGCAATTAACCCTAACGCCAGATAACGCCCATCGACTG GCACGCCGCTAATCATTACTGGCATCCATTGATCTGTCAGAAGAAGTTCAGGAAGCAGACATGATTGCTCCCGGCATCC GCTAACGTTGTCGTTGGGTGGCCAATCAATTTGCTAAGTGTTTTTGCTGATCAAACAGACCGCCTTTCGATGCGCCAAC GTCAGAATCCGCCAGCATATCCGCCAGTCCGTCGGGCAGTCCGACGCTTTTCAGTGCCGCGGCGAAATCGGCTTCGCTCA GATTTTGATAGGTAACCTGTTTGCCGCTCTGTTTGGTCAGCTCTGCCGCTAACTGTGTCAACGTCCAGGCACTATCGCCC GCCAGTTCGTAAACCTTGCCTTCGTGACCGGCTTCGCTAATCACGCGTGCCGCAGCTGCCGCATAATCTGCCCGCGTTGC TGAGGCGATTTTGCCATCGCCGCCGCCCCACCGATAAATACGCCGTGTTCCAGTGCTGCCGGGGCGCTGGCGAGGTAGTTTT AATAACATTACGATGCTGCGGGGCACGTTGACCCACTTCGCTGGAAGAGATCAGCAGTAGTTTTTCCACTCCCTGAAGTG GGATTACGAACGATAGCCACTATTTGGCTGGCAGGAACCGTTTTCATCAAGGATTCAATAACATAGTGACCAAGTTGGCC TTAGTAAGTACGTACAAAAAGGTAAGTATGAAATGAGTCAGGTTAGCCTGTCGCAACAACTGAAAGAGGGTAATCTCTTT TAGAACAGGATGGTTTTCTTAACCGTATCGCGTATCCGGTGGTGCCGCCGCATGTGGAATATAGCCTCACGCCGCTGGGC GAGCAGGTGAGCGAAAAGGTTGCTGCACTGGCGGACTGGATTGAGTTGAGTTTGCCCGAGGTGTTGGCGGTGCGGGATGA ACGTGCGGCATAACTGCCGGATGCGCTGAGCTTATCTGGTCTACGGTGCATGGCTTGTAGGGCGGATAAGATGCGCCAGC TGATAAATCGCAAACCCGATATCATCGGTCGCGACTTTATTCATCGGATACTGCCCTTTCTCTTTAATAAACGCTGCGGC TTTATCTGACGGAGAGGTTTCGAAACGGATATCCAGTTTCTTATCGCCAGCTATCGGTGCTAAACGCCAGTTGTTATCTG  GCAAAAGCGATATGGCTGTCGCCCGTACCGGCAAATTTGCCGCCGTAAGCGCGATAGTTATTGGTGGCAACCAGGAACAT GGCGTTCGGATCAATCGGCTTGCCATTAAAGGTCAGGTTCTTAATCCTTTCCGCATTGGCATTAATCATCTGGCACTCGC TCCCAGTTGATGAGTGACTGTGTTTCGTGCTGTTTGGGATCAATCTGGTTAAACTGTCCCGCGGAGCACTCCAGCCACTC TTTCACCTCTTTACCGCTGGCTTTCACCACAATCAGCGTATTGGGATAGAGATAAAGATCGGCGGCATTACGGAAGGTCA GGTCGGATCGTCCTGCACCAGCGCCAGATAGCTATACATATTGTCGGCAGATTTACCGATTGGCTTGCTGACGAACTGGC GTGTGGCATCGTGATCGGCTTTGAGTGTTTCTACCAGCTTGCTGTCTTCCGCCGCGAGGGATTTTTTATTAGCGATGTCG TAAATCGGTCGTGCTTCCGCTTCCGCTGCGTCACCTGCCATTTACCGCTGTCATTACTGAGTTGTAAGTCGACCACACC AAGATGATCGCCCCACATGCCTGGCATTACCGCCGGAACACCATTCAGCGTGCCTTTGGCGATATCAGCCCCTTCGATAT TAAACTGAGTTTTCCGCCATCACTTTATACGGATCGGCAGATAGCCCGGAATGTGCCAGAACGACAACAACATCGGCACC TTTCTCGCGCATTTCAGGCACGTATTTGCGCACGGTTTCGGTAATATCATTCACCGTCACTTTCCCGGATAAATTAGCTT TATCCCAGCCCATGATTTGTGGTGGCACGACGCCAATATAGCCAATCTTCAGCGTCTGTTTTTTTCCGTCTTTATCGACC ACTTCGGTGTCTTTAATTAAATACGGTGTAAACATTGGCTGTTTGGTTCTGGCGTCAATGACGTTGGCATTTACATAAGG GAATTTCGCTCCTGCCAGCGCATTTTTCAGGTAATCCAGACCGTAGTTAAACTCGTGGTTGCCAAGCGTTCCGACGGTAT AGTCCAGCGTATTTAATGCCTTATAGACCGGGTGAATATCACCTGCTTTTAATCCTTTCGCCGACATGTAATCGGCCAGC GGACTCCCCTGAATCAAATCGCCGTTATCAACCAGTACGCTGTTTTTCACTTCATTGCGGGCATCGTTAATCAGGCTTGC  ${\tt CGTACGTACCAGTCCGAATTTTTCCGTGGCGGTGTCTTTGTAATAATCGAAATCCATCATGTTGCTATGCAGATCAGTGG}$ TTTCCATGATACGCAGATCGACCGTCGCTGCATTCACACTGGCGGCGAATCAGCGTGGCCAGGAGCGTTGCGCTAAACTTA TTATGCAGGTCTACGACGGGACGAAACCGATGGACGTCGTCAGCAAAGCGGACAATTCTCCGGTAACGGCAGCGGATATT GCCGCTCACACCGTTATCATGGACGGTTTACGTACGCTGACACCGGATGTTCCGGTCCTTTCTGAAGAAGATCCTCCCGG TTGGGAAGTCCGTCAGCACTGGCAGCGTTACTGGCTGGTAGACCCGCTGGATGGTACTAAAGAGTTTATTAAACGTAATG GCGAATTCACCGTTAACATTGCGCTCATTGACCATGGCAAACCGATTTTAGGCGTGGTGTATGCGCCGGTAATGAACGTA GCCGCTGGTGGTGATCAGCCGTTCCCATGCGGATGCGGAGCTGAAAGAGTATCTGCAACAGCTTGGCGAACATCAGACCA ATTTGGGACACCGCCGCTGGACATGCTGTAGCTGCAGCTGCCGGAGCGCACGTTCACGACTGGCAGGGTAAACCGCTGGA TTACACTCCGCGTGAGTCGTTCCTGAATCCGGGGTTCAGAGTGTCTATTTACTAAATTCAGATGGCAGAAACAGTGTATT ATTGCTAATAAGTTACATTTTAATAATGAGCGTTTTTTGATAGTTTACTTCTATAGTGAGATATTTAATGGCGACATAAA GTAACCAAATAAAATAAGGTTGTCATATGTTACCCAGGATCAGACACAATAATTTTATTGGTGCGGTGGAGTTATTTGTA  ${\tt GAATTATGATAGCCTGTTAACTTTGAGGGGAGTTCTTTCGTTGCGCAACTCAGATTGATAAAAGTGGTTATCAGGTGCTTT$ CATCAAAAAATGAAACTGTTCACGCCATGGATAAGTTTCTTATCAGTTTCAGCCTTAAAGATAACGGTGCCGAATATACA AAACCGTGAATTTCCGTTAGAACAAACAGACGATTGTATGCCTGGGATATTCTACAGAAAAAACAGTCTGACATACCGA  ${\tt AAAGGATTAAAGGTTATTCACCAGGCGATTGGTGACGTGTCTTTAGGTTATGCCTTATTGGAGGATATAGTAAGCAAA}$ AATTGATGATAATTTTGCCATAGTCATAGAATCTTTGGGCTTTGCGCTTAAAATCTATGGAGGGGATGAACGTTTTCGTA GAATTAGCCGAACAAGTGGATGCGATAGTAAGTGCGAATCTGGCCGCAGATAGCGATATTACCAAAGAAAAGATTTGCGA GAAATATAAATCGACCATTGAGGCCTTTAAAAAAGGCCAACTAGCGTTACCAGTATTAGTTCGGCGTAAGAACTCAGAGA  $\mathtt{CTTAATTCCCCTATCCCATAGATAACGATAGGGGAAAATTATTTTTTGCAGAATTTATGTTATTGCCATTATTTTGAGCAAC$   ${\tt TTTTGCAGCAGGTCCATCACTTGCTGCACCTCTTCCGGTGTGAGCGCCCCGTCTTTGGCCCCATTGCACGCGACCATCCTT}$ ATCCAGCACCACTACAGCGGAACTTTCTTCATCCAGCTGCCAGGCACCGAGCGCGACGCCATTGCTATCGACAATAAACT GCGACCAGGGATAAAGCTTTTTATTACTCTCCAGACTGCTGCGCACAAACATCCCTGAACCCGGAATCGCGTCGTCGGTG TTAACAATGGTGGTGGTCACGATCGTGCGGTAACTTCGCTGATTTAATCGCTTCAATCAGCGTCGCGTTTTTTCTCTAAACTGATCTTTATCAAGCACCAACTCGCCCCGATCGGTAATGCCAATCGGCGGCACTCGCTGACCGGTTTCGAACTGA TGTGCGGAAGCCATCATCGGCAACAGCAGGCAGGTGAGTGCCAGAATCTTGCGTAGGGTCATGGTGTTTCCTTCTTATGA TATGCAGGTGATCCGACCACTTGGGTCTGAGTTTTAATCATATGTGCTATTTATCGAATTTCCCGCAAGTGTGATGCCAG TTTGCGGTCAAGCGCACAAATCATATGAAAAATGAATGCTTATACTGAAGACCGCGCTTCGGTAAAAAGATAATTCTGAA TAATTGTAACCTTTAGGTAAAAAAAGTTATACGCGGTGGAAACATTGCCCGGATAGTCTATAGTCACTAAGCATTAAAAT TTGCGCCTCATAATAGTTGGGCCGATTGTGGCACCGCACAGGCGTAATACTCAGCAGGAGATAACAATGAAAATTTTCCA  ${\tt ACGGTACAACCCACTTCAGGTGGCGAAGTACGTAAAGATCCTGTTCCGTGGACGGTTATACATCAAGGACGTTGGCGCTT}$ TTGAATTCGATAAGGGTAAGATTCTTATCCCAAAAGTGAAGGATAAGCTGCATTTGTCAGTGATGTCCGAAGTTAACCGT  ${\tt CAGGTTATGCGTCTGCAAACAGAGATGGCTTAACCAAAGTGCTATGCAGTAAAAAGTGCTATGCAGTAATAAGACGGCTC}$  ${\tt AGGGCGGTGGCCTTGCTGTCGATCCGGGTCACCAGCAGCTGGTCGATGCGGTAGTTATCGATATCCACCACTTCAAATTT}$ GTAGCCGGCGAATTTCACCGAATCGGTGCGTTTCGGGATCTTACGCAGCATAAACATCATAAAGCCGCCGATGGTTTCGT AGTTGCCCGACTGCGGGAACTCGTCAATATCCAGCACGCGCATGACGTCGTCAATTGGGGTGCCGCCGTCAATCAGCCAT  ${\tt ACGCCTCTGAAAGGGTTAACGTATCCGGCACAATCAGCGTGTTGCGAATTTGTACGCCGCTGTTCAGTGCCAGGCTTTGG}$ TTAGCCAGCACGCGGTTCAGCAGGTCTTTAGAATCGACATAACCGATGATGTGGTCAATATCTTCATTACAGACGAGGAA  $\tt GCGGTGTCATTGAAGACGGAACGGTACGGGATTCCAGCTCAAAGACGTTTTCAATCAGCTCGTGTTCCTGTTTACGTAAC$  ${\tt ACGCCCGCCAGCGCACCGGCTTCCACTACCGCGTAGATGTCATCAGAAGTGATGTCATCTTTACGTACCATTGGCAGTTT}$ GAAAATACGGAAGATTATGTTCGCCAGGCCGTTGAAGAACCACCACCAGCGGGTGCAAACGTACAGGCAGAAGCGCATCG GGTTGATGATACGCAAAGCCACAGCTTCTGGCGCAATCATACCGATGCGTTTCGGGGTTAAATCCGCAAACAGGATAAAC ATGCCAGTCACTAACGAGAAAGAGAATAAAGCTCAGTTGCTCAGAGAGCTCTGCCGACATATAGCGGGAGAACAGGCT GTGAAAAGCTGGAGAAAATGCCGCATCACCGACGATACCGCCGAGAATCGCCACTGCGTTCAGACCGATTTGGACCACGG TTGATTTTGCGTGAGGCGCAAGCGAGATCTCGGACATCGAGAAGAACGCACTTACAGCGATCAAGCAGAGTATGACTAA ATTGAAAGCCGATTCGAAGAAAGTGAACCGGCATTTTCAGTGGCTAGTATAGCGTAAGGTACTGTAAAGCCGCCAGAGGG TTAAAATTCAGACAGCTGAAAAATGCAAAACTGCCTGATACGCTATGCCGATCAGGCCTACGCAGTCCTTGCAATATATT GAATTTGGACGATTTTGTAGGCCTGGTAAGTCGTTTACGCCGCATCAGGCATAGACAAAGAGCACTTTATCAACAAACTA  ${\tt ATGCAGATATTGCTGGTGGTCATCTTCGGCATAATAAAACGGTGTGGCGTTAGCGATTTCCGTGGTGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATTGTGACGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCGATGTGACGATCGTTAGCAGATCAG$  $\tt CATCGGCGGCAAGCATCGCCGCCTGAAAACGTTCCAGACTGGCGCGAGCTGCGGCATCCTGTTCTGGGGTCAGCGGATAA$ ATCGCTGAACGATACTGCGTGCCGTGGTCATTGCCCTGACGCATTCCCTGGGCGGGATCGTGATTCTCCCAAAATACCTG TAGCAACTGCTCATAGCTGATGACGGAAGGATCGTAAACAATGCGTACCGCTTCGGCATGACCCGTATCACCGGAGCACA AGACGCTCCACACCCCAGAAACAACCCATCGCAAAAATGGCAATCTCCATTCCGTCAGGTACATTGGTCATTGAGTGACC TATCAAATAAACTCATGGTGTCGCTCTCCCGAAAATCGGTCATTGGGGTTAAGGTTGTAACAAGAGGCGTATTTGCACAC AATAACCACCGTGAATAGGTCTAAAGTAAAACATAAGAAATATTTGGGGTTTAGTCTGCTTTTTAATCCATATTACTGGA TTTTTGTTAAGCCGTTTAACGGCGTTCCAGGGGCAGGAAAAAAGGATATTCAGGAGAAAATGTGCGCTATATCCGACAGT  CAAAGAAAGGGCGGCAGGTATTGATCGCCAAAGTCACGCCAGGCGTGTGTTAATTGGCGGCACCGATGTGGTATTG  $\tt CGCGGCGGCGCGGACCGATAAAGACTATTTGAAATTGCTCGATACTCGCCCGGCTATTGGCACGGTACTGAACCAGGG$ CGATTATGAAAAATTTCAAAAAGTCCTTAACCAGCATTGCGTTGCGTAAAGGTTATTTCGATAGCGAATTTACCAAAGCGC
AGCTGGGCATTGCGCCTGCATAAAGCCTTCTGGGATATTGATTATAACAGTGGCGAACGTTACCGCTTTGGGCAT GTGACCTTTGAAGGATCACAAATCCGCGATGAATACCTGCAAAATCTGGTGCCGTTTAAAGAGGGCGATGAGTACGAATC GAAAGATCTGGCAGAACTGAACCGCCGACTTTCTGCTACCGGCTGGTTTAACTCGGTGGTGGTCGCTCACAATTTGATA AAGCGCGCGAAACGAAAGTATTACCATTGACGGGCGTGGTTTCGCCGCGAACAGAAAACACCATCGAAACCGGGGTCGGT TACTCTACGGACGTGGACCCCCGCGTGAAAGCGACGTGGAAAAAGCCCGTGGATGAACTCTTATGGTCACAGTCTGACCAC CAGTACTAGTATTTCCGCGCCGGAACAGACCCTCGACTTCAGCTATAAAATGCCGCTGCTGAAGAATCCACTGGAACAAT ATTATTTGGTGCAGGGCGGTTTTAAGCGCACTGACCTGAACGATACCGAATCTGACTCCACTACGCTGGTGGCTTCTCGC TACTGGGATCTCTCCAGCGGCTGGCAGCGTGCCATTAACCTGCGCTGGAGTCTCGACCACTTTACTCAGGGTGAAATTAC GTCTGGATCCGCACACTGTACGATCGCCATCGTTTTGTTACACGCGGCACGCTGGGCTGGATTGAAACCGGTGATTTCGA AATACGCCAACGGTGACCTGAAAGGGGCCTCGAAGTTGATAACCGGATCGCTGGAATACCAGTACAACGTGACCGGAAAA TACAGTTTTACATCGGTCTGGGGCCAGAATTATGAGTTTATGGAAAAAAATCAGCCTCGGCGTGGTTATCGTTATCTTAC TGTTGCTGGGATCGCTGTCGCTGGCCACCACCACCGCCCTCCATCTGGTATTTAAAGCGGCCGGATCGCTGGGTG GGCGGTAAAAGCGGGCAATCTGCATCTGGCTGTCGGGCTTGAGTGCCTGTGGAACAGCAGTGTTTGTATTAATGATCTGG CGCTGAAAGACATTCAGGTCAACATCGACAGTAAAAAAATGCCTCCTTCTGAACAGGTTGAAGAAGAGAGAAGATAGCGGT GATGAAAAGCCGCTCGGCGAAACGCTGAAAGATCTCTTTTCTCGCCCGGTATTGCCGGAAATGACCGACGTGCATTTGCC GCTTAACCTGAACATTGAAGAGTTTAAGGGCGAGCAGCTGCGCGTGACGGGCGACACGGACATCACCGTGAGCACCATGC TGCTGAAAGTGAGCAGCATTGACGGCAATACTAAACTGGACGCCCTGGATATCGATTCCAGTCAAGGGATCGTCAACGCC AGCGGCACGGCGCAGCTGTCAGACACTGGCCGGTGGACATCACTCTCAACAGTACACTGAACGTGGAGCCGTTGAAAGG TGAAAAAGTGAAGCTGAAAATGGGCGGCGCGCTGCGCGAACAGCTGGAGATTGGCGTTAATCTTTCCGGTCCGGTGGATA TGGATTTACGCGCCCAGACGCGACTGGCGGAAGCCGGATTGCCGCTCAACGTGGAAGTGAACAGCAAACAGCTTTACTGG  ${\tt CCGTTCACTGGTGAGAAGCAGTATCAGGCGGATGATCTGAAACTGAAACTTACCGGCAAAATGACCGATTACACGCTCTC}$ TATGCGTACGGCAGTGAAGGGACAGGAGATCCCGCCCGCGACTATTACCCTCGACGCCAAAGGTAATGAACAGCAGGTCA  ${\tt ATCTCGACAAACTCACCGTCGCGGCGCTGGAAGGGAAAACTGAACTCAAGGCGTTGCTCGACTGGCAACAGGCCATTAGT}$ TGGCGCGGTGAGCTTAACGCTTAACGCCATTAACACCGCCAAAGAGTTCCCGGACTGGCCGTCGAAACTCAATGGCTTGAT TAAAACCCGCGGTAGCCTGTACGGCGGCACCTGGCAGATGGACGTGCCGGAGTTGAAGCTGACCGGTAACGTTAAACAGA A CAAAGTGAACGTTGACGCCACGCTGAAAGGCAACAGTTATATGCAGTGGATGATCCCAGGGCTTCATCTGGAACTCGGGTAACGCGCTGCCGGGGCTTGGCGGTACAGCGAAAGGGCTGGTGAAAGTACGCGGCACGGTGGAAGCGCCACAACTACTGG GATCAGATCGCCGGGAAACTCGACGTACGCGTTGAGCAAATTTCGCAGCCGGATGTAAATATCAACCTCGTCACCCTGAA TGCCAAAGGCAGCGAAAAGCAGCACGAGCTACAGTTGCGGATTCAGGGGGGAGCCTGTCTCCGGGCAGCTTAATCTGGCAG GAAGTTTTGATCGCAAAGAAGAACGCTGGAAGGGAACTCTTAGCAATACCCGCTTCCAGACGCCGGTTGGCCCGTGGTCG TGCGGAACTGTGCGTGCCGCAAACTATCGATGCGGGGGCCGAAGGGCCGTGCGGTGGTGAATCTCAACCGCTTCGACCTCG  GCTGCCCGTGGCGTTTCAGACACTGAATCTGACGGCGGAATTGCGTAACAACCGTGCCGAATTGGGCTGGACCATCCGCC TGACCAATAACGGCCAGTTTGATGGACAGGTGCAGGTGACCGATCCGCAAGGCCGCCGTAATCTTGGTGGCAACGTCAAT ATCCGTAACTTCAACCTTGCGATGATAAACCCCATCTTTACCCGTGGGGAAAAAGCAGCGGGGATGGTGAGTGCCAACTT  ${\tt GCGTCTGGGTGATGTGCAAAGCCCGCAGTTGTTTGGTCAGCTTCAGGTTACGGGTGTGGATATCGATGGCAACTTTA}$ TGCCGTTTGATATGCAACCGAGCCAGCTTGCGGTCAACTTTAACGGTATGCGCTCGACGCTTGCCGGTACAGTACGGACC  ${\tt CAGTAAAGTGCGGATCACCGTGCCGCCGATGGTACGAATGGATGTATCGCCAGATGTTGTATTCGAGGCTACACCAAACC}$ TGTTTACCCTCGATGGTCGCGTGGATGTCCCTTGGGCGCGCATCGTGGTGCACGATCTGCCGGAAAGCGCAGTAGGCGTC TCCAGCGATGTGGTGATGCTTAACGATAACCTGCAACCGGAAGAGCCGAAAACGGCGTCGATTCCGATTAACAGTAACCT GATTGTCCACGTTGGCAACAATGTGCGCATTGACGCCTTTGGCCTGAAAGCGCGGCTGACGGGCGATCTCAATGTCGTTC AGGACAAACAAGGGCTGGGTCTGAACGGCAGATCAACATCCCTGAAGGGCGCTTCCATGCCTATGGTCAGGATCTGATTGTGCGTAAAGGTGAGTTACTGTTCTCTGGTCCGCCAGATCAACCGTATCTTAATATTGAAGCTATTCGTAACCCGGATGC TACAGAAGACGACGTAATCGCCGGAGTTCGCGTCACTGGTCTGGCGGACGAACCGAAAGCGGAGATCTTCTCTGACCCGG TTTAGCGCTCGACACCCAGGGAGTAGGCGACTCCTCCCAGGTAGTGGTCAGCGGCTATGTATTGCCAGGTCTGCAAGTGA AATACGGCGTGGGTATATTTGACTCTATAGCAACACTCACGTTACGTTATCGCCTGATGCCTAAGCTATATCTGGAAGCC GTGTCTGGTGTAGACCAGGCACTGGATTTGCTCTATCAGTTCGAGTTTTAGCAATGCGAATATTTGTCTACGGCAGTTTA  ${\tt CGCCACAAACAAGGCAACAGTCACTGGATGACCAATGCCCAGTTACTGGGCGATTTCAGTATCGATAACTACCAGTTGTA}$ TAGCCTGGGCCACTATCCAGGCGCAGTTCCGGGGAACGGAACGGTACACGGTGAAGTTTATCGTATTGACAACGCCACGC TGGCCGAACTTGATGCCTTGCGCACCAGGGGCGGTGAATACGCGCGCCAGTTGATTCAGACGCCGTACGGGAGTGCATGG ATGTACGTTTATCAACGACCCGTCGATGGATTAAAGCTAATTGAAAGCGGCGACTGGTTAGACAGGGATAAGTAACCATA TGCATACGCCACCTTCGGGTGGCGTTGTTTTTTGCGAGACGACTCGCATTCTGTTTTTGTAATTCCCTCACCTTTTGCTTT TCTCTCCGAGCCGCTTTCCATATCTATTAACGCATAAAAAACTCTGCTGGCATTCACAAATGCGCAGGGGTAAAAACGTTT  $\tt CCTGTAGCACCGTGAGTTATACTTTGTATAACTTAAGGAGGTGCAGATGCGTATTACCATAAAAAGATGGGGGAACAGTG$ AATCAACTGATTCTGACACCCATCTCCAGGCGCTACTCGCTTGATGAACTGCTGGCACAGTGTGACATGAACGCCGCGGA ACTTAGCGAGCAGGATGTCTGGGGTAAATCCACCCCTGCGGGTGACGAAATATGGTAAAGAAAAGTGAATTTGAACGGGG AGACATTGTGCTGGTTGGCTTTGATCCAGCAAGCGGCCATGAACAGCAAGGTGCTGGTCGACCTGCGCTTGTGCTCTCCG TTCAAGCCTTTAATCAACTGGGAATGACGCTGGTGGCCCCCATTACGCAGGGCGGAAATTTTGCCCGTTATGCCGGATTT AGCGTTCCTTTACATTGCGAAGAAGGCGATGTGCACGGCGTGGTGCTGGTGAATCAGGTGCGGATGATGGATCTACACGC $\tt CCGGCTGGCAAAGCGTATTGGTCTGGCTGCGGATGAGGTGGTGGAAGAGGCGTTATTACGCTTGCAGGCGGTGGTGGAAAT$  ${\tt AAGGTGTGTTTATTTATCGCGGGCATAAAAAAACCCTTACTAACCGAAGCCCGGCGTTCAGGGTTATTACGCCAGAAGAA}$  ${\tt ACCCACTTGCCTTTTTCGAGGTCTTTGTAGTGCTCGAAGAAGTGAGCGATTTGCGCTTTCAGCAGTTCAGGCAGATCGTT}$  ${\tt AACGTCTTTAATGTGATCGTATTCTTTGCTCAGCTTGCTGTGCGGAACCGCAACCAGTTTCGCATCTTCACCGGCTTCGT}$ TCAACCGGGTCACCGTCCAGAGACAGGGTGTGGTTGATGTAACCGTAGTTGCATGGATAGAACATCGCGGTGGACATGAA  $\tt GCGGTCAACGAACAGTGCGCCGCTCTCTTTGTCGATTTCGTATTTGATCGGATCTGCGTTAGCCGGGATCTCAATAACAA$ CGTAGATGTCTTCCGGCAGATCTTTACCCGCAGGGACGTTGAGTAAGCTCATGTCTGTTTCCTTTAAAAATATGTGGCAA  $A {\tt CAAGTGCCGAGTATTATAGCCAACTCGCGCCGAATGTCTTCGCTTGTTTTCGTCTTCATTTTCCTTTTTCACCAGTTTT}$ AAGACGGTATACAGAGCAGGAAAATCCATAACCGTAGCCGCATTTTTCATAGTGAGATGAAAGCGATTACAAACTTGTGA TTAACGTTTTATTTACTTTTTTGAAGTGTGATGTAACGCAATCTGTTACATAACGAATTGTCTATAGTTTTTTCGCGAAC GCCATGTCGTCTATGGCGTTGGCCGCTCCATTAACCGTTGGATTTTCGCAGGTCGGATCGGAATCAGGCTGGCGTGCCGC AGAAACCAATGTGGCGAAAAGTGAAGCCGAAAAGCGCGGAATCACGTTGAAAATTGCCGATGGTCAGCAAAAGCAGGAAA  GAACCGGTATTAAAAGAGGCGAAAGATGCCGAAATCCCGGTATTCTTGCTCGATCGTTCCATTGATGTGAAAGACAAATC GCAAACCATGCAACGTGGTGGAGCTGCAGGGCACCGTTGGGGCCAGCGTCGCCATTGACCGTAAGAAAGGCTTTGCCGAA GCCATTAAGAATGCGCCAAATATCAAAATCATCCGCTCGCAGTCAGGTGACTTCACCCGCAGTAAAGGCAAAGAAGTCAT GGAGAGCTTTATCAAAGCGGAAAACAACGGCAAAAACATCTGCATGGTTTACGCCCATAACGACGACATGGTGATTGGTG CAATTCAGGCAATTAAAGAAGCGGGCCTGAAACCGGGCAAAGATATCCTCACGGGTTCCATTGACGGTGTACCGGACATC TACAAAGCGATGATGGATGGCGAAGCGAACGCCAGTGTTGAACTGACGCCGAATATGGCAGGTCCCGCCTTCGACGCGCT AAGAAGAATTAGAGAAGAAGAAAATATGGGGTATTGAGGGTTGCTATGCCTGATGCCGATTCGTAGGCCGGATAAGGCG  $\tt CTCGCGCCGCATCCGGCGATGGTGCACTGAAGCCTGATGCGACGCTTACCGCGTCTTATCATGCCTACTGGGAGCACGCT$ TTACACCGGGGGAAACCATGACGACCGACCAACACCAGGAGATCCTCCGCACCGAAGGATTAAGTAAATTTTTCCCCGGC GTCAAAGCGTTAGACAACGTTGATTTCAGCCTGCGCCGTGGCGAAATCATGGCGCTGCTCGGTGAAAACGGGGCGGGAAA CGAAAAATACCGCCCACGCGCAACAACTCGGCATTGGCACCGTCTATCAGGAAGTCAACCTGCTACCCAATATGTCGGTC GCTGATAATCTATTTATAGGCCGCGAACCCAAACGCTTCGGCCTTCTACGCCGCAAAGAGATGGAAAAGCGCGCCACCGA  ${\tt ACTGATGGCATCTTACGGTTTCTCCCTCGACGTGCGCGAACCGCTCAACCGCTTTTCAGTCGCGATGCAGCAAATCGTCG}$ CTATTTGTCGGGCTATCGATCTCTGCCAAAGTGCTGATCCTCGATGAACCCACCGCCAGTCTCGACACCCAGGAAGTG CTATCAGGTCAGCGATCGGATCACCGTCTTACGCAACGGCAGTTTCGTAGGCTGTCGGGAAACGTGCGAGCTACCGCAGA  ${\tt TCGAACTGGTAAAAATGATGCTGGGGCGCGAGCTGGATACCCACGCGCTACAGCGTGCCGGGCGAACATTGTTGAGCGAC}$ AAACCCGTTGCCGCGTTCAAAAATTACGGCAAAAAAGGAACGATCGCACCGTTTGATCTCGAAGTACGCCCCGGCGAGAT GCACGGCGTTGATCAAAGGCAAAACCGCAAAACCTGCGATCGCCACATCAGGCTTCGGTACTGGGCATTGGCTTCTGCCCG GAAGACAGGAAAACCGATGGCATCATCGCTGCCGCCTCGGTGCGGGAAAATATCATCCTCGCTCTCCAGGCCCAGCGCGG  $\tt CTGGCTACGTCCCATTTCCCGCAAAGAACAGCAAGAGATTGCCGAACGCTTTATCCGCCAGCTTGGCATTCGCACACCTT$ CAACTGAACAACCGATTGAATTTCTCTCCGGCGGCAATCAGCAAAAAGTGTTGCTTTCACGTTGGCTACTGACCCGACCG  ${\tt CAATTCTGATCCTCGATGAGCCAACCCGCGGCATTGATGTTGGTGCCCACGCCGAGATCATCCGCCTGATTGAAACGCT}$ ATGCGCCGATGGTCTGGCGCTGCTGGTGATCTCCTCCGAACTGGAAGAGCTGGTGGGCTATGCCGATCGGGTGATTATCA TGCGCGATCGCAAACAGGTGGCGGAGATCCCGCTGGCAGAGCTTTCCGTTCCGGCGATCATGAACGCCATTGCGGCGTAA GGAGAACAGTGTGATGCCTCAATCTCTTCCGGACACCACTACGCCAAAAAGGCGCTTTCGCTGGCCGACGGGGATGCCGC AGCTGGTAGCACTATTGCTGGTGCTGGTCGATAGCCTGGTAGCCCCGCATTTCTGGCAGGTGGTGCTTCAGGATGGG CGTTTGTTCGGTAGCCCCATAGACATTCTTAACCGTGCAGCTCCCGTTGCGTTACTGGCGATTGGCATGACGCTGGTGAT CGCCACCGGTGGGATTGATCTCTCCGTAGGGGCGGTGATGGCTATCGCCGGAGCCACAACGGCTGCGATGACGGTCGCGG GATTCAGCCTGCCGATTGTTTGTTAAGCGCCCTGGGCACCGCCATCCTGGCGGGATTGTGGAACGGCATACTGGTAGCG ATCCTCAAAATTCAGCCGTTTGTCGCCACTCTGATCCTGATGGTCGCCGGGCGCGCGTGGCGCAACTGATCACCGCCGG GCAGATCGTCACGTTTAACTCGCCGGATCTCTCATGGTTCGGCAGTGGATCGCTGTTGTTCCTGCCAACGCCGGTCATTA TCGCGGTGCTGACGCTTATCCTGTTCTGGCTGTTGACCCGCAAAACGGCGCTGGGGATGTTTATCGAAGCCGTTGGTATC AACATTCGGGCGCAAAAAATGCCGGGGTAAACACGCGAATCATCGTCATGCTCACTTATGTGTTGAGCGGGCTGTGTGC GGCGATTGCGGGCATTATCGTGGCGGCGGATATTCGCGGTGCCGATGCCAACACGCTGGGTTATGGCTGGAGCTGGACC ATTATTCAGGGGATGAACACCGGAATTTTGCTTTCGGGCTTTCCGCCAGAGATGAACCAGGTGGTGAAAGCGGTGGTGGT GCTTTGCGTGCTGATTGTTCAGTCGCAACGCTTTATCAGTCTGATTAAAGGAGTACGTAGCCGTGATAAAACGTAATTTG AGTGATCTGCAATATCCTGACCGATAATGCCTTTCTTGGGATCATTGCCGTTGGCATGACCTTTGTGATCCTCTCAGGTG GGATCGATCTCTCCGTCGGTTCGGTGATCGCCTTTACTGGCGTGTTTCTGGCAAAAGTGATTGGCGATTTCGGCCTCTCG GATCCCGGCATTTATCATTACGCTTGCGGGGATGTTCTTTTTGCGCGGGGGTCAGCTATCTCGTTTCGGAAGAGTCGATTC   $\tt CTGCTGATGTTGGCGGTGGTGTTATCGGCATATTCCTCGCGCATCGTACCCGTTTTGGTAATCAGGTATACGCCATTGG$  ${\tt GATTCAGGGACTGATTCAGACTTACATAAACTTTGATGGCACGCTGAGTTCCTGGTGGACGAAAATCGCCATCGGTATTT}$ TGTTGTTTATTTTTATAGCATTACAGCGTGGATTAACGGTGCTGTGGGAGAATCGTCAGAGTTCGCCAGTGACAAGAGTC AACATTGCGCAGCAATAAAAACGCCTCTCCGTGTGGAGAGGCGCAGGAGATTACGCGTCCGGGAACTCACGGATAAAGCG TTCGACATCTTCAACCATATGGTCGTTGCCGACAAAGAATGAACGGCGCTGGTGCAGGGTTTCCGGGATGATATCCAGAA TACGCTCTTTGCCATCGCTCGCTTTACCGCCCGCTTGTTCCGCCAGGAATGCCATCGGGTTGCACTCATACAGCAAACGC AGTTTGCCGTCCGGGTGGCTGCGTGCTTGGGTAGAGATAAATACCGCCTTTCAGCAGGTTACGGTGGAAATCCGCGAC  $\tt CCCCGTTCGGAAACTTAATGTAGTTTCCTTCGTTGATGGAGTAGGTTTTGCCTTTCTCCGGGAAGCGCATCCGTTCCTGG$ CACAGGCAGAAAACGCCGAGCGAAGGATCGTAAGTAAAGGCGTGAACACCGCATCCGGTGGTGTAAACCAGCATGGTAGA GGAGCCGTATACCACGTAACCTGCCGCAACCTGTTTGTTACCAGGCTGGAGGAAATCTTCTTCCGTTACCGGCGTGCCAA TCCATCAGCACCACGTATTTTGCGTGTTCACAGCCTTCAAAGACGACAATCTCATCTTCTTCTTCAGAGGCAATGCCCGC CGTTCTCAGCACCGCTGGCACCCAGGATATCAACCAGTCCTGCTTTGTTGATATCGCGATGGATAATCTTGGCGCCCAGT
TTTATTGCCGACAGCAAAGCAGTGAGCTCACCGGTAGCATGAGAAAACTCGTGCTGCTTTTCGACAATAAATTCACCTAA  $\tt CGTTTTCATAAAACTTTCCCTGCAATGTTTATGGAGTAAAGCGACCGCAACAATCTTAACAAATAATCTCAATGTTGCGC$ TCAGGTGAATCGCGCCAGCAAATTACGGATTATCCTGAAATGCGTTTCTCACTTGCCCGACATATGCGTAAAATGAGCGG CAGATTAAAAAAAGGATAGTGACGTATGCGCATTCATATTTTAGGAATTTGTGGCACATTTATGGGCGGTCTGGCGATGCT GGCGCGCCAGTTAGGCCATGAAGTAACGGGTTCGGACGCCAATGTGTATCCGCCGATGAGCACCTTACTTGAGAAGCAAG GCATTGAGCTGATTCAGGGGTACGATGCCAGCCAGCTCGAGCCGCAGCCGGATCTGGTGATTATTGGCAACGCCATGACC  ${\tt CGTGGAAATCCGTGTGTGGAAGCGGTACTGGAAAAAATATCCCTTATATGTCAGGTCCACAGTGGCTGCACGATTTTGT}$ GCTGCGCGACCGCTGGCTGCCGTTGCCGGTACACACGGCAAAACCACCACCGCGGGAATGGCGACCTGGATTCTGG AACAGTGTGGTTACAAACCGGGCTTTGTAATCGGCGGTGTGCCGGGGAACTTTGAGGTTTCGGCTCATCTGGGCGAAAGC GACTTCTTTGTTATCGAAGCGGATGAGTATGACTGCGCCTTCTTCGACAAACGCTCTAAATTTGTTCATTACTGCCCGCG TACGCTGATCCTCAACAACCTTGAGTTCGATCACGCCGATATCTTTGACGACCTGAAAGCGATCCAGAAACAGTTCCACC ATCTGGTGCGTATCGTTCCGGGGCCAGGCCGTATTATCTGGCCGGAAAATGACATCAACCTGAAACAGACCATGGCGATG GGCTGCTGGAGCGAGCAGGAGCTGGTGGGTGAGCAGGGTCACTGGCAGGCGAAAAAGCTGACCACCGATGCTTCCGAATG GGAAGTTTTGCTGGATGGCGAAAAAGTGGGCGAAGTGAAATGGTCGCTGGTAGGCGAACATAATATGCACAATGGCCTGA  ${\tt TGGCGATTGCAGCGGCTCGCCATGTTGGTGTAGCGCCGGCAGATGCCGCTAACGCGCTGGGTTCGTTTATTAATGCTCGT}$  $\tt CGCCGTCTGGAGTTGCGTGAAGCGAATGGCGTCACGGTATATGACGATTTTGCCCATCACCCGACGGCGATTCTGGC$ AACGCTGGCGGCGCTGCGTGGCAAAGTTGGTGGTACGGCGCGCATTATTGCTGTGCTGGAGCCGCGCTCGAATACCATGA AAATGGGGATCTGCAAAGACGATCTGGCACCTTCATTAGGTCGTGCCGATGAAGTCTTCCTGCTGCAACCGGCGCATATT  ${\tt CCGTGGCAGGTGGCAGAAGTGGCAGAAGCCTGCGTTCAGCCTGCACACTGGAGTGGCGATGTGGATACGCTGGCAGATAT}$  $\operatorname{\mathsf{GGTGGTGAAAACCGCTCAGCCTGGCGACCATATTCTGGTGATGAGCAACGGCGGTTTTGGTGGGGATCCATCAGAAACTGC}$ TGGATGGCTGGCGAAGAAGGCGGAAGCCGCGCAGTAATTCGGCCTTAGCCAGATATAGTATGCGTAGGCCGGATAAGGC GTTCACGCCGCATCCGGCATTTGAGCATAGTGCCTGATGCGACGCTTGATGCGTCTTATCAGGCCTACAGGTGCACCGTA TCCGGCAAACCATACTCACATCAACAACGAAAATTACCCTTCGTTCTCCGCTAACTCGCGCAGATACTGGAAAATCTGGC GAACAGCACCACCTGCTGGTTGTGACGGTTTTTCAGCTTATCCAGCGCCTGACGAATAGGCTCTACGTCGCGCTGGCGCA GCATCTTACCGATGAGCTGCAACTGGCGGCGGCGACCTTCCATCTTAATACGCTGGGCGAGCTCAATAGCCGCGCGCAGA ATCACGTTTAATTTCACTTTTACTGACCCAGATAATTTCATCGTCTTCGTCTTCGATGTCATCACCGGGAACGTCGTCGA  TCACTGTTTATCACCAGAACCGCAAAGGTAGCGCATCATCCACCGATTTAAGCCCGCAGGCCATTGCCCGTACTGTACAG  ${\tt GCGGCGCTGGATATTGCCCGTTATACCTCGCCAGATCCCTGTGCCGGCGTGGCAGACAAGAGCTGCTGGCCTTTGACGC}$ ACCAGATCTCGACTTGTTCCACCCTGCGGAAGTTTCCCCGGATGAAGCCATTGAACTGGCGGCCCGCGCAGAACAGGCGG CATTGCAGGCGGACAAACGCATCACCAATACCGAAGGTGGCAGCTTTAACAGCCACTACGGTGTCAAAGTTTTTGGCAAC AGCCACGGCATGTTGCAGGGTTACTGCTCAACGCGTCATTCGCTCCAGCTGTGTAATTGCCGAAGAAAATGGCGATAT GGAGCGTGATTACGCCTACACCATTGGTCGTGCGATGAGCGATCTGCAAACGCCAGAGTGGGTTGGGGCCGACTGTGCTC GCCGTACTTTATCGCGTCTGTCACCGCGTAAACTCTCCACCATGAAAGCGCCAGTCATTTTTTGCCAATGAAGTGGCAACC TAAACAAATTCTGCCGGACTGGCTGACCATTGAAGAGCATCCGCATCTGCTGAAAGGGCTGGCGTCGACGCCATTCGACA GCGAAGGTGTGCGCACCGAGCGTCGCGATATTATTAAAGATGGCATCCTGACTCAGTGGCTGCTGACCAGCTACTCGGCG ATTCCCGTGGTGCAGCGGCTTCTGGGTAGAGAATGCCGAAATTCAGTATCCGGTGAGCGAAATCACCATCGCAGGTAAT TTAAAAGATATGTGGCGCAATATTGTCACCGTCGGTAACGATATTGAAACACGCAGTAATATACAGTGTGGTTCTGTGCT CATTCGCACTGCATCGAGACGGAAAGTGAATGAGGGCCGGGGAGCGTACTCGCAGTACGTGACCCGGTCGAATGAGCGTA  ${\tt CGGCGTCATTTGCTGCTGATCTCGAAGACAATATGGAAACCCTCAACGACAATTTAAAAGTGGTCGAAAAAGCCGATAAC}$ GCGGCGCAAGTCAAAGACGCGTTAACGAAGATGCGCCGCAGCGCTGGATGCGCAAAAAGCAACGCCGCCGAAGCTCGA TGAAGCTGGCAAATGAAGGTAAAGTAAAAGAAGCGCAGGCTGCTGCAGAGCAACTGAAAACGACCCGCAATTCATATCAC AATCAACAACCTGCATTTGCGCAGCGTTGAGTTCGTCGAGTTTATAGCCTGTCCACACCCAGATGTCTTTACCCGGACAC TCGGCGCGGATGCGTTGTACCAGTTTCAGAATATCCGGCACGTTTTGCGGATGCAGCGGATCGCCGCCGGAGAGGGAAAT ACCCTGGCGTTTGATACGAGTGTCATTCAGATCGTTAATGATCTGGTCTTCCATTGCTTTGGTAAATGGCTGACCGGAAT TTACCCGCCATGTGCTTTTGTTATAGCAACCGGGGCATTCATGAACACCCCGGAGACAACAGGGTGCAACGAGTGCCG GGGCCGTTGACGATGTCGACAGGATAGTACTGATGATAATTCATTATTTCGCCTGGCTTATCAGTCCGCGTGTAGGCTGC ATCCGGTAATCAATGCCTGATGCGACGCTGTCGCGTCTTATCAGACCTGGAGCAATTGCCAAATGTAGGCCGGATAAGGC GTTTACGCCGCATCCGGCATTTGCTTAGCTCAGAGTGAAGATTAACCTATCTGCCCATTCCCCAAATGTTTAACGCGGCG CACTCGTAGCACTCATCAATCGGTGTATTGGTGCCGTAATACGGTACATGCTGATAGCTGTAATCCCAGACATCTTCCAG  $\tt CGCCTTCAGGTTGTGCTGAATGTTTGGATACTCGCCGTAGCAAATGAAACCACCGTTCGCCAGCGGCGGGTAAGGCGCTT$ ACGCCCGCCACGCCAAACTCAGCAGTATCGAGACGCAGAAGCGATCGCACAGGTTTTCACTCGGCGTGCTGTAGAG GAAGCTGCTCGTTGTCGTAAACATGCTCGCCGCCGAACAGCGCGTTAATGGTTTCGTGGATGCCGATGTAACCCAGCGAA ATAGACGCACGACCGTTTTTGAAGATTTCAGAAACATCATCGTCAGCATTGAGACCCCACAAGCACCTTCCATATA GAGGATCGGGGCCACGCGCGCTTTCACGCCTTCGAGACGAGCGATACGGGTCATCAGCGCCTTACGTGCCAGCACCAGAC GTTCATCCAGCAGCTTCCAGAAGGTGGCTTCATCGCCTTTTGCTTCCAGAGCAATACGCGGCAGGTTCAGGCTGATCACG  $\tt CCGAGGTTGTTACGACCATCGTGGATCTGCTCGCCGTTTTCATTTTCCCACACGCCGAGGAAGCTGCGGCAGCCCATCGG$ GCGCCAGCTGTTTGATGTCGTAGTTCGGATCGCCTTTTTTATGGTTCAGGCCATCGCGAATCGCAAACACCAGTTTCGGG   $\tt GTGACTGGAAGGCATCGTAGCACTCTTTGATGGTTCGAGAGTTAGCGTAGCCTTCGGCGTCCGGGATGTTCCACTCTTCT$ GCGGTCTTGCGATGTTTGTTGTAGCTGGCAGTGACAAACGGTGCCAGCACTTCATCGATACGGTTAATGGTGGTGCCGCC ATAAATATGGCTGGCAACCTGAGCAATAATCTGCGCAGTTACCGCGGTTGCCGTAGAGATCGACTTCGGCGGTTCAATCT  $\tt CGGCGTTCCCCATTTTAAAGCCCTGGGTCAGCATGCCTTTCAGGTCGATCAACATGCAGTTGAACATCGGGAAGAACGGT$ GAGTAATCGAGATCGTGATAGTGAATATCGCCACGCTCATGTGCCTGCACCACGTCACGCGGCAGCAGGTGCTGACGTGC GTAACGAGGCGTTGGTCTGCTCGACCAGACCACGGATCTCCTGGTTCAGGCGACCGCGTTTTTCACGTTCAATGTCGCGA CTCATTGATATCCACCTGGTTGCGGCCCTGCATCTGCTCGCTGACACCGCGGCAACAGTGGCGCAATAATCGGCATCAT TTCATCACATGCGGTGTCATGATCGCTCCATATTTTTAAGAACAGGTTATCCACAGAAATTGGGAAAGGCGTTTTCCGGT TTTTTCGTTTCCGCTGCTTTTCCGCAATCGCCATCCCCTTATCCACAACGCCGCACCTTTTTCGTGGGGAGCTGT ATGTTTGAGCTTTTTTTGATGTAGCTCAAAGTAAAAAGCAGAGCGTACGGATGACGGCGCTACAGCGATATGTAAATTT GCTTAGGGAAGATTTACTTCTGTAACCACCAGACAGCCTCAAAAGGCCGTAAATTCATGGCACAGGGTTGTGGTGAGGCT GGCAATGACCAGCAAGGTTTGCCCCTTCCATTCACGGCGATAGCACCACAATACAGGGCTGTTTGGCAGCAGATCCTGGT AATTGCCCCATGTCAGGATGGCTTCCTGCTTACGCAGTGCGATTAACTTTTGGTAGGTGTAAAACACCGAGGAATCATCG GCCAGCGCGGCTTCTACGTTGATTTGTTGATAGTTATCGCCCAGGCCAATCCACGGTTCGCCAGCCGTAAACCCGGCATT ATCGCCGTTGCTCCATTGCATGGGCGTGCGACTGTTGTCACGGGATTTACTGGCGAGGATTGCCAATAACTCGTCGGCAT CACGCCCATCGTTGCGCAGCTCGGCAAACATATTGAGGCTCTCTACGTCGCGATAGTCAGTAATGCGCGTGAAATGCGGG TTGGTCATGCCAATCTCTTCGCCCTGGTAGATATACGGCGTTCCCTGCATGCCATGCACCACCATCGCCAGCATTTTTGC  ${\tt CGCAGGCACGCGGTATTCACCTTCATCACCAAAGCGAGAAACAATGCGCGGCTGATCGTGGTTACACCAGAACAAGGCAT}$ TCCATGCTACGTTGTGCATTCCTTGTTGCCAGTGGCGGAACAATGTTTTCAACGCCACAAAGTCAGGTTTAGCCAGCGTC GTATCGCTGGCAATGCTCAAGGCTGGTGGAGGACATTTCACCTACGGTCATTAACCCGCGTGGCGTAAACACATCGCGGT TCATCTCGTGCAAAAACTCGTGTGCTCGTGGCCCGTCGGTGTAGAAGCGACGCCCGTCGCCGTCCAGGTCTTCAGGGAAA  $\tt CGCGGGTCTTTGGAGATCAGATTCACCACATCCAGGCGCAACCCGTCGACCCCACGATCGGCCCAGAACTCACAGACTTT$ TTTCAGCTCTGCGCGTACCGCTGGATTCTCCCAGTTGAGATCCGCCTGTTCTGGTGCAAAGAGATGCAAATAGTACTGTT  $\tt CGCCAGATATAAAACTGGCGGTAAGGGCTTTCTTTGTTCAGCGCCTCGCGAAACCAGGCATGTTGGGTAGAGGTATGGTT$ AAACACCATATCGAGAATGATACGAATCCCGCGCGATTTTGCCTGCGTCACCAGTTCGTCAAAATCGTCCAGCGTGCCGT AGGTGGGATCAATCGCCGTATAGTTCGCTACGTCGTAACCGTTATCGACCTGGGGAGAGACATAAAAGGGGGGTTAGCCAG GTCCTGAAAACTCTTTGGATAAATCTGGTAGATAACGCCGTTTTGCCACCAGTGGGGAAGATGAGTCATTACGTTATTCC TGCGAATGCGAGGGGGCGCAATTGCGCCCCGAAGAAAATTAAACAATGTCCAGCGTGCCCAGGCGTATTTCCGCTGATA GATAAACGAGGTGAGTACAATCGGGATGATGATGGCGATAGCCATTGCCAGCGCAAACACCTGCCAGTAGCTCGGTTGAA TCGAGAGAATTCCCGGCAGGCCGCCTACGCCGATGCCATTCGCCATAACGCCGTTCAGGCCGCATAGCAATCCTGCCAGA AGCCCTGAGCGATATTCGACAGCGCAATCAGCGGCCACACTGGCGTACCACCCATGCTTTGAATCATCTGCAAATCAATA GCAAGCGTGGTCTGCTGCACCCGGTGATCACCAGCGGGGCGTACAGGAAGCCAAACAATGCTGCGCCAATCGGAGCAAA GCTGCCGGTCATCAGGTGACGTACCGCAAAGGCAACGCCATCGCCAATCATGCGACCAAACGGACCAATCAGCGCATGGG GTTTCAATAACGCCCAGCGCCAGTCCGGCTAACAGTGCCGGGATCACCTGCGCCTGATAGCCTACTTTGGCGATGCTGAA  $\tt CATGCCAAAGTCCCACACTTCCGGCAGCTGCTGCCCGAGCAGATAAGCGTTCATCAGCTGTGGAGAAACCAGTGTCACGC$  CATGGCCAAATCGCCGATCACATTGCGAAAACCGAGGATCAAACCGCCGCTAATCAACGCGGCCAGCAACGGGAAGAAGA TCACCGCGAAATGAGAGATCAACTGCTCATGCCATTTCATATTATGCCGGGCGGCTTTTTTTACCTGCTCTTTATCAACC TGCGCCTGTCCGGTTGACGCAATCAGTGCTTGATAGTAATCACCCACGTTGGTGCCAATCACCACCTGAAATTGCCCGGC AAAAACGGGAACGTTCCCGAAACGCAGCGAAGATCACAATTTATCGTTCAGGAAACGATCAGGACAGGGTGGCGGGGATG ATGATTTGTTGCGGTTCGCTGCGCCCGGTTACCTGCGCGATCAACTGGCAAGCCGCCTGGCGTCCAGCTTCGGCGTAACC GGGATCTACGGTTACGATCTCCGGATGGAGGAATTTCATTAACGGCGTATTACCGACGCTCGCCAGTTGCAAGGTGTCGA TGCGTTGCTCTTGCAGGTATTTACTTGCGCCAAGTGCCAGCGTGTCGGTTGCGCACAGTAAGGCGGTAGTTTCAGGCGTA  ${\tt ATCACTTTTGCAACGTTCTCATAGCCTTGCTTCATAGCAAGCCCTGGCAGGGCGGCAACGGGATGCAGTTTATGCGCTTT}$ GCAGAACGCCAGGTAGGCTTCGTGACGTCGCTTACCGGTTGTCACGTCACTGTGCGGCACGCCGAGATAACTGATATTAC GATGCCCCTGGTCATACAGCCGTTGCATCAGGATTTTGATTGCCCCTTCGTCGTCATAACAGACCGAAGCAAAGCCTTTT GCGTCACGCGCCAGCAGAACCAGCGATGACTGCCAGTGGGCTAACATTTCTTCTGTTATGCCAGTAAAACCGAACAGCAC TACGCCGTCGATATTACGCCGTTTCAGCACTCCCAAATGTTCGGCAACTAATTGCGGGGAAAACTGACTTTCCATCATGA TTGGGTCGTAACCTTGTTCATAGAACGCTGGCAGCATGGTTTGAACGGCGAGATTTTCTGACAACGAATCCAGACGGGTA  ${\tt CGCCGCTTAAGCGCGGATATCTTTGATGGTCAGCCGATTTTGCATCCTGTTGTCCTGTAACGTGTTGTTTAATTATTTG}$ AGCCTAACGTTACCCGTGCATTCAGCAATGGGTAAAGTCTGGTTTATCGTTGGTTTAGTTGTCAGCAGGTATTATATCGC  $\tt CATAGATGCTACGAATATTATTGGATTCTCCTTATTATTTGCGGCGCTTTTTTCACTTACCGGAGGTTATATGGAACCTG$ ATCCCACGCCTCTCCCTCGACGGAGATTAAAACTTTTCCGGTAAGCCCGTCTTTTCACGGCGTTACCGGATGCGTAAGGC  ${\tt CGTGACGTTTTAACGTCCCTGCTCAGCTTTATTACCTTCAGGTAAGGCTTCGCCACGCCTGAAGACATTTCTGTACTGTT}$ TCAGACAGTGCGGAGGGACTCCTTATGTTTAAAGAAATTTTTACCCGGCTCATTCGCCATTTACCTTCCCGTCTGGTTCA TCGTGATCCATTGCCTGGCGCGCAGCAGACAGTGAATACGGTGGTCCCGCCGTCCTTAAGTGCCATTGCCTGAAAATGG CGCGAACAACATGGTGAAAATAAATTACCCGCACAACAACCGTCGCCGTGGTGGGTACATTTATGGGTCTGCTATCGCAA TAATGGTCGCTATTTCTACGTTGCTGAACTTTATTCAGGAAGCACGTTCCACTAAAGCGGCAGATGCCCTGAAAGCGATG GGTGCCCGGCGATATTATAAAACTGGCGGCGGGAGATATGATCCCGGCAGATTTACGTATCTTGCAGGCGCGGGATCTGT TCGTCGCTCAGGCGTCGTTAACCGGTGAGTCTCTGCCCGTAGAAAAAGCCGCTACCACTCGCCAGCCGGAGCACAGCAAT TGCCAATACCTGGTTTGGTCAACTGGCGGGGCGTGTTAGTGAGCAGGAAAGCGAACCGAATGCCTTTCAGCAAGGGATCA GCCGCGTCAGTATGCTGATTCGCTTTATGCTGGTGATGGCACCGGTGGTGCTGTTAATCAATGGTTACACCAAAGGC GACTGGTGGGAAGCGGCGCTGTTTGCGCTTTCGGTCGCGGTAGGCCTAACGCCGGAAATGTTGCCGATGATTGTTACCTC GACGCTGGCGCGCGCGCAGTAAAGCTGTCGAAACAGAAAGTGATCGTCAAACATCTGGATGCTATTCAGAACTTTGGCG CAATGGATATTCTGTGCACTGATAAAACCGGCACCCTGACGCAGGATAAAATTGTGCTGGAGAATCATACCGATATCTCC
GGTAAAACCAGCGAACGCGTGCTGCATAGCGCGTGGTTGAACAGTCATTATCAGACCGGACTTAAAAAACCTGCTCGATAC ATTTCGAGCGTCGCCGGATGTCGGTGGTAGTGGCAGAAAATACCGAGCACCATCAGCTGGTTTGCAAAGGTGCATTGCAG GAAATCCTCAATGTGTGTCGCAGGTGCGTCACAATGGCGAGATTGTGCCGCTCGATGACATCATGCTGCGTAAGATTAA ATTACCAGCGGCCGATGAATCCGACCTGATCCTCGAAGGATATATTGCTTTTCTTGATCCGCCAAAAGAGACAACCGCT GTGCCATGAAGTGGGGCTGGACGCGGAGAGGTGGTCATTGGTAGTGATATTGAAACGCTATCTGACGACGAACTGGCAA

ATCTTGCACAGCGTACCACGCTGTTTGCCCGCCTGACGCCGATGCATAAAGAACGCATTGTGACCTTACTGAAGCGCGAA  ${\tt CGGCGCGGTAGATATTGCCCGTGAAGCGGCTGATATCATCCTGCTGGAAAAAAGCCTGATGGTGCTGGAAGAGGGGGGTTA}$ TTGAGGGACGTCGCACTTTCGCCAACATGCTGAAATACATCAAAATGACGGCGAGCTCTAACTTCGGTAATGTGTTCAGC GTGCTGGTAGCGAGTGCTTTCTTGCCCTTCCTGCCGATGTTGCCGTTACACTTGCTTATTCAGAACCTGCTGTACGATGT GTCACAGGTGGCGATCCCGTTTGATAACGTCGACGACGAGCAAATTCAAAAGCCGCAGCGTTGGAATCCGGCGGATCTGG GGCGCTTTATGATCTTCTTCGGACCGATCAGCTCGATCTTCGATATTTTGACGTTTTGCCTGATGTGGTGGGTATTCCAT GCCAACACGCCGGAAACGCAAACGCTGTTCCAGTCGGGATGGTTTGTGGTGGGCTTACTGTCGCAAACGCTGATTGTGCA TATGATCCGCACCCGCCGTGTGCCGTTTATTCAGAGCTGTGCATCGTGGCCGTTAATGATCATGACCGTGATCGTGATGA TTGTCGGGATCGCATTGCCGTTTTCACCGCTGGCCAGTTATCTGCAATTACAGGCGCTGCCGTTAAGCTATTTCCCGTGG  $\tt CTGGTTGCGATTCTGGCAGGGTATATGACATTAACCCAGTTGGTGAAAGGGTTCTATAGCCGTCGTTACGGCTGGCAATA$ AAGAATAAACTGGGCACGATAGCCCCGATTCAGATTGTAGACAAAGTGAGTTTTGTTCATGCCGGATGCGGCGTAAATGC  $\tt CTTATCCGGCCAACAATTCAATAAATTGCAGGAATCACGTAGGCCTGATAAGCGTAGCGCATCAGGCGATTTTGCGTTT$ GTCATCAGACTTAATCCGGGCATGATAGCCCGGATTTCCATCAAGATTAGCGACGACAGCGATCGCTTCGATCTCAATC TTCACGTCTTTCGGCAGACGGCCAACTTCAACGCAAGAACGTGCCGGGAAGGTGGCGTTGTGTTCGGTGAAGAAGGCTTC GTAAGTGGCGTTTACGGTTGCGAAGTCGTTCAGATCTTTTACAAACACGGTAGTTTTAACGATGTCGCCCACTTTCAGGC  $\tt CAGCGGCTTCGACGATCGCTTTTACGTTATCCAGCGACTGACGTGCCTGTGCAGCGACGTCTGCCGGTACTTCGCCCGTT$ TTCGGATTTACCGGGATCTGACCGGAGGTGATGATCATATTGCCCAGATCAACGCCCTGTACGTAAGGACCGATAGCTGC  $\tt CGGTGCATTTTCCGTCGCGATAGTTTTGCTCATGATTTCTCCTTTATTACAGCGGTAAAAAGTCTGGCTCATTATAGGGA$ AGCGCGATATCATTGGCGCGTTTTCGCACGGCAAAGCTGGATGAAACCGGTTCGGCATGGCTGATACAGTTGCTGTTCGG GCAGACCAGCACATTGTCGATGCGCTCCGGCAGACTTGGGCGCGCATTTACCCACCACCTTCATAGTTGTCGATACGGTTAA  ${\tt CCGTGGCTTGCGGCGCATACAATGCCAGTTGATCTACTTGATCTTCACTCAAAAAGGTATTTTCGATTTTGATCAGATCT}$ TTGCGGCCCATCTCGCCAGAAGGCAGGTTCAGACCAATGGTGATGCGCTGATCCGTTTCGGTCAGCTTGAACAGACTCAA  $\tt CAGCTTAAAACCGATCTGGGCGGGGATATGGTCAATTACCGTGCCGCGTTTAATAGCTTCAACCTGCAATTTATTATCGT$ TTGCCTGCCTGCTGGAAGTACCAGGCGTGTGGCGTTTTATCAACATCCGTCGCAATCTCATCAACACGCGGCAGCGGATG AGACTCCATGCGATCCCTTTTTCATCGAGCATATCCAGAATGTATTGCGGCATTGCCAGCGCGTCCGGCGCGATGAAGTA CATCACTATCGCATCGACGTAAGTGCTGATAACCGAAATGGTATCGGCCAGCGTTTCGCCCCTTTTTACCCAGTGATGTAT TGGCGCTGTCGGAGAAGCCCACCACGCTGGCCCCCAGGCGGTGCATAGATGTTTCGAAAGAGAGGCGGGTACGGGTAGAG GCTTCGAAGAAACAGCTGGCAATGACTTTGTGCTTCAACAGCTCTGGTTGCGGGTTTTCCTTTCAGTTTCGCCGCTGTCGC  $\tt CAGCACCAGATTAAGGTCATCGCGACTAAGGTCGTTTATGGAAATGATATGTTTCTGATATAGCGGATTAGCCATCTTTT$ ATCTCCTGACGCCTGGGCAAAAAAAAGCCCCTCGATTGAGGGGCTGGGAATGGGTGATCAACGGGAAGAAAAACGGCAGG  $\tt CCAGCGTCTTTTTTCAGACGCGGTAAGACAAAATGTCGAACACTGAACCATACATCCTCCCGGCAAATTGTCCGGCAT$ TATACTCATCGTCAGAAGCGGCGCAAGCATTTGATGCAATATTTTGTCAGCGCAAACGGTTTATTTGAATTAAAAGTCAA GGTATATGCATTTTTTTTGATGTGATTCTGCAGGGGAACTGTCCTTCGGTATCAATAATTGCAGACATTCCCTGCTTTT TCCTTTTCACTTTCACGCAATCAGATATGCATTTTATTCCATTCATCCGACTTATAGGGCGGAGTGTGAAAGCGAACGG  ${\tt ACCGCCGTCCAGTTTGGATAAGGTGGGGGGGCTAAATATTTCATTTTTCACCGTCATGATGTCTTCAAATTGGTTTTCTGG}$ ATCGGTATGGAAGCTCGTAACATCAATGATATCGTCAAAAGTGCATCCCGCAGCTGCCAGGGTCGCATGCAAATTATCAA ATGCCAGTCTGACTTGTTGCTGAAAATCGGGTTCTGGTGTTCCGTCCTCTCGACTTCCTACTTGCCCGGAAACAACAGC AAATCGCCGGAACGAATAGCCGCAGAATAACGATGCTCAGCATATAGTGAATGTCGGCCAGCAGGGGAAAACAGCGGTTCT 

GTGAGTAAACAAAACCCAGACATCATGGATAATGGCTGGGCTTAATTGAGCGTAGTCGGTTATGCGCCAAACGCGCCATC AATGGTATGCATCGCGCCGGTAACAAAACTGGCTTCTGGCCCTGCTAACCATGCGACCATACCAGCGACCTCTTCCGGTT GCCCATGTCTTTTGATAGCCATCAAACTATGCAACATATCGCGCATTGGCCCGTTGGCGGGATTAGCGTCGGTATCAATT GGCCCTGGCTGGACGCTTAATGGTGATCCCACGCGGTCCAAAATCACGGGCCAGCCCGCGCGCATGCCTTGCAGGGC AGATTTGCTGGCGGCATAAGCAGCCATGCCTGCAACAGGCATACGATCGCCATTCACGGAGCCGATGATTAAGATGCGCC CGCCTTCGGGCATCTGCCGGGCGGCTTCAACAGAGGCATGATAAGGAGCATGAATATTGATTTTGAAAAAGGCGATCAATA TCGTCGGCATTTAATTCCAGGGCCTCGCCAAAGACGCCAATACCTGCATTTACCACCAGGATATCCAATGCGCCGCTCTT  ${\tt ACGAACGACATCAATGACAGCGTCTCTGTCAGCACTATCTGTGAATACTGCTGTCGCTCCAGTCTCTTGTGCCAGGCGTT}$ TAGCGGCATCTTTCGACCCCGCATAGGTGAATCGTACATTGGCCCCCATCGGTGACGAAACGACGTACGATAGCGGCACCG ATACCACGACTGCCACCGAGGATGAGAACTGTCTTACCTGTAAAAGCGCCCATAAGGACTCCTTGATTTATTATGTAACA TGCATTACAAAACTGTTTTAACTTTCTGTCAACAGGTTTTGTAATGGTCACTAAAAAACAATCTCGCGTTCCAGGTCGTC  $\tt CCAGACGTTTCGCTCCTGAGCAGGCAATCTCTGCGGCAAAAGTGCTTTTTCACCAAAAAGGTTTCGATGCTGTCAGTGTT$ GCTGAAGTTACTGATTATCTTGGTATTAACCCCCCGAGCCTCTACGCGGCTTTTGGCAGTAAAGCTGGGTTATTTAGCCG TGTACTCAATGAATACGTCGGTACGGAAGCTATTCCGCTTGCCGATATTCTTCGTGATGATCGTCCGGTAGGCGAGTGCC TGGTTGAGGTATTAAAAGAAGCGGCGCGCAGATATAGCCAAAACCGCCGCTGCCTGTATGGTTCTTGAAGGTATT CATAGTCATGATCCACAAGCGCGTGATATTGCCGTTCAATATTATCACGCCGCAGAAACGACCATTTATGACTACATCGC AGGGGCACTCTATAGAACAACTCTGTGCAACAGCTGCAATGGCGGGGGAAGCGATAAAAACTATTCTTGAGGAGTGATGC GGGCCTTGACCCGAAAGGCGGGAAAGCGCCTGCCGATAAGTTGTGATAAGACAATAATTCACGCGTTAAGGCTAGCGGAA TGCGGAGTACCATGCCCGCTATCTTGACATTCAGATTGTGTTAAAAGGTCAGGAAGGCATGACCTTCAGCACGCAACCTG  $\tt CAGGCGCCGGATACCGACTGGTTAGCTGATAAAGACATCGCATTTTTGCCGGAAGGCGTTGATGAGAAAACAGTTATT$ TCGCAAAGCAGTAGTGAAGATGCTGATGGCGTGATGACTTTTCGCCGTAAATAACTCAAGGTTTACGGCGAGTTTGTGAA  ${\tt AAGAGCGTTTTTTGATATTTTTTTTGTGAGTAAAATTTGTAATGCTTAGACGTTCTTATTCACTCAAGGAGTTCGTCATGA}$ GCAAAATATCAGATTTAAATTATTCTCAACACATTACATTAGCCGACAATTTTAAACAAAAAAGTGAAGTTTTAAATACC TTTAGAGTTTTTGGCAAAGATATTTACCCTGGGTTATGTGGATTTTAGCAAACGCTCCAACGAAGCGGGTAGAAATATGA TGGCTCATATTAAGTCCTCATCTTATTCTAAAGATACTAATGGCAATGAAAAAATGAAGTTTTACATGAATAATCCTGTA CATTACACCTGATTACTAACAAGGTTCTGGCGTGTTACCAAAGTGAAGCTAACAAGAAAATAGCGCGTCTATTAAATAAT AATCAGGAGTTAAATAATCTACAGAAATTAAATAATCTACAGAAGTTAAATAATCTACTGAAGTTAAATAATAATACAGGG GTTAAATAATCCTCAGGAGTTAAATAATCCGCAGAATTTAAATGATTCTCAGGAGTTAAATAACTCGCAGGAATTAAATA GTCCACAGGAGTTAAATGATCCGCAGGAGTTAAATAATTCTCAGGACTTAAATAACTCTAAGGTGAGTTGTACAGTTTCA AATGCCTCATGTATGTATGAATCGATTTCATACTTACTGGGCGAAAAAGGTATACTTGAAGAAATAGATAAGCTCTACG CATTAAATGATCACGGAATTGATAATGACAAAGTAGGTAACAATGAAATTAATGACATCAAAGTTAACCTGTCTCATATT  $\tt CTTATTGATTCCTTAGATGATGCAAAGGTTAACCTTACACCGGTCATCGATTCTGGAGACTTTTTCAAAATCCCC$ ATATATTAATGATGTAAGAATACTGGATTGGTGTTTTAATAAAAGCATGCAATATTTTGATGATACTAAAAAGGATAAAAGC ATGCATGCTCCGTAATAAATCATATTAATCTTCGCAGCGATCAGTCTAAAATAGCTGAGACATTATTTTTCAATCTCGAT AAGTAATCGAGAAAAACAAATTTAATACAAAGGCTATTTGATAATGTTGAGTCTATATTTAATGAAGTACCTGTCAGCA TTTTAGTGAATGATTTTTTATGAATGATTTCTTTATGAAAAATCCTGAGATGATTAATTGGTACTTCCCTCAGTTACTT AAGAGTTATGAGGGTGAAAAGATTTATTTTGATAATTTAAAATATGATTAAATGATAATGATAAAGGAATCTAATAAAGA AATTTTGAAGAATCAACCAGATAATGTTATCAAAGAAAAACTGAATAATGAATACAAACTTAGAATTAGAATGATGCAAA CGTATAGCAATAGAACACTTTGGGTGGAAGAATAGACCTATCACTGCATAAAATAATGTGATGCCGGGATGGTTTGTATT TCCCGGCATCTTTATAGCGATAGCAATTATTTACTGAGCGTCGCGACCATCACCGCTTTGATAGTATGCATACGGTTTTC CGCCTGATCAAAAACAATGCTGGCGGCAGATTCGAAGACCTCATCAGTGACTTCCATACCGCCATGTAGGCCAAATTCTT GTCAACTGCATCATCTTGCTGTTCACCTGATATTCACGCAGCAATGCAATCCGTTCCGCCCATTTCTCTTTTGCTTCCCC  $\tt CATTTCGTTGAACGCTTTGCCGGGCAAATGCTCCTGCATGGTGAGAAGATCCGCCAGCAGCTGCGTGGGATGGAACTCAT$ TGGTCAGGCCATTCCATACCGCCACGCTAGCGTATTCCGCCAGTGTTTCGACAATCTCCTGACCATAGCCGCGATACTGA GAGATAAGTAACGCGAGCACCCTGGTCATATGCGGCAACTTCGAAAGAGCATCGGGTACGAGTCGTTTTTTCGAAGA TGAGCGCGATGTTTTTACCAGTGAGTTTGGCTTCTTCTTTACCGCTTTTCTTATCGGCTTTCAGCTTCGCGGCTAACTGC AGCAGGCTGTTGAGTTCAGCTGGCGTGAAATCGAGTAATTTCAGGAAATGCTTATGATAAAACCCGGACATAGATCCCTC CTGTGGCTAACGCCTCAATGAATTAAAATTCAATTTATATGGATGATTATTCATTTGCAAGTCTAAAGCATAAATCTTTG TCACAAAGGTGGAGGCAATGTCAGTGGTGTGTGACAATAAGAGTATCGGCAGGACATTAAGAGGAATGAGCCATGGCAAA CGCTGTACACCATCGAACACCATCTTTCCGCAGACGATCTGGAAAACCCTGGAAAAAGCAGCAGTTGAAGCGTTTAAACTC GGTTACGAAGTGACCGATCCAGAAGAGCTGGAAGTTGAAGATGGTGATATCGTGATTTGCTGCGACATCCTCAGCGAGTG CGCGTTGAATGCCGATCTGATCGATGCCCAGGTTGAACAACTGATGACGCTGGCAGAGAAATTTGACGTTGAGTACGACG GATGGGGCACTTACTTTGAAGATCCTAACGGCGAAGATGGCGACGATGAAGATTTTGTCGATGAAGACGATGACGGAGTT  ${\tt CGCCACTAATTAAGCGTAGCGCATCAGGCCCAGGTAGTTCCTGCAACCTGGTGAATTTGTAGCCCGGATAAGGCATTCAT}$ GTCACATCCGGCATAAACAAAACGTACGTTGTTAATGTTCGAATGCCCGCGAGTTGAACACGCGGGCATTTTTTTAGAGT TCGCGCAACATCCGCACTTCACAATCGACATGGCCCGTGCAGCCAAGCGCATAGTCGATATGCTCAAAGCCCAAATGCTC ATAAAGCGCAATGGCTTCCTTTAAAAAAGCGGTCGTTTCCAGATAGCAGCGTTTGAAACCCATCTCTCGCGCCTGCTCCA TCGCCATTAAGGCCAGTTTTTTTGCCAGCCCTTTGCCGCGGATAGCCCGAAGAAATACATCTTTTTGCAGTTCGCAAATA TCCGACTCACTCCCGGTTAATGGCGCTATCCCACCGCCGCCGACCACTTCACCCTCGTACTCAACGACCCAATATGCATG GCCAGGCTGACTATATACTTGATACAGCTCGTCAAGATTCGGATCGGCGACGGTGTAGCCTTTATCAGCGGTAAGACCGT ATTCGGCGGATACCTGACGAATGACGCGGGCGATAGCAGGATTATCCTGCAGCGTCAGGCGACGCATTACAGGTGATTGC GGCGCAATGTTATTCATAGTTTAACCCAATAAAAATAAAGTAATTATACATTTGTTTAATACCACTCTCTTCTTACGTAC GCAAGCGACTTATAAAGTAATAAAGTTTTTGCCAGCCTATTACTGATAAGAGTATTGTAACGTGGCAGAACATTTTACTG TCTGTATATATAAGTTATATCAATGGATTTTTTAATTCAGGGAATTTTTATGGCTCAAGTTATTAATGAAATGGATGTTC ACGCTAGGTATCTATTTACCATGGGCATTAATGAAATGTAAGCGTTATCTTTATGCTAATATGGAAGTTAACGGACAACG  ${\tt CAGTGTCAGCAGATATGCCGCTTGTTGTTGTTTTGACTTTGTTACTGTTGGTTTTGCTTATATTTATGGCAGCAAAA}$ GGACTGCGTCATCAGGCCTTAATGACCAGTCTCAACGGCGTAAGATTTAGTTTTAATTGCTCTATGAAAGGGTTCTGGTG GGTGACCTTTTCTTGCCGATTTTAATGGCCATTGGGATGGGGACTGTTTTCTTTATCTCGACAAAGATGCTACCTGCCA A TAGTTCAAGTAGTGTTATTATATCCATGGTTCTGATGGCAATAGTTGGTATTGTTTCCATTGGTATTTTTAATGGTACTTTATATAGTCTGGTAATGAGTTTTCTCTGGAGTAATACCAGTTTCGGTATACATCGTTTCAAGGTGAAATTAGATACTAC GTATTGTATAAAATATGCCATTCTCGCATTTTTAGCTTTATTGCCTTTTCTCGCTGTTGCTGGTTATATTATCTTCGATC AAATATTAAATGCGTATGATAGTTCTGTATATGCAAATGATGACATTGAGAATTTACAGCAATTTATGGAAATGCAACGT TTTTATGAGCAACCTGTCACTGAATGATGGGCGTATTCGTTTTCGCTTAACTTTAACGTACCACGGTATGCTTTATCGCA TGTGTGCGTTGGTGGTGATATCCGGGATTACGGGCGGTCTGGCTTATCCACTGCTGAAAATATGGATGATTGACTGGCAG AGCCAGTATTTCACGGGGAGTTATGCCTTCTTTACCATTTCTGTAAGAGATAAAAAAGGCCGGAGCATGCTCCGGCCTTC GTTTTCATCACTGTGTTTTGATTACAGCGCGGCGATAACAGCCTGCTGTTCAATCAGTTTCGCTTTCGCTTCCGCATAGC ATACGGCTGATTTCACCTTCAATCTTCGCCACTTCTTTCGCCAGACGCCCAGCTCATCTTCTTTGTTGATGAGGCCAGC TACTTTCCAGACGCCCAGGGTTTGCAGGAAGCCACGGTTTTCATTTACGCGACGTTCTGCATCCGCGCTGCAACCACGC AGCAGCAGCTCCAGCGGTTTGCCCGGCGCGATGTTCATTTCTGCACGGATGTTACGTACCGCAACGATCGCCTGTTTCAG CAGTGATACCGCAAAGTACTTTCACACGCTGCCAGATGGTTTCGGTGATGAACGGAATGATCGGATGCGCGAGGCGCAGC A GACCTTC CAGTA CAGTCACCAGCGTATGGCGAGTACCGCGCAGTTCTGCTTCGGTGCCACCGTTCATTACCGGCTTGGT $\tt CAGCTCGAGATACCAGTCACAGAACTGGTTCCAGGTGAACTCATACAGAATGCCTGCGGCGATATCGAAGCGGAAGCTGT$  $\tt CCGCCGTTGAAGCCGCAATCCTGACCTTCTGTGTTCATCAGCACAAAGCGGCTGGCGTTCCACAGCTTGTTACAGAAGTT$ ATCATATTGCCGGTACGTTTTTCCAGCAGTTCTGGCAGCGAAATACCGTCAACCATATCCAGTGGGTCGATAACGTTACC TGCCATTTTCATCTTTGATGAAGTGCATGGTCATCATGATCATGCGGGCAATCCAGAAGAAAATGATGTCGAAACCAGAT AGAAGAGAACCAGGTATCGAGAACGTCTTCGTCCTGACGCAGGACACATCAGCACCGAGGTTATTTTCTTTACGCACTT GAGATACACCAGTCCTGAATATCGCGCATCCAGGAGAAGTACATGTTTTCGTACTGCTTCGGTACGAACTGAATGTCGCC GCAACGACTGCTTTACGTGCAGCAAAACGCTCCAGTTTCTGGAACTCTGCAGGGATTTCGCTGGAATAAACGTCAGATTC GTTACCTTTGGTATCGAACACCTGGGCGCTTTCACGGATATCGCCGTCAAAGGTCAGGATGTTGATCATCGGCAGGGCGT GACGTTTACCCACTTCATAGTCGTTAAAGTCGTGCGCCGGAGTGATTTTCACGCAGCCGGTGCCTTTTTCCATGTCGGCG TGTTCGTCGCCAACGATCGGAATACGACGGTTAACCAGCGGCAGAATGACATATTTGCCAATCAGATCTTTGTAACGCGG ATCTTCCGGGTTAACGGCTACGCCAGTATCGCCCAGCAGGGTTTCTGGACGGGTAGTCGCGACCACAGATAATCTTTAC  $\tt CGTCTGCGGTTTTCGCACCGTCAGCCAGCGGATAGCGGATGTGCCACATCGAACCTTTCGATTCGCGGTTTTCGACTTCCACTTCACTTCACTTCCACTTCCACTTCCACTTCCACTTCCACTTCAC$ AGGTCAGAGATAGCGGTGCGCAGTTTCGGATCCCAGTTTACCAGGCGTTTGCCACGGTAAATCAGGTCTTCTTTATACAG  ${\tt ACGAACGAAAACTTCTTTCACCGCATTGGACAGGCCTTCGTCCATGGTGAAGCGTTCACGCTCCCAGTCGACGGAGTTGC}$  $\tt CGAGACGGCGCATCTGACGGGTAATGGTGCCGCCAGATTCCGCTTTCCATTCCCAGATTTTGTCGATGAAAGCTTCGCGG$ AGTACCGACCTGCCACAGGGTGTTTTTTGCCCTGCATGCGCTGATAGCGGATCATGGTATCCATGATGGTTTTGCTGGAAGG CGTGACCCATATGCAAACTGCCGGTGACGTTCGGCGGCGGGATCATGATGCAGAAACTTTCCTGGCTTTCATCGCCATTA
GGCTTAAAGTAGCCCTGCTTTTCCCAGTGCTCGTAAAGCGGCTGTTCGATATCTTGTGGGTTATATGTCTTTTCCATTAT TTCCAGGTTGCCGTATTCAGGTTGAAACCAGCCACGCGGTAGGCTTTATAGCGTTCGCGCGCCAGTTGTTTCAGAGAATC TTCATAAGGAACGAAGTCTACCACTTCTGTGAAAGCGGTGGCAAAATCTGCAAAGCTTGTTCGCAGACTAATCAATATAT TGCGGAACAAAGCTTTCTGCCGGACGCCCACAGGGCTTCATCCAGCCGGTAAGCCTGCTTTTCATCTTCACAGGCGAT GAGCACGCGCTTACCGCTGCGCCAACGTTCTGCGGCAATTTCACACACCAGTTGCTCAACGGCGCTTAAGCCATCGACGG TGGTGTCATTGTCCAGAAGGTAGAACGTCGCGTTTTTCATAAATGGGGCTTCTTGTGGTGGATTTAAATACGCATCAGGT ATACACCGCAGCGCCTGATGCGACGCTGTTGTGTCTTATCAGGCCTACGAGTTCAGTGCTGTGTAGGTCGGATAAGGCGT TCACGCCGCATCCGGCAATAACAGCCTTGCCTGACGCAATTACTCTTCGCCGTTAAACCCAGCGCGGTTTAACAGGAACT GTGCCAGCAACGCTACCGGACGACCGGTGGCGCCTTTTGCTTTACCAGAACGCCAGGCGGTACCGGCGATATCCAGGTGC GCCCAGTTGTACTTACGGGTAAAGCGTGACAGGAAGCAACCTGCGGTAATCGCCCCACCAGGACGACCGCCAATGTTCGC  $\tt CATATCGGCAAAATTGGACTCCAGTTGTTCCTGATACTCGTCACCCAGCGGTAAGCGCCATGCGCGGTCACCGGATTGTT$   $\tt CTCGTCCGCCAGGCATGTTTTCGCAGCCTGCCAACACGCCGATAACGTTAATCGGCAGTTGTAGCTCCGCGACCATCCGC$ ATCACGCCGTAAACCGCTGCCGCACCGCACATATCGTACTTCATCTCATCCATGCCTTCTGAAGGCTTGATCGAGATACC GATATTCGGCGCATATTGCCGAGATCTTTTGCTGCTTTAATCCCGGCGGCAATCGCCAGACCGTGCTGGATCGCGCGCT  $\tt CACCGCTGGTCACGGCGGGTCGGCACGTTGAACACCATCTTACGCAGCGGACGACGCGGTTCGCTCTTGTTCGTT$  ${\tt TTCAGCTGATCGAAACTGTAGAGCGTCTCTTTTGCCGTCTCGACAGCCTGACGCACTTTCCAGTAGTTGTTACGGCCTTT}$ AACGTGCAGCTCAGTCAGAAAGCAGACCGCTTCCATTGAGCCAGTATCATTCAGCGTATTAATGGTTTTCTGAATAACCT GCTTGTACTGACGCTCATCCAGCTCACGTTCTTTGCCGCAACCAATAAGGAGAATTCGCTCGGAAAGTACATTCGGAACA TGGTGCAGCAACATGTCTGCCCCGGTTTTCCTTCCAGTTCGCCCCGACGTAGCAGGGCGCTGATGTACCCATCGCTGAT  ${\tt TTTATCGAGCTGTTCTGCAATCGGAGAAAGGCGACGTGGTTCGAAGACGCCCACGACGATGCAGGCACTCCGCTGTTTCT}$  $\tt CCGGGCTACCGCTTTTTACACTAAACTCCATGCACTACGCTCCTGAATCTTAAAGACAACGGCGGTGGCTACAGATAGAA$ TTGCAAGCTTTCGTAACTCATGTCCGCTGTTGCGATGACTTCGTGTTAATCTTAACGTTATTACGGCATTGGCACGTCAG AACAAAATCTGAGAGGTGAATCCGTTGAGTATAATTATCTTAGCGACGACTTCGACGACTCAAGAGAATAAATGACGTTT AAGCCATGAAACAAGCTAAAATCCTGCAAAAGACGAGTTTTTACGGGCGTATTTAAAGTGATAATCATAAGATATCTGGT GCGGGAGACGCTCAAAAGCCAGCTGGCGATACTCTTCATCTTGCTTTTGATCTTCTTCTGTCAAAAGTTAGTGAGGATCC CTTATCCTGCCATTAAGCCTGTTCCTCGGGCTGCTGATGACGCTGGGCAAACTGTATACCGAAAGTGAAATTACGGTAAT GCATGCCTGCGCCTGAGCAAAGCGGTTCTGGTGAAAGCGGCAATGATCCTTGCGGTATTCACGGCAATCGTAGCGGCGG TTAACGTGATGTGGGCGGGACCGTGGTCATCGCGTCATCAGGATGAAGTGTTAGCAGAAGCGAAAGCGAACCCTGGCATG TTTCAAAGATGTGTTCCTCGCGCAAATTCGACCAAAAGGTAATGCACGTCCTTCTGTGGTGGTGGCCGATTCCGGACATT TAACCCAGCTGCGCGACGGCTCCCAGGTCGTCACTCTCAACCAGGGAACGCGCTTCGAAGGCACTGCATTGTTACGTGAT GCCATGCTGCTGTATCTACTTTTCTTCCTGATCCAGACCTCCCTGAAATCGAACGGCGGTAAAGGTAAGCTGGACCCGAC GCCTGCGCGCCAGTTTTTCGCGTAAAGGAGCGGTGTGATGCAACCTTTTGGCGTACTTGACCGCTATATCGGTAAAACTA TTTTCACCACCATCATGATGACACTGTTCATGCTGGTGTCGCTGTCGGGCATTATCAAGTTTGTCGATCAGCTGAAAAAA GCCGGCCAGGGGAGTTACGACGCGTTAGGCGCAGGAATGTATACCTTGCTGAGCGTGCCGAAAGATGTGCAGATCTTCTT  $\tt CTGGTTTTACCCGTATGCAGGTGGCGCTGTCGGTGATGAAAACCGCCATTCCGCTGGTCTTGCTGACGATGGCGATTGGC$ GAATGGGTCGCCGCAGGGCGAGCAGATGGCGCGTAACTACCGTGCGCAGGCGATGTACGGCGGCTCGTTGCTCTAC TCAGCATTTATGCCTTTAACGAGAATCGTCGTCTGCAATCCGTACGCTATGCCGCTACTGCGAAGTTTGACCCGGAACAT CACCTGGAAAACCAACCTCACGCCGGACAAACTGGGCGTGGTGGCGCTGGACCCGGATGCACTCTCTATCAGCGGTTTTGC TGTGGTCACCGGTATCAGTTTCGGTTTTGTCTTCTACGTACTGGACCAGATCTTCGGCCCGCTGACGTTGGTTTATGGCA TCCCGCCGATCATCGGCGCACTGTTGCCAAGCGCCAGCTTCTTCTTAATCAGCCTGTGGCTGTTAATGAGAAAATCGTAA  ${\tt CCGAATGAACGAATAAAGGGGAGCGAAAGCTCCCTTTATTATTGTTAGCAAAGTGTGCTTCGTTCATTCCTGAAAAATAAT}$ TAAAATTCAATATATGCAGTGGGGTGGGCATGATAAGACGCGCCAGCGTCGCATCAGGCAAAGACAAATCTCGCCTGAC TTACCTTCTTCTCCCCCCAGCAACTCCCCAACATCCCGCGTACAATCTGATTCGTCACTTGGCGAGCGGCGCTTTTGG  $\tt CCATTGTTTGCACCACCATCTTTCTTCCCGCCGCGTGGTCCGGTAGTGCCGAACAAATATCCTTCAATCCACCAAGA$ GCTCATCTTCCGTCACCGGCCCCATCCGCGAACAAGGCGCGATCACCATCGCACGCTCCACCACACAGAAGGGCTTCCTTTC GCATCCAGAAAAGAGATCAACGCCTCGCCGGTGCCCAGTTCCTGAATCGCCTTTTCGGTATCAAACGCCGGATTGGCCCG GCTGCCCGAGCACATTATCCGGAATATCAGACGGGTTTTGCGAAACGAACCAGACCCCACGCCTTTTGAGCGAATAAGC CTTATCACCTGCTCAATCTTATCCAGCAGTACCTGCGGGGCATCGTTAAACAGCAGATGTGCCTCGTCGAAGAAAAACAC CAGTTTTGGTTTCTCCAGATCGCCCGCTTCCGGCAATTGTTCATACAACTCTGAAAGCATCCACAGCAGGCTGGCGGCGT ACAGTTTCGGCATCTGATAAAGTTTCTCGGCGCTGAGGATATTGATAACGCCTTTACCGTTGGCATCGGTGCGCATCCAG TCTTTGATATCCAGCATCGGCTCACCAAAGAAGTGTGCTGCGCCTTGCTGTTCCAGCGACAACAGCCCGCGCTGGATGGC  ${\tt ACCAACCGATGCGCTACTGATATTACCGTACTGATTCTGGAAGGATTTGGCGTTATCGCCGATGTACTGGGTAATTGCCC}$ GCAGATCTTTAAAGTCGAGCAGTAACAGCCCCTGATCGTCAGCAATGCGGAAGATGATATTCAGCACGCCAGATTGCACA  ${\tt TCGTTGAGATTCAACAGTCGTGCCAGCAACAGCGGCCCCAGATCCGAAACCGTCGCCCGCACCGGATGGCCTTTCTCGCC}$ AAAGATATCCCACCACCACCGGATTGGCATGCGGTTGCCAGTCATTGACGCCGATATTTTTAAGCCTTGCGAGCAGTTTTTCCGACACCGTTCCTGCCTGCGCGACGCCGGTCAGATCGCCTTTCACATCAGCCATAAACACCGGCACGCCGATTTCC GACAATGACTCCGCCAGTTTTTGCAGCGTAACGGTTTTACCCGTCCCCGTTGCGCCGGTAATCAGCCCATGACGGTTAGC  $\tt CATTCCCGGCAGTAAAAACAGTTCTGTGTCCGGCGTGCGGGCAATTAACAGGGGTTCACTCATGAGATATCCTCCAGTTT$ CCTGCCTGGAGTATAGGCAACGTCCGGCAAAGAGAATACGTGTAATGAAGAGAAAATAACCTAAAGCGTGTTGCCGTGAT GCGCGTGGATTCATGCGTAATGGGGAAAGATTATGCAGCATCATCGCATCGCAATACCCCTGATAACGCTGTTCATCGCG GGTGTCATCTTTGGAACCGAGATACAGAATTTTGTGCCTGACTCGCTTCTCCAGCATGGTACACACCATGTCAAAAGCGG GAACGCAGAAATTTCACCGTCCTGATGGTGTGATATTTTTCCGAAAGTATAATCCCGTCAATGTTATAAGAGAGCAGGTT AATCACCGACTCTTCTCGGAATCGCGATCGTAATTGTAATTAGCAATAAGGGTCTGATAATTATGCTCAGAGGTGACGG ATTCTATTCCCGCGAGAATGTCAGCGAAGAGTTGATTTTGAAATGACGGAATCAAGATACCGAGGGTATAACTTTGTGCA TTCAACAACATGCCGGGAGCGCGATTAGGGATATAATTGATCTCTTCCATAATTTTGGCGATGCGCTCGCCTGTTTCCTT AAATTCTGTGATTGCGCATAACTTCTCCCAACGTCGGGGGAATCTTCAATCTTCCCCCGAAACTACATCACAATATTTTA TTCTTTCAGTGCAATACGGCGTTAATGGCTAACACGCCCAGCAAACCCATAATAGAAATAAGGGTTTCCATCACCGTCCA GGTACGCAACGTTTCACCAACCGTCAGATTAAAATACCCTTTAAATAGCCAGAAGCCAGGGTCGTTTACGTGTGACGCGA TCACGCTGCCGCACCGGTTGCCAGTACCATTAAAGCGGGATCGGCATGGGTAACGTTGATAATCGGCAACACCACACCC GCGGTGGTAATGGCCGCGACGGTGGCAGAGCCCAGAGCGATACGCAACAGCGCCGCAACAGTCCAGCACATCAATAACGG CGAAAGTGTAGTTCCGGTCATTAAGTGTGAAATATAGTGCCCGACACCGCTATCTACTAATACCTGCTTAAACGCGCCGC CGCCAGCGATAATAAACACAATCATCGCGATAGCGCCTATAGAATCCCCAATGATATCCATGATTTGCTCGATGGTGCGT  ${\tt CCATTACGTCGGCCCAGTGTGAAAATCGCAATAACAATGGCAATAACAGCGCCAACGGCAGGGTTACCGACAAATTCAAA}$ GAAGAGCCCACGGTGTTAGTTTTCGGTAACGTAATTTCACAAACGGCGGCGATAGCCATCAGGATGACCGGGATCACGG CAGCGAAAATACTGTTCCAGAAGGAGGGCATCTCCTCTTCGCTAAACAGATGAGGATTAAATAAGCCTTCCGGTGGTGCT TTCTCAAAGCGAGTTAGCAGTTTAGAAAACAGCGGTCCTGCGACAATAACTGTCGGAATGGTAATGATAAATCCATACAG TAAAGTCGTTCCGAGATTAGCCTCAAAGATAGTCGCGATGGCAGTAGGCCCTGGATGTGGCGCAGAAAACAGTGGGTTA  ${\sf CAGAGAGCGCTGCTACCATTGGTACGCCAACATACAACAGGGGTAATCCTGATGATGCTACGATGGTAAATACCAACGGC}$ TTTTTTACCAAAAGTAGCAATCAGCGTAGTGGCGATACGTTGTGCCGCACCCGTATCAGAAATCAGCTTGCCTAACATGG TCCATCCCTTCGGCAAATCCGACGACGCAGCTACCAGAACGAGGGCAATAAAGCCGTTAACTTTAAAGCCGATCATCAG GATAAGAAGCAGCGCGCGCCGCCAATAATGATTAATGCCATAGTCTTTATCTCTTATTAGTGCCAGAAAAGCAGCG CTTTCGCGCTGCACGTAGGGGGGCTGTTAAACAGCCACTAACATGCCGCCATCAACAACAACAACAGGTGGCCGTTTACGAA ATCAGAGGCTTTTGAAGAAAGGAACACCGCAGCACCAATCAGTTCCTGCGGATCTCCCCAGCGTGCGGCGGGGGTCCGTT TGCACAACCAGGCGGTGAAGGCTTCGTCCTCAACCAGTGCTTTAGTCATTTCTGTTTTTGAAATAGCCCGGCGCAATACCG TTGACCTGAATATTGTGGCGCCCAGCTCGACGCACATGCCGCGGGTGAGCATTTTTACCGCCCCTTTCGATGCGGCATA AGGGGTGATGGTGTCACGTCCCAGTTCGCTTTGCATCGAGCAAATATTAATAACTTTACCTGCCTTGCGTTCAACCATGT GACGAGTTACCGCTTGCGATACCAGGAACACGGCGGTCTGGTTTACTGCGATCACTCATTCCACTCTTGTTCAGGGAAC TCAGTAAAAGGATGACGGCGCTGGATACCGGCGTTATTCACCAGCACATCAATGGGGCCGATGTCCTTTTCGATATGTTC  ${\tt AACGGCGGCATCAATTTCATGTTTATGAGTAACATTAAAAGGTGCGGCAACGGCCTGAATACCCTCCTGGTGGAGTTTTT}$ CTACAGCAAGTTCTGCGCGTTCGGCAGTAATATCATTAATAATTATTTGTGCGCCATATTTACCCAGGCCGGTTGCCAGT AAAAAGCCAATGCCCTGTGCTGAACCGGTAATCAAGATATTTTTTCCTGCCAGTGAAAATAGATCGTTCATTGTATTATT CCTTTATTTATCTCTTAGAAAACAAGCTGGACTTTTGCTGCCTGGGTTTTATCACCGGCGAAACGTAGCGCCTCTTCCAG ATTCGCTGGTAAAACGGAAAGAGCCTCTGAGTGAAATCTCCTTACCAATCAACGTCATCATTGGGAATTCTGCCATCGCG TGCGGCATGAATCGCGACGGCTAAAGGTTCGGCAAAAGCCATAACCTTTTCGTCAGCTTTGGCCGGATAAGGGACACATT TCTGTACACTGATTCTCGTTATGTTCAATGCAGTATTTTGCAGTGACCGCACGGTTTAGACGGATTAATGGCTACCGTTTG TGAAATTACCTACTTTTCCTTCCTGATAATAATGTAAATCGGAACCGCAAATTCCACCTCGGGTTATTTGTACTAATGTT TTGCATAAATTCCTCACTGGTCAGGTAGACACCTCGGAAGCATTTAAGCGGTTTTAACTGTCATTATTTGTGATGAAGAT CACGTCAGAAAATTGTTACATTACTATGTTACGCATAACGTGATGTGCCTTGTAATTCTTATCAGTAGAAATAAAAAAAC  $\tt GTGAAATTATTATGCCGCCAGGCGTAGTATCGCAGCAGGTAAGATGATTCAGGAGATTTTAAATGGCGGGTGAAAGCTTT$ ATTTTGATGGGCGTTTCAGGGAGTGGTAAAACATTAATTGGTAGCAAGGTTGCCGCGTTATTATCTGCTAAATTTATTGA TGGTGACGATCTTCATCCAGCCAAAAATATAGATAAAATGTCGCAGGGTATTCCATTATCTGATGAAGATCGACTTCCCT GGCTGGAACGCTTAAATGATGCTTCATACAGTCTTTATAAAAAGAATGAAACAGGATTTATTGTCTGTTCATCATTAAAA AAACAGTATCGTGATATTTTACGCAAGGGTAGCCCCCATGTTCATTTCCTCTGGTTAGATGGCGACTATGAAACTATTCT AAGCAGATGAACAGGATATTGTGCGCATTGATATCAACCATGATATTGCCAATGTCACCGAACAATGTCGGCAGGCTGTG  $\tt CTGGCGATACGACAAAACAGAATATGTGCGAAAGAGGGCAGCGCCTCAGATCAGCGCTGCGAATGATTTTCAAAAATCGG$  $\tt CTTTCAACACCACGCGGTAACGCGCCTTACCGTCGCGCACATGCTGGATGGCGTCGTTAATTTTCGACATCGGGAACAGT$ TCGGTGGTCGCCGCAACCTTGCTGCGGGCGCAAAACGCATCAGCTTACGCAGCTCATAAGGCGTGCCGGTAGCAGAACC  ${\tt TACCGCCATAGGTCAGCGCCTCAAAATAGGGCTGCCAGTCGAGGCTGACGTTGACGGTGTTGATAATGAGATCAAACTGC}$  $\tt CCCGCCAGTGCTTTCAGTGCCTGCGGATCGCGGCTATTCACCACTTTATCGGCACCCATCGCCAGCACTTCCTGCTCTTT$ CGCCGGATTAGAACTAAAGGCTGTCACCTCGCATCCCATTGCGTGCAGAAGTTTTATAGCGATATGCCCCAGCCCGCCAA TACCAATTACCCCAACGCGGCTGGTAGCAGTGATATGGTGCATCAACAGTGGTTTAAAGACCGTGATACCGCCGCACAAC GCCACCGCGATTCATAATCGTCGGCACCGCACCTTGCTCGCAGTTGATCTGATTACCGCTAATACAGGCGTCGCAGTGAC ACCACGCGCCCAATCACCTCATGCCCGGCAACCAGCGGATATTGTGAAAATCCCCATTCGTTATCGATCATCGACAGATC GGAATGGCAGATCCCGCAGTAATCCACCTGCACTTCAACATCTTGTGGCCTCAGCTCACCGGGATCGTACTCATAAACTT  $\tt CCAGTTCGCCGCCTTCTTTTGCGGCATAGCTTTTTATCATCGACATTTTTTTGGTCCTTCTTCTGGTGTTTTTTGGGAA$ GTGTAGAGCATGGCAGGGCGGGGTGCCTGGAGTGTGACAAAGGTTACACATCGCTGTATGCAAATGCTGAAAATTTCAGCA  $\tt CTTAGCGAGGTGCGAGCAAGCTGGCGCTTGCATGGTGGCGTGCGACAGGTATAATCCACAACGTTTTCCGCATACCTCTT$  $\tt CTATATTAACTCTCAAGGTCAACCGATATCAACGTACATCTACCAACATATGTTGGTACAGATGATGGTATTTCCGGT$ TCGATAATGCTTGTACCAACAGGGAGGGAATACGATGGCATTAACAGATATCAAAGTCAGAGCCAAGCCAACCGATA CGTTATGAGGGAAAGCAAAAAATGCTGGCACTTGGGGTTTATCCTGAAATCACACTAGCGGATGCCAGAGTACGTCGTGA CGAGGCGCGTAAGCTGCTTGCGAATGGCGTCGATCCGGGAGACAAAAAGAAAAATGATAAGGTTGAACAGAGTAAAGCAC
GAACCTTTAAAGAAGTCGCGATTGAGTGGCATGGCACCAATAAAAAGTGGTCTGAAGATCACGCCCATCGTGTGCTAAAA AGTCTTGAAGATAATCTTTTTGCAGCGCTTGGTGAACGTAATATCGCTGAGTTAAAAACTCGAGATTTATTAGCACCTAT TAAGGCCGTAGAAATGTCTGGACGTCTTGAAGTGGCCGCTCGTCTTCAGCAGCGCACTACAGCCATCATGCGCTATGCAG TGCAAAGTGGGTTAATTGATTATAACCCGGCACAAGAGATGGCTGGGGCGGTTGCTTCCTGTAATCGACAACATCGTCCC AGAACTCACTTTGCTGATCTTTATTCGGTCCAGTGAGCTGCGTTTTGCTCGTTGGTCAGAGATCGATTTCGAAGCGTCTA TATGGACTATCCCACCGGAGCGGGAGCCTATTCCTGGAGTGAAACATTCCCATAGAGGCTCAAAAATGCGTACAACGCAT  $\tt CTAGTGCCTCTTTCAACGCAAGCTCTTGCAATTTTAAAGCAGATAAAACAGTTTTATGGGGCCCATGACTTGATATTTAT$ TGGTGATCACGATTCGCACAAACCCATGAGTGAGAATACGGTAAATAGTGCGTTACGGGTCATGGGGTATGATACAAAAG TAGAGGTTTGTGGTCATGGCTTTCGAACAATGGCCTGTAGTTCATTGGTCGAATCAGGTCTGTGGTCTCGTGATGCTGTT GAACGTCAGATGAGCCACATGGCGCGAAATTCAGTGAGGGCCGCGTATATCCATAAAGCAGAGCATCTGGAAGAACGGCG ATTGATGCTACAGTGGTGGGCCGATTTTCTGGATGTAAACAGAGAAAGGTTTATCAGTCCATTTGAATATGCAAAGATTAATAATCCATTAAAACAGTAATCATCCCGGGCAAATGCCCGGGAATTATTCTAGGATTATTTTCTTTGTTAAAAAAAGACAA TACATTCAATAAAAAAGTAACCTCATAAAAAAATCCTGTACTCACAGGGTGATGCGGGATAACTGACGTAAGGAGTGCTGC AGGGATTTGATGGTCCCTTGTAGACTGGCCCCCTGAATCTCCAGACAACCAATATCACTTAAATAAGTGATAGTCTTAAT AAAAGATCGCAATTGTTCAGCAGAGCTTTGAACCGGGGATGACGGTCTCCCTCGTTGCCCGGCAACATGGTGTAGCAGCC CTCTGAACTTGCTGCCGCCATGAAGCAGATTAAAGAACTCCAGCGCCTGCTCGGCAAGAAAACGATGGAAAATGAACTCC TCAAAGAAGCCGTTGAATATGGACGGCCAAAAAAAGTGGATAGCGCACGCCCTTATTGCCCGGGGATGGGGAGTAAGCT CGCAGTCGTCACACTGATGATACGGATGTGCTTCTCCGTATACACCATGTTATCGGAGAGCTGCCAACGTATGGTTATCG TGCGCCAGAATGCGCTGTTGCTTGAGCGAAAACCTGCTGTACCGCCATCGAAACGGGCACATACAGGCAGAGTGGCCGTG AAAGAAAGCAATCAGCGATGGTGCTCTGACGGGTTCGAGTTCTGCTGTGATAACGGAGAGACTGCGTGTCACGTTCGC GCTGGACTGCTGTGATCGTGAGGCACTGCACTGGGCGGTCACTACCGGCGGCTTCAACAGTGAAACAGTACAGGACGTCA TGCTGGGAGCGGTGGAACGCCGCTTCGGCAACGATCTTCCGTCGTCTCCAGTGGAGTGGCTGACGGATAATGGTTCATGC TACCGGGCTAATGAAACACGCCAGTTCGCCCGGATGTTGGGACTTGAACCGAAGAACACGGCGGTGCGGAGTCCGGAGAG TAACGGAATAGCAGAGAGCTTCGTGAAAACGATAAAGCGTGACTACATCAGTATCATGCCCAAACCAGACGGGTTAACGG GAATATCTGCGCCAGCGGCTTGTAATGGGTTAAGTGATAACAGATGTCTGGAAATATAGGGGCCAAATCCACCTTGTGCT GATATGAATACGGATATTTTATACAGAATACTTTTCAGTACAAGCGACTGTATTACAGTCTGCCATATATGATTACCTGT GATCAGGAAGAATAAGTGGCTGAGGTTTCAAACTGTCTGCCGGTATATTCCTCTCTCCCTTAAAAACCATAACAGGTTAG TTATCTTCGTCTGTCAGCGGATTGAATGGCGGTATATTTTCAGTACAAATACCGGTCATCCACTGAAAAATACCTGCGAA ATGACGGCACTGATTTTTCTACTGACGGGCTGATGAGACGTTATGTCACTGGCGGTAATAATCAGTGGCACACTGTAGCACTAGCACTGTAGCACTAGACACTAGACTAGACTAGACTAGACTAGACTAGACACTAGCGAAATGACGTGAGTACCGGCGAAGGATACCATCAAGCTGGCCAAGAAAGTTATCCAGTTTACTGATGCTGGCGAGGTA A CAGGCAATTTTTCGGGGATACTGCTCCAGGTAATTATTCGGCTAGGAGTTAAGGCTGTCACACGGATTTGGATGAGAAC $\tt CCATCATGTGCAGGAAAATTATCTTCGGAGAGGATGTATCCGCCAGCGCACGTTCTGTTTCCTGTAACAACAGTTTGTCAGTATCTGTCAGTTGTCAGTTGTCAGTTGTCAGTTCAGTTTGTCAGTTGTCAGTTTGTCAGTTGTCAGTTCAGTTTGTCAGTTCAGTTCAGTTTGTCAGTTC$   $\mathsf{TCTGTTTTACGGGAAGCGAAGCTGCCTTTCTTGAGGAAAGTGGCATGCTCCGCATCAGAAGCAATAACAGAGATGCGTGT$ GTCATGCTCCCCCAGTTTTCCTTGATTGGATATCCACCATGTGCTGTATCCTGCTTTTTGCTGCCAGCGCCACCACTTGT TGCCGGAATCAGGGTTCTGCTCATAGTCATAAATCAGTGTCCGGCTCAGGGAAGACACTGTACTGGAGGCTGTCGAGGTA  ${\tt CCTGCGCACACTCTCACCAGTGACAATAACAATCGTATCATATAACGGTGCTCCCGGCTGGATTTTCCAGTTGTCAGCCC}$ CGTGCTACTCAGTTGTTCATAACGCTGCATTTCACGTAATGTGTCAGTTGTCCCCACAACTGTTCCTTTAACCATCCGCA AAAATCACCACGAATACCAGAATCGCGGCACTGACCAGAAAATGATAAACAGGAAACACGGGGCGGTTCACTTTGCTTTC TCCTGTAGTGTTTTCTGTAGGTTCTGAACCGGTTCTAGCGGGGTTGTGAGGCTGATGGCAATCGCCGGGCTCTTCCTGCA TGTTACACTGGTACTGCAAGAGGGGGCCTTCGCTCCTCTGACATTACTCAGTATTTTCACTACTACACCCCATCTGCCAT  $\tt CGGCCCGCATAACCCGTTGACTTCCTGAAGAAGTCGTTTCAGGGAGAGATTCAGCCCTTTTGTTACCTCCTGGACCGCTT$  $\tt CTGCCGGAGTGGCCGGAGGAGAGGTTGGCTGAGTTACTGCCTCTTGAGGGCTTTACCTTCTTCGGGTAAGTGATACCTGC$  $\tt CGTCAGGTGTTTGTGCACCGGGCCATAACCTGCAGTTGGGAATTGAACGCCTGACAACAGGAAATGAGCTAGAGCAGTAA$ ACACGCGGGCTGACAATGGGTCAGAATATGAGTTAGCCCGGCGTTATTCCTGGGGTCAGTACTTCAGATCTAGCCTCCGG TACCAGACTAGCTAGCCCCTACGCAACCAAATAAATCAACCATCGTCAGAGTGCAATCGTTCATATACACTGTCGGTGAT GCGCTAAAAAATGCGTTAATGTTGAGTTCCTCGAACCCTTACCAATTAAGGGACATAGCCAGATACGCAACTGGCTGATG CAAGCAGTCTAATGTCTTTAGATCCGCTGGCCTGCGGGCATGACAATGTCAAACAGTCAAAGATTGTGGCGTTGACGGTC AGTCTTGGGGACAAAAAGCTCAGTATTCTCGTTGGCAACCAGATAATTTAACAGTTGATGCTGAAACGAAATAGGCATC TTGGTTCTGTAATGCCAGTCAGTTAAGCAACTGACTGGCTCTTTTTCGGGGGCTGTGGGGTATTTCCAGGGCCTCTCCTTT  ${\tt ACCACTCTCGGGAAGGCCCTTTCCCTTCTTGTCGGTAATTTCACAAGTTGTCCCATACTTGCAAGATCGCGCATCAGCTCAGCTCAGCTCAGCTCAG$ 
$\tt CGGTATACGTCCCGGTGAAGCGCCCTGCAATGTCATCAGCATTCTCATCACCATTCCGCATGATTCTGAGAAACTCAGTT$ GATTCGGCCAGTAACCTTTCAGATGTTCCGCCATTTTAATCATCTGATATCTCACCAGATTATAAGCCAGTAAGACACCC  $\tt CACAGCTCTTGCTCCACAAGCTCCGGCTTTTTACTTCTCAGCGTCAGCCTGCTCCGTTGCATCGTCTGTTTTATCTCCCT$ TTTTTCGTGCCTGCGGGCTGGTTTTCAGCTTCACCAGATGATCGCCTTTACCCAGTTTTCTGATCTCTTCATATTGCGC TCCCTTTCTGAGAGGTATCATCCAGTGGCGGTGTTCTCCCGCCAGGCTCCAGGCATTTAACAGTCCCAGTGAGTAATAAC GTGCCGAAGGCTGCAGCCGTCAGCAGATGGCTGGTCAGTTCCATCTGGCAGACCATTTTGACCTGCGGGTAGAGCGCCGG GTTCCCGGCATGTGTCTGGCGGGGGAAGGCTGCATCGTTCTCTGGTGTATCCGGTGTGCGCCAGAACACACCATCGATGG  ${\tt ACAGCCTCACTTCCCAGGCGCTGGCGGGCCTGAATAACGGCACTGGGGGCAACGAAGGGGCGATTGCCCGGCAGCATGAT}$ GTCCAGGCGATTCACAATCTGGTGAAGAGGTTCTTTACGCTCAAGCGCCATGCCAACAATACACCAGACCATCATTTCGA GGGGAAGACGGCGCTTGCGTAGCGTTACAGTACCTGATTCGGCAAGGCAACGAGAGATGAGTTCGGGGTCGAGGTAATCC  $\tt CGGAAACAAGTGAGCGTTTCCGGATTCTTACACAGCCACTGGATCGGTCAACTGATCCTTAACTGATCGGCATTAATCTT$ GGTTCTGGTGTTTGTAACAAACTATCAGCTACAAAAATATGCTCAATTTTGTGACATCAGTAACAAAACGCGTTTTGTTAT GTGGATTGCTTGTTTTTTGATCTGGTATAACAGGTATAAAGGTATACAGAAAAGCAAAGAAATACTGCAAAGGAAAACAG  $\tt CTATAACGTAAGCTAAAGTAATAACCTCTCAGTCTTTCCTCATTTGACGAAGGGAGTTTTATTCAACCTGAACGGACTAC$ GAAAATGAGCACAATGAATAAGTCAATTTTTGAAGCAGGGTTGAACTGTGCCAGTGGTGGAATATCTGGCGAACATTGTT TTTTGTTGGTGACCCAAAACTGTAGGTGGGTATCAGTTTTATCTTTCATAGAGTGAAATATGTTAAGAAGAAATGGAGGA AAAGATTGTACTGATTAGGTATTGATAACAATCAATAGTACTGGCGTATTTGAAGACAATATAATTATTTCTGGATATTG TTGAGGCTCCCTAATATTTACTTTAAGGGCTATATTAGAATAACACAGGAAACAAATATGGCAACAGCATGGTATAAACA AGTTAATCCACCACACGGAAAGCTCTTTTTTCCGCATGGCTTGGATATGTATTTGATGGCTTTGATTTTATGATGATAT TTTACATTCTTCATATTATAAAAGCAGATCTTGGCATTACGGATATTCAGGCTACTTTAATAGGGACAGTGGCCTTCATA GCCAGACCTATTGGAGGTGGTTTTTTTGGTGCCATGGCTGATAAATATGGTCGTAAGCCAATGATGATGTGGGCAATTTT TAGGGATGTCTGGTGAATATGCATGTGCTTCAACTTATGCGGTAGAAAGTTGGCCTAAAAATCTTCAATCTAAAGCTAGT GCTTTTTTGGTAAGTGGTTTTTCTGTTGGAAATATTATTGCGGCACAAATAATCCCTCAGTTTGCTGAAGTATATGGATG GAGAAACTCTTTTTTATAGGCCTGTTACCAGTTTTACTAGTTCTTTGGATCAGAAAAAGTGCTCCAGAAAGTCAGGAGT TAATACAGTGGTCATTTCAACTCTGATGACAATAGCAGGTTTAGGAACACTGACAGGTACAATATTTTTTGGTTTTGTTG TCTGTGAAAAACTCTTCTCTTATAGGATTATGTCTCTTTTGGATTAATGTTTACAAATTTAGGTATTGCAGGGTTTGGTTCC GAATGCCCGCACCTGTATTAGCTACATACATTTCAGGATATTATGCCTTAGGTGTTTCATTATTCATTGTTACGGTTGCA TTCTCTGCCTTATTAATTTTGTTAGTTGGTTTTGATATTCCAGGTAAAATTTATAAACTATCCGTGGCTAAATGATTGGA GGCTTTATGATTAATTATGGCGTTGTTGGTGTTGGATACTTTGGCGCTGAATTAGCTCGTTTTATGAATATGCATGATAA TGCAAAAATTACATGTGTATACGATCCTGAAAATGGAGAAAATATTGCCCGTGAATTGCAGTGTATCAATATGTCAAGCT TGGATGCTTTAGTCTCAAGTAAATTAGTCGATTGCGTGATCGTAGCCACCCCAAATTATCTGCATAAAGAACCAGTAATT AAAGCAGCAAAGAATAAGAAGCATGTTTTTTGTGAAAAACCAATTGCATTAAGTTATGAAGATTGTGTGGATATGGTCAA AGCGTGTAAAGAAGCTGGTGTGACCTTTATGGCCGGGCATATTATGAATTTTTTCAATGGGGGTTCAATATGCACGGAAGT TAATTAAAGAAGGTGTTATCGGCGAAATATTATCATGTCATACTAAGAGAAATGGCTGGGAAAACAACAAGAGAGACTT  ${\tt TCCTGGAAAAGATGAAAGAACAATCTGGTGGACATCTATATCATCATATACATGAGTTAGATTGTGTTTCAGCATTTACT$ TGGAGAAATACCAGAGACGGTTACTATGATTGGTGGAAATTTGGCCCATTCTGGTCCAGGATTTGGCAATGAAGATGATA TGTTATTTATGACCTTGGAATTCCCGTCAGGAAAACTAGCAACCTTAGAGTGGGGGAGTGCATTTAACTGGCCGGAACAT TATGTCATCATCAATGGAACTAAAGGCTCTATTAAAATTGATATGCAAGAAACAGCAGGGTCACTTAGGATTGGCGGTCA GACAAAGCATTTTTTGGTCCATGAAACACAAGAAGAAGATGATGATCGTCGGAAAGGCAATATGACCTCAGAAATGGATG GCGCTATAGCATATGGTCATCCAGGAAAAAAAACACCATTATGGCTTGCCAGTTTAATAAGAAAGGAGACGTTATTCCTC ATTTTAGCAGTGCCATTTATGATAAAAACATCCCTTAAAACCAATCTAATCTTTTTCTTCCTCTGTGTATTTTGTTCCCCA TATGGCGTCATAATTTACGCTACGTAATACGGGATAGTTACGATACGCAGCGATAGCGCTAAGTTTTAGTTAAAATCCCC CATCAGCGGGATATGGGGATCTCTGGGAGGTTCAGGTTTTAGCATCGCGACTTTAATACGACAGACGCTGGTGACGATGA TATTGGGAAAAGTAGATACATTCAAACTGTGTACGCTGTTTCGTCTCACAGGTTCACGACATTGCTGGCCGATGAGCTGAC CATTGGGCCTATCCGGGCTGTCCCGATGGATATTACGCCGAAGTATGTGGGAATTGCCAGCGGATTGATGAACGCCGGTT  ${\tt CCGCTGTCGCCGACATTATTTCACCTATCGCCTTTGGCATTATTATCGACAAAACAGGCAACTGGAGTTTACCATTCTACATTCTACCATTCTACATTCTACCATTCTACATTCTACCATTCTACATTCTACCATTCTACATTCTACCATTCTACATTCATTCTACATTCTACATTCTACATTCTACATTCTACATTCATATTCTACATTCATATTCTACATTCATATTCTACATTCATATTCTACATTCATATTCTACATTCATATTCATATTCATATTCATACATTCATATTCATATTCATATTCATATTCATATTCATATTCATATTCATATTCATATTCATATATATTCATATTCATATTCATATTCATATTCATATTCATATTCATATTCATATATTCATATTCATA$ GGTTCCGTCGCATTGCTTGTTATTGGTATATTCCTGACGTTCTTCATGCGTCCAGATAAGTCATTGTAAAAGTCGAATCA GGGCTGAAGTGGCACACTGAATTTGGCCACCTGAACAGAGGTGATATGCTCACCTCAGAACAACACAGGTGCTCCAATGA AAAAAAGAAATTTCAGCGCAGAGTTTAAACGCGAATCCGCTCAACTGGTTGTTGACCAGAAATACACGGTGGCAGATGCC GCGAAAGCTATGGATGTTGGCCTTTCCACAATGACAAGATGGGTCAAACAACTGCGTGATGAGCGTCAGGGCAAAACACCC AAAAGCCTCTCCGATAACACCAGAACAAATCGAAATACGTAAGCTGAGGAAAAAGCTACAACGGATTGAAATGGAGAATG  ${\tt AGTGTCTTTCTCGGTCTGTTTTAGCTGAGCAGCAGCAGCAGCTCTAGTTCATGTTGAGTATATTGGGCAAGACATGTCTT}$ AAACTTTAACGCCGGTGCTGACAGTAAATTCTAGATGTCTGGCCAGTTCCATTCCTCTGTCCCATGTCAGTGATTTTCTG AGTTCTGACGGTAAACTCAGGAATTTGTCGGTAAGAGCCTGATTTACTGAGACAGAATCTTTGCCCCTGAGTCTAAGGAT GATCGTATAACGTGATTTTCGGTCTACAAGTGTGGCTATATGAGAGTTTTTTGTACCTGAGACTAAATCGCCCTCCCAAT  $\tt GCCCTAGAGAGCGTCTGTTATCGATATTTCGGGAACGTTCGTGAATTGGTGTTCCGTTCACTATGTTAATCGTACCTCTT$ TTAACCATCCTGATATTTGCTCTGGAGACCATTTCATCTCCAGCTTTTCCAGAACAAGCTTTCGCAATGGTAAATTTTGA TCCAGTAAGCACGGTTTTGGCCTTTTCGCCATTCTGTTGGCTCGGTTATTAGCATCAACAGCTTTGTAATAGCGTCTGCC  ${\tt CCGATTACGCTGAACTTCACGTGAGATCGTCGAAGGACTGCGATTCAGCGCAGTAGCTATCGCACGAATGCTCATTTTGG}$  $\tt CTGACAAACCAGCTCGTATCTCCTCGCGCTCAGACAGTGTCAGGTGAGCTACAGCCCGCTTACGCTCATGGGGTTTTATG$  ${\tt CCGCCAGTATCCCTTAACATAGTGAAGATCGTTCCGGGTTTTGAACCCAGGATATTCGCTATTTCACTGAAGCCTGTTCC}$ GTTCTTCCATAGTTCAAAAACAGAGGCTTTTTCCTCTGCTGTAAATGTTCGTCTCATTCAAAAAACCTCCGCAACCCCAT GTTTTCACATAACTGTTGCGTTGACCAATTGAATCTACAGTTGCTTTTTTTAATATATCTCGCTCAAGGCGAGCTTCATT TAACGCCTTACGCAGTTGCAGAATTTCAGATTCCAGTTCAGCCACCGTGCGGGAACCAGGAGTACCGAGCCCTTTTCTGG AGAACCGTTCTGACAGCTTCGGCTTTGAACTTTTTAGAGTAACGTTGGGTTTTTCTGCTCATTATTAGCTCCTTCTGATG GGCTGTATTACGCAGTCAGGTACTTGAGCTACATGGCATCAGCCACGGTTCGGCCGGAGCAAGAAGCATCGCCACAATGG GCCAAATCAGGTGTGCGGTGATGTGACCTATATCTGGACGGGTAAGCGCTTGGCCGTTATCTCGACC TGTTCGCAAGAAACCAGTGGGCTGGGCCATGTCGTTCTCGCCGGACAGCAGCATGTACCATGAAAGCACTGGAAATGGCA TGGGAAACCCGTGGTAAGCCCGTCGGGGTGATGTTCCAAGCGATCAAGGCAGTCATTATACGAGCAGCAGTTCCGGCAG TTACTGTGGCGATACCGGATCAGGCAGAGTATGAGTCGGCGTGGAAACTGCTGGGATAACAGCCCAATGGAGCGCTTCTT CAGGAGTCTGAAGAACGAATGGGTGCCAGCGACGGGCTATGTAAGCTTCAGCGATGCAGCTCACGCAATAACGGACTATA TCGTTGGATATTACAGCGCACTAAGACCGCACGAATATAATGGTGGGTTACCACCAAACGAATCAGAAAACCGATACTGG AAAAACTCTAACGCGGAGGCCAGTTTTAGTTGACCACAACAGACTACCTGAAGGGAGCCGCGGTCGCCTGGCAGTTGCAG TAGCAGGAGATCATCCAGCCGCAGTACAGGTCACGATGACTCTGGTTAATGATACCGGCTTTTGACCCCGTATTTTCCGGC TCTATCGCTGAATCATGGCGTCAGCAGCCGTGCACACCATCCTATTGTTGTGACTGGGAGGCTGCCACCATGCTTCGCGC TTTCCCTCTGGCGAAAAAGGGAGAAGGACGGCCCGTCTGCCTTCACTTTATGCCAGCTTCGGTAAGCTGGGTGAGACAC CGACTCATGAAGATATCATTGATAACAATCGATCCATCAACTGGCCTGTATAACGTGGCTGCCGGTGATTAAGAAAGCTG CACCTACCTAAGTAGCAAACGCACACTTTTTAGAAAAATCGATGGTCAGAAACTGGATTAGCAATTCCGTTCCATGG TTGCTTTTGATTTACGTTGGCGTCTGATCATTGATTTATCCTCAAAAGCCCAACCTCATTGGTAATGAACCAGCTCCGTG  ${\tt AATGTCCGCTCTGGCACAGAGCGAAATTTTTTGATCTCCCCCCTGAAATCTAAACTTAGTCATGTCACGTTTTTGGGTTT}$ GCAAGCGGATGGACGATGAGTATTGGTAATCTTTCAGAGTCCGGAAAAGTTCAGCCCCAGTCTGAACAGGCTTGCTGGCG  ${\tt CCAGTCCAGTTTCATTCAGTCGTGGTTTGGTTCTTACGGCCTGTGCAATCTACCTCATTAGGCACATCGGCCTGCCAGAT}$ TTGCGCCATAACATGTCCGTTTGCCATTACCACCAGTTGATCGCAGTACCGGCTAGCCTGATTAAGGTCGTGCAGCACAG GTTGGCTCATCAAGTAATACAACGGGCGTATTCTGGGCCAGGACCATTGCCAGAAATGCGCGCTGGCGCTGACCGCCGGA AAGCTCGGTTAACCGACGAACGCCAAGATGATTGATCCGGGTCTGGTTCATGCCGACATTAACTCGTGCATTGTCTTCAG  $\tt CGGAGAGACGCCCCCAGAGTGACAGCCAGGGATTACGACCATACGAAACCAGCTCCTGGACTGTGATCCCCTCTGGCGTT$ AAATGGTGCTGAGGCAGCGAAAGCCTGCGGGCCAACTGGCGCGATGAGAGCATATTTATGGGATTATCGCCGAGAAA TACGGTGCCAGACTGCGGCATTAAAAGCCGCGAAAAACAGTTTAACAGCGTCGATTTCCCGCAACCGTTAGGACCGATCA TCAGTTCGTAAAGTCATTTATCGCATTCTCACAAGCAACCAGACAAACCACGGCGCACCGATAATGGCGGTCAGCACGCC AACCGGGAGCTCCAGTGGGGGATGAATAATTCTCGCCAGCAGCAACCACCAACAGCAACGCACCTGTCAGGGCCG AAACAGGCAGCAGTCTGCGGTGACGTCCACCGGTGATGCTACGCATCATATGCGGCACCACGAGACCAATAAAGCTAATC GGGCCGCAGGCGGCCGCCGGTAGATGTCATGGCGACAGCTAGTAACAAAGCCCAGAATCGGGTATGGGGCACCGACAC ACCGAGCGTGGTGGCGCGCATCGCCGAGTGCAAGGAGGTCGAGATCGCGGCAAAAACTCAGGCTCAGCGGCAGAAATA AAATCATCAGCGGGATGGCAATCTTCACAAAGCTCCAGTCACGGCCCCATAAGCTGCCGGTCAGCCACAGCAGGGGCGTTG TTCACATCCTGCGGGCGCGAGAGCATCAGATAATCCGTCAGGCTGGCCCAGCATGCAGAAAGCGCCACGCCGGTGAGCGC GCAGCACCATCACGGGCAGTGACGGCATAAGAAGTAGAGCCCCCCACAGAGGCCAGGCTGGCGGCATGGTTAACACCGAGA TGCCAGCAGCAGCGCGCAGTCGGTACTCCATCAATACATAATAATGCTCGTGTCCGGCCTGCCAGTCGGTCAGCAGCG AGCGCAATTTTCATCCTCGCCTCCTCACAAGCCAGACAAAGCAAGGGGCTGCCAATCAGCGCCAGCACTGCGCCTGCGGGC
AGATCTCCGGGGAAGGCCAGCGCGCGCGAGTACATCTGCCAGCAGCATCAGCGTGGCCCCCAGCAGCATGCTCACTGG GTATGGGCGGTGCTGTCGCTGAGGTTGAGCAGGTTCAGTTGATTCGCCAGCAGCACACGGACAGGGACTGCAGTGACCAC GATCTTCGGCCAGCAGCAGGGTGATGCGGGTAAGGCCCATACAAAAGGCCGACAGCGCGATACCCGCGAGGATCAGTTTG GAATGACAGAGAATAGCCTGCAATCGGCGTCGGACTCAGCGCGCTGGTAAGCGCCATAGCCAGCGCCGCCGCCGCTGTTAA TGCCGAGCAGTGAAGGAGAGGCCATTGGGTTGTGGGTCAGGGTTTGCAGCAGCGTGCCCGCGAGCGCCAGGCTTGCGCCG CAGGGCGCGGGTTGCATCTGCTCCGGAAACAGGAATGGCCGAGTAGCAAAACAGACTCAGCCAGAAAATAATAATAAGTG TTTTTACCGTGTCAGCGGCAATACGCTCTGCAGCAAAAATACCGCGCATCCGCGCCCAGGTGTTACTGTCGACCGAAGCA ACCTGCTGCTTCTGCGCGGCGGTTAACATCTGCCAGAGCGGATCTTGTTGCCAGCGTTTAACAATGCTCTCTTCGCGATA GTGGGCAACCAGCAGCCAGGCAGGATTGACCGCCAGCAGTTGCTCCAGGCCGATGGACGCATGGACGCACCCGCCATCG  ${\tt ACGTGCCTGCATCTCTCGCTTTTTACCCACCATTTCGCCGATGATAGCCGCAGATTGCAAATTTTCAGCGTAGGTTTCGT}$ TGCGGGACTTAAGCAGCAGTACCGGCGCGATTTGCTGCAAGGCGATGTAAACCCCCGCATGGCGACTGCTGTCGGCAATG CGCACGCACTTCGGGCAGGATGCGTTTTGCATCGTTATCGTCGGCAATACCGATCGGGATGACGTCCACGGCGCCAGCG CATCGGCGAACGAGGTTCCAGCACCACAATCCGTTGTGGCGTTTTTTCGAGTGTAAACGTGCCGTGTTCGTCCTGAACC GTGGCGGCAAAGGCGTGGCTGATCACCAGCAGCAGCCTGCAAAAAGAAAACGGATAAATGCCAACATAATCACATTCCA GCTAAAAGCCCGGCAAGCCGGCGTTAACACATCAGAACTTCAACGACCCCTGCATATACAGCGTGCGCGGCTGGCCTGC ATAGATGCCTTTGTTGTTGTCGTCATAAGAGCGGATGAAGTAGTCCTGGTCGAAGATGTTTTTCACACCGAATGCCAGGT TCAGATCTGCCATCTGCGGGCCAAAGTCATACGCCACGCGTGCGCCCCAGAGCATGAAGCCGGGAATGCGGCCGGTACTG GTTTCCTGGCTTGTAGTCCACGCCCAGCGTGCCTTTATGTTTCGGGGAGAATGGTACCAGATTGCCGTAGGTGTCGCCTT TCTCGCGGATTTCCGCGTTCACATACGCATAGCTGGCGTAGATGGAAACGTTATCAAGCGTTGGCGTTAGCGTACCCAGA GTACTGATTGTTAAAGTTAATCAGGAACAGCCCCATTTCCGCCGTCAGCGCGCCGTCGTCGTAGCGGGTACCGAGTTCCC AGGTTCGCGCTTTTTCCGGTTCAACATTGCCGCTTTGCACAGCCTTGCCAATCTGGCTGTACTGTACGGTGCCGAACGAG  $\tt CCTTCAGTGTTTGCATAAAGATTCCAGCTGTCAGTCAGTGATAGAGCACGTTCAACGCCGGAAGCGGTGCGTTATAGCT$  $\tt CACTTCTTCGTGCGTGCCTGTGATGGCGTTGTTCTGGTATGACTCGATATGTTCGAAACGCATACCCGGCGTGATGGTCC$ AGTTGCCGATGTCGATTTTGTCATCCAGATACCAGGCGTGCGCCTCGGTGCCGGAACGCGTATCGCGGTCGTAAGGGCTT  $\tt GCGGCGAGAGGGTGATGCGTTTGCCTTGCTCCAGGTAGCCGCTGCGCAGGGTTTGGGTGTAGAACCCCTGAATGTTGAATGAATGTTGAATGTTGAATGTTGAATGTTGAATGTTGAATGTTGAATGTTGAATGTTGAATGTTGA$  GGATTGCCAGCGATCGGCGTCGTAATCCGCGCGAGACAGGCCACCGGGCATGTCGGCTTCACCGTCGTAATATTGCAGCA GGCTGTTGAAGGTGTGCACCTCATCCGGCGCATATTTGCTTTTCAGCATCAGGTCGTCGATGCGGGTGGCGCTGTGCTCG  $\tt CGCCAGTCACTGCCGCGCGTGCCGAGTAGAGCAGCGCGGTGCCAAAACCGTTGTCCGCTGTGCCGCCCACCATCAGGTT$ TCAATGGCATCCATGTTGCCGAGCGAAACGGGAGCCAGTGAAAGCTGCGGCTGACCGTAAGGGGCGAAGGGGACGGGGAT TGCCGGTGCCGTTGTTTTCCGGCGCGCTGACGCCAGGGATGCGGTTAAGTACCTCACGCATGGTGGTTGCGCCGGTTTTG  $\tt GCCGACCACGGTCAGGGCATCTTCTTTTGGTGCGGGCGCGGGCTCCAGCGTCCAGCTGTTATTTCCCAGCGGTTTTACCT$ ACGAGAAGGGTAAAAAGGACAATCGAAATAAGAATTATTTTCCTTACAGTGGTGAAATGTTTATCCAGTACCGCGTAATA GACTGAATTTTAACGGGAAGCGTTTGCGCGATAACGTTCAGGATCGCATCGGTATTTTTCAGCGGGAACGTCCCGCTCAG GCGCAGCCCGGCAACGGCGGGATCGCAGCGCACCCCTTGCGGTAACGGGTTAGCGTGGCTATCACCTCACCCAGCG GTTTATCGCTGAAGCTCAGGATGTCCTTCGTCCAGCTTGTACTCTCGTCATCCAGCGGTTTCACTGCGCCAAACTCAGAG GCGCTGAACTGCAGGCTTTCACCAGCGTTCACGATGCGTTTTTGCGCGGGGGCACTGGCGAGAAGCACTTCCACAGCGTG CTGCTGCACGTCAAGCTGCGTGAAATTATCCTGCTGGCGGACGGTAAATTCTGTCCCTAAAGCAGTGAGCTGGCCCTGAC GGGTCAGGACACGGAAGGGGCGTTGCAGGGCATCTTTCGCGGTAGTAATGGCGATTTCACCGTACCAGAGCCGGACGGTG CGCTGATGCGCATCAAAACGCACATCCGCCGCGCTTTGGGTATTCAGCGTGAGCAGGGAGCCATCTTCCAGTTGCTGACG GCTGACTGTGCCTTTGGCGGTGCGGTAATCTGCCCGCAGACCTTCGCCGGTTTCCGACTGCCAGAGCTGCCAGCCTCCGC TCGCCAGGCACACCGCCAAGCTGGTTGCGCAGGTTTTCAACCTGCTGCCAGGCCCACTGGTTATCCTGATCCTGTTCATA GCGCCTGACGGCGGGAATCGGTTAACAAAGGATTCATAACCCATACTCCAGACGGAACAGCAGCAGTGCTCGACGGCTT TCGCCACGTATTTTTTCACGGAGCTGATGGAAACACCGAGTTTGTGCGCAATCTCGCTGTATGTCAGACCATCCAGTTGC GAAAGCAGAAACGCTTCACGTGTTTTGCCGTTTAGCCCGTCCAGCATGCTGTCGAGGAGTTGTAGGGTCTCGAGTTGGCT TTCGCGTTCCTCAGGTGAAGGCGCTCCCCCCTCCGGCATAAGCGCCATCTCCAGATACGCTTTTTCCAGCGCGTTTC TTTCAACCAGCCGTGATGTGTGCCATAAAGCGACTCGAACGTTAAGGAAGCTGTGGTAGTGGCGCGGTCAGACATGCGGA GTGCATCAAAAGTTAATTATCACGTAGTCATATTAATATGAGAATGGTTATCATTACAATTGGAAATAAAATTGTTTCCA GTCGGTCAGAATGACTCATGATGTGGTCTGCTATTATTGACATCCTCACTGCCCTAAAGGATGGGGATTTCGGTAATGCT  $\tt CCGCTACTGAAGGCGTGGTGCGTAACGGCAAAAGCACTGCCGGACATCAGCGCTATCTCTGCTCTCCTTGCCGTAAAACA$ TGGCAACTACAGTTCACTTACACCGCCTCTCAGCCCGGTAAGCACCAGAAAATCATTGATATGGCCATGAATGGCGTCGG ATGTCGCGCCAGTGCACGCATTATGGGCGTTGGCCTCAACACGGTTTTACGTCACTTAAAAAACTCAGGCCGCAGTCGGT AACCTCGCGCATACAACCGGGCAGTGATGTGATTGTCTGCGCTGAAATGGACGAACAGTGGGGCTACGTCGGTGCTAAAT GCCACACTGGAGCGTCTTCTGAGCCTGTCGGCCTTTGAGGTCGTGTATAGATGACGGATGGCTGCCGCTGTATGA ATCACGCCTGAAGGGAAAGCTGCACGTTATCAGCAAGCGTTACACTCAGCGCATTGAGCGACATAATCTGAATCTGAGAC AACATCTGGCAAGGCTGGGACGGAAGTTACTGTCGTTCTCAAAATCGGTGGAGTTGCATGACAAGGTCATCGGGCATTAT $\tt CTGAACATAAAACACTATCAGTAAGTTGGAGTCATTACCGACCATGTTTATTTCATACATTGTGGGTATTGTTCTTATTA$ TCGCCGCTAATCAATAAAATCCTGCCCCATATCTACATGGGGCAGTTGTTCATTCTTTTAGTGTGGTAATTCACACGCCA  $\tt CCTCTTTCCCCACCAGCAAGGAAGATCTTCCGTTCAATCTGCCTTAGCTGAGCCAGACTGATTCCCAGAATACGCTGGTC$ AACATCAGCCACGACGGGCATCCCTTCCTTGTCATAGAAGCGACCACAAATGACACCTACTGCGCCTAAATCCCGATACG TCTGCATTTCCTTCTTATTCAGCACGCCCACCCGAATCAGGGGATTTTCATCAAGCGCGTTACCCACGACAAAAAAGGCT TTCGTACAGCGAGTCAGAACGTCAAAATTCGATCGAATAATAGGCTCTGCCTGTAACTCCATGGCCAGTCTGGCGCTTGA TACCACGGCGGCACGTGCAGCGAGGCGACACGGCCTGAAAGCTTGTAGGCGATTTGCGATGAGGATTCAATGATCGTCA GGTCTGGCTGAGATGGCATGGAACCGAGCATCTGTATAACGGTGACATTTTTACATGACTTCGGCGTCATGGTTTTGCTC  ${\tt ATCTGATGGATTGTTCTTCCCCAGGCAACCCCCAGCACATCACCATTCTCAATCACCTGATTCAGATACATGCCACCGGC}$ GGAGATTGAATTTATCGCGAATTTGCAAAGCAGCGTCGATAGAGCCAAAGACATTCACATCCAGGTTGATATGAACCAGT  $\tt CCATTTTCCCGGGCTGTTTGCAGGTATTTGACAACCGTGACGCGGGACACCCCCATGATAGCTGCAACTTCAGTCTGGCT$  $\tt CCACTTTTGTATACCTGTATTAAACCGGGGAAATGCTCATCTTAACCCTGTTTACCCGGAGAGTTGATGCAGATTGCAGATTGCCAGATTGCAGATTGCCAGATTGCAGATTAGATTGCAGATTGCAGATTAGATTAGATTGCAGATTAGATTAGATTGCAGATTAGA$ TGGCATGATTTTATACAGATATTTTATTCTTTTACATGAAATAAACCAGCATACCATTTGAGCGATCGCCCGCTGTTCCC  $\tt CCATACTGTAAAGCCGGAGACATGCTCCGGCTTTACAGTATTACTGAGAATACACCCATCAAGCATAATCGAAGGTTCAA$ CAACAGGTTGGCTCACTGGCAAGAACCCGATTATAAAACTAAGCTGGCGAGCAGAATAAAAATCAGCCCACTGATGGATA AGAGTGTGGACATCAGCGTCCAGGATAACAGCGTTTCTTTGGTGGTCAGGCCAAAAAAGTCTTTAATCATCCAGAAACTG GCATCGTTAACGTGAGAACAAATACAGGATCCGGCACCGGTAGCCAGCGTAATCAAGGCCAGGTTGGTATTGGGATGTAC CCACGCCCAGGCCATCAGGATCGGGTTAATATCCATACCCGAAACCAGGGTGGAAATATACTGACCAACGCCAGAGTCG ATGAGAACTTGCTTGAATGCACCACCACCACCGATAATCAGCAGCAGACCGGCAATACCCGCGATAGCTTTTCCGCAAGA
TCGTTGAATTACCTAAGAACAGTATCACGTTGTAAAATAAGCCTGAATCCGCGGCACTTTTGGCATGAGTCATCTGGATG  ${\tt ATGGTGACAACCGCCATCAGGATCACCGGCAGCATTGCCGTGAGAAAACTGATCCCAAAGCCTGGCATTTCGCTTTCGCT}$ GAATCGGCGGGTCGCCCGAGAGAGGCTATATTCCCCTCTTTTTTAAAGGCGTCCGGAATAATGCGCTGGCAGAATTTAT TCAATACCGGGCCGCAAAGAATAAAGGTTGGAATGCCGACAATGATACCGTATATCAGTACCAATCCTACATCAGCGCCA TATTCCCTGGCGATAACAGTCGGGCCGGGGTGCGGCGAAAAAAACCGTGTGCGACCAGCAAACCAGAAAGCATCGGCAC ACACATAAACATCGGTGATATTTTTGCTTCACGGGCAATAGCGAATAAAATAGGTACCAGAAGAATTAAACCGACTTCGA AAAAAAGTGCGATACCGACAATAAACGCCGAACAGACCACTGCCCAGTCAAGTTTATTTTTCCCGAAATAATTCAGCATG

### In [26]: head genoma.fna

### In [27]: tail genoma.fna

 

## 3.8 Descarga de archivos

• wget: Descarga un archivo de un URL (http:/....)

```
In [28]: ### Ejemplos: Descarga del archivo ftp://ftp.ncbi.nlm.nih.gov/genomes/Drosophila_mira
        wget ftp://ftp.ncbi.nlm.nih.gov/genomes/Drosophila_miranda/protein/protein.fa.gz
        11
--2018-10-01 21:31:53-- ftp://ftp.ncbi.nlm.nih.gov/genomes/Drosophila_miranda/protein/protein
          => protein.fa.gz
Resolving ftp.ncbi.nlm.nih.gov (ftp.ncbi.nlm.nih.gov)... 130.14.250.10, 2607:f220:41e:250::7
Connecting to ftp.ncbi.nlm.nih.gov (ftp.ncbi.nlm.nih.gov)|130.14.250.10|:21... connected.
Logging in as anonymous ... Logged in!
==> SYST ... done.
                     ==> PWD ... done.
==> TYPE I ... done. ==> CWD (1) /genomes/Drosophila_miranda/protein ... done.
==> SIZE protein.fa.gz ... 5512360
==> PASV ... done. ==> RETR protein.fa.gz ... done.
Length: 5512360 (5.3M) (unauthoritative)
                   100%[=====>]
                                                5.26M
                                                        954KB/s
protein.fa.gz
                                                                  in 5.9s
2018-10-01 21:32:01 (912 KB/s) - protein.fa.gz saved [5512360]
total 9.8M
-rwxrwxr-x 1 4.5M 10-01 21:22 genoma.fna
-rw-rw-r-- 1 0 10-01 21:06 mundo.txt
-rw-rw-r-- 1 5.3M 10-01 21:32 protein.fa.gz
```

# 3.9 Descompresión archivos

- gunzip: Descomprime archivo con extension .gz
- tar : Descomprime **archivo** con extension .tgz o .tar.gz

MKVLIATSVASRGLDIKNVKHVVNYDMPKTIDDYVHRIGRTGRVXNYGRATSFFDPEQDSGVATDLVKIL
EGSEQVVPDFLRVLSGVGGHGGCGAQFGGYDVRGSGNVIQEASTVEDEQEWD
>gi|1036701631|ref|XP\_017155883.1| PREDICTED: LOW QUALITY PROTEIN: probable cytochrome P450 31
MPCWVLLLAGLGLLLLLQKWALLRLGSSLPGPWAFPLLGNAQMVGKLRPEFIFLVFTELRDRFGATYRLW
LGPQLWVFLHTAEETREALHDPTLRKAKTFLQLEPLIGNGLLISHGSHWTQQRRLLTPAFRPILLRSFAP
SVAKHADRLIQRLEETRGSFLEVTDPLFACLLDAIVDTSMGEQLETQSVAHSPIIKAFHRSSQLLFKRMI
NPLLXSDWVFKQTRLWRELSEQLQVIHTLMDSLIXRRSAQLQQQGNEPRKTLNLLDTLLLAKVDGEPLSR
KEIRDEINTFVFAGVDTTTAAMSFVLYALAMNPEAQDRLQEELRQLPPGLSTDLDTLNELPYLDXLLKEV
LRLYTIVPTTGRQTTRSTVIGGRTYCAGVTLWINMYGLAHDASYFPDPYVFKPERWMQETELQTEVPFSY

LLSEGEGVDYHTFRLRSERGMRIVIRHLHRSTPTDWVREQLGRLGYKVRHIANIHKRFTKEPLDLFEVEL
EPQESNNGIYELTAICSQRIKVEKPIRAPGVPQCHKCQMFGHSKNYCSRAVVCLKCGEKHDPKDCPKKRE
DVPKCANCNGPHVASYRGCIKYKEYCNRRKNGLEQTNRMLSKLSMPTLPAAQGLRRPRQPPVMNQQGFPA
LQQPSRRARSGARAPAPPAQMSSYADALRTRQPASHSQPLPGRQVWQSVPPTATTIGFQPTVSSQSVRP
SDELSQKLDYLITLLTQERIQHAAAAAAESTQKLEGKIDVLIAQMTKLTDCLYASIQANSYASNV
>gi|1037106843|ref|XP\_017155477.1| PREDICTED: uncharacterized protein LOC108164382 [Drosophila
MAVVPLPFAAANFILSAAAIALSCWPLLLLVLAWRRSIIRDRLHRLDPLVLAPPGRWLGMYWIIVVVWSS
VFGTVRNRTALDERVCKVRQETWTMHSAVQSGWSDRRGPPGGPGFGQICVAMVASSHEVQENHPCVDSDA
PCVQRKRVQICIHGQPAAVMTLVRGALLEAGCRGDAHEEGSEEQLGVSPGVASVFVHASGTTTMSTTGIL
DLLRPDCGVPIIGPCCTKVRSDCGGVCNVPAGIIVVVVVVI

## 3.10 Filtrado de un archivo con wget

USO: wget < patronParaBuscar > < nombreArchivo >

>gi|1036701800|ref|XP\_017155998.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC >gi|1036701338|ref|XP\_017155122.1| PREDICTED: serine/threonine-protein kinase par-1 [Drosophile >gi|1036701601|ref|XP\_017155861.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire

```
>gi|1036701488|ref|XP_017155806.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701509|ref|XP_017155814.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701526|ref|XP_017155824.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701545|ref|XP_017155832.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701562|ref|XP 017155842.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701582|ref|XP_017155851.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701768|ref|XP_017155968.1| PREDICTED: E3 ubiquitin-protein ligase RNF128 [Drosophila m
>gi|1036701422|ref|XP_017155494.1| PREDICTED: alpha-actinin, sarcomeric isoform X4 [Drosophila
>gi|1036701616|ref|XP_017155871.1| PREDICTED: protein ultraspiracle [Drosophila miranda]
>gi|1036701355|ref|XP_017155231.1| PREDICTED: alpha-actinin, sarcomeric isoform X1 [Drosophila
>gi|1036701374|ref|XP_017155306.1| PREDICTED: alpha-actinin, sarcomeric isoform X1 [Drosophila
>gi|1036701390|ref|XP 017155378.1| PREDICTED: alpha-actinin, sarcomeric isoform X2 [Drosophila
>gi|1036701406|ref|XP_017155453.1| PREDICTED: alpha-actinin, sarcomeric isoform X3 [Drosophila
>gi|1036701287|ref|XP_017154817.1| PREDICTED: uncharacterized protein LOC108163645 isoform X4
>gi|1036701272|ref|XP_017154742.1| PREDICTED: uncharacterized protein LOC108163645 isoform X3
>gi|1036701257|ref|XP 017154665.1| PREDICTED: uncharacterized protein LOC108163645 isoform X2
>gi|1036701243|ref|XP_017154584.1| PREDICTED: uncharacterized protein LOC108163645 isoform X1
>gi|1036701701|ref|XP 017155930.1| PREDICTED: putative GPI-anchor transamidase [Drosophila mire
>gi|1036701717|ref|XP_017155937.1| PREDICTED: putative GPI-anchor transamidase [Drosophila mire
>gi|1036698287|ref|XP 017139785.1| PREDICTED: AF4/FMR2 family member 4-like [Drosophila mirand
>gi|1036701323|ref|XP_017155006.1| PREDICTED: hormone receptor 4-like isoform X2 [Drosophila m
>gi|1036701305|ref|XP 017154930.1| PREDICTED: hormone receptor 4-like isoform X1 [Drosophila m
>gi|1036701752|ref|XP_017155958.1| PREDICTED: protein KTI12 homolog [Drosophila miranda]
>gi|1036701647|ref|XP_017155896.1| PREDICTED: protein SMG9 [Drosophila miranda]
>gi|1036701680|ref|XP_017155916.1| PREDICTED: carnosine N-methyltransferase isoform X2 [Drosop
>gi|1036701663|ref|XP_017155907.1| PREDICTED: carnosine N-methyltransferase isoform X1 [Drosop
>gi|1036701439|ref|XP_017155626.1| PREDICTED: ATP-dependent RNA helicase dbp2 [Drosophila mirate
>gi|1036701454|ref|XP_017155715.1| PREDICTED: ATP-dependent RNA helicase dbp2 [Drosophila mirate
>gi|1036701471|ref|XP_017155795.1| PREDICTED: ATP-dependent RNA helicase dbp2 [Drosophila mirate
>gi|1036711564|ref|XP_017139547.1| PREDICTED: dehydrodolichyl diphosphate synthase complex sub
>gi|1036711597|ref|XP_017139567.1| PREDICTED: 40S ribosomal protein S14 [Drosophila miranda]
>gi|1036711581|ref|XP_017139558.1| PREDICTED: 40S ribosomal protein S14-like [Drosophila miran-
>gi|1036711500|ref|XP 017139511.1| PREDICTED: E3 ubiquitin-protein ligase UBR3 [Drosophila mire
>gi|1036711515|ref|XP_017139518.1| PREDICTED: E3 ubiquitin-protein ligase UBR3 [Drosophila mire
>gi|1036711534|ref|XP 017139529.1| PREDICTED: uncharacterized protein LOC108153940 isoform X1
>gi|1036711550|ref|XP_017139537.1| PREDICTED: uncharacterized protein LOC108153940 isoform X2
>gi|1036751956|ref|XP 017156406.1| PREDICTED: DM7 family protein GG17591 [Drosophila miranda]
>gi|1036729081|ref|XP_017149347.1| PREDICTED: neuropathy target esterase sws isoform X4 [Droso
>gi|1036729050|ref|XP_017149329.1| PREDICTED: neuropathy target esterase sws isoform X2 [Droso
>gi|1036729021|ref|XP_017149318.1| PREDICTED: neuropathy target esterase sws isoform X1 [Droso
>gi|1036729063|ref|XP_017149338.1| PREDICTED: neuropathy target esterase sws isoform X3 [Droso
>gi|1036737636|ref|XP_017154022.1| PREDICTED: protein singed [Drosophila miranda]
>gi|1036702955|ref|XP_017156697.1| PREDICTED: protein arginine N-methyltransferase 1-like [Dros
>gi|1036707540|ref|XP_017137034.1| PREDICTED: E3 ubiquitin ligase complex SCF subunit sconC-li
>gi|1036702891|ref|XP_017156653.1| PREDICTED: uncharacterized protein LOC108165104 [Drosophila
>gi|1036756219|ref|XP_017156657.1| PREDICTED: tyramine beta-hydroxylase [Drosophila miranda]
>gi|1036756236|ref|XP_017156658.1| PREDICTED: tyramine beta-hydroxylase [Drosophila miranda]
>gi|1036756255|ref|XP_017156659.1| PREDICTED: tyramine beta-hydroxylase [Drosophila miranda]
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>gi|1036756728|ref|XP 017156687.1| PREDICTED: uncharacterized protein LOC108165131 isoform X3
>gi|1036756709|ref|XP_017156686.1| PREDICTED: uncharacterized protein LOC108165131 isoform X2
>gi|1036756690|ref|XP_017156685.1| PREDICTED: uncharacterized protein LOC108165131 isoform X1
>gi|1036709552|ref|XP_017138295.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709468|ref|XP 017138254.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709484|ref|XP_017138263.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709501|ref|XP 017138272.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709518|ref|XP_017138278.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709535|ref|XP_017138286.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709568|ref|XP_017138303.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709612|ref|XP_017138327.1| PREDICTED: uncharacterized protein LOC108153062 [Drosophila
>gi|1036709344|ref|XP_017138193.1| PREDICTED: alpha-(1,6)-fucosyltransferase [Drosophila mirane
>gi|1036709365|ref|XP_017138200.1| PREDICTED: alpha-(1,6)-fucosyltransferase [Drosophila miran-
>gi|1036709381|ref|XP_017138209.1| PREDICTED: alpha-(1,6)-fucosyltransferase [Drosophila mirane
>gi|1036709430|ref|XP_017138234.1| PREDICTED: uncharacterized protein LOC108153001 [Drosophila
>gi|1036709449|ref|XP_017138244.1| PREDICTED: uncharacterized protein LOC108153001 [Drosophila
>gi|1036709597|ref|XP_017138315.1| PREDICTED: thioredoxin domain-containing protein 5 [Drosoph
>gi|1036709398|ref|XP_017138222.1| PREDICTED: BTB/POZ domain-containing protein 17 [Drosophila
>gi|1036752027|ref|XP_017156411.1| PREDICTED: putative transporter svop-1 [Drosophila miranda]
>gi|1036752042|ref|XP 017156412.1| PREDICTED: uncharacterized protein LOC108164934 [Drosophila
>gi|1036698181|ref|XP_017138639.1| PREDICTED: uncharacterized protein LOC108150747 [Drosophila
>gi|1036752060|ref|XP 017156413.1| PREDICTED: uncharacterized protein LOC108164935 [Drosophila
>gi|1036698196|ref|XP_017150822.1| PREDICTED: uncharacterized protein LOC108158651 [Drosophila
>gi|1036756638|ref|XP_017156682.1| PREDICTED: uncharacterized protein LOC108165128 [Drosophila
>gi|1036756653|ref|XP_017156683.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036706619|ref|XP_017136424.1| PREDICTED: uncharacterized protein LOC108151975 [Drosophila
>gi|1036755818|ref|XP_017156635.1| PREDICTED: uncharacterized protein LOC108165094 isoform X1
>gi|1036755837|ref|XP_017156636.1| PREDICTED: uncharacterized protein LOC108165094 isoform X2
>gi|1036755645|ref|XP_017156624.1| PREDICTED: insecticyanin-A [Drosophila miranda]
>gi|1036729511|ref|XP_017149608.1| PREDICTED: protein wings apart-like [Drosophila miranda]
>gi|1036698304|ref|XP_017140963.1| PREDICTED: uncharacterized protein LOC108154713 [Drosophila
>gi|1036755698|ref|XP_017156628.1| PREDICTED: uncharacterized protein LOC108165087 [Drosophila
>gi|1036755716|ref|XP_017156629.1| PREDICTED: uncharacterized protein LOC108165088 [Drosophila
>gi|1036730248|ref|XP_017150076.1| PREDICTED: LOW QUALITY PROTEIN: histone H2B-like [Drosophile]
>gi|1036730189|ref|XP 017150041.1| PREDICTED: histone H1-like isoform X1 [Drosophila miranda]
>gi|1036730208|ref|XP_017150051.1| PREDICTED: histone H1-like isoform X2 [Drosophila miranda]
>gi|1036730229|ref|XP 017150062.1| PREDICTED: protein lethal(2)denticleless-like [Drosophila m
>gi|1036729548|ref|XP_017149634.1| PREDICTED: centrosomal protein of 162 kDa isoform X1 [Droso
>gi|1036729567|ref|XP_017149643.1| PREDICTED: centrosomal protein of 162 kDa isoform X2 [Droso
>gi|1036729580|ref|XP_017149655.1| PREDICTED: carboxypeptidase B isoform X1 [Drosophila mirand
>gi|1036729600|ref|XP_017149664.1| PREDICTED: carboxypeptidase B isoform X2 [Drosophila mirand
>gi|1036698208|ref|XP_017156463.1| PREDICTED: zinc carboxypeptidase A 1 [Drosophila miranda]
>gi|1036729529|ref|XP_017149621.1| PREDICTED: histone acetyltransferase KAT6A [Drosophila mirated
>gi|1036755785|ref|XP_017156633.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1036703982|ref|XP_017134622.1| PREDICTED: proteasome subunit beta type-7 [Drosophila miran-
>gi|1036703732|ref|XP_017157117.1| PREDICTED: dopamine N-acetyltransferase [Drosophila miranda]
>gi|1036747149|ref|XP_017156152.1| PREDICTED: proteoglycan 4 [Drosophila miranda]
>gi|1036704091|ref|XP_017134680.1| PREDICTED: bax inhibitor 1-like [Drosophila miranda]
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>gi|1036698319|ref|XP_017142208.1| PREDICTED: uncharacterized protein LOC108155475 [Drosophila
>gi|1036741943|ref|XP_017155857.1| PREDICTED: glycosylphosphatidylinositol anchor attachment 1
>gi|1036713747|ref|XP_017140860.1| PREDICTED: uncharacterized protein LOC108154906 isoform X2
>gi|1036713732|ref|XP_017140851.1| PREDICTED: uncharacterized protein LOC108154906 isoform X1
>gi|1036713793|ref|XP 017140898.1| PREDICTED: G2/M phase-specific E3 ubiquitin-protein ligase
>gi|1036713764|ref|XP_017140871.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 30 homolog
>gi|1036713827|ref|XP 017140923.1| PREDICTED: LOW QUALITY PROTEIN: T-complex protein 11-like p
>gi|1036713779|ref|XP_017140883.1| PREDICTED: DDB1- and CUL4-associated factor 10 homolog [Drop
>gi|1036713810|ref|XP_017140913.1| PREDICTED: patatin-like phospholipase domain-containing pro-
>gi|1036741536|ref|XP_017155836.1| PREDICTED: lipid storage droplets surface-binding protein 2
>gi|1036741517|ref|XP_017155835.1| PREDICTED: lipid storage droplets surface-binding protein 2
>gi|1036741577|ref|XP_017155838.1| PREDICTED: lipid storage droplets surface-binding protein 2
>gi|1036741558|ref|XP_017155837.1| PREDICTED: lipid storage droplets surface-binding protein 2
>gi|1036706037|ref|XP_017136019.1| PREDICTED: tubulin-specific chaperone A-like [Drosophila mi
>gi|1036739823|ref|XP_017155212.1| PREDICTED: microsomal glutathione S-transferase 1 [Drosophi
>gi|1036739857|ref|XP_017155232.1| PREDICTED: microsomal glutathione S-transferase 1 isoform X
>gi|1036739839|ref|XP_017155224.1| PREDICTED: microsomal glutathione S-transferase 1 isoform X
>gi|1036739875|ref|XP_017155242.1| PREDICTED: cytochrome c oxidase copper chaperone [Drosophile
>gi|1036739893|ref|XP_017155248.1| PREDICTED: cytochrome c oxidase copper chaperone [Drosophile
>gi|1036739805|ref|XP_017155202.1| PREDICTED: translation machinery-associated protein 16 homo
>gi|1036739787|ref|XP_017155190.1| PREDICTED: LOW QUALITY PROTEIN: lipoamide acyltransferase c
>gi|1036738684|ref|XP_017154541.1| PREDICTED: MAP kinase-activating death domain protein isofo
>gi|1036738702|ref|XP_017154547.1| PREDICTED: MAP kinase-activating death domain protein isofo
>gi|1036738720|ref|XP_017154556.1| PREDICTED: MAP kinase-activating death domain protein isofo
>gi|1036738740|ref|XP_017154564.1| PREDICTED: MAP kinase-activating death domain protein isofo
>gi|1036738758|ref|XP_017154576.1| PREDICTED: tubulin-specific chaperone A [Drosophila miranda]
>gi|1036752119|ref|XP_017156416.1| PREDICTED: probable cytochrome P450 4s3 [Drosophila miranda]
>gi|1036740350|ref|XP_017155473.1| PREDICTED: uncharacterized protein LOC108164335 isoform X1
>gi|1036740366|ref|XP_017155474.1| PREDICTED: uncharacterized protein LOC108164335 isoform X2
>gi|1036740384|ref|XP_017155475.1| PREDICTED: probable 60S ribosomal protein L37-A [Drosophila
>gi|1036743313|ref|XP_017155936.1| PREDICTED: uncharacterized protein LOC108164608 [Drosophila
>gi|1036743295|ref|XP_017155935.1| PREDICTED: uncharacterized protein LOC108164607 [Drosophila
>gi|1036705018|ref|XP_017135315.1| PREDICTED: uncharacterized protein LOC108151289 [Drosophila
>gi|1036753611|ref|XP_017156508.1| PREDICTED: uncharacterized protein LOC108164994 isoform X1
>gi|1036753631|ref|XP 017156510.1| PREDICTED: uncharacterized protein LOC108164994 isoform X2
>gi|1036748586|ref|XP_017156220.1| PREDICTED: uncharacterized protein LOC108164812 [Drosophila
>gi|1036698334|ref|XP_017143452.1| PREDICTED: uncharacterized protein LOC108156218 [Drosophila
>gi|1036751287|ref|XP_017156370.1| PREDICTED: uncharacterized protein LOC108164904 [Drosophila
>gi|1036751308|ref|XP_017156371.1| PREDICTED: uncharacterized protein LOC108164904 [Drosophila
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>gi|1036705899|ref|XP_017135911.1| PREDICTED: uncharacterized protein LOC108151676 [Drosophila
>gi|1036739354|ref|XP_017154947.1| PREDICTED: uncharacterized protein LOC108163921 [Drosophila
>gi|1036738971|ref|XP_017154717.1| PREDICTED: uncharacterized protein LOC108163755 [Drosophila
>gi|1036738989|ref|XP_017154725.1| PREDICTED: uncharacterized protein LOC108163755 [Drosophila
>gi|1036739007|ref|XP_017154733.1| PREDICTED: uncharacterized protein LOC108163755 [Drosophila
>gi|1036715019|ref|XP_017141618.1| PREDICTED: lymphokine-activated killer T-cell-originated pro
>gi|1036715000|ref|XP_017141607.1| PREDICTED: partitioning defective protein 6 [Drosophila mire
>gi|1036715036|ref|XP_017141631.1| PREDICTED: ubiquitin-conjugating enzyme E2 S isoform X1 [Dref|XP_017141631.1]
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>gi|1036715053|ref|XP_017141639.1| PREDICTED: ubiquitin-conjugating enzyme E2 S isoform X2 [Dref|XP_017141639.1]
>gi|1036715091|ref|XP_017141660.1| PREDICTED: uncharacterized protein LOC108155384 isoform X2
>gi|1036715072|ref|XP_017141652.1| PREDICTED: uncharacterized protein LOC108155384 isoform X1
>gi|1036715109|ref|XP_017141670.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036756166|ref|XP 017156654.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036709204|ref|XP_017138102.1| PREDICTED: spectrin beta chain isoform X2 [Drosophila miran-
>gi|1036709154|ref|XP 017138077.1| PREDICTED: spectrin beta chain isoform X1 [Drosophila miran
>gi|1036709171|ref|XP_017138085.1| PREDICTED: spectrin beta chain isoform X1 [Drosophila miran-
>gi|1036709188|ref|XP_017138093.1| PREDICTED: spectrin beta chain isoform X1 [Drosophila miran
>gi|1036709219|ref|XP_017138111.1| PREDICTED: spectrin beta chain isoform X3 [Drosophila miran-
>gi|1036709232|ref|XP_017138123.1| PREDICTED: integrator complex subunit 2 [Drosophila miranda]
>gi|1036709251|ref|XP_017138135.1| PREDICTED: rho GTPase-activating protein 190 isoform X1 [Dref|XP_017138135.1]
>gi|1036709267|ref|XP_017138143.1| PREDICTED: rho GTPase-activating protein 190 isoform X1 [Dr
>gi|1036709281|ref|XP_017138151.1| PREDICTED: rho GTPase-activating protein 190 isoform X2 [Dref|XP_017138151.1]
>gi|1036709296|ref|XP_017138161.1| PREDICTED: rho GTPase-activating protein 190 isoform X3 [Dropout National Content of the Co
>gi|1036709312|ref|XP_017138170.1| PREDICTED: rho GTPase-activating protein 190 isoform X4 [Drope to the content of the conten
>gi|1036709327|ref|XP_017138181.1| PREDICTED: rho GTPase-activating protein 190 isoform X5 [Dref|XP_017138181.1| PREDICTED: rho GTPase-activating protein 190 isoform Y5 [Dref|XP_017138181.1| PREDICTED: rho GTPase-activating protein 190 isoform 190 isoform Y5 [Dref|XP_017138181.1| PREDICTED: rho GTPase-activating protein 190 isoform Y5 [Dref|XP_017138181.1| PREDICTED: rho GTPase-activation 190 isoform Y5 [Dref|XP_017138181.1| PREDICTED: rho GTPase-activation 190 isoform Y5 [Dref|XP_017138181.1| PREDICTED: rho GTPase-activation 190 isoform Y5 [Dref|XP_01713818
>gi|1036742108|ref|XP_017155865.1| PREDICTED: probable ATP-dependent RNA helicase DDX10 [Droso
>gi|1036736749|ref|XP_017153521.1| PREDICTED: calpain-D isoform X1 [Drosophila miranda]
>gi|1036736770|ref|XP 017153530.1| PREDICTED: calpain-D isoform X2 [Drosophila miranda]
>gi|1036736789|ref|XP_017153539.1| PREDICTED: calpain-D isoform X3 [Drosophila miranda]
>gi|1036736807|ref|XP 017153548.1| PREDICTED: calpain-D isoform X4 [Drosophila miranda]
>gi|1036738006|ref|XP_017154223.1| PREDICTED: septin-1 isoform X2 [Drosophila miranda]
>gi|1036737988|ref|XP_017154215.1| PREDICTED: septin-1 isoform X1 [Drosophila miranda]
>gi|1036718395|ref|XP_017143507.1| PREDICTED: translation factor waclaw, mitochondrial [Drosop
>gi|1036718226|ref|XP_017143423.1| PREDICTED: uncharacterized protein LOC108156467 [Drosophila
>gi|1036718246|ref|XP_017143430.1| PREDICTED: uncharacterized protein LOC108156467 [Drosophila
>gi|1036718264|ref|XP_017143439.1| PREDICTED: uncharacterized protein LOC108156467 [Drosophila
>gi|1036718303|ref|XP_017143462.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X
>gi|1036718377|ref|XP_017143496.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X-
>gi|1036718283|ref|XP_017143454.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X
>gi|1036718322|ref|XP_017143472.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X
>gi|1036718343|ref|XP 017143479.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X
>gi|1036718360|ref|XP_017143487.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X
>gi|1036718410|ref|XP 017143518.1| PREDICTED: probable ATP-dependent RNA helicase DDX56 [Droso
>gi|1036751607|ref|XP_017156387.1| PREDICTED: uncharacterized protein LOC108164912 [Drosophila
>gi|1036742446|ref|XP 017155886.1| PREDICTED: mpv17-like protein [Drosophila miranda]
>gi|1036742427|ref|XP_017155885.1| PREDICTED: protein misato [Drosophila miranda]
>gi|1036698349|ref|XP_017144690.1| PREDICTED: myosin heavy chain IB-like [Drosophila miranda]
>gi|1036706022|ref|XP_017136003.1| PREDICTED: proline-rich receptor-like protein kinase PERK9
>gi|1036753255|ref|XP_017156488.1| PREDICTED: neurotrimin isoform X4 [Drosophila miranda]
>gi|1036753219|ref|XP_017156486.1| PREDICTED: neurotrimin isoform X2 [Drosophila miranda]
>gi|1036753238|ref|XP_017156487.1| PREDICTED: neuronal growth regulator 1 isoform X3 [Drosophi
>gi|1036753204|ref|XP_017156485.1| PREDICTED: neuronal growth regulator 1 isoform X1 [Drosophi
>gi|1036706318|ref|XP_017136222.1| PREDICTED: uncharacterized protein LOC108151845 [Drosophila
>gi|1036735067|ref|XP_017152556.1| PREDICTED: uncharacterized protein LOC108162358 [Drosophila
>gi|1036728354|ref|XP_017148921.1| PREDICTED: neutral alpha-glucosidase AB [Drosophila miranda]
>gi|1036728373|ref|XP_017148929.1| PREDICTED: neutral alpha-glucosidase AB [Drosophila miranda]
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>gi|1036728412|ref|XP_017148951.1| PREDICTED: tektin-3-like isoform X2 [Drosophila miranda]
>gi|1036728391|ref|XP_017148943.1| PREDICTED: tektin-3-like isoform X1 [Drosophila miranda]
>gi|1036728433|ref|XP_017148962.1| PREDICTED: NFU1 iron-sulfur cluster scaffold homolog, mitoc
>gi|1036742771|ref|XP_017155904.1| PREDICTED: uncharacterized protein LOC108164590 [Drosophila
>gi|1036725812|ref|XP 017147391.1| PREDICTED: solute carrier family 35 member E1 homolog [Dros-
>gi|1036725850|ref|XP_017147422.1| PREDICTED: uncharacterized protein LOC108159019 [Drosophila
>gi|1036725831|ref|XP 017147407.1| PREDICTED: DDB1- and CUL4-associated factor 7 [Drosophila m
>gi|1036725012|ref|XP_017146926.1| PREDICTED: cell wall protein AWA1 isoform X4 [Drosophila mi
>gi|1036725030|ref|XP_017146937.1| PREDICTED: cell wall protein AWA1 isoform X4 [Drosophila mi
>gi|1036725051|ref|XP_017146946.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 2 isoform
>gi|1036724951|ref|XP_017146896.1| PREDICTED: myb-like protein A isoform X1 [Drosophila mirand
>gi|1036724993|ref|XP_017146916.1| PREDICTED: mucin-12 isoform X3 [Drosophila miranda]
>gi|1036724972|ref|XP_017146906.1| PREDICTED: myb-like protein A isoform X2 [Drosophila mirand
>gi|1036723743|ref|XP_017146122.1| PREDICTED: uncharacterized protein C18orf19 homolog A [Dros
>gi|1036723724|ref|XP_017146111.1| PREDICTED: tRNA methyltransferase 10 homolog A [Drosophila i
>gi|1036723666|ref|XP_017146082.1| PREDICTED: uncharacterized protein LOC108158350 [Drosophila
>gi|1036723685|ref|XP_017146092.1| PREDICTED: uncharacterized protein LOC108158350 [Drosophila
>gi|1036723704|ref|XP 017146101.1| PREDICTED: uncharacterized protein LOC108158350 [Drosophila
>gi|1036722128|ref|XP_017145358.1| PREDICTED: uncharacterized protein LOC108157696 [Drosophila
>gi|1036721934|ref|XP 017145274.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721953|ref|XP_017145283.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036722053|ref|XP_017145325.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721970|ref|XP_017145291.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036722071|ref|XP_017145333.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721919|ref|XP_017145266.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721830|ref|XP_017145225.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036722007|ref|XP_017145309.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036722025|ref|XP_017145317.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721864|ref|XP_017145241.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036722090|ref|XP_017145340.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721883|ref|XP_017145249.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036722111|ref|XP_017145346.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721847|ref|XP_017145232.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721902|ref|XP_017145258.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721989|ref|XP 017145300.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036727249|ref|XP_017148291.1| PREDICTED: uncharacterized protein LOC108159474 isoform X1
>gi|1036727232|ref|XP 017148278.1| PREDICTED: ribosomal protein S6 kinase 2 beta [Drosophila m
>gi|1036727279|ref|XP_017148311.1| PREDICTED: protein phosphatase 1H [Drosophila miranda]
>gi|1036727262|ref|XP_017148299.1| PREDICTED: formin BNI1 isoform X2 [Drosophila miranda]
>gi|1036704459|ref|XP_017134908.1| PREDICTED: clusterin-associated protein 1 [Drosophila miran-
>gi|1036736279|ref|XP_017153243.1| PREDICTED: adenylate cyclase type 9 isoform X1 [Drosophila i
>gi|1036736297|ref|XP_017153251.1| PREDICTED: adenylate cyclase type 9 isoform X2 [Drosophila 1
>gi|1036736315|ref|XP_017153260.1| PREDICTED: adenylate cyclase type 9 isoform X3 [Drosophila i
>gi|1036715889|ref|XP_017142115.1| PREDICTED: thyroid receptor-interacting protein 11 [Drosoph
>gi|1036715959|ref|XP_017142159.1| PREDICTED: F-box-like/WD repeat-containing protein TBL1XR1
>gi|1036715941|ref|XP_017142147.1| PREDICTED: arginine/serine-rich coiled-coil protein 2 isofo
>gi|1036715923|ref|XP_017142139.1| PREDICTED: arginine/serine-rich coiled-coil protein 2 isofo
>gi|1036715907|ref|XP_017142126.1| PREDICTED: uncharacterized protein LOC108155670 [Drosophila
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>gi|1036742178|ref|XP 017155869.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036742197|ref|XP_017155870.1| PREDICTED: UDP-N-acetylglucosamine transferase subunit ALG1
>gi|1036724525|ref|XP_017146626.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036724579|ref|XP_017146667.1| PREDICTED: uncharacterized protein LOC108158667 [Drosophila
>gi|1036724560|ref|XP_017146653.1| PREDICTED: glycolipid transfer protein [Drosophila miranda]
>gi|1036698364|ref|XP_017147071.1| PREDICTED: cell surface glycoprotein 1-like [Drosophila mire
>gi|1036724541|ref|XP 017146641.1| PREDICTED: uncharacterized protein LOC108158654 [Drosophila
>gi|1036749432|ref|XP_017156265.1| PREDICTED: putative inositol monophosphatase 3 [Drosophila in section of the company of the
>gi|1036733728|ref|XP_017151782.1| PREDICTED: histone deacetylase 4 isoform X1 [Drosophila mire
>gi|1036733765|ref|XP_017151798.1| PREDICTED: histone deacetylase 5 isoform X3 [Drosophila mire
>gi|1036733747|ref|XP_017151790.1| PREDICTED: histone deacetylase 4 isoform X2 [Drosophila mire
>gi|1036733782|ref|XP_017151808.1| PREDICTED: histone deacetylase 4 isoform X4 [Drosophila mire
>gi|1036713039|ref|XP_017140388.1| PREDICTED: probable peroxisomal acyl-coenzyme A oxidase 1 [
>gi|1036713072|ref|XP_017140410.1| PREDICTED: leucine-rich repeat-containing protein 57 [Droso
>gi|1036713055|ref|XP_017140402.1| PREDICTED: proteasome activator complex subunit 3 [Drosophi
>gi|1036713006|ref|XP_017140366.1| PREDICTED: integrin alpha-PS1 isoform X2 [Drosophila mirand
>gi|1036712989|ref|XP_017140358.1| PREDICTED: integrin alpha-PS1 isoform X1 [Drosophila mirand
>gi|1036713088|ref|XP_017140418.1| PREDICTED: uncharacterized protein LOC108154609 [Drosophila
>gi|1036713023|ref|XP_017140377.1| PREDICTED: vesicle-fusing ATPase 1 [Drosophila miranda]
>gi|1036753070|ref|XP 017156476.1| PREDICTED: protein tilB [Drosophila miranda]
>gi|1036735331|ref|XP_017152710.1| PREDICTED: histone-lysine N-methyltransferase setd3 [Drosop
>gi|1036735282|ref|XP 017152687.1| PREDICTED: uncharacterized protein LOC108162452 isoform X1
>gi|1036735301|ref|XP_017152695.1| PREDICTED: uncharacterized protein LOC108162452 isoform X2
>gi|1036702908|ref|XP_017156665.1| PREDICTED: uncharacterized protein LOC108165114 [Drosophila
>gi|1036724066|ref|XP_017146325.1| PREDICTED: LOW QUALITY PROTEIN: serine-rich adhesin for pla
>gi|1036754168|ref|XP_017156542.1| PREDICTED: uncharacterized protein LOC108165015 [Drosophila
>gi|1036714661|ref|XP_017141388.1| PREDICTED: uncharacterized protein LOC108155212 [Drosophila
>gi|1036714605|ref|XP_017141352.1| PREDICTED: uncharacterized protein LOC108155188 [Drosophila
>gi|1036714679|ref|XP_017141400.1| PREDICTED: 28 kDa heat- and acid-stable phosphoprotein [Dros
>gi|1036714642|ref|XP_017141375.1| PREDICTED: ribosomal RNA small subunit methyltransferase NE
>gi|1036714698|ref|XP_017141412.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036714510|ref|XP_017141305.1| PREDICTED: probable cytochrome P450 4d14 [Drosophila mirand
>gi|1036714473|ref|XP 017141284.1| PREDICTED: cytochrome P450 4d2 [Drosophila miranda]
>gi|1036714492|ref|XP_017141293.1| PREDICTED: cytochrome P450 4d2 [Drosophila miranda]
>gi|1036714567|ref|XP 017141332.1| PREDICTED: cytochrome P450 4ae1 isoform X3 [Drosophila mira:
>gi|1036714586|ref|XP_017141340.1| PREDICTED: cytochrome P450 4ae1 isoform X4 [Drosophila mirated]
>gi|1036714529|ref|XP 017141317.1| PREDICTED: cytochrome P450 4ae1 isoform X1 [Drosophila mirated]
>gi|1036714548|ref|XP_017141325.1| PREDICTED: cytochrome P450 4ae1 isoform X2 [Drosophila mirated]
>gi|1036714624|ref|XP_017141363.1| PREDICTED: protein prune homolog [Drosophila miranda]
>gi|1036714454|ref|XP_017141272.1| PREDICTED: 60S ribosomal export protein NMD3 [Drosophila mi
>gi|1036714718|ref|XP_017141421.1| PREDICTED: uncharacterized protein LOC108155239 [Drosophila
>gi|1036705377|ref|XP_017135563.1| PREDICTED: keratin-associated protein 19-2 [Drosophila mirat
>gi|1036702307|ref|XP 017156278.1| PREDICTED: uncharacterized protein LOC108164857 [Drosophila
>gi|1036736396|ref|XP_017153315.1| PREDICTED: monocarboxylate transporter 12 [Drosophila mirane
>gi|1036736415|ref|XP_017153326.1| PREDICTED: fatty acyl-CoA reductase 1 [Drosophila miranda]
>gi|1036727562|ref|XP_017148473.1| PREDICTED: protein msta isoform X1 [Drosophila miranda]
>gi|1036727581|ref|XP_017148482.1| PREDICTED: protein msta isoform X2 [Drosophila miranda]
>gi|1036727524|ref|XP_017148448.1| PREDICTED: vinculin [Drosophila miranda]
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>gi|1036727541|ref|XP_017148459.1| PREDICTED: vinculin [Drosophila miranda]
>gi|1036727598|ref|XP_017148494.1| PREDICTED: histidine-rich glycoprotein isoform X1 [Drosophi
>gi|1036727616|ref|XP_017148503.1| PREDICTED: histidine-rich glycoprotein isoform X1 [Drosophi
>gi|1036727634|ref|XP_017148513.1| PREDICTED: histidine-rich glycoprotein isoform X2 [Drosophi
>gi|1036715126|ref|XP 017141684.1| PREDICTED: protein pecanex [Drosophila miranda]
>gi|1036715144|ref|XP_017141695.1| PREDICTED: probable ATP-dependent RNA helicase kurz [Drosop
>gi|1036744253|ref|XP 017155981.1| PREDICTED: DNA-binding protein K10 [Drosophila miranda]
>gi|1036705611|ref|XP_017135701.1| PREDICTED: odorant receptor 2a [Drosophila miranda]
>gi|1036743910|ref|XP_017155964.1| PREDICTED: protein crooked neck [Drosophila miranda]
>gi|1036698381|ref|XP_017148371.1| PREDICTED: uncharacterized protein LOC108159290 [Drosophila
>gi|1036729414|ref|XP_017149549.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036729322|ref|XP_017149494.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036729341|ref|XP_017149503.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036729357|ref|XP_017149511.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036729395|ref|XP_017149535.1| PREDICTED: protein prenyltransferase alpha subunit repeat-c
>gi|1036729376|ref|XP_017149523.1| PREDICTED: U3 small nucleolar RNA-associated protein 15 home
>gi|1036732027|ref|XP_017150947.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X2 [D:
>gi|1036731916|ref|XP 017150904.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036731935|ref|XP_017150911.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036731954|ref|XP_017150918.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036731971|ref|XP_017150926.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036731989|ref|XP_017150933.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036732008|ref|XP_017150940.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036733364|ref|XP_017151590.1| PREDICTED: hypoxia up-regulated protein 1 [Drosophila miran
>gi|1036733383|ref|XP_017151599.1| PREDICTED: hypoxia up-regulated protein 1 [Drosophila miran-
>gi|1036733402|ref|XP_017151612.1| PREDICTED: uncharacterized protein LOC108161779 [Drosophila
>gi|1036733417|ref|XP_017151621.1| PREDICTED: uncharacterized protein LOC108161779 [Drosophila
>gi|1036698396|ref|XP_017149616.1| PREDICTED: uncharacterized protein LOC108159997 [Drosophila
>gi|1036757665|ref|XP_017156736.1| PREDICTED: uncharacterized protein LOC108165176 [Drosophila
>gi|1036750976|ref|XP_017156351.1| PREDICTED: probable insulin-like peptide 6 [Drosophila mirated
>gi|1036757496|ref|XP_017156730.1| PREDICTED: uncharacterized protein LOC108165167 [Drosophila
>gi|1036724596|ref|XP_017146682.1| PREDICTED: apoptosis-inducing factor 3 isoform X1 [Drosophi
>gi|1036724612|ref|XP 017146693.1| PREDICTED: apoptosis-inducing factor 3 isoform X2 [Drosophi
>gi|1036724692|ref|XP_017146728.1| PREDICTED: uncharacterized protein LOC108158699 [Drosophila
>gi|1036724632|ref|XP 017146701.1| PREDICTED: apoptosis-inducing factor 3 isoform X3 [Drosophi
>gi|1036724671|ref|XP_017146716.1| PREDICTED: vacuolar protein sorting-associated protein 26 [
>gi|1036724711|ref|XP 017146740.1| PREDICTED: ribosomal protein 63, mitochondrial [Drosophila 1
>gi|1036739662|ref|XP_017155117.1| PREDICTED: required for meiotic nuclear division protein 1
>gi|1036739648|ref|XP_017155106.1| PREDICTED: anaphase-promoting complex subunit 7 [Drosophila
>gi|1036708557|ref|XP_017137723.1| PREDICTED: uncharacterized protein LOC108152708 isoform X1
>gi|1036708577|ref|XP_017137733.1| PREDICTED: uncharacterized protein LOC108152708 isoform X1
>gi|1036708594|ref|XP_017137741.1| PREDICTED: uncharacterized protein LOC108152708 isoform X2
>gi|1036708685|ref|XP_017137795.1| PREDICTED: calcyclin-binding protein [Drosophila miranda]
>gi|1036708668|ref|XP_017137782.1| PREDICTED: protein swallow [Drosophila miranda]
>gi|1036708611|ref|XP_017137753.1| PREDICTED: cell division cycle 7-related protein kinase [Dreset of the content of the conte
>gi|1036708630|ref|XP_017137762.1| PREDICTED: cell division cycle 7-related protein kinase [Dr
>gi|1036708651|ref|XP_017137769.1| PREDICTED: cell division cycle 7-related protein kinase [Dr
>gi|1036708766|ref|XP_017137847.1| PREDICTED: zinc finger protein 593 homolog [Drosophila mirat
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>gi|1036708702|ref|XP_017137808.1| PREDICTED: high affinity copper uptake protein 1 isoform X1
>gi|1036708719|ref|XP_017137816.1| PREDICTED: high affinity copper uptake protein 1 isoform X1
>gi|1036708733|ref|XP_017137826.1| PREDICTED: high affinity copper uptake protein 1 isoform X1
>gi|1036708750|ref|XP_017137834.1| PREDICTED: high affinity copper uptake protein 1 isoform X2
>gi|1036708814|ref|XP 017137869.1| PREDICTED: luc7-like protein 3 [Drosophila miranda]
>gi|1036735172|ref|XP_017152624.1| PREDICTED: DNA replication licensing factor Mcm6 [Drosophile
>gi|1036735189|ref|XP_017152635.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1036713484|ref|XP_017140666.1| PREDICTED: fumarate hydratase, mitochondrial isoform X1 [Dr
>gi|1036713500|ref|XP_017140674.1| PREDICTED: fumarate hydratase, mitochondrial isoform X2 [Dr
>gi|1036713472|ref|XP_017140655.1| PREDICTED: fumarate hydratase, mitochondrial-like [Drosophi
>gi|1036713457|ref|XP_017140643.1| PREDICTED: uncharacterized protein LOC108154768 [Drosophila
>gi|1036713537|ref|XP_017140699.1| PREDICTED: uncharacterized protein LOC108154807 [Drosophila
>gi|1036713516|ref|XP_017140687.1| PREDICTED: diphthine methyltransferase [Drosophila miranda]
>gi|1036713440|ref|XP_017140632.1| PREDICTED: AF4/FMR2 family member 4 isoform X2 [Drosophila 1
>gi|1036713424|ref|XP_017140622.1| PREDICTED: AF4/FMR2 family member 4 isoform X1 [Drosophila i
>gi|1036713569|ref|XP_017140717.1| PREDICTED: transcription factor Maf [Drosophila miranda]
>gi|1036704626|ref|XP_017135013.1| PREDICTED: uncharacterized protein LOC108151114 [Drosophila
>gi|1036704640|ref|XP_017135023.1| PREDICTED: uncharacterized protein LOC108151114 [Drosophila
>gi|1036698225|ref|XP_017134906.1| PREDICTED: breakpoint cluster region protein [Drosophila mi
>gi|1036704659|ref|XP 017135035.1| PREDICTED: probable RNA-binding protein 19 [Drosophila mirated
>gi|1036704714|ref|XP_017135067.1| PREDICTED: uncharacterized protein LOC108151149 [Drosophila
>gi|1036698240|ref|XP 017136144.1| PREDICTED: uncharacterized protein LOC108151567 [Drosophila
>gi|1036704677|ref|XP_017135047.1| PREDICTED: uncharacterized protein LOC108151131 [Drosophila
>gi|1036704697|ref|XP_017135055.1| PREDICTED: beta-1,3-galactosyltransferase brn [Drosophila m
>gi|1036704549|ref|XP_017134967.1| PREDICTED: uncharacterized protein LOC108151088 isoform X1
>gi|1036704564|ref|XP_017134976.1| PREDICTED: uncharacterized protein LOC108151088 isoform X1
>gi|1036704579|ref|XP_017134983.1| PREDICTED: uncharacterized protein LOC108151088 isoform X1
>gi|1036704598|ref|XP_017134990.1| PREDICTED: uncharacterized protein LOC108151088 isoform X1
>gi|1036704613|ref|XP_017134999.1| PREDICTED: histone-lysine N-methyltransferase EHMT2 isoform
>gi|1036702005|ref|XP_017156117.1| PREDICTED: uncharacterized oxidoreductase SSP0419 [Drosophi
>gi|1036702021|ref|XP_017156125.1| PREDICTED: uncharacterized oxidoreductase SSP0419 [Drosophi
>gi|1036701898|ref|XP_017156051.1| PREDICTED: molybdenum cofactor synthesis protein cinnamon [
>gi|1036702165|ref|XP_017156206.1| PREDICTED: cytochrome c oxidase assembly factor 6 homolog [
>gi|1036702042|ref|XP_017156137.1| PREDICTED: uncharacterized protein LOC108164748 [Drosophila
>gi|1036701865|ref|XP 017156030.1| PREDICTED: histone-lysine N-methyltransferase Suv4-20 isofo
>gi|1036701881|ref|XP_017156038.1| PREDICTED: histone-lysine N-methyltransferase Suv4-20 isofo
>gi|1036701833|ref|XP_017156014.1| PREDICTED: histone-lysine N-methyltransferase Suv4-20 isofo
>gi|1036701848|ref|XP_017156023.1| PREDICTED: histone-lysine N-methyltransferase Suv4-20 isofo
>gi|1036702148|ref|XP_017156196.1| PREDICTED: RING-box protein 1A [Drosophila miranda]
>gi|1036701989|ref|XP_017156104.1| PREDICTED: uncharacterized protein LOC108164722 [Drosophila
>gi|1036701915|ref|XP_017156063.1| PREDICTED: protein SPT2 homolog [Drosophila miranda]
>gi|1036701951|ref|XP_017156084.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X2 [Droso
>gi|1036701932|ref|XP_017156075.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X1 [Droso
>gi|1036701970|ref|XP_017156092.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X3 [Droso
>gi|1036702059|ref|XP_017156150.1| PREDICTED: uncharacterized protein LOC108164755 [Drosophila
>gi|1036702076|ref|XP_017156160.1| PREDICTED: uncharacterized protein LOC108164755 [Drosophila
>gi|1036702093|ref|XP_017156167.1| PREDICTED: uncharacterized protein LOC108164755 [Drosophila
>gi|1036702114|ref|XP_017156176.1| PREDICTED: uncharacterized protein LOC108164755 [Drosophila
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>gi|1036702131|ref|XP_017156185.1| PREDICTED: uncharacterized protein LOC108164755 [Drosophila
>gi|1036698410|ref|XP_017150823.1| PREDICTED: uncharacterized protein LOC108160753 [Drosophila
>gi|1036707387|ref|XP_017136928.1| PREDICTED: putative odorant receptor 92a [Drosophila mirand
>gi|1036705458|ref|XP_017135617.1| PREDICTED: uncharacterized protein LOC108151486 [Drosophila
>gi|1036703751|ref|XP 017157128.1| PREDICTED: uncharacterized protein LOC108165562 [Drosophila
>gi|1036713104|ref|XP_017140430.1| PREDICTED: protein sidekick isoform X1 [Drosophila miranda]
>gi|1036713121|ref|XP 017140436.1| PREDICTED: protein sidekick isoform X2 [Drosophila miranda]
>gi|1036713144|ref|XP_017140443.1| PREDICTED: protein sidekick isoform X3 [Drosophila miranda]
>gi|1036713161|ref|XP_017140449.1| PREDICTED: protein sidekick isoform X4 [Drosophila miranda]
>gi|1036713177|ref|XP_017140458.1| PREDICTED: protein sidekick isoform X5 [Drosophila miranda]
>gi|1036713194|ref|XP_017140466.1| PREDICTED: protein sidekick isoform X6 [Drosophila miranda]
>gi|1036713211|ref|XP_017140475.1| PREDICTED: protein sidekick isoform X7 [Drosophila miranda]
>gi|1036704270|ref|XP_017134784.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1036698425|ref|XP_017151896.1| PREDICTED: uncharacterized protein LOC108161692 [Drosophila
>gi|1036755177|ref|XP_017156601.1| PREDICTED: mitochondrial 2-oxodicarboxylate carrier [Drosop
>gi|1036751123|ref|XP_017156360.1| PREDICTED: beta-amyloid-like protein isoform X1 [Drosophila
>gi|1036751141|ref|XP_017156361.1| PREDICTED: beta-amyloid-like protein isoform X1 [Drosophila
>gi|1036751215|ref|XP_017156365.1| PREDICTED: beta-amyloid-like protein isoform X5 [Drosophila
>gi|1036751197|ref|XP_017156364.1| PREDICTED: beta-amyloid-like protein isoform X4 [Drosophila
>gi|1036751179|ref|XP 017156363.1| PREDICTED: beta-amyloid-like protein isoform X3 [Drosophila
>gi|1036751234|ref|XP_017156366.1| PREDICTED: beta-amyloid-like protein isoform X6 [Drosophila
>gi|1036751160|ref|XP_017156362.1| PREDICTED: beta-amyloid-like protein isoform X2 [Drosophila
>gi|1036751251|ref|XP_017156367.1| PREDICTED: beta-amyloid-like protein isoform X7 [Drosophila
>gi|1036751269|ref|XP_017156369.1| PREDICTED: beta-amyloid-like protein isoform X8 [Drosophila
>gi|1036698440|ref|XP_017153096.1| PREDICTED: uncharacterized protein LOC108162461 [Drosophila
>gi|1036745739|ref|XP_017156066.1| PREDICTED: homeobox protein vnd isoform X2 [Drosophila mirat
>gi|1036745721|ref|XP_017156065.1| PREDICTED: homeobox protein vnd isoform X1 [Drosophila mirat
>gi|1036729959|ref|XP_017149863.1| PREDICTED: cytospin-A isoform X2 [Drosophila miranda]
>gi|1036729943|ref|XP_017149855.1| PREDICTED: cytospin-A isoform X1 [Drosophila miranda]
>gi|1036746629|ref|XP 017156120.1| PREDICTED: uncharacterized protein LOC108164738 [Drosophila
>gi|1036746612|ref|XP_017156119.1| PREDICTED: vacuolar protein sorting-associated protein 37C
>gi|1036753497|ref|XP_017156502.1| PREDICTED: ribokinase [Drosophila miranda]
>gi|1036708830|ref|XP_017137879.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017137879.1]
>gi|1036708846|ref|XP_017137887.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dr
>gi|1036708862|ref|XP 017137893.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dref|XP 017137893.1]
>gi|1036708879|ref|XP_017137902.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dr
>gi|1036708896|ref|XP_017137911.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dr
>gi|1036708913|ref|XP_017137920.1| PREDICTED: serine-rich adhesin for platelets isoform X3 [Dr
>gi|1036708949|ref|XP_017137945.1| PREDICTED: histone acetyltransferase Tip60 [Drosophila mirate
>gi|1036708964|ref|XP_017137958.1| PREDICTED: uncharacterized protein LOC108152849 [Drosophila
>gi|1036708930|ref|XP_017137932.1| PREDICTED: tRNA (cytosine(34)-C(5))-methyltransferase [Drose
>gi|1036708981|ref|XP_017137971.1| PREDICTED: uncharacterized protein LOC108152857 [Drosophila
>gi|1036749808|ref|XP_017156286.1| PREDICTED: beta-1,3-galactosyltransferase brn [Drosophila m
>gi|1036740489|ref|XP_017155531.1| PREDICTED: DNA repair protein complementing XP-A cells homo
>gi|1036740455|ref|XP_017155506.1| PREDICTED: uncharacterized protein LOC108164395 [Drosophila
>gi|1036740472|ref|XP_017155516.1| PREDICTED: uncharacterized protein LOC108164395 [Drosophila
>gi|1036735086|ref|XP_017152569.1| PREDICTED: T-complex protein 1 subunit zeta-like [Drosophile
>gi|1036735103|ref|XP_017152582.1| PREDICTED: phosphatidylinositol 4,5-bisphosphate 5-phosphate
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>gi|1036750227|ref|XP_017156309.1| PREDICTED: ubiquitin-conjugating enzyme E2 G2 [Drosophila m
>gi|1036721608|ref|XP_017145191.1| PREDICTED: WD repeat-containing protein 18 [Drosophila mirated
>gi|1036721646|ref|XP_017145215.1| PREDICTED: UPF0184 protein CG14818 [Drosophila miranda]
>gi|1036721625|ref|XP_017145204.1| PREDICTED: APOPT family protein CG14806, mitochondrial [Dros
>gi|1036721591|ref|XP 017145180.1| PREDICTED: histone-lysine N-methyltransferase trr [Drosophi
>gi|1036708117|ref|XP_017137433.1| PREDICTED: 39S ribosomal protein L16, mitochondrial isoform
>gi|1036708134|ref|XP_017137440.1| PREDICTED: 39S ribosomal protein L16, mitochondrial isoform
>gi|1036708032|ref|XP_017137380.1| PREDICTED: armadillo segment polarity protein isoform X1 [Di
>gi|1036708049|ref|XP_017137389.1| PREDICTED: armadillo segment polarity protein isoform X1 [Di
>gi|1036708066|ref|XP_017137398.1| PREDICTED: armadillo segment polarity protein isoform X1 [Di
>gi|1036708083|ref|XP_017137407.1| PREDICTED: armadillo segment polarity protein isoform X2 [Di
>gi|1036708151|ref|XP 017137451.1| PREDICTED: uncharacterized protein LOC108152546 isoform X1
>gi|1036708167|ref|XP_017137461.1| PREDICTED: uncharacterized protein LOC108152546 isoform X2
>gi|1036708182|ref|XP_017137474.1| PREDICTED: uncharacterized protein LOC108152557 isoform X1
>gi|1036708199|ref|XP_017137484.1| PREDICTED: uncharacterized protein LOC108152557 isoform X2
>gi|1036707981|ref|XP_017137343.1| PREDICTED: ER degradation-enhancing alpha-mannosidase-like
>gi|1036707947|ref|XP_017137326.1| PREDICTED: ER degradation-enhancing alpha-mannosidase-like
>gi|1036707965|ref|XP_017137335.1| PREDICTED: ER degradation-enhancing alpha-mannosidase-like
>gi|1036707930|ref|XP_017137314.1| PREDICTED: WD repeat-containing protein 7 [Drosophila miran-
>gi|1036707997|ref|XP 017137355.1| PREDICTED: protein lin-9 homolog [Drosophila miranda]
>gi|1036708100|ref|XP_017137419.1| PREDICTED: translation initiation factor eIF-2B subunit eps
>gi|1036708013|ref|XP 017137366.1| PREDICTED: type II inositol 1,4,5-trisphosphate 5-phosphata
>gi|1036717028|ref|XP_017142775.1| PREDICTED: synaptobrevin homolog YKT6 [Drosophila miranda]
>gi|1036716881|ref|XP_017142683.1| PREDICTED: protein hold'em isoform X1 [Drosophila miranda]
>gi|1036716898|ref|XP_017142691.1| PREDICTED: protein hold'em isoform X2 [Drosophila miranda]
>gi|1036716864|ref|XP_017142672.1| PREDICTED: sorting nexin-25 [Drosophila miranda]
>gi|1036716994|ref|XP_017142754.1| PREDICTED: very-long-chain 3-oxoacyl-CoA reductase-B [Droso
>gi|1036717013|ref|XP_017142763.1| PREDICTED: very-long-chain 3-oxoacyl-CoA reductase-B [Droso
>gi|1036716937|ref|XP_017142720.1| PREDICTED: fibroblast growth factor receptor 3 [Drosophila 1
>gi|1036716956|ref|XP_017142729.1| PREDICTED: fibroblast growth factor receptor 3 [Drosophila in
>gi|1036716975|ref|XP_017142739.1| PREDICTED: fibroblast growth factor receptor 3 [Drosophila 1
>gi|1036716918|ref|XP_017142704.1| PREDICTED: bystin [Drosophila miranda]
>gi|1036749133|ref|XP_017156249.1| PREDICTED: 40S ribosomal protein S6 [Drosophila miranda]
>gi|1036742788|ref|XP_017155905.1| PREDICTED: general vesicular transport factor p115 [Drosoph
>gi|1036724795|ref|XP 017146802.1| PREDICTED: uncharacterized protein LOC108158725 [Drosophila
>gi|1036724812|ref|XP_017146818.1| PREDICTED: N(G),N(G)-dimethylarginine dimethylaminohydrolas
>gi|1036728008|ref|XP 017148715.1| PREDICTED: cyclin-L1 [Drosophila miranda]
>gi|1036728027|ref|XP_017148722.1| PREDICTED: cyclin-L1 [Drosophila miranda]
>gi|1036728095|ref|XP_017148769.1| PREDICTED: DNA damage-regulated autophagy modulator protein
>gi|1036728040|ref|XP_017148734.1| PREDICTED: RNA 3'-terminal phosphate cyclase [Drosophila mi
>gi|1036728059|ref|XP_017148748.1| PREDICTED: tRNA (guanine-N(7)-)-methyltransferase [Drosophi
>gi|1036728076|ref|XP_017148757.1| PREDICTED: tRNA (guanine-N(7)-)-methyltransferase [Drosophi
>gi|1036728114|ref|XP_017148782.1| PREDICTED: uncharacterized protein LOC108159749 [Drosophila
>gi|1036742463|ref|XP_017155887.1| PREDICTED: fasciculation and elongation protein zeta-2 [Dros
>gi|1036735539|ref|XP_017152824.1| PREDICTED: tyrosine-protein phosphatase corkscrew isoform X
>gi|1036735520|ref|XP_017152816.1| PREDICTED: tyrosine-protein phosphatase corkscrew isoform X
>gi|1036735502|ref|XP_017152808.1| PREDICTED: tyrosine-protein phosphatase corkscrew isoform X
>gi|1036735558|ref|XP_017152833.1| PREDICTED: tyrosine-protein phosphatase corkscrew isoform X-
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>gi|1036745758|ref|XP_017156067.1| PREDICTED: uncharacterized protein LOC108164703 [Drosophila
>gi|1036749989|ref|XP_017156297.1| PREDICTED: AT-rich binding protein [Drosophila miranda]
>gi|1036717424|ref|XP_017142996.1| PREDICTED: uncharacterized protein LOC108156174 [Drosophila
>gi|1036717443|ref|XP_017143007.1| PREDICTED: protein suppressor of forked [Drosophila miranda]
>gi|1036717461|ref|XP_017143015.1| PREDICTED: protein suppressor of forked [Drosophila miranda]
>gi|1036698454|ref|XP_017154303.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036717511|ref|XP 017143038.1| PREDICTED: uncharacterized protein LOC108156208 [Drosophila
>gi|1036717530|ref|XP_017143050.1| PREDICTED: uncharacterized protein LOC108156220 [Drosophila
>gi|1036717480|ref|XP_017143027.1| PREDICTED: smad nuclear-interacting protein 1 [Drosophila m
>gi|1036751937|ref|XP_017156405.1| PREDICTED: uncharacterized protein LOC108164928 [Drosophila
>gi|1036756860|ref|XP_017156694.1| PREDICTED: sodium/potassium/calcium exchanger 3 isoform X1
>gi|1036756876|ref|XP_017156695.1| PREDICTED: sodium/potassium/calcium exchanger 3 isoform X2
>gi|1036757154|ref|XP_017156708.1| PREDICTED: sodium/potassium/calcium exchanger 4 [Drosophila
>gi|1036707741|ref|XP_017137192.1| PREDICTED: sodium/potassium/calcium exchanger 3 isoform X1
>gi|1036707777|ref|XP_017137210.1| PREDICTED: sodium/potassium/calcium exchanger 4 isoform X3
>gi|1036707758|ref|XP_017137201.1| PREDICTED: sodium/potassium/calcium exchanger 3 isoform X2
>gi|1036707843|ref|XP_017137261.1| PREDICTED: cytochrome c oxidase assembly factor 7 homolog [
>gi|1036698468|ref|XP_017155452.1| PREDICTED: NAD-dependent protein deacylase Sirt4 [Drosophile
>gi|1036707671|ref|XP_017137148.1| PREDICTED: RNA-binding protein 25 isoform X1 [Drosophila mi
>gi|1036707688|ref|XP 017137157.1| PREDICTED: RNA-binding protein 25 isoform X2 [Drosophila min
>gi|1036707870|ref|XP_017137276.1| PREDICTED: ras-related protein Rab-18 [Drosophila miranda]
>gi|1036707889|ref|XP 017137289.1| PREDICTED: 60S ribosomal protein L35 [Drosophila miranda]
>gi|1036707794|ref|XP_017137222.1| PREDICTED: protein trapped in endoderm-1 [Drosophila mirand
>gi|1036698483|ref|XP_017155879.1| PREDICTED: LOW QUALITY PROTEIN: gustatory receptor 5a for to
>gi|1036698498|ref|XP_017155992.1| PREDICTED: sulfated surface glycoprotein 185 [Drosophila mi
>gi|1036707707|ref|XP_017137170.1| PREDICTED: GPI inositol-deacylase [Drosophila miranda]
>gi|1036707826|ref|XP_017137249.1| PREDICTED: protein twisted gastrulation [Drosophila miranda]
>gi|1036707724|ref|XP_017137182.1| PREDICTED: paraplegin [Drosophila miranda]
>gi|1036707809|ref|XP_017137235.1| PREDICTED: circadian clock-controlled protein [Drosophila m
>gi|1036707635|ref|XP_017137127.1| PREDICTED: period circadian protein isoform X2 [Drosophila i
>gi|1036707620|ref|XP_017137119.1| PREDICTED: period circadian protein isoform X1 [Drosophila i
>gi|1036707654|ref|XP_017137135.1| PREDICTED: period circadian protein isoform X3 [Drosophila i
>gi|1036698513|ref|XP 017156109.1| PREDICTED: uncharacterized protein LOC108164705 [Drosophila
>gi|1036756602|ref|XP_017156680.1| PREDICTED: tryptophan 2,3-dioxygenase isoform X1 [Drosophile
>gi|1036756619|ref|XP 017156681.1| PREDICTED: tryptophan 2,3-dioxygenase isoform X2 [Drosophile
>gi|1036751436|ref|XP_017156377.1| PREDICTED: poly(U)-specific endoribonuclease homolog isoform
>gi|1036751455|ref|XP_017156378.1| PREDICTED: poly(U)-specific endoribonuclease homolog isoform
>gi|1036735782|ref|XP_017152955.1| PREDICTED: unconventional myosin-XV isoform X1 [Drosophila i
>gi|1036735799|ref|XP_017152964.1| PREDICTED: uncharacterized protein LOC108162639 isoform X2
>gi|1036698528|ref|XP_017156222.1| PREDICTED: tenascin-X [Drosophila miranda]
>gi|1036750155|ref|XP_017156304.1| PREDICTED: uncharacterized protein LOC108164872 [Drosophila
>gi|1036750174|ref|XP_017156306.1| PREDICTED: uncharacterized protein LOC108164872 [Drosophila
>gi|1036750190|ref|XP_017156307.1| PREDICTED: uncharacterized protein LOC108164873 [Drosophila
>gi|1036698545|ref|XP_017156336.1| PREDICTED: uncharacterized protein LOC108164869 [Drosophila
>gi|1036754905|ref|XP_017156586.1| PREDICTED: protein msta isoform X1 [Drosophila miranda]
>gi|1036754924|ref|XP_017156587.1| PREDICTED: protein msta isoform X2 [Drosophila miranda]
>gi|1036698562|ref|XP_017156464.1| PREDICTED: polycystic kidney disease 2-like 2 protein [Dros
>gi|1036698577|ref|XP_017156582.1| PREDICTED: uncharacterized protein LOC108165018 [Drosophila
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>gi|1036704892|ref|XP_017135217.1| PREDICTED: uncharacterized protein CG1552 isoform X2 [Droso
>gi|1036704876|ref|XP_017135209.1| PREDICTED: uncharacterized protein CG1552 isoform X1 [Droso
>gi|1036698592|ref|XP_017156696.1| PREDICTED: surface protein-like [Drosophila miranda]
>gi|1036705118|ref|XP_017135393.1| PREDICTED: uncharacterized protein LOC108151345 [Drosophila
>gi|1036705865|ref|XP 017135889.1| PREDICTED: uncharacterized protein LOC108151664 [Drosophila
>gi|1036703770|ref|XP_017157149.1| PREDICTED: uncharacterized protein LOC108165584 [Drosophila
>gi|1036741499|ref|XP 017155834.1| PREDICTED: protein sevenless isoform X2 [Drosophila miranda
>gi|1036741462|ref|XP_017155831.1| PREDICTED: protein sevenless isoform X1 [Drosophila miranda]
>gi|1036741481|ref|XP_017155833.1| PREDICTED: protein sevenless isoform X1 [Drosophila miranda]
>gi|1036735870|ref|XP_017153010.1| PREDICTED: uncharacterized protein LOC108162674 isoform X1
>gi|1036735890|ref|XP_017153018.1| PREDICTED: uncharacterized protein LOC108162674 isoform X2
>gi|1036735851|ref|XP_017152998.1| PREDICTED: growth hormone-inducible transmembrane protein [
>gi|1036735815|ref|XP_017152977.1| PREDICTED: lanC-like protein 3 homolog [Drosophila miranda]
>gi|1036735832|ref|XP_017152986.1| PREDICTED: lanC-like protein 3 homolog [Drosophila miranda]
>gi|1036755417|ref|XP_017156615.1| PREDICTED: apyrase isoform X2 [Drosophila miranda]
>gi|1036755398|ref|XP_017156614.1| PREDICTED: apyrase isoform X1 [Drosophila miranda]
>gi|1036710670|ref|XP_017139039.1| PREDICTED: RNA polymerase II subunit A C-terminal domain ph
>gi|1036710653|ref|XP_017139026.1| PREDICTED: glucose-6-phosphate 1-dehydrogenase [Drosophila 1
>gi|1036710620|ref|XP_017139002.1| PREDICTED: cytokine receptor isoform X2 [Drosophila miranda]
>gi|1036710602|ref|XP 017138993.1| PREDICTED: cytokine receptor isoform X1 [Drosophila miranda
>gi|1036710585|ref|XP_017138981.1| PREDICTED: cytokine receptor [Drosophila miranda]
>gi|1036710636|ref|XP 017139013.1| PREDICTED: ubiquilin-1 [Drosophila miranda]
>gi|1036742409|ref|XP_017155884.1| PREDICTED: moesin/ezrin/radixin homolog 2 [Drosophila miran-
>gi|1036752212|ref|XP_017156422.1| PREDICTED: uncharacterized protein LOC108164944 isoform X2
>gi|1036752191|ref|XP_017156421.1| PREDICTED: uncharacterized protein LOC108164944 isoform X1
>gi|1036744272|ref|XP_017155982.1| PREDICTED: cdc42 homolog [Drosophila miranda]
>gi|1036743892|ref|XP_017155963.1| PREDICTED: probable tRNA N6-adenosine threonylcarbamoyltran
>gi|1036743875|ref|XP_017155962.1| PREDICTED: Golgi resident protein GCP60 [Drosophila miranda]
>gi|1036736935|ref|XP_017153635.1| PREDICTED: probable RNA-binding protein CG14230 [Drosophila
>gi|1036736951|ref|XP_017153648.1| PREDICTED: uncharacterized protein LOC108163076 [Drosophila
>gi|1036736968|ref|XP_017153655.1| PREDICTED: uncharacterized protein LOC108163076 [Drosophila
>gi|1036736986|ref|XP_017153664.1| PREDICTED: uncharacterized protein LOC108163076 [Drosophila
>gi|1036737004|ref|XP_017153672.1| PREDICTED: uncharacterized protein LOC108163076 [Drosophila
>gi|1036754508|ref|XP_017156561.1| PREDICTED: high affinity cationic amino acid transporter 1
>gi|1036748701|ref|XP 017156226.1| PREDICTED: chorion peroxidase [Drosophila miranda]
>gi|1036750387|ref|XP_017156316.1| PREDICTED: dipeptidyl aminopeptidase-like protein 6 isoform
>gi|1036750368|ref|XP_017156315.1| PREDICTED: dipeptidyl aminopeptidase-like protein 6 isoform
>gi|1036750407|ref|XP_017156317.1| PREDICTED: uncharacterized protein LOC108164881 [Drosophila
>gi|1036734133|ref|XP_017152045.1| PREDICTED: uncharacterized protein DDB_G0287625 isoform X2
>gi|1036734076|ref|XP_017152018.1| PREDICTED: uncharacterized protein DDB_G0287625 isoform X1
>gi|1036734092|ref|XP_017152029.1| PREDICTED: uncharacterized protein DDB_G0287625 isoform X1
>gi|1036734114|ref|XP_017152037.1| PREDICTED: uncharacterized protein DDB_G0287625 isoform X1
>gi|1036749674|ref|XP_017156279.1| PREDICTED: uncharacterized protein LOC108164860 isoform X1
>gi|1036749693|ref|XP_017156280.1| PREDICTED: uncharacterized protein LOC108164860 isoform X2
>gi|1036749712|ref|XP_017156281.1| PREDICTED: uncharacterized protein LOC108164860 isoform X2
>gi|1036749731|ref|XP_017156282.1| PREDICTED: uncharacterized protein LOC108164860 isoform X2
>gi|1036749749|ref|XP_017156283.1| PREDICTED: uncharacterized protein LOC108164860 isoform X2
>gi|1036698606|ref|XP_017156772.1| PREDICTED: uncharacterized protein LOC108165203 [Drosophila
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>gi|1036757208|ref|XP_017156711.1| PREDICTED: uncharacterized protein LOC108165156 [Drosophila
>gi|1036733239|ref|XP_017151520.1| PREDICTED: proton-coupled amino acid transporter 4 isoform
>gi|1036733292|ref|XP_017151545.1| PREDICTED: proton-coupled amino acid transporter 1 [Drosoph
>gi|1036733255|ref|XP_017151527.1| PREDICTED: proton-coupled amino acid transporter 4 isoform
>gi|1036733273|ref|XP 017151535.1| PREDICTED: proton-coupled amino acid transporter 4 isoform
>gi|1036733347|ref|XP_017151579.1| PREDICTED: actin-related protein 2/3 complex subunit 3 [Dros
>gi|1036733329|ref|XP 017151569.1| PREDICTED: LOW QUALITY PROTEIN: rab-like protein 3 [Drosoph
>gi|1036733311|ref|XP_017151554.1| PREDICTED: decapping nuclease DXO homolog [Drosophila miran-
>gi|1036744610|ref|XP_017156000.1| PREDICTED: uncharacterized protein LOC108164657 isoform X2
>gi|1036744591|ref|XP_017155999.1| PREDICTED: uncharacterized protein LOC108164657 isoform X1
>gi|1036698621|ref|XP_017156875.1| PREDICTED: uncharacterized protein LOC108165318 [Drosophila
>gi|1036711462|ref|XP_017139492.1| PREDICTED: TM2 domain-containing protein almondex [Drosophi
>gi|1036711445|ref|XP_017139482.1| PREDICTED: la-related protein 7 [Drosophila miranda]
>gi|1036711340|ref|XP_017139437.1| PREDICTED: uncharacterized protein LOC108153846 isoform X1
>gi|1036711357|ref|XP_017139442.1| PREDICTED: uncharacterized protein LOC108153846 isoform X2
>gi|1036711479|ref|XP_017139501.1| PREDICTED: uncharacterized protein LOC108153913 [Drosophila
>gi|1036711374|ref|XP_017139452.1| PREDICTED: protein GPR107 isoform X1 [Drosophila miranda]
>gi|1036711393|ref|XP_017139460.1| PREDICTED: protein GPR107 isoform X2 [Drosophila miranda]
>gi|1036711408|ref|XP_017139468.1| PREDICTED: protein GPR107 isoform X2 [Drosophila miranda]
>gi|1036711428|ref|XP 017139474.1| PREDICTED: protein GPR107 isoform X2 [Drosophila miranda]
>gi|1036698635|ref|XP_017156987.1| PREDICTED: gustatory receptor 8a [Drosophila miranda]
>gi|1036698651|ref|XP 017157107.1| PREDICTED: uncharacterized protein LOC108165520 [Drosophila
>gi|1036752267|ref|XP_017156425.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036752282|ref|XP_017156426.1| PREDICTED: uncharacterized protein LOC108164948 [Drosophila
>gi|1036752300|ref|XP_017156428.1| PREDICTED: uncharacterized protein LOC108164948 [Drosophila
>gi|1036752320|ref|XP_017156429.1| PREDICTED: uncharacterized protein LOC108164948 [Drosophila
>gi|1036754740|ref|XP_017156576.1| PREDICTED: uncharacterized protein LOC108165047 [Drosophila
>gi|1036754756|ref|XP_017156577.1| PREDICTED: uncharacterized protein LOC108165047 [Drosophila
>gi|1036754771|ref|XP_017156578.1| PREDICTED: uncharacterized protein LOC108165047 [Drosophila
>gi|1036754787|ref|XP_017156579.1| PREDICTED: uncharacterized protein LOC108165047 [Drosophila
>gi|1036743966|ref|XP_017155967.1| PREDICTED: kinesin-associated protein 3 [Drosophila miranda]
>gi|1036730760|ref|XP_017150382.1| PREDICTED: receptor-mediated endocytosis protein 6 homolog
>gi|1036730779|ref|XP_017150390.1| PREDICTED: receptor-mediated endocytosis protein 6 homolog
>gi|1036730797|ref|XP_017150400.1| PREDICTED: receptor-mediated endocytosis protein 6 homolog
>gi|1036730815|ref|XP 017150408.1| PREDICTED: receptor-mediated endocytosis protein 6 homolog
>gi|1036698667|ref|XP_017134572.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036740943|ref|XP 017155800.1| PREDICTED: uncharacterized protein C1683.06c [Drosophila min
>gi|1036740959|ref|XP_017155801.1| PREDICTED: inosine-uridine preferring nucleoside hydrolase
>gi|1036714435|ref|XP_017141260.1| PREDICTED: probable glutamine-dependent NAD(+) synthetase [
>gi|1036714235|ref|XP_017141152.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X1 [Dros
>gi|1036714273|ref|XP_017141171.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X3 [Dros
>gi|1036714345|ref|XP_017141205.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X7 [Dros
>gi|1036714290|ref|XP_017141181.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X4 [Dros
>gi|1036714309|ref|XP_017141190.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X5 [Dros
>gi|1036714327|ref|XP_017141199.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X6 [Dros
>gi|1036714254|ref|XP_017141160.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X2 [Dros
>gi|1036714363|ref|XP_017141214.1| PREDICTED: uncharacterized protein LOC108155072 isoform X8
>gi|1036714380|ref|XP_017141222.1| PREDICTED: uncharacterized protein LOC108155072 isoform X9
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>gi|1036714416|ref|XP_017141248.1| PREDICTED: RING finger protein 157 [Drosophila miranda]
>gi|1036714395|ref|XP_017141236.1| PREDICTED: DNA topoisomerase 2-binding protein 1-A [Drosoph
>gi|1036739911|ref|XP_017155258.1| PREDICTED: AP-3 complex subunit delta [Drosophila miranda]
>gi|1036731592|ref|XP_017150790.1| PREDICTED: gamma-tubulin complex component 3 homolog [Droso
>gi|1036731609|ref|XP 017150801.1| PREDICTED: probable methylthioribulose-1-phosphate dehydrate
>gi|1036731626|ref|XP_017150813.1| PREDICTED: peroxisomal multifunctional enzyme type 2 [Droso
>gi|1036711983|ref|XP_017139800.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036711932|ref|XP_017139760.1| PREDICTED: programmed cell death protein 4 [Drosophila mirated]
>gi|1036712017|ref|XP_017139818.1| PREDICTED: gametocyte-specific factor 1 homolog isoform X2
>gi|1036712031|ref|XP_017139828.1| PREDICTED: gametocyte-specific factor 1 isoform X3 [Drosoph
>gi|1036712000|ref|XP_017139812.1| PREDICTED: gametocyte-specific factor 1 homolog isoform X1
>gi|1036711966|ref|XP 017139787.1| PREDICTED: probable RNA 3'-terminal phosphate cyclase-like
>gi|1036711949|ref|XP_017139770.1| PREDICTED: vitellogenin-3 [Drosophila miranda]
>gi|1036711881|ref|XP_017139731.1| PREDICTED: protein retinal degeneration B isoform X3 [Droso
>gi|1036711897|ref|XP_017139739.1| PREDICTED: protein retinal degeneration B isoform X4 [Droso
>gi|1036711914|ref|XP_017139748.1| PREDICTED: protein retinal degeneration B isoform X5 [Droso
>gi|1036711829|ref|XP_017139707.1| PREDICTED: protein retinal degeneration B isoform X1 [Droso
>gi|1036711847|ref|XP_017139715.1| PREDICTED: protein retinal degeneration B isoform X1 [Droso
>gi|1036711864|ref|XP_017139723.1| PREDICTED: protein retinal degeneration B isoform X2 [Droso
>gi|1036746543|ref|XP 017156114.1| PREDICTED: cathepsin B [Drosophila miranda]
>gi|1036702340|ref|XP_017156305.1| PREDICTED: TM2 domain-containing protein CG11103 [Drosophile
>gi|1036721009|ref|XP 017144895.1| PREDICTED: probable tubulin polyglutamylase TTLL1 isoform X
>gi|1036721046|ref|XP_017144916.1| PREDICTED: myb-like protein I [Drosophila miranda]
>gi|1036720990|ref|XP_017144886.1| PREDICTED: probable tubulin polyglutamylase TTLL1 isoform X
>gi|1036720953|ref|XP_017144868.1| PREDICTED: partitioning defective 3 homolog isoform X1 [Dros
>gi|1036720971|ref|XP_017144875.1| PREDICTED: partitioning defective 3 homolog isoform X2 [Dros
>gi|1036721028|ref|XP_017144902.1| PREDICTED: probable tubulin polyglutamylase TTLL1 isoform X
>gi|1036706297|ref|XP_017136210.1| PREDICTED: keratin-associated protein 6-2 [Drosophila mirane
>gi|1036757481|ref|XP_017156729.1| PREDICTED: pro-resilin [Drosophila miranda]
>gi|1036707913|ref|XP_017137303.1| PREDICTED: uncharacterized protein LOC108152451 [Drosophila
>gi|1036698686|ref|XP_017134677.1| PREDICTED: uncharacterized protein LOC108150846, partial [Di
>gi|1036698703|ref|XP_017134789.1| PREDICTED: phospholipase A1 2-like [Drosophila miranda]
>gi|1036753104|ref|XP_017156478.1| PREDICTED: probable phospholipase A1 magnifin [Drosophila m
>gi|1036753087|ref|XP_017156477.1| PREDICTED: vitellogenin-3 [Drosophila miranda]
>gi|1036707490|ref|XP 017136991.1| PREDICTED: heterogeneous nuclear ribonucleoprotein A1 [Dros
>gi|1036706066|ref|XP_017136048.1| PREDICTED: glycine-rich cell wall structural protein 1.0 [Di
>gi|1036705208|ref|XP 017135451.1| PREDICTED: glycine-rich cell wall structural protein 2 [Dro
>gi|1036707604|ref|XP_017137094.1| PREDICTED: ctenidin-1 [Drosophila miranda]
>gi|1036698719|ref|XP_017134907.1| PREDICTED: glycine-rich cell wall structural protein 1.0 [Di
>gi|1036737299|ref|XP_017153840.1| PREDICTED: DExH-box ATP-dependent RNA helicase DExH6 [Droso
>gi|1036737317|ref|XP_017153852.1| PREDICTED: uncharacterized protein C9orf85 homolog [Drosoph
>gi|1036737249|ref|XP_017153811.1| PREDICTED: uncharacterized protein LOC108163182 isoform X1
>gi|1036737267|ref|XP_017153820.1| PREDICTED: myb-like protein I isoform X2 [Drosophila mirand
>gi|1036737281|ref|XP_017153828.1| PREDICTED: espin isoform X3 [Drosophila miranda]
>gi|1036704126|ref|XP_017134701.1| PREDICTED: uncharacterized protein LOC108150899 [Drosophila
>gi|1036704439|ref|XP_017134894.1| PREDICTED: uncharacterized protein LOC108151036 [Drosophila
>gi|1036733525|ref|XP_017151683.1| PREDICTED: plastin-1 isoform X1 [Drosophila miranda]
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>gi|1036733543|ref|XP\_017151691.1| PREDICTED: plastin-1 isoform X2 [Drosophila miranda]

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>gi|1036746470|ref|XP_017156110.1| PREDICTED: uncharacterized protein C6orf106 homolog [Drosop
>gi|1036754219|ref|XP_017156545.1| PREDICTED: homeobox protein B-H2 [Drosophila miranda]
>gi|1036755435|ref|XP_017156616.1| PREDICTED: homeobox protein B-H1 isoform X1 [Drosophila mire
>gi|1036755454|ref|XP_017156617.1| PREDICTED: homeobox protein B-H1 isoform X2 [Drosophila mire
>gi|1036704924|ref|XP_017135242.1| PREDICTED: E3 SUMO-protein ligase PIAS1-like [Drosophila mi
>gi|1036735263|ref|XP_017152676.1| PREDICTED: probable ATP-dependent RNA helicase CG8611 [Dros
>gi|1036707111|ref|XP 017136761.1| PREDICTED: uncharacterized protein LOC108152152 [Drosophila
>gi|1036741379|ref|XP_017155826.1| PREDICTED: cytosolic endo-beta-N-acetylglucosaminidase [Dros
>gi|1036741396|ref|XP_017155827.1| PREDICTED: cytosolic endo-beta-N-acetylglucosaminidase [Dros
>gi|1036741445|ref|XP_017155830.1| PREDICTED: uncharacterized protein LOC108164539 isoform X2
>gi|1036741426|ref|XP_017155829.1| PREDICTED: uncharacterized protein LOC108164539 isoform X1
>gi|1036741413|ref|XP_017155828.1| PREDICTED: uncharacterized protein LOC108164538 [Drosophila
>gi|1036757284|ref|XP_017156716.1| PREDICTED: uncharacterized protein LOC108165160 [Drosophila
>gi|1036698734|ref|XP_017135031.1| PREDICTED: acidic leucine-rich nuclear phosphoprotein 32-ref
>gi|1036747464|ref|XP_017156170.1| PREDICTED: ubiquitin-like modifier-activating enzyme 5 [Dros
>gi|1036747798|ref|XP_017156190.1| PREDICTED: signal peptidase complex subunit 2 [Drosophila m
>gi|1036747779|ref|XP_017156189.1| PREDICTED: probable tubulin beta chain CG32396 [Drosophila i
>gi|1036710810|ref|XP_017139125.1| PREDICTED: death-associated protein kinase related-like [Dref
>gi|1036710827|ref|XP_017139133.1| PREDICTED: death-associated protein kinase related-like [Dr
>gi|1036698751|ref|XP 017135152.1| PREDICTED: death-associated protein kinase related, partial
>gi|1036698770|ref|XP_017135281.1| PREDICTED: cytochrome P450 4g15-like, partial [Drosophila m
>gi|1036704155|ref|XP 017134724.1| PREDICTED: uncharacterized protein LOC108150906 isoform X2
>gi|1036704141|ref|XP_017134715.1| PREDICTED: uncharacterized protein LOC108150906 isoform X1
>gi|1036704173|ref|XP_017134732.1| PREDICTED: uncharacterized protein LOC108150906 isoform X3
>gi|1036698781|ref|XP_017135401.1| PREDICTED: maternal protein exuperantia-2-like [Drosophila i
>gi|1036751808|ref|XP_017156397.1| PREDICTED: cytochrome P450 4g15 isoform X1 [Drosophila mirated
>gi|1036751825|ref|XP_017156398.1| PREDICTED: cytochrome P450 4g15 isoform X2 [Drosophila mirate
>gi|1036750023|ref|XP_017156299.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036750042|ref|XP_017156300.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036750062|ref|XP_017156301.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036750006|ref|XP_017156298.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036750083|ref|XP_017156302.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036750102|ref|XP_017156303.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036720713|ref|XP_017144781.1| PREDICTED: neurofilament heavy polypeptide [Drosophila mirated]
>gi|1036720694|ref|XP 017144769.1| PREDICTED: protein flightless-1 [Drosophila miranda]
>gi|1036747985|ref|XP_017156197.1| PREDICTED: protein tweety isoform X1 [Drosophila miranda]
>gi|1036748002|ref|XP 017156198.1| PREDICTED: protein tweety isoform X1 [Drosophila miranda]
>gi|1036748021|ref|XP_017156199.1| PREDICTED: protein tweety isoform X1 [Drosophila miranda]
>gi|1036748038|ref|XP_017156200.1| PREDICTED: protein tweety isoform X1 [Drosophila miranda]
>gi|1036748053|ref|XP_017156201.1| PREDICTED: protein tweety isoform X2 [Drosophila miranda]
>gi|1036748070|ref|XP_017156202.1| PREDICTED: protein tweety isoform X3 [Drosophila miranda]
>gi|1036742160|ref|XP_017155868.1| PREDICTED: pyridoxal-dependent decarboxylase domain-contain
>gi|1036757908|ref|XP_017156749.1| PREDICTED: OTU domain-containing protein 1-like [Drosophila
>gi|1036757927|ref|XP_017156750.1| PREDICTED: OTU domain-containing protein 1-like [Drosophila
>gi|1036726043|ref|XP_017147530.1| PREDICTED: acetylcholine receptor subunit alpha-like [Droso
>gi|1036726076|ref|XP_017147552.1| PREDICTED: uncharacterized protein LOC108159091 isoform X2
>gi|1036726063|ref|XP_017147543.1| PREDICTED: uncharacterized protein LOC108159091 isoform X1
>gi|1036726093|ref|XP_017147565.1| PREDICTED: pyridoxine/pyridoxamine 5'-phosphate oxidase [Dreflet oxidase | Dreflet ox
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>gi|1036726024|ref|XP 017147517.1| PREDICTED: uncharacterized protein LOC108159070 isoform X2
>gi|1036726005|ref|XP_017147510.1| PREDICTED: uncharacterized protein LOC108159070 isoform X1
>gi|1036726112|ref|XP_017147578.1| PREDICTED: uncharacterized protein LOC108159109 [Drosophila
>gi|1036747817|ref|XP_017156191.1| PREDICTED: protein RFT1 homolog [Drosophila miranda]
>gi|1036726492|ref|XP 017147819.1| PREDICTED: uncharacterized protein LOC108159225 [Drosophila
>gi|1036726505|ref|XP_017147832.1| PREDICTED: UDP-N-acetylglucosamine transporter [Drosophila 1
>gi|1036726524|ref|XP 017147846.1| PREDICTED: translation initiation factor eIF-2B subunit beta
>gi|1036726541|ref|XP_017147858.1| PREDICTED: phosphoglycolate phosphatase 2 [Drosophila miran-
>gi|1036726439|ref|XP_017147786.1| PREDICTED: uncharacterized protein LOC108159214 isoform X1
>gi|1036726458|ref|XP_017147797.1| PREDICTED: uncharacterized protein LOC108159214 isoform X2
>gi|1036726476|ref|XP_017147807.1| PREDICTED: uncharacterized protein LOC108159214 isoform X3
>gi|1036745594|ref|XP_017156057.1| PREDICTED: WW domain-binding protein 11 [Drosophila miranda]
>gi|1036732702|ref|XP_017151275.1| PREDICTED: activating signal cointegrator 1 complex subunit
>gi|1036732723|ref|XP_017151287.1| PREDICTED: mitosis initiation protein fs(1)Ya [Drosophila m
>gi|1036732742|ref|XP_017151298.1| PREDICTED: RING finger protein vilya isoform X1 [Drosophila
>gi|1036732761|ref|XP_017151306.1| PREDICTED: RING finger protein vilya isoform X2 [Drosophila
>gi|1036718943|ref|XP_017143840.1| PREDICTED: zinc finger protein 391 [Drosophila miranda]
>gi|1036718964|ref|XP_017143851.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036698798|ref|XP_017135524.1| PREDICTED: zinc finger protein 569 [Drosophila miranda]
>gi|1036718923|ref|XP 017143828.1| PREDICTED: protein cramped [Drosophila miranda]
>gi|1036718983|ref|XP_017143862.1| PREDICTED: syntaxin-4 isoform X1 [Drosophila miranda]
>gi|1036719003|ref|XP 017143871.1| PREDICTED: syntaxin-4 isoform X2 [Drosophila miranda]
>gi|1036705326|ref|XP_017135528.1| PREDICTED: uncharacterized protein LOC108151430 isoform X2
>gi|1036705311|ref|XP_017135519.1| PREDICTED: uncharacterized protein LOC108151430 isoform X1
>gi|1036752884|ref|XP_017156465.1| PREDICTED: uncharacterized protein LOC108164964 [Drosophila
>gi|1036752901|ref|XP_017156466.1| PREDICTED: uncharacterized protein LOC108164964 [Drosophila
>gi|1036698813|ref|XP_017135648.1| PREDICTED: POC1 centriolar protein homolog A-like [Drosophi
>gi|1036752919|ref|XP_017156467.1| PREDICTED: ARL-6-interacting protein 1 homolog [Drosophila 1
>gi|1036703713|ref|XP_017157108.1| PREDICTED: uncharacterized protein LOC108165541 [Drosophila
>gi|1036707146|ref|XP 017136781.1| PREDICTED: uncharacterized protein LOC108152167 [Drosophila
>gi|1036698828|ref|XP_017135766.1| PREDICTED: uncharacterized protein LOC108151568 [Drosophila
>gi|1036757172|ref|XP_017156709.1| PREDICTED: TAF5-like RNA polymerase II p300/CBP-associated
>gi|1036705033|ref|XP_017135326.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1-like [Drosophi
>gi|1036735617|ref|XP_017152866.1| PREDICTED: transmembrane protein 120 homolog isoform X1 [Dr
>gi|1036735635|ref|XP 017152876.1| PREDICTED: transmembrane protein 120 homolog isoform X2 [Dref|XP 017152876.1]
>gi|1036735598|ref|XP_017152854.1| PREDICTED: protein white isoform X2 [Drosophila miranda]
>gi|1036735579|ref|XP 017152845.1| PREDICTED: protein white isoform X1 [Drosophila miranda]
>gi|1036735650|ref|XP_017152888.1| PREDICTED: protein angel-like [Drosophila miranda]
>gi|1036705224|ref|XP_017135465.1| PREDICTED: RNA polymerase-associated protein Rtf1 [Drosophi
>gi|1036704350|ref|XP_017134836.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036705156|ref|XP_017135417.1| PREDICTED: protein germ cell-less-like [Drosophila miranda]
>gi|1036705135|ref|XP_017135405.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036698842|ref|XP_017135892.1| PREDICTED: anaphase-promoting complex subunit cdh1 [Drosoph
>gi|1036698859|ref|XP_017136018.1| PREDICTED: uncharacterized protein LOC108151713 [Drosophila
>gi|1036698874|ref|XP_017136145.1| PREDICTED: putative cyclin-dependent serine/threonine-prote
>gi|1036706528|ref|XP_017136355.1| PREDICTED: cell wall protein DAN4 [Drosophila miranda]
>gi|1036756826|ref|XP_017156692.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 [Drosophila mi
>gi|1036755996|ref|XP_017156644.1| PREDICTED: glycine, alanine and asparagine-rich protein [Dr
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>gi|1036708233|ref|XP_017137508.1| PREDICTED: uncharacterized protein LOC108152577 [Drosophila
>gi|1036698889|ref|XP_017136270.1| PREDICTED: eukaryotic translation initiation factor 4 gamma
>gi|1036706634|ref|XP 017136437.1| PREDICTED: uncharacterized protein LOC108151980 [Drosophila
>gi|1036698904|ref|XP_017136392.1| PREDICTED: PH domain-containing protein DDB_G0287875 [Droso
>gi|1036698917|ref|XP 017136516.1| PREDICTED: putative uncharacterized protein DDB G0274435 [Di
>gi|1036698931|ref|XP_017136644.1| PREDICTED: protein PRY2 [Drosophila miranda]
>gi|1036698948|ref|XP 017136777.1| PREDICTED: uncharacterized protein LOC108152142 [Drosophila
>gi|1036698961|ref|XP_017136902.1| PREDICTED: uncharacterized protein LOC108152210 [Drosophila
>gi|1036754447|ref|XP_017156558.1| PREDICTED: estradiol 17-beta-dehydrogenase 8 [Drosophila mi
>gi|1036739106|ref|XP_017154782.1| PREDICTED: irregular chiasm C-roughest protein [Drosophila i
>gi|1036703531|ref|XP_017157001.1| PREDICTED: uncharacterized protein LOC108165462 [Drosophila
>gi|1036751645|ref|XP_017156389.1| PREDICTED: uncharacterized protein LOC108164914 [Drosophila
>gi|1036698975|ref|XP_017137021.1| PREDICTED: jacalin-related lectin 34 [Drosophila miranda]
>gi|1036755261|ref|XP_017156606.1| PREDICTED: hepatoma-derived growth factor-related protein 2
>gi|1036755277|ref|XP_017156607.1| PREDICTED: uncharacterized protein LOC108165069 isoform X2
>gi|1036715997|ref|XP_017142187.1| PREDICTED: irregular chiasm C-roughest protein isoform X1 [
>gi|1036716017|ref|XP_017142194.1| PREDICTED: irregular chiasm C-roughest protein isoform X2 [
>gi|1036716037|ref|XP 017142203.1| PREDICTED: irregular chiasm C-roughest protein isoform X2 [
>gi|1036715979|ref|XP_017142172.1| PREDICTED: neurogenic locus Notch protein [Drosophila miran-
>gi|1036752611|ref|XP_017156446.1| PREDICTED: UPF0729 protein GD16342 [Drosophila miranda]
>gi|1036742016|ref|XP_017155862.1| PREDICTED: follicle cell protein 3C-1 [Drosophila miranda]
>gi|1036742037|ref|XP 017155863.1| PREDICTED: uncharacterized protein LOC108164557 [Drosophila
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>gi|1036719280|ref|XP_017144018.1| PREDICTED: uncharacterized protein LOC108156826 [Drosophila
>gi|1036719338|ref|XP_017144056.1| PREDICTED: protein new-glue 3-like [Drosophila miranda]
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>gi|1036719360|ref|XP_017144068.1| PREDICTED: protein new-glue 3-like [Drosophila miranda]
>gi|1036719299|ref|XP_017144031.1| PREDICTED: alpha-tubulin N-acetyltransferase 1-like [Drosop
>gi|1036719037|ref|XP_017143911.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719054|ref|XP_017143919.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719074|ref|XP_017143927.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719095|ref|XP_017143936.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719120|ref|XP_017143944.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719139|ref|XP_017143952.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719159|ref|XP 017143961.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719179|ref|XP_017143969.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719197|ref|XP_017143976.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase, is
>gi|1036719262|ref|XP_017144005.1| PREDICTED: katanin p60 ATPase-containing subunit A-like 2 [
>gi|1036719219|ref|XP_017143984.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719244|ref|XP_017143993.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036739750|ref|XP_017155172.1| PREDICTED: septin-5 isoform X1 [Drosophila miranda]
>gi|1036739769|ref|XP_017155178.1| PREDICTED: septin-5 isoform X2 [Drosophila miranda]
>gi|1036698998|ref|XP 017137147.1| PREDICTED: transmembrane protease serine 9-like [Drosophila
>gi|1036746332|ref|XP_017156100.1| PREDICTED: trypsin beta [Drosophila miranda]
>gi|1036746368|ref|XP_017156102.1| PREDICTED: serine protease SP24D [Drosophila miranda]
>gi|1036746351|ref|XP_017156101.1| PREDICTED: serine protease SP24D [Drosophila miranda]
>gi|1036746225|ref|XP_017156094.1| PREDICTED: carboxypeptidase D isoform X1 [Drosophila mirand
>gi|1036746244|ref|XP_017156095.1| PREDICTED: carboxypeptidase D isoform X1 [Drosophila mirand
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>gi|1036746263|ref|XP_017156096.1| PREDICTED: carboxypeptidase D isoform X2 [Drosophila mirand
>gi|1036746282|ref|XP_017156097.1| PREDICTED: carboxypeptidase D isoform X3 [Drosophila mirand
>gi|1036746297|ref|XP_017156098.1| PREDICTED: carboxypeptidase D isoform X4 [Drosophila mirand
>gi|1036746314|ref|XP_017156099.1| PREDICTED: carboxypeptidase D isoform X5 [Drosophila mirand
>gi|1036746209|ref|XP 017156093.1| PREDICTED: uncharacterized protein LOC108164719 [Drosophila
>gi|1036728992|ref|XP_017149297.1| PREDICTED: transforming growth factor beta-1-induced transc
>gi|1036729007|ref|XP 017149305.1| PREDICTED: transforming growth factor beta-1-induced transc
>gi|1036728909|ref|XP_017149239.1| PREDICTED: uncharacterized protein LOC108160007 isoform X2
>gi|1036728889|ref|XP_017149230.1| PREDICTED: uncharacterized protein LOC108160007 isoform X1
>gi|1036728873|ref|XP_017149217.1| PREDICTED: endothelin-converting enzyme 1-like isoform X2 [
>gi|1036728855|ref|XP_017149208.1| PREDICTED: endothelin-converting enzyme 1-like isoform X1 [
>gi|1036728940|ref|XP_017149263.1| PREDICTED: uncharacterized protein LOC108160031 [Drosophila
>gi|1036728959|ref|XP_017149274.1| PREDICTED: uncharacterized protein LOC108160038 [Drosophila
>gi|1036728976|ref|XP_017149286.1| PREDICTED: uncharacterized protein LOC108160049 [Drosophila
>gi|1036728925|ref|XP_017149251.1| PREDICTED: keratin, type I cytoskeletal 10-like [Drosophila
>gi|1036704855|ref|XP_017135194.1| PREDICTED: casein kinase II subunit beta'-like [Drosophila i
>gi|1036753532|ref|XP_017156504.1| PREDICTED: TWiK family of potassium channels protein 7 [Drop
>gi|1036753553|ref|XP_017156505.1| PREDICTED: lanC-like protein 3 homolog [Drosophila miranda]
>gi|1036752754|ref|XP_017156455.1| PREDICTED: transmembrane emp24 domain-containing protein 2
>gi|1036743155|ref|XP 017155927.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036743136|ref|XP_017155926.1| PREDICTED: uncharacterized protein LOC108164598 [Drosophila
>gi|1036730851|ref|XP 017150432.1| PREDICTED: uncharacterized protein LOC108160747 [Drosophila
>gi|1036730833|ref|XP_017150421.1| PREDICTED: structural maintenance of chromosomes protein 3
>gi|1036727974|ref|XP_017148695.1| PREDICTED: LOW QUALITY PROTEIN: serine/threonine-protein ph
>gi|1036736569|ref|XP_017153421.1| PREDICTED: actin-related protein 2 isoform X1 [Drosophila m
>gi|1036736587|ref|XP_017153430.1| PREDICTED: actin-related protein 2 isoform X1 [Drosophila m
>gi|1036736607|ref|XP_017153438.1| PREDICTED: actin-related protein 2 isoform X2 [Drosophila m
>gi|1036756469|ref|XP_017156672.1| PREDICTED: proteasome subunit beta type-3-like [Drosophila i
>gi|1036756487|ref|XP_017156673.1| PREDICTED: proteasome subunit beta type-3-like [Drosophila 1
>gi|1036756505|ref|XP_017156674.1| PREDICTED: proteasome subunit beta type-3-like [Drosophila n
>gi|1036738091|ref|XP_017154268.1| PREDICTED: sodium channel protein para isoform X1 [Drosophi
>gi|1036738109|ref|XP_017154276.1| PREDICTED: sodium channel protein para isoform X2 [Drosophi
>gi|1036738359|ref|XP 017154388.1| PREDICTED: sodium channel protein para isoform X15 [Drosoph
>gi|1036738197|ref|XP_017154320.1| PREDICTED: sodium channel protein para isoform X7 [Drosophi
>gi|1036738461|ref|XP 017154434.1| PREDICTED: sodium channel protein para isoform X21 [Drosoph
>gi|1036738127|ref|XP_017154285.1| PREDICTED: sodium channel protein para isoform X3 [Drosophi
>gi|1036738145|ref|XP_017154294.1| PREDICTED: sodium channel protein para isoform X4 [Drosophi
>gi|1036738429|ref|XP_017154417.1| PREDICTED: sodium channel protein para isoform X19 [Drosoph
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>gi|1036738507|ref|XP_017154459.1| PREDICTED: sodium channel protein para isoform X24 [Drosoph
>gi|1036738375|ref|XP_017154396.1| PREDICTED: sodium channel protein para isoform X16 [Drosoph
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>gi|1036738343|ref|XP_017154380.1| PREDICTED: sodium channel protein para isoform X14 [Drosoph
>gi|1036738163|ref|XP_017154304.1| PREDICTED: sodium channel protein para isoform X5 [Drosophi
>gi|1036738230|ref|XP_017154337.1| PREDICTED: sodium channel protein para isoform X9 [Drosophi
>gi|1036738212|ref|XP_017154329.1| PREDICTED: sodium channel protein para isoform X8 [Drosophi
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>gi|1036738475|ref|XP_017154442.1| PREDICTED: sodium channel protein para isoform X22 [Drosoph
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>gi|1036738247|ref|XP_017154348.1| PREDICTED: sodium channel protein para isoform X10 [Drosoph
>gi|1036738491|ref|XP_017154451.1| PREDICTED: sodium channel protein para isoform X23 [Drosoph
>gi|1036738411|ref|XP 017154411.1| PREDICTED: sodium channel protein para isoform X18 [Drosoph
>gi|1036738393|ref|XP_017154404.1| PREDICTED: sodium channel protein para isoform X17 [Drosoph
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>gi|1036738610|ref|XP_017154508.1| PREDICTED: sodium channel protein para isoform X30 [Drosoph
>gi|1036738179|ref|XP_017154312.1| PREDICTED: sodium channel protein para isoform X6 [Drosophi
>gi|1036738646|ref|XP_017154525.1| PREDICTED: sodium channel protein para isoform X32 [Drosoph
>gi|1036738628|ref|XP_017154515.1| PREDICTED: sodium channel protein para isoform X31 [Drosoph
>gi|1036738543|ref|XP_017154476.1| PREDICTED: sodium channel protein para isoform X26 [Drosoph
>gi|1036738447|ref|XP_017154426.1| PREDICTED: sodium channel protein para isoform X20 [Drosoph
>gi|1036738666|ref|XP_017154530.1| PREDICTED: sodium channel protein para isoform X33 [Drosoph
>gi|1036706974|ref|XP_017136670.1| PREDICTED: eukaryotic translation initiation factor 4H isof
>gi|1036706934|ref|XP_017136649.1| PREDICTED: eukaryotic translation initiation factor 4H isof
>gi|1036706955|ref|XP 017136659.1| PREDICTED: eukaryotic translation initiation factor 4H isof
>gi|1036707024|ref|XP_017136699.1| PREDICTED: eukaryotic translation initiation factor 2 subun
>gi|1036706875|ref|XP 017136615.1| PREDICTED: protein DDI1 homolog 2 [Drosophila miranda]
>gi|1036706991|ref|XP_017136682.1| PREDICTED: cell cycle control protein 50A [Drosophila miran-
>gi|1036706825|ref|XP_017136586.1| PREDICTED: zinc finger protein hangover isoform X2 [Drosoph
>gi|1036706808|ref|XP_017136578.1| PREDICTED: zinc finger protein hangover isoform X1 [Drosoph
>gi|1036706859|ref|XP_017136604.1| PREDICTED: zinc finger protein hangover isoform X4 [Drosoph
>gi|1036706842|ref|XP_017136596.1| PREDICTED: zinc finger protein hangover isoform X3 [Drosoph
>gi|1036706894|ref|XP_017136629.1| PREDICTED: regucalcin isoform X1 [Drosophila miranda]
>gi|1036706911|ref|XP_017136637.1| PREDICTED: regucalcin isoform X2 [Drosophila miranda]
>gi|1036707075|ref|XP_017136735.1| PREDICTED: chromatin accessibility complex protein 1 [Droso
>gi|1036707041|ref|XP_017136712.1| PREDICTED: protein LSM12 homolog A isoform X1 [Drosophila m
>gi|1036707058|ref|XP_017136721.1| PREDICTED: protein LSM12 homolog A isoform X2 [Drosophila m
>gi|1036710860|ref|XP_017139156.1| PREDICTED: pleiotropic regulator 1 [Drosophila miranda]
>gi|1036710844|ref|XP_017139146.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 7 [Drosoph
>gi|1036710877|ref|XP 017139168.1| PREDICTED: uncharacterized protein LOC108153594 [Drosophila
>gi|1036710928|ref|XP_017139206.1| PREDICTED: rhythmically expressed gene 2 protein [Drosophile
>gi|1036710894|ref|XP 017139181.1| PREDICTED: 26S protease regulatory subunit 10B [Drosophila 1
>gi|1036710911|ref|XP_017139193.1| PREDICTED: tRNA (guanine-N(7)-)-methyltransferase non-catal
>gi|1036710232|ref|XP 017138730.1| PREDICTED: kinesin-like protein Klp10A [Drosophila miranda]
>gi|1036710253|ref|XP_017138737.1| PREDICTED: kinesin-like protein Klp10A [Drosophila miranda]
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>gi|1036710326|ref|XP_017138791.1| PREDICTED: GTP-binding nuclear protein Ran [Drosophila mirat
>gi|1036710270|ref|XP_017138751.1| PREDICTED: probable G-protein coupled receptor Mth-like 1 [
>gi|1036741020|ref|XP_017155802.1| PREDICTED: DNA topoisomerase 3-beta [Drosophila miranda]
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>gi|1036719809|ref|XP 017144302.1| PREDICTED: ubiquitin [Drosophila miranda]
>gi|1036719789|ref|XP_017144290.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1036719769|ref|XP_017144277.1| PREDICTED: zinc finger SWIM domain-containing protein 8 [Dref
>gi|1036699011|ref|XP_017137275.1| PREDICTED: 60S ribosomal protein L30-like [Drosophila miran-
>gi|1036723238|ref|XP 017145878.1| PREDICTED: CAD protein [Drosophila miranda]
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>gi|1036699026|ref|XP 017137403.1| PREDICTED: LOW QUALITY PROTEIN: protein BUD31 homolog [Dros
>gi|1036723373|ref|XP_017145935.1| PREDICTED: uncharacterized protein LOC108158217 [Drosophila
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>gi|1036725562|ref|XP_017147235.1| PREDICTED: cytoplasmic dynein 1 light intermediate chain 1
>gi|1036725581|ref|XP 017147245.1| PREDICTED: cytoplasmic dynein 1 light intermediate chain 1
>gi|1036725683|ref|XP_017147298.1| PREDICTED: armadillo repeat-containing protein 2 [Drosophile
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>gi|1036754095|ref|XP_017156537.1| PREDICTED: T-box transcription factor TBX1 [Drosophila mirated
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>gi|1036703385|ref|XP_017156917.1| PREDICTED: very low-density lipoprotein receptor-like [Dros
>gi|1036703400|ref|XP_017156925.1| PREDICTED: very low-density lipoprotein receptor-like [Dros
>gi|1036744849|ref|XP_017156011.1| PREDICTED: protein DGCR14 homolog [Drosophila miranda]
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>gi|1036744766|ref|XP_017156008.1| PREDICTED: uncharacterized protein LOC108164665 isoform X2
>gi|1036744731|ref|XP_017156006.1| PREDICTED: uncharacterized protein LOC108164663 isoform X2
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>gi|1036704836|ref|XP_017135182.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036704247|ref|XP_017134774.1| PREDICTED: chorion protein S36 [Drosophila miranda]
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>gi|1036726169|ref|XP_017147613.1| PREDICTED: protein ovarian tumor locus isoform X2 [Drosophi
>gi|1036726150|ref|XP_017147604.1| PREDICTED: protein ovarian tumor locus isoform X1 [Drosophi
>gi|1036726189|ref|XP_017147621.1| PREDICTED: protein ovarian tumor locus isoform X1 [Drosophi
>gi|1036726280|ref|XP_017147668.1| PREDICTED: solute carrier family 41 member 1 isoform X5 [Dref|XP_017147668.1]
>gi|1036726257|ref|XP_017147658.1| PREDICTED: solute carrier family 41 member 1 isoform X4 [Dref|XP_017147658.1]
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>gi|1036726222|ref|XP_017147640.1| PREDICTED: solute carrier family 41 member 1 isoform X2 [Drefletten and the content of the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrier family 41 member 1 isoform X2 [Drefletten and the carrie
>gi|1036734410|ref|XP_017152186.1| PREDICTED: kinetochore protein NDC80 homolog [Drosophila mi
>gi|1036734394|ref|XP 017152174.1| PREDICTED: late secretory pathway protein AVL9 homolog [Dro
>gi|1036750613|ref|XP_017156329.1| PREDICTED: troponin T, skeletal muscle isoform X2 [Drosophi
>gi|1036750594|ref|XP 017156328.1| PREDICTED: troponin T, skeletal muscle isoform X1 [Drosophi
>gi|1036750665|ref|XP_017156332.1| PREDICTED: troponin T, skeletal muscle isoform X5 [Drosophi
>gi|1036750629|ref|XP_017156330.1| PREDICTED: troponin T, skeletal muscle isoform X3 [Drosophi
>gi|1036750832|ref|XP_017156343.1| PREDICTED: troponin T, skeletal muscle isoform X14 [Drosoph
>gi|1036750648|ref|XP_017156331.1| PREDICTED: troponin T, skeletal muscle isoform X4 [Drosophi
>gi|1036750812|ref|XP 017156342.1| PREDICTED: troponin T, skeletal muscle isoform X13 [Drosoph
>gi|1036750760|ref|XP_017156339.1| PREDICTED: troponin T, skeletal muscle isoform X10 [Drosoph
>gi|1036750741|ref|XP_017156338.1| PREDICTED: troponin T, skeletal muscle isoform X9 [Drosophi
>gi|1036750795|ref|XP_017156341.1| PREDICTED: troponin T, skeletal muscle isoform X12 [Drosoph
>gi|1036750777|ref|XP_017156340.1| PREDICTED: troponin T, skeletal muscle isoform X11 [Drosoph
>gi|1036750684|ref|XP_017156333.1| PREDICTED: troponin T, skeletal muscle isoform X6 [Drosophi
>gi|1036750703|ref|XP_017156334.1| PREDICTED: troponin T, skeletal muscle isoform X7 [Drosophi
>gi|1036750722|ref|XP_017156335.1| PREDICTED: troponin T, skeletal muscle isoform X8 [Drosophi
>gi|1036727090|ref|XP 017148180.1| PREDICTED: protein-tyrosine sulfotransferase isoform X1 [Dr.
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>gi|1036727126|ref|XP 017148197.1| PREDICTED: protein-tyrosine sulfotransferase isoform X2 [Dref|XP 017148197.1]
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>gi|1036706404|ref|XP_017136278.1| PREDICTED: larval cuticle protein LCP-14 [Drosophila mirand
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>gi|1036752865|ref|XP_017156462.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
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>gi|1036725774|ref|XP_017147365.1| PREDICTED: protein LST8 homolog [Drosophila miranda]
>gi|1036725755|ref|XP_017147351.1| PREDICTED: ADP-ribosylation factor-binding protein GGA2 [Dref|XP_017147351.1]
>gi|1036725793|ref|XP 017147377.1| PREDICTED: 40S ribosomal protein S5a [Drosophila miranda]
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>gi|1036742141|ref|XP_017155867.1| PREDICTED: uncharacterized protein LOC108164561 isoform X2
>gi|1036742123|ref|XP_017155866.1| PREDICTED: uncharacterized protein LOC108164561 isoform X1
>gi|1036752972|ref|XP_017156470.1| PREDICTED: nuclear transcription factor Y subunit gamma-lik
>gi|1036752955|ref|XP_017156469.1| PREDICTED: uncharacterized protein LOC108164968 [Drosophila
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>gi|1036731537|ref|XP_017150762.1| PREDICTED: uncharacterized protein LOC108160971 isoform X1
>gi|1036731573|ref|XP_017150778.1| PREDICTED: pleckstrin homology-like domain family B member
>gi|1036745632|ref|XP_017156059.1| PREDICTED: coatomer subunit delta [Drosophila miranda]
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>gi|1036712972|ref|XP_017140349.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036712888|ref|XP_017140304.1| PREDICTED: peroxisomal targeting signal 1 receptor [Drosoph
>gi|1036712853|ref|XP_017140283.1| PREDICTED: protein MMS22-like [Drosophila miranda]
>gi|1036712955|ref|XP_017140341.1| PREDICTED: serine/threonine-protein phosphatase Pgam5, mito
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>gi|1036712905|ref|XP_017140315.1| PREDICTED: calphotin isoform X1 [Drosophila miranda]
>gi|1036712922|ref|XP_017140323.1| PREDICTED: GATA type zinc finger protein asd-4 isoform X2 [
>gi|1036748739|ref|XP_017156228.1| PREDICTED: cytochrome P450 4d1 isoform X2 [Drosophila mirane
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>gi|1036748815|ref|XP_017156232.1| PREDICTED: E3 ubiquitin-protein ligase RNF125-like [Drosoph
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>gi|1036748796|ref|XP_017156231.1| PREDICTED: uncharacterized protein LOC108164820 isoform X2
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>gi|1036723813|ref|XP_017146163.1| PREDICTED: open rectifier potassium channel protein 1 isofo
>gi|1036723758|ref|XP 017146133.1| PREDICTED: putative ATP-dependent RNA helicase DHX57 [Droso
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>gi|1036745827|ref|XP 017156069.1| PREDICTED: methylmalonic aciduria and homocystinuria type D
>gi|1036745846|ref|XP_017156070.1| PREDICTED: COMM domain-containing protein 3 [Drosophila mire
>gi|1036753185|ref|XP 017156483.1| PREDICTED: neuferricin homolog [Drosophila miranda]
>gi|1036726315|ref|XP_017147713.1| PREDICTED: glutamate--cysteine ligase [Drosophila miranda]
>gi|1036726334|ref|XP 017147722.1| PREDICTED: glutamate--cysteine ligase [Drosophila miranda]
>gi|1036726350|ref|XP_017147730.1| PREDICTED: glutamate--cysteine ligase [Drosophila miranda]
>gi|1036726367|ref|XP_017147738.1| PREDICTED: glutamate--cysteine ligase [Drosophila miranda]
>gi|1036726386|ref|XP_017147752.1| PREDICTED: nudC domain-containing protein 1 [Drosophila mire
>gi|1036726404|ref|XP_017147764.1| PREDICTED: transmembrane emp24 domain-containing protein 3
>gi|1036726422|ref|XP_017147774.1| PREDICTED: transmembrane emp24 domain-containing protein 3
>gi|1036699084|ref|XP 017137898.1| PREDICTED: transcription factor SPT20 homolog [Drosophila m
>gi|1036703584|ref|XP_017157032.1| PREDICTED: probable cytochrome P450 28c1 [Drosophila mirand
>gi|1036699098|ref|XP_017138026.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036709050|ref|XP_017138009.1| PREDICTED: breast carcinoma-amplified sequence 3 homolog is
>gi|1036708999|ref|XP_017137984.1| PREDICTED: uncharacterized protein LOC108152864 isoform X1
>gi|1036709016|ref|XP_017137992.1| PREDICTED: uncharacterized protein LOC108152864 isoform X1
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>gi|1036710446|ref|XP_017138874.1| PREDICTED: transcriptional repressor CTCF [Drosophila miran-
>gi|1036710429|ref|XP_017138860.1| PREDICTED: dynein regulatory complex protein 1 homolog [Dros
>gi|1036710523|ref|XP_017138934.1| PREDICTED: zinc finger protein 311 isoform X1 [Drosophila m
>gi|1036710536|ref|XP_017138943.1| PREDICTED: zinc finger protein 311 isoform X2 [Drosophila m
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>gi|1036710496|ref|XP 017138912.1| PREDICTED: zinc finger protein 311 [Drosophila miranda]
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>gi|1036754365|ref|XP_017156553.1| PREDICTED: guanine nucleotide-binding protein subunit beta-
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>gi|1036748332|ref|XP_017156215.1| PREDICTED: acidic phospholipase A2 PA4 [Drosophila miranda]
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>gi|1036699128|ref|XP_017138281.1| PREDICTED: LOW QUALITY PROTEIN: odorant receptor 7a [Drosop
>gi|1036751974|ref|XP_017156407.1| PREDICTED: uncharacterized protein LOC108164930 [Drosophila
>gi|1036735669|ref|XP_017152900.1| PREDICTED: mitogen-activated protein kinase kinase kinase [
>gi|1036727799|ref|XP 017148607.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dro
>gi|1036727834|ref|XP_017148623.1| PREDICTED: uncharacterized protein LOC108159648 isoform X3
>gi|1036727899|ref|XP 017148657.1| PREDICTED: uncharacterized protein LOC108159648 isoform X5
>gi|1036727848|ref|XP_017148632.1| PREDICTED: uncharacterized protein LOC108159648 isoform X4
>gi|1036727864|ref|XP 017148640.1| PREDICTED: uncharacterized protein LOC108159648 isoform X4
>gi|1036727880|ref|XP_017148648.1| PREDICTED: uncharacterized protein LOC108159648 isoform X4
>gi|1036727917|ref|XP_017148666.1| PREDICTED: MAGUK p55 subfamily member 7 isoform X6 [Drosoph
>gi|1036727815|ref|XP_017148616.1| PREDICTED: uncharacterized protein LOC108159648 isoform X2
>gi|1036727936|ref|XP_017148676.1| PREDICTED: MAGUK p55 subfamily member 7 isoform X7 [Drosoph
>gi|1036727955|ref|XP_017148684.1| PREDICTED: MAGUK p55 subfamily member 7 isoform X7 [Drosoph
>gi|1036756326|ref|XP 017156663.1| PREDICTED: rRNA 2'-0-methyltransferase fibrillarin [Drosoph
>gi|1036699142|ref|XP_017138396.1| PREDICTED: glycine-rich protein DOT1 [Drosophila miranda]
>gi|1036736056|ref|XP_017153110.1| PREDICTED: DNA-binding protein Ewg isoform X1 [Drosophila m
>gi|1036736097|ref|XP_017153121.1| PREDICTED: DNA-binding protein Ewg isoform X3 [Drosophila m
>gi|1036736079|ref|XP_017153113.1| PREDICTED: DNA-binding protein Ewg isoform X2 [Drosophila m
>gi|1036754185|ref|XP_017156543.1| PREDICTED: ras-related protein Rap-2b [Drosophila miranda]
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>gi|1036754202|ref|XP_017156544.1| PREDICTED: uncharacterized protein LOC108165017 [Drosophila
>gi|1036706676|ref|XP_017136483.1| PREDICTED: uncharacterized protein LOC108152014 [Drosophila
>gi|1036757081|ref|XP_017156704.1| PREDICTED: uncharacterized protein LOC108165148 [Drosophila
>gi|1036699157|ref|XP_017138516.1| PREDICTED: odorant receptor 1a [Drosophila miranda]
>gi|1036755921|ref|XP 017156640.1| PREDICTED: homeobox protein 12 [Drosophila miranda]
>gi|1036755940|ref|XP_017156641.1| PREDICTED: homeobox protein 12 [Drosophila miranda]
>gi|1036755959|ref|XP 017156642.1| PREDICTED: homeobox protein 12 [Drosophila miranda]
>gi|1036755978|ref|XP_017156643.1| PREDICTED: homeobox protein 12 [Drosophila miranda]
>gi|1036753933|ref|XP_017156528.1| PREDICTED: nuclear pore complex protein DDB_G0274915 [Droso
>gi|1036699171|ref|XP_017138641.1| PREDICTED: uncharacterized protein LOC108153252 [Drosophila
>gi|1036699186|ref|XP_017138770.1| PREDICTED: uncharacterized protein LOC108153321 [Drosophila
>gi|1036757116|ref|XP_017156706.1| PREDICTED: protein yellow [Drosophila miranda]
>gi|1036702374|ref|XP_017156337.1| PREDICTED: achaete-scute complex protein T5 [Drosophila mire
>gi|1036702357|ref|XP_017156322.1| PREDICTED: achaete-scute complex protein T4 [Drosophila mire
>gi|1036702271|ref|XP_017156257.1| PREDICTED: achaete-scute complex protein T3 [Drosophila mire
>gi|1036757246|ref|XP_017156714.1| PREDICTED: pepsin-2B [Drosophila miranda]
>gi|1036754816|ref|XP_017156580.1| PREDICTED: achaete-scute complex protein T8 [Drosophila mire
>gi|1036727688|ref|XP_017148548.1| PREDICTED: cytochrome P450 4g1 [Drosophila miranda]
>gi|1036727670|ref|XP_017148537.1| PREDICTED: exportin-6-A [Drosophila miranda]
>gi|1036743242|ref|XP 017155933.1| PREDICTED: apoptosis regulatory protein Siva isoform X2 [Dr.
>gi|1036743224|ref|XP_017155932.1| PREDICTED: apoptosis regulatory protein Siva isoform X1 [Dr
>gi|1036743277|ref|XP 017155934.1| PREDICTED: uncharacterized protein LOC108164606 [Drosophila
>gi|1036738775|ref|XP_017154589.1| PREDICTED: ATP-binding cassette sub-family B member 10, mit
>gi|1036738787|ref|XP_017154598.1| PREDICTED: probable methylmalonate-semialdehyde dehydrogena
>gi|1036704384|ref|XP_017134859.1| PREDICTED: uncharacterized protein LOC108151009 [Drosophila
>gi|1036726558|ref|XP_017147870.1| PREDICTED: carboxypeptidase D isoform X1 [Drosophila mirand
>gi|1036726577|ref|XP_017147878.1| PREDICTED: carboxypeptidase D isoform X2 [Drosophila mirand
>gi|1036722294|ref|XP_017145462.1| PREDICTED: arginase-1 [Drosophila miranda]
>gi|1036722311|ref|XP_017145474.1| PREDICTED: protein elav [Drosophila miranda]
>gi|1036722277|ref|XP_017145450.1| PREDICTED: endoplasmic reticulum-Golgi intermediate comparts
>gi|1036740402|ref|XP_017155476.1| PREDICTED: chromodomain-helicase-DNA-binding protein 1 isof
>gi|1036740420|ref|XP_017155480.1| PREDICTED: chromodomain-helicase-DNA-binding protein 1 isof
>gi|1036740438|ref|XP_017155495.1| PREDICTED: NADH dehydrogenase [ubiquinone] flavoprotein 2,
>gi|1036754256|ref|XP_017156547.1| PREDICTED: uncharacterized protein LOC108165021 [Drosophila
>gi|1036749413|ref|XP 017156264.1| PREDICTED: uncharacterized protein LOC108164846 [Drosophila
>gi|1036742717|ref|XP_017155901.1| PREDICTED: transmembrane protein 41 homolog [Drosophila mire
>gi|1036740314|ref|XP_017155458.1| PREDICTED: sn1-specific diacylglycerol lipase alpha isoform
>gi|1036740298|ref|XP_017155448.1| PREDICTED: sn1-specific diacylglycerol lipase alpha isoform
>gi|1036740332|ref|XP_017155469.1| PREDICTED: aldose 1-epimerase [Drosophila miranda]
>gi|1036732353|ref|XP_017151106.1| PREDICTED: regulator of nonsense transcripts 1 homolog [Dros
>gi|1036744658|ref|XP_017156002.1| PREDICTED: poly(A) RNA polymerase gld-2 homolog B [Drosophi
>gi|1036699201|ref|XP_017138899.1| PREDICTED: NADH dehydrogenase (ubiquinone) complex I, assem
>gi|1036732299|ref|XP_017151071.1| PREDICTED: glycine-rich selenoprotein [Drosophila miranda]
>gi|1036732220|ref|XP_017151039.1| PREDICTED: anoctamin-6 isoform X1 [Drosophila miranda]
>gi|1036732243|ref|XP_017151048.1| PREDICTED: anoctamin-6 isoform X1 [Drosophila miranda]
>gi|1036732281|ref|XP_017151065.1| PREDICTED: anoctamin-6 isoform X3 [Drosophila miranda]
>gi|1036732264|ref|XP_017151057.1| PREDICTED: anoctamin-6 isoform X2 [Drosophila miranda]
>gi|1036752810|ref|XP_017156458.1| PREDICTED: 4-nitrophenylphosphatase [Drosophila miranda]
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>gi|1036752791|ref|XP_017156457.1| PREDICTED: pyridoxal phosphate phosphatase [Drosophila mirated]
>gi|1036752482|ref|XP_017156439.1| PREDICTED: loss of heterozygosity 12 chromosomal region 1 p
>gi|1036751699|ref|XP_017156390.1| PREDICTED: AH receptor-interacting protein [Drosophila mirates
>gi|1036747387|ref|XP_017156165.1| PREDICTED: SH3 domain-binding protein 5-like isoform X2 [Dr
>gi|1036747368|ref|XP_017156164.1| PREDICTED: keratin, type II cytoskeletal 1 isoform X1 [Dros
>gi|1036732370|ref|XP_017151115.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase is
>gi|1036732388|ref|XP 017151121.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase in
>gi|1036732407|ref|XP_017151128.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase is
>gi|1036732447|ref|XP_017151142.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase is
>gi|1036732483|ref|XP_017151158.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase is
>gi|1036732426|ref|XP_017151134.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase in
>gi|1036732464|ref|XP_017151149.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase in
>gi|1036732500|ref|XP_017151166.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase in
>gi|1036705277|ref|XP_017135496.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1036703079|ref|XP_017156747.1| PREDICTED: venom allergen 5-like [Drosophila miranda]
>gi|1036703214|ref|XP_017156818.1| PREDICTED: venom allergen 5-like [Drosophila miranda]
>gi|1036751106|ref|XP_017156359.1| PREDICTED: solute carrier family 46 member 3 [Drosophila min
>gi|1036735975|ref|XP_017153058.1| PREDICTED: netrin-B [Drosophila miranda]
>gi|1036703251|ref|XP_017156840.1| PREDICTED: gamma-butyrobetaine dioxygenase [Drosophila mirated]
>gi|1036736208|ref|XP 017153196.1| PREDICTED: netrin-A isoform X1 [Drosophila miranda]
>gi|1036736226|ref|XP_017153204.1| PREDICTED: netrin-A isoform X2 [Drosophila miranda]
>gi|1036741231|ref|XP_017155816.1| PREDICTED: b(0,+)-type amino acid transporter 1 isoform X2
>gi|1036741282|ref|XP_017155819.1| PREDICTED: b(0,+)-type amino acid transporter 1 isoform X5
>gi|1036741213|ref|XP_017155815.1| PREDICTED: b(0,+)-type amino acid transporter 1 isoform X1
>gi|1036741248|ref|XP_017155817.1| PREDICTED: b(0,+)-type amino acid transporter 1 isoform X3
>gi|1036741265|ref|XP_017155818.1| PREDICTED: b(0,+)-type amino acid transporter 1 isoform X4
>gi|1036741343|ref|XP_017155823.1| PREDICTED: nucleoside diphosphate kinase 6 [Drosophila mirate
>gi|1036741326|ref|XP_017155822.1| PREDICTED: probable 28S ribosomal protein S25, mitochondria
>gi|1036741299|ref|XP_017155820.1| PREDICTED: probable RNA-binding protein 18 isoform X1 [Dros
>gi|1036741313|ref|XP_017155821.1| PREDICTED: probable RNA-binding protein 18 isoform X2 [Dros
>gi|1036706228|ref|XP_017136158.1| PREDICTED: uncharacterized protein LOC108151811 [Drosophila
>gi|1036699216|ref|XP_017139141.1| PREDICTED: uncharacterized protein LOC108153545 [Drosophila
>gi|1036758052|ref|XP_017156753.1| PREDICTED: atrophin-1 [Drosophila miranda]
>gi|1036746085|ref|XP_017156085.1| PREDICTED: titin homolog isoform X2 [Drosophila miranda]
>gi|1036746028|ref|XP 017156081.1| PREDICTED: titin homolog isoform X1 [Drosophila miranda]
>gi|1036746047|ref|XP_017156082.1| PREDICTED: titin homolog isoform X1 [Drosophila miranda]
>gi|1036746066|ref|XP_017156083.1| PREDICTED: titin homolog isoform X1 [Drosophila miranda]
>gi|1036746103|ref|XP_017156086.1| PREDICTED: protein TsetseEP isoform X1 [Drosophila miranda]
>gi|1036746139|ref|XP_017156088.1| PREDICTED: transcriptional regulatory protein AlgP isoform
>gi|1036746120|ref|XP_017156087.1| PREDICTED: protein TsetseEP isoform X2 [Drosophila miranda]
>gi|1036745996|ref|XP_017156079.1| PREDICTED: uncharacterized protein LOC108164713 [Drosophila
>gi|1036746011|ref|XP_017156080.1| PREDICTED: uncharacterized protein LOC108164713 [Drosophila
>gi|1036703967|ref|XP_017134609.1| PREDICTED: venom allergen 5 [Drosophila miranda]
>gi|1036699231|ref|XP_017139260.1| PREDICTED: uncharacterized protein LOC108153628 [Drosophila
>gi|1036732853|ref|XP_017151354.1| PREDICTED: transcription factor TBF1-like [Drosophila miran-
>gi|1036732871|ref|XP_017151361.1| PREDICTED: transcription factor TBF1-like [Drosophila miran-
>gi|1036712798|ref|XP_017140241.1| PREDICTED: sodium leak channel non-selective protein isoform
>gi|1036712764|ref|XP_017140226.1| PREDICTED: sodium leak channel non-selective protein isoform
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>gi|1036712781|ref|XP 017140234.1| PREDICTED: sodium leak channel non-selective protein isoform
>gi|1036712832|ref|XP_017140273.1| PREDICTED: plasminogen receptor (KT) [Drosophila miranda]
>gi|1036712815|ref|XP 017140258.1| PREDICTED: tyrosine aminotransferase [Drosophila miranda]
>gi|1036712747|ref|XP_017140216.1| PREDICTED: golgin subfamily B member 1 [Drosophila miranda]
>gi|1036751473|ref|XP 017156379.1| PREDICTED: uncharacterized protein LOC108164910 isoform X1
>gi|1036751492|ref|XP_017156380.1| PREDICTED: uncharacterized protein LOC108164910 isoform X2
>gi|1036751511|ref|XP 017156382.1| PREDICTED: uncharacterized protein LOC108164910 isoform X2
>gi|1036714882|ref|XP_017141522.1| PREDICTED: mRNA-capping enzyme [Drosophila miranda]
>gi|1036714937|ref|XP 017141563.1| PREDICTED: tRNA-dihydrouridine(20) synthase [NAD(P)+]-like
>gi|1036714950|ref|XP_017141577.1| PREDICTED: vacuolar protein sorting-associated protein 4B [
>gi|1036714965|ref|XP_017141587.1| PREDICTED: vacuolar protein sorting-associated protein 4B [
>gi|1036714981|ref|XP 017141595.1| PREDICTED: vacuolar protein sorting-associated protein 4B [
>gi|1036714920|ref|XP_017141550.1| PREDICTED: uncharacterized protein LOC108155323 [Drosophila
>gi|1036714903|ref|XP 017141535.1| PREDICTED: serine/threonine-protein kinase ATR [Drosophila |
>gi|1036734889|ref|XP_017152458.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734907|ref|XP 017152466.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734761|ref|XP_017152404.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734923|ref|XP 017152473.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734871|ref|XP_017152450.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734852|ref|XP_017152441.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734816|ref|XP_017152426.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734833|ref|XP_017152434.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734960|ref|XP_017152490.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734780|ref|XP_017152408.1| PREDICTED: uncharacterized protein LOC108162264 isoform X2
>gi|1036734944|ref|XP_017152482.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734797|ref|XP_017152419.1| PREDICTED: dual specificity protein kinase splA isoform X3
>gi|1036734979|ref|XP_017152503.1| PREDICTED: uncharacterized protein LOC108162326 isoform X1
>gi|1036734998|ref|XP_017152510.1| PREDICTED: uncharacterized protein LOC108162326 isoform X2
>gi|1036699246|ref|XP_017139376.1| PREDICTED: axonemal 84 kDa protein [Drosophila miranda]
>gi|1036718432|ref|XP 017143530.1| PREDICTED: dynein heavy chain 6, axonemal [Drosophila mirane
>gi|1036718451|ref|XP 017143542.1| PREDICTED: xenotropic and polytropic retrovirus receptor 1
>gi|1036718474|ref|XP_017143551.1| PREDICTED: xenotropic and polytropic retrovirus receptor 1
>gi|1036718518|ref|XP 017143576.1| PREDICTED: transcriptional adapter 3 [Drosophila miranda]
>gi|1036718556|ref|XP_017143600.1| PREDICTED: 3-hydroxyacyl-CoA dehydrogenase type-2 [Drosophi
>gi|1036718495|ref|XP_017143563.1| PREDICTED: zinc finger protein 132-like [Drosophila miranda]
>gi|1036718536|ref|XP_017143590.1| PREDICTED: rho GTPase-activating protein 15 [Drosophila mire
>gi|1036735017|ref|XP 017152522.1| PREDICTED: multivesicular body subunit 12A isoform X1 [Dros
>gi|1036735033|ref|XP_017152531.1| PREDICTED: multivesicular body subunit 12A isoform X2 [Dros
>gi|1036735051|ref|XP_017152545.1| PREDICTED: transcription initiation factor TFIID subunit 8
>gi|1036736366|ref|XP_017153295.1| PREDICTED: amyloid protein-binding protein 2 isoform X1 [Dr
>gi|1036736383|ref|XP_017153303.1| PREDICTED: amyloid protein-binding protein 2 isoform X2 [Dro
>gi|1036748202|ref|XP_017156210.1| PREDICTED: uncharacterized protein LOC108164797 isoform X1
>gi|1036748221|ref|XP 017156211.1| PREDICTED: uncharacterized protein LOC108164797 isoform X2
>gi|1036748240|ref|XP 017156212.1| PREDICTED: type-1 angiotensin II receptor-associated protein
>gi|1036740280|ref|XP_017155437.1| PREDICTED: uncharacterized protein LOC108164297 [Drosophila
>gi|1036740262|ref|XP_017155426.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1036724452|ref|XP_017146586.1| PREDICTED: neprilysin-2 [Drosophila miranda]
>gi|1036724469|ref|XP_017146594.1| PREDICTED: neprilysin-2 [Drosophila miranda]
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>gi|1036724486|ref|XP_017146603.1| PREDICTED: neprilysin-2 [Drosophila miranda]
>gi|1036724505|ref|XP_017146615.1| PREDICTED: multiple inositol polyphosphate phosphatase 1 [Di
>gi|1036724436|ref|XP_017146576.1| PREDICTED: regulatory-associated protein of mTOR [Drosophile
>gi|1036756986|ref|XP_017156699.1| PREDICTED: protein THEM6 [Drosophila miranda]
>gi|1036757005|ref|XP 017156700.1| PREDICTED: protein THEM6 [Drosophila miranda]
>gi|1036757024|ref|XP_017156701.1| PREDICTED: protein THEM6 [Drosophila miranda]
>gi|1036754997|ref|XP 017156591.1| PREDICTED: protein THEM6 [Drosophila miranda]
>gi|1036754867|ref|XP_017156583.1| PREDICTED: tetraspanin-9 [Drosophila miranda]
>gi|1036754886|ref|XP 017156584.1| PREDICTED: uncharacterized protein LOC108165054 [Drosophila
>gi|1036704420|ref|XP_017134880.1| PREDICTED: uncharacterized protein LOC108151028 [Drosophila
>gi|1036751718|ref|XP_017156391.1| PREDICTED: hyphally regulated cell wall protein 3 [Drosophi
>gi|1036743445|ref|XP_017155944.1| PREDICTED: brefeldin A-inhibited guanine nucleotide-exchange
>gi|1036752773|ref|XP_017156456.1| PREDICTED: malignant T-cell-amplified sequence 1 homolog [Di
>gi|1036752230|ref|XP_017156423.1| PREDICTED: cell cycle negative regulator roughex [Drosophile
>gi|1036751899|ref|XP_017156403.1| PREDICTED: protein mab-21 [Drosophila miranda]
>gi|1036754710|ref|XP 017156574.1| PREDICTED: protein mab-21-like [Drosophila miranda]
>gi|1036754725|ref|XP_017156575.1| PREDICTED: protein mab-21-like [Drosophila miranda]
>gi|1036750957|ref|XP 017156349.1| PREDICTED: pancreatic triacylglycerol lipase [Drosophila mi
>gi|1036741159|ref|XP_017155811.1| PREDICTED: glutamate receptor-interacting protein 1 isoform
>gi|1036741141|ref|XP 017155810.1| PREDICTED: glutamate receptor-interacting protein 1 isoform
>gi|1036740711|ref|XP_017155683.1| PREDICTED: uncharacterized protein LOC108164460 [Drosophila
>gi|1036740729|ref|XP 017155697.1| PREDICTED: uncharacterized protein LOC108164466 [Drosophila
>gi|1036706194|ref|XP_017136132.1| PREDICTED: trypsin eta-like [Drosophila miranda]
>gi|1036704001|ref|XP_017134631.1| PREDICTED: trypsin-1-like [Drosophila miranda]
>gi|1036745287|ref|XP_017156037.1| PREDICTED: trypsin I-P1 isoform X1 [Drosophila miranda]
>gi|1036745304|ref|XP_017156039.1| PREDICTED: trypsin I-P1 isoform X2 [Drosophila miranda]
>gi|1036745321|ref|XP_017156040.1| PREDICTED: trypsin I-P1 isoform X3 [Drosophila miranda]
>gi|1036745338|ref|XP_017156041.1| PREDICTED: uncharacterized protein LOC108164685 isoform X4
>gi|1036745354|ref|XP_017156042.1| PREDICTED: urokinase-type plasminogen activator isoform X5
>gi|1036745370|ref|XP_017156043.1| PREDICTED: trypsin eta isoform X1 [Drosophila miranda]
>gi|1036745387|ref|XP_017156044.1| PREDICTED: trypsin eta isoform X2 [Drosophila miranda]
>gi|1036745404|ref|XP_017156045.1| PREDICTED: trypsin eta isoform X3 [Drosophila miranda]
>gi|1036745421|ref|XP 017156046.1| PREDICTED: uncharacterized protein LOC108164687 [Drosophila
>gi|1036745233|ref|XP_017156034.1| PREDICTED: protein bric-a-brac 1 isoform X1 [Drosophila mire
>gi|1036745269|ref|XP 017156036.1| PREDICTED: protein bric-a-brac 1 isoform X3 [Drosophila mire
>gi|1036745252|ref|XP_017156035.1| PREDICTED: protein bric-a-brac 1 isoform X2 [Drosophila mire
>gi|1036712511|ref|XP 017140078.1| PREDICTED: serine hydroxymethyltransferase, cytosolic [Dros
>gi|1036712594|ref|XP_017140128.1| PREDICTED: transmembrane protein 256 homolog [Drosophila mi
>gi|1036712528|ref|XP_017140088.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1036712545|ref|XP_017140096.1| PREDICTED: modifier of mdg4 isoform X2 [Drosophila miranda]
>gi|1036712561|ref|XP_017140108.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1036712577|ref|XP_017140118.1| PREDICTED: actin-5C [Drosophila miranda]
>gi|1036742251|ref|XP 017155874.1| PREDICTED: serine/threonine-protein phosphatase beta isoform
>gi|1036742233|ref|XP_017155873.1| PREDICTED: serine/threonine-protein phosphatase beta isoform
>gi|1036755592|ref|XP_017156621.1| PREDICTED: uncharacterized protein LOC108165082 isoform X1
>gi|1036755609|ref|XP_017156622.1| PREDICTED: uncharacterized protein LOC108165082 isoform X2
>gi|1036703787|ref|XP_017157160.1| PREDICTED: sphingomyelin synthase-related 1-like [Drosophile]
>gi|1036699261|ref|XP_017139456.1| PREDICTED: odorant receptor 9a [Drosophila miranda]
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>gi|1036743789|ref|XP_017155959.1| PREDICTED: uncharacterized protein LOC108164624 [Drosophila
>gi|1036743624|ref|XP_017155952.1| PREDICTED: uncharacterized protein LOC108164621 isoform X4
>gi|1036743549|ref|XP_017155948.1| PREDICTED: uncharacterized protein LOC108164621 isoform X1
>gi|1036743568|ref|XP_017155949.1| PREDICTED: uncharacterized protein LOC108164621 isoform X1
>gi|1036743587|ref|XP 017155950.1| PREDICTED: uncharacterized protein LOC108164621 isoform X2
>gi|1036743606|ref|XP_017155951.1| PREDICTED: uncharacterized protein LOC108164621 isoform X3
>gi|1036743716|ref|XP 017155957.1| PREDICTED: uncharacterized protein LOC108164621 isoform X8
>gi|1036743643|ref|XP_017155953.1| PREDICTED: uncharacterized protein LOC108164621 isoform X5
>gi|1036743661|ref|XP_017155954.1| PREDICTED: uncharacterized protein LOC108164621 isoform X6
>gi|1036743680|ref|XP_017155955.1| PREDICTED: uncharacterized protein LOC108164621 isoform X6
>gi|1036743699|ref|XP_017155956.1| PREDICTED: uncharacterized protein LOC108164621 isoform X7
>gi|1036748257|ref|XP_017156213.1| PREDICTED: up-regulated during skeletal muscle growth prote
>gi|1036719849|ref|XP_017144338.1| PREDICTED: neurogenic protein mastermind [Drosophila mirand
>gi|1036719827|ref|XP_017144316.1| PREDICTED: transcription factor grauzone [Drosophila mirand
>gi|1036733434|ref|XP_017151633.1| PREDICTED: serine/threonine-protein phosphatase 4 regulator
>gi|1036733452|ref|XP_017151641.1| PREDICTED: serine/threonine-protein phosphatase 4 regulator
>gi|1036733470|ref|XP_017151650.1| PREDICTED: serine/threonine-protein phosphatase 4 regulator
>gi|1036733489|ref|XP 017151662.1| PREDICTED: leucine-rich repeat-containing protein 58 [Droso
>gi|1036722475|ref|XP_017145554.1| PREDICTED: protein sprint isoform X3 [Drosophila miranda]
>gi|1036722494|ref|XP 017145555.1| PREDICTED: protein sprint isoform X3 [Drosophila miranda]
>gi|1036722512|ref|XP_017145556.1| PREDICTED: protein sprint isoform X4 [Drosophila miranda]
>gi|1036722437|ref|XP 017145540.1| PREDICTED: protein sprint isoform X1 [Drosophila miranda]
>gi|1036722456|ref|XP_017145548.1| PREDICTED: protein sprint isoform X2 [Drosophila miranda]
>gi|1036722529|ref|XP_017145557.1| PREDICTED: protein sprint isoform X5 [Drosophila miranda]
>gi|1036722550|ref|XP_017145558.1| PREDICTED: protein sprint isoform X5 [Drosophila miranda]
>gi|1036722569|ref|XP_017145559.1| PREDICTED: protein sprint isoform X6 [Drosophila miranda]
>gi|1036722646|ref|XP_017145587.1| PREDICTED: uncharacterized protein LOC108157950 [Drosophila
>gi|1036722667|ref|XP_017145595.1| PREDICTED: uncharacterized protein LOC108157950 [Drosophila
>gi|1036722592|ref|XP_017145560.1| PREDICTED: microspherule protein 1-like [Drosophila miranda]
>gi|1036722609|ref|XP_017145567.1| PREDICTED: microspherule protein 1-like [Drosophila miranda]
>gi|1036722682|ref|XP_017145606.1| PREDICTED: uncharacterized protein LOC108157968 [Drosophila
>gi|1036722628|ref|XP_017145576.1| PREDICTED: uncharacterized protein F09G8.5-like [Drosophila
>gi|1036706161|ref|XP_017136113.1| PREDICTED: GTP-binding protein ypt1-like [Drosophila mirand
>gi|1036731735|ref|XP_017150828.1| PREDICTED: uncharacterized protein LOC108161083 [Drosophila
>gi|1036738937|ref|XP 017154693.1| PREDICTED: FAST kinase domain-containing protein 5, mitocho
>gi|1036738953|ref|XP_017154706.1| PREDICTED: LOW QUALITY PROTEIN: mitochondrial ornithine trans
>gi|1036751088|ref|XP 017156357.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036741801|ref|XP_017155852.1| PREDICTED: uncharacterized protein LOC108164549 [Drosophila
>gi|1036741693|ref|XP_017155845.1| PREDICTED: uncharacterized protein LOC108164547 isoform X1
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>gi|1036741768|ref|XP 017155849.1| PREDICTED: uncharacterized protein LOC108164547 isoform X2
>gi|1036741784|ref|XP_017155850.1| PREDICTED: uncharacterized protein LOC108164548 [Drosophila
>gi|1036705425|ref|XP_017135596.1| PREDICTED: rRNA biogenesis protein rrp36-like [Drosophila m
>gi|1036725961|ref|XP_017147489.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase a
>gi|1036725984|ref|XP_017147497.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase a
>gi|1036725923|ref|XP_017147468.1| PREDICTED: BTB/POZ domain-containing protein 9 isoform X1 [
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>gi|1036725942|ref|XP_017147476.1| PREDICTED: BTB/POZ domain-containing protein 9 isoform X2 [
>gi|1036717963|ref|XP_017143290.1| PREDICTED: uncharacterized protein LOC108156382 [Drosophila
>gi|1036717885|ref|XP_017143246.1| PREDICTED: ADP,ATP carrier protein [Drosophila miranda]
>gi|1036717904|ref|XP_017143257.1| PREDICTED: ADP,ATP carrier protein [Drosophila miranda]
>gi|1036717926|ref|XP 017143266.1| PREDICTED: ADP,ATP carrier protein [Drosophila miranda]
>gi|1036717866|ref|XP_017143234.1| PREDICTED: protein penguin [Drosophila miranda]
>gi|1036717944|ref|XP 017143278.1| PREDICTED: putative peptidyl-prolyl cis-trans isomerase dod
>gi|1036728836|ref|XP_017149195.1| PREDICTED: sphingosine kinase 2 [Drosophila miranda]
>gi|1036728748|ref|XP_017149147.1| PREDICTED: ecotropic viral integration site 5 ortholog isof
>gi|1036728767|ref|XP_017149154.1| PREDICTED: ecotropic viral integration site 5 ortholog isof
>gi|1036728784|ref|XP_017149163.1| PREDICTED: ecotropic viral integration site 5 ortholog isof
>gi|1036728801|ref|XP 017149173.1| PREDICTED: ecotropic viral integration site 5 ortholog isof
>gi|1036728819|ref|XP_017149182.1| PREDICTED: ecotropic viral integration site 5 ortholog isof
>gi|1036746435|ref|XP_017156107.1| PREDICTED: glutamine synthetase 2 cytoplasmic isoform X3 [Di
>gi|1036746403|ref|XP_017156105.1| PREDICTED: glutamine synthetase 2 cytoplasmic isoform X1 [Di
>gi|1036746420|ref|XP 017156106.1| PREDICTED: glutamine synthetase 2 cytoplasmic isoform X2 [Di
>gi|1036746453|ref|XP_017156108.1| PREDICTED: odorant receptor 10a [Drosophila miranda]
>gi|1036746385|ref|XP_017156103.1| PREDICTED: gustatory receptor 10a [Drosophila miranda]
>gi|1036707473|ref|XP_017136981.1| PREDICTED: putative gustatory receptor 10b [Drosophila mirated]
>gi|1036715328|ref|XP 017141794.1| PREDICTED: uncharacterized protein LOC108155479 [Drosophila
>gi|1036715568|ref|XP_017141910.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715549|ref|XP_017141902.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715511|ref|XP_017141885.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
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>gi|1036715402|ref|XP_017141833.1| PREDICTED: disks large 1 tumor suppressor protein isoform X-
>gi|1036715383|ref|XP_017141823.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715366|ref|XP_017141814.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715347|ref|XP_017141805.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
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>gi|1036715624|ref|XP_017141939.1| PREDICTED: uncharacterized protein LOC108155555 [Drosophila
>gi|1036752008|ref|XP 017156410.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036732597|ref|XP_017151220.1| PREDICTED: tyrosine-protein kinase hopscotch [Drosophila mi
>gi|1036751627|ref|XP_017156388.1| PREDICTED: uncharacterized protein LOC108164913 [Drosophila
>gi|1036743173|ref|XP_017155928.1| PREDICTED: segment polarity protein dishevelled [Drosophila
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>gi|1036724143|ref|XP_017146384.1| PREDICTED: uncharacterized protein LOC108158514 [Drosophila
>gi|1036724124|ref|XP 017146371.1| PREDICTED: uncharacterized protein C1orf131 [Drosophila mire
>gi|1036724106|ref|XP_017146356.1| PREDICTED: alanine--glyoxylate aminotransferase 2-like [Dros
>gi|1036699276|ref|XP_017139662.1| PREDICTED: E3 ubiquitin-protein ligase RFWD3-like, partial
>gi|1036733820|ref|XP_017151829.1| PREDICTED: putative vitellogenin receptor isoform X2 [Droso
>gi|1036733801|ref|XP_017151821.1| PREDICTED: putative vitellogenin receptor isoform X1 [Droso
>gi|1036733890|ref|XP_017151883.1| PREDICTED: uncharacterized protein LOC108161948 [Drosophila
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>gi|1036733947|ref|XP_017151921.1| PREDICTED: prisilkin-39 [Drosophila miranda]
>gi|1036733873|ref|XP_017151869.1| PREDICTED: probable ATP-dependent RNA helicase ddx17 [Droso
>gi|1036733928|ref|XP_017151910.1| PREDICTED: uncharacterized protein LOC108161959 [Drosophila
>gi|1036733855|ref|XP_017151856.1| PREDICTED: cuticle protein 16.5 [Drosophila miranda]
>gi|1036699291|ref|XP 017139786.1| PREDICTED: uncharacterized protein LOC108154124 [Drosophila
>gi|1036699305|ref|XP_017139917.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1036699320|ref|XP 017140034.1| PREDICTED: proline-rich protein HaeIII subfamily 1 [Drosoph
>gi|1036733909|ref|XP_017151898.1| PREDICTED: cuticle protein 16.5 [Drosophila miranda]
>gi|1036733837|ref|XP_017151842.1| PREDICTED: hyphal wall protein 1 [Drosophila miranda]
>gi|1036707092|ref|XP_017136749.1| PREDICTED: MICOS complex subunit Mic10 [Drosophila miranda]
>gi|1036704766|ref|XP_017135126.1| PREDICTED: probable mitochondrial import inner membrane tra
>gi|1036705546|ref|XP_017135668.1| PREDICTED: sperm flagellar protein 1-like [Drosophila miran
>gi|1036705072|ref|XP_017135358.1| PREDICTED: uncharacterized protein LOC108151319 [Drosophila
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>gi|1036700935|ref|XP_017152298.1| PREDICTED: uncharacterized protein LOC108162178 [Drosophila
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>gi|1036700721|ref|XP_017150989.1| PREDICTED: uncharacterized protein LOC108161245 [Drosophila
>gi|1036700662|ref|XP_017150645.1| PREDICTED: AMP deaminase 2 isoform X2 [Drosophila miranda]
>gi|1036700645|ref|XP_017150564.1| PREDICTED: AMP deaminase 2 isoform X1 [Drosophila miranda]
>gi|1036700677|ref|XP_017150723.1| PREDICTED: AMP deaminase 2 isoform X3 [Drosophila miranda]
>gi|1036700707|ref|XP_017150886.1| PREDICTED: LIM domain-containing protein jub [Drosophila mi
>gi|1036700614|ref|XP_017150318.1| PREDICTED: nuclear pore complex protein Nup93 [Drosophila m
>gi|1036700983|ref|XP_017152620.1| PREDICTED: chloride intracellular channel exc-4 isoform X2
>gi|1036700969|ref|XP_017152540.1| PREDICTED: chloride intracellular channel exc-4 isoform X1
>gi|1036700954|ref|XP_017152418.1| PREDICTED: nucleoside diphosphate-linked moiety X motif 8 [
>gi|1036700600|ref|XP_017150194.1| PREDICTED: AP-1 complex subunit beta-1 [Drosophila miranda]
>gi|1036700868|ref|XP 017151767.1| PREDICTED: transmembrane protein 198 [Drosophila miranda]
>gi|1036701105|ref|XP_017153584.1| PREDICTED: cytochrome b-c1 complex subunit 10 [Drosophila m
>gi|1036701090|ref|XP 017153460.1| PREDICTED: cytochrome c oxidase subunit 6B1 [Drosophila mire
>gi|1036700882|ref|XP_017151897.1| PREDICTED: TRAF3-interacting protein 1 [Drosophila miranda]
>gi|1036700895|ref|XP 017151980.1| PREDICTED: TRAF3-interacting protein 1 [Drosophila miranda]
>gi|1036700907|ref|XP_017152065.1| PREDICTED: TRAF3-interacting protein 1 [Drosophila miranda]
>gi|1036701045|ref|XP_017153097.1| PREDICTED: ribonuclease P protein subunit p20 [Drosophila m
>gi|1036701075|ref|XP_017153340.1| PREDICTED: transmembrane protein 203 [Drosophila miranda]
>gi|1036700922|ref|XP_017152189.1| PREDICTED: beta-parvin [Drosophila miranda]
>gi|1036700998|ref|XP_017152732.1| PREDICTED: FAD-linked sulfhydryl oxidase ALR [Drosophila mi
>gi|1036701060|ref|XP 017153217.1| PREDICTED: uncharacterized protein LOC108162787 [Drosophila
>gi|1036700693|ref|XP_017150824.1| PREDICTED: uncharacterized protein LOC108161006 [Drosophila
>gi|1036700395|ref|XP_017148872.1| PREDICTED: nuclear pore complex protein Nup153 isoform X1 [
>gi|1036700409|ref|XP_017148950.1| PREDICTED: nuclear pore complex protein Nup153 isoform X1 [
>gi|1036700424|ref|XP_017149035.1| PREDICTED: nuclear pore complex protein Nup153 isoform X2 [
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>gi|1036700453|ref|XP\_017149204.1| PREDICTED: nuclear pore complex protein Nup153 isoform X4 [

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>gi|1036700438|ref|XP_017149115.1| PREDICTED: nuclear pore complex protein Nup153 isoform X3 [
>gi|1036700736|ref|XP_017151097.1| PREDICTED: serine/threonine-protein kinase PAK mbt [Drosoph
>gi|1036700336|ref|XP_017148507.1| PREDICTED: homeotic protein female sterile isoform X5 [Dros
>gi|1036700307|ref|XP_017148328.1| PREDICTED: homeotic protein female sterile isoform X3 [Dros
>gi|1036700292|ref|XP_017148241.1| PREDICTED: homeotic protein female sterile isoform X2 [Dros
>gi|1036700321|ref|XP_017148412.1| PREDICTED: homeotic protein female sterile isoform X4 [Dros
>gi|1036700202|ref|XP 017147727.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
>gi|1036700216|ref|XP_017147815.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
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>gi|1036700242|ref|XP_017147986.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
>gi|1036700256|ref|XP_017148072.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
>gi|1036700273|ref|XP_017148151.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
>gi|1036700353|ref|XP_017148586.1| PREDICTED: homeotic protein female sterile isoform X6 [Dros
>gi|1036700381|ref|XP_017148753.1| PREDICTED: homeotic protein female sterile isoform X8 [Dros
>gi|1036700367|ref|XP_017148671.1| PREDICTED: homeotic protein female sterile isoform X7 [Dros
>gi|1036700826|ref|XP_017151493.1| PREDICTED: multifunctional protein ADE2 [Drosophila miranda]
>gi|1036700630|ref|XP_017150441.1| PREDICTED: TBC domain-containing protein kinase-like protein
>gi|1036700811|ref|XP_017151391.1| PREDICTED: heparan-alpha-glucosaminide N-acetyltransferase
>gi|1036700750|ref|XP_017151204.1| PREDICTED: uncharacterized protein LOC108161422 [Drosophila
>gi|1036700787|ref|XP 017151279.1| PREDICTED: uncharacterized protein LOC108161422 [Drosophila
>gi|1036700844|ref|XP_017151607.1| PREDICTED: zinc finger BED domain-containing protein 4-like
>gi|1036700526|ref|XP_017149660.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X3 [Dros
>gi|1036700468|ref|XP_017149328.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X1 [Dros
>gi|1036700483|ref|XP_017149411.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X1 [Drop
>gi|1036700497|ref|XP_017149493.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X1 [Dros
>gi|1036700511|ref|XP_017149577.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X2 [Dros
>gi|1036701028|ref|XP_017152973.1| PREDICTED: uncharacterized protein LOC108162621 [Drosophila
>gi|1036701013|ref|XP_017152853.1| PREDICTED: CTD nuclear envelope phosphatase 1A-like [Drosop
>gi|1036700541|ref|XP_017149790.1| PREDICTED: protein ovo isoform X1 [Drosophila miranda]
>gi|1036700555|ref|XP_017149875.1| PREDICTED: protein ovo isoform X2 [Drosophila miranda]
>gi|1036700570|ref|XP_017149993.1| PREDICTED: zinc finger protein 236 [Drosophila miranda]
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>gi|1036739071|ref|XP_017154762.1| PREDICTED: innexin inx1 [Drosophila miranda]
>gi|1036739089|ref|XP_017154770.1| PREDICTED: innexin inx1 [Drosophila miranda]
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>gi|1036755344|ref|XP_017156611.1| PREDICTED: innexin inx7 [Drosophila miranda]
>gi|1036732044|ref|XP_017150958.1| PREDICTED: innexin inx2 [Drosophila miranda]
>gi|1036736115|ref|XP_017153134.1| PREDICTED: mitochondrial import receptor subunit TOM7 homological import receptor su
>gi|1036736151|ref|XP_017153160.1| PREDICTED: AP-3 complex subunit mu-2 [Drosophila miranda]
>gi|1036736174|ref|XP_017153171.1| PREDICTED: small integral membrane protein 4 [Drosophila mi
>gi|1036736190|ref|XP_017153183.1| PREDICTED: uncharacterized protein C12orf73 homolog [Drosop
>gi|1036736133|ref|XP_017153146.1| PREDICTED: zinc finger protein 782 [Drosophila miranda]
>gi|1036748513|ref|XP_017156216.1| PREDICTED: uncharacterized protein LOC108164807 [Drosophila
>gi|1036748551|ref|XP_017156218.1| PREDICTED: protein nullo [Drosophila miranda]
>gi|1036748532|ref|XP_017156217.1| PREDICTED: uncharacterized protein LOC108164808 [Drosophila
>gi|1036748570|ref|XP_017156219.1| PREDICTED: uncharacterized protein LOC108164810 [Drosophila
>gi|1036731237|ref|XP_017150618.1| PREDICTED: uncharacterized protein LOC108160864 isoform X1
>gi|1036731292|ref|XP_017150646.1| PREDICTED: xenotropic and polytropic retrovirus receptor 1
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>gi|1036731307|ref|XP_017150653.1| PREDICTED: xenotropic and polytropic retrovirus receptor 1
>gi|1036731273|ref|XP_017150635.1| PREDICTED: uncharacterized protein LOC108160864 isoform X3
>gi|1036731254|ref|XP_017150626.1| PREDICTED: uncharacterized protein LOC108160864 isoform X2
>gi|1036722404|ref|XP_017145521.1| PREDICTED: peptide transporter family 1 [Drosophila miranda]
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>gi|1036722349|ref|XP 017145494.1| PREDICTED: peptide transporter family 1 isoform X2 [Drosoph
>gi|1036722368|ref|XP_017145502.1| PREDICTED: peptide transporter family 1 isoform X3 [Drosoph
>gi|1036722328|ref|XP_017145485.1| PREDICTED: peptide transporter family 1 isoform X1 [Drosoph
>gi|1036741634|ref|XP_017155841.1| PREDICTED: zinc finger protein ZPR1 [Drosophila miranda]
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>gi|1036722164|ref|XP_017145379.1| PREDICTED: dolichyl-diphosphooligosaccharide--protein glyco-
>gi|1036722185|ref|XP_017145391.1| PREDICTED: histone H3.3 [Drosophila miranda]
>gi|1036722145|ref|XP_017145369.1| PREDICTED: basic proline-rich protein [Drosophila miranda]
>gi|1036729638|ref|XP_017149692.1| PREDICTED: frataxin homolog, mitochondrial [Drosophila mirat
>gi|1036729619|ref|XP_017149678.1| PREDICTED: uncharacterized protein CG7065 [Drosophila miran-
>gi|1036754237|ref|XP_017156546.1| PREDICTED: probable sodium/metabolite cotransporter BASS5,
>gi|1036739338|ref|XP_017154934.1| PREDICTED: transmembrane protein fend [Drosophila miranda]
>gi|1036722204|ref|XP 017145403.1| PREDICTED: LOW QUALITY PROTEIN: AP-1 complex subunit gamma-
>gi|1036722241|ref|XP_017145426.1| PREDICTED: ADP-ribosylation factor-related protein 1 [Droso
>gi|1036722260|ref|XP 017145438.1| PREDICTED: protein CutA homolog [Drosophila miranda]
>gi|1036722222|ref|XP_017145415.1| PREDICTED: puff-specific protein Bx42 [Drosophila miranda]
>gi|1036731362|ref|XP_017150681.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731447|ref|XP_017150719.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731483|ref|XP_017150735.1| PREDICTED: probable phosphorylase b kinase regulatory subun
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>gi|1036731344|ref|XP_017150673.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731394|ref|XP_017150696.1| PREDICTED: probable phosphorylase b kinase regulatory subun
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>gi|1036731518|ref|XP_017150751.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731500|ref|XP 017150743.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036743858|ref|XP_017155961.1| PREDICTED: cuticle protein 16.5-like [Drosophila miranda]
>gi|1036743839|ref|XP 017155960.1| PREDICTED: T-complex protein 1 subunit beta [Drosophila mire
>gi|1036757646|ref|XP_017156735.1| PREDICTED: chitooligosaccharidolytic beta-N-acetylglucosami:
>gi|1036753388|ref|XP_017156495.1| PREDICTED: golgin subfamily A member 6-like protein 6 isofo
>gi|1036753426|ref|XP_017156498.1| PREDICTED: golgin subfamily A member 6-like protein 6 isofo
>gi|1036753443|ref|XP_017156499.1| PREDICTED: sporulation-specific protein 15-like isoform X4
>gi|1036753459|ref|XP_017156500.1| PREDICTED: uncharacterized protein LOC108164985 isoform X5
>gi|1036753407|ref|XP_017156496.1| PREDICTED: golgin subfamily A member 6-like protein 6 isoform
>gi|1036753479|ref|XP_017156501.1| PREDICTED: golgin subfamily A member 6-like protein 10 [Dros
>gi|1036704479|ref|XP_017134919.1| PREDICTED: uncharacterized protein LOC108151052 [Drosophila
>gi|1036705342|ref|XP_017135541.1| PREDICTED: uncharacterized protein LOC108151439 isoform X1
>gi|1036705360|ref|XP_017135550.1| PREDICTED: uncharacterized protein LOC108151439 isoform X2
>gi|1036705060|ref|XP_017135345.1| PREDICTED: uncharacterized protein LOC108151308 isoform X2
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>gi|1036705046|ref|XP_017135338.1| PREDICTED: uncharacterized protein LOC108151308 isoform X1
>gi|1036707523|ref|XP_017137022.1| PREDICTED: chondroadherin [Drosophila miranda]
>gi|1036756414|ref|XP_017156669.1| PREDICTED: innexin inx6 [Drosophila miranda]
>gi|1036756432|ref|XP_017156670.1| PREDICTED: innexin inx6 [Drosophila miranda]
>gi|1036756450|ref|XP 017156671.1| PREDICTED: uncharacterized protein LOC108165120 [Drosophila
>gi|1036740839|ref|XP_017155773.1| PREDICTED: N-acetylglucosamine-6-phosphate deacetylase [Dros
>gi|1036740856|ref|XP 017155781.1| PREDICTED: ras-related protein Rab-10 [Drosophila miranda]
>gi|1036741107|ref|XP_017155808.1| PREDICTED: uncharacterized protein LOC108164527 [Drosophila
>gi|1036741123|ref|XP 017155809.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036755363|ref|XP_017156612.1| PREDICTED: peritrophin-1 [Drosophila miranda]
>gi|1036713844|ref|XP_017140937.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713861|ref|XP_017140946.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713876|ref|XP_017140954.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713891|ref|XP_017140964.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713913|ref|XP_017140971.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713964|ref|XP_017140998.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713979|ref|XP_017141008.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713930|ref|XP_017140979.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713947|ref|XP_017140987.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714030|ref|XP 017141030.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714071|ref|XP_017141046.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714088|ref|XP_017141052.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713996|ref|XP_017141014.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714013|ref|XP_017141022.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714044|ref|XP_017141037.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714117|ref|XP_017141076.1| PREDICTED: annexin B10 isoform X1 [Drosophila miranda]
>gi|1036714131|ref|XP_017141086.1| PREDICTED: annexin B10 isoform X2 [Drosophila miranda]
>gi|1036714180|ref|XP_017141120.1| PREDICTED: TIP41-like protein isoform X2 [Drosophila mirand
>gi|1036714162|ref|XP_017141111.1| PREDICTED: TIP41-like protein isoform X1 [Drosophila mirand
>gi|1036714103|ref|XP_017141064.1| PREDICTED: probable Xaa-Pro aminopeptidase 3 [Drosophila mi
>gi|1036714146|ref|XP_017141099.1| PREDICTED: delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mit-
>gi|1036714216|ref|XP_017141140.1| PREDICTED: PHD finger protein 7 [Drosophila miranda]
>gi|1036742216|ref|XP_017155872.1| PREDICTED: ras-related protein Rab-35 [Drosophila miranda]
>gi|1036754076|ref|XP_017156536.1| PREDICTED: neurogenic locus notch homolog protein 3 isoform
>gi|1036754057|ref|XP 017156535.1| PREDICTED: neurogenic locus notch homolog protein 3 isoform
>gi|1036754039|ref|XP_017156534.1| PREDICTED: neurogenic locus notch homolog protein 3 isoform
>gi|1036699367|ref|XP 017140365.1| PREDICTED: putative odorant receptor 19b [Drosophila mirand
>gi|1036699381|ref|XP_017140474.1| PREDICTED: serine/threonine-protein kinase Warts, partial [
>gi|1036704989|ref|XP_017135290.1| PREDICTED: uncharacterized protein LOC108151272 [Drosophila
>gi|1036699395|ref|XP_017140596.1| PREDICTED: uncharacterized protein LOC108154714 [Drosophila
>gi|1036707438|ref|XP_017136960.1| PREDICTED: uncharacterized protein LOC108152259 [Drosophila
>gi|1036699410|ref|XP_017140835.1| PREDICTED: uncharacterized protein LOC108154869 [Drosophila
>gi|1036752500|ref|XP 017156440.1| PREDICTED: dopamine D2-like receptor isoform X1 [Drosophila
>gi|1036752593|ref|XP_017156445.1| PREDICTED: dopamine D2-like receptor isoform X6 [Drosophila
>gi|1036752538|ref|XP_017156442.1| PREDICTED: dopamine D2-like receptor isoform X3 [Drosophila
>gi|1036752558|ref|XP_017156443.1| PREDICTED: dopamine D2-like receptor isoform X4 [Drosophila
>gi|1036752519|ref|XP_017156441.1| PREDICTED: dopamine D2-like receptor isoform X2 [Drosophila
>gi|1036752577|ref|XP_017156444.1| PREDICTED: dopamine D2-like receptor isoform X5 [Drosophila
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>gi|1036749517|ref|XP_017156270.1| PREDICTED: endothelin-converting enzyme 1 isoform X2 [Droso
>gi|1036749500|ref|XP_017156269.1| PREDICTED: endothelin-converting enzyme 1 isoform X1 [Droso
>gi|1036703827|ref|XP_017134536.1| PREDICTED: glycine-rich cell wall structural protein [Droso
>gi|1036723465|ref|XP_017145989.1| PREDICTED: uncharacterized protein LOC108158260 [Drosophila
>gi|1036744574|ref|XP_017155997.1| PREDICTED: uncharacterized protein LOC108164656 [Drosophila
>gi|1036711778|ref|XP_017139678.1| PREDICTED: nuclear pore complex protein Nup205 isoform X1 [
>gi|1036711795|ref|XP_017139686.1| PREDICTED: nuclear pore complex protein Nup205 isoform X2 [
>gi|1036711812|ref|XP_017139694.1| PREDICTED: ras-associated and pleckstrin homology domains-c
>gi|1036749550|ref|XP_017156272.1| PREDICTED: uncharacterized protein LOC108164854 isoform X1
>gi|1036749569|ref|XP_017156273.1| PREDICTED: uncharacterized protein LOC108164854 isoform X2
>gi|1036731861|ref|XP_017150873.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036726653|ref|XP_017147924.1| PREDICTED: uncharacterized protein LOC108159272 [Drosophila
>gi|1036726671|ref|XP_017147935.1| PREDICTED: ATP-binding cassette sub-family D member 3 [Dros
>gi|1036726689|ref|XP_017147944.1| PREDICTED: ATP-binding cassette sub-family D member 3 [Dros
>gi|1036742734|ref|XP_017155902.1| PREDICTED: bifunctional lysine-specific demethylase and his
>gi|1036742752|ref|XP_017155903.1| PREDICTED: 39S ribosomal protein L33, mitochondrial [Drosop
>gi|1036721355|ref|XP_017145072.1| PREDICTED: insulin-like growth factor 2 mRNA-binding protein
>gi|1036721297|ref|XP_017145045.1| PREDICTED: insulin-like growth factor 2 mRNA-binding protein
>gi|1036721333|ref|XP_017145062.1| PREDICTED: insulin-like growth factor 2 mRNA-binding protein
>gi|1036721278|ref|XP_017145036.1| PREDICTED: insulin-like growth factor 2 mRNA-binding protein
>gi|1036721314|ref|XP_017145053.1| PREDICTED: insulin-like growth factor 2 mRNA-binding protein
>gi|1036716143|ref|XP_017142245.1| PREDICTED: protein transport protein sec31 [Drosophila mirates
>gi|1036716158|ref|XP_017142259.1| PREDICTED: 60S ribosomal protein L22 [Drosophila miranda]
>gi|1036716232|ref|XP_017142306.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036716251|ref|XP_017142315.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036716212|ref|XP_017142293.1| PREDICTED: histone-lysine N-methyltransferase SMYD3 [Drosop
>gi|1036716194|ref|XP_017142280.1| PREDICTED: centromere/kinetochore protein zw10 [Drosophila 1
>gi|1036735957|ref|XP_017153045.1| PREDICTED: chromosome-associated kinesin KIF4 [Drosophila m
>gi|1036734580|ref|XP_017152284.1| PREDICTED: beta-1,4-mannosyltransferase egh [Drosophila mire
>gi|1036734598|ref|XP_017152293.1| PREDICTED: beta-1,4-mannosyltransferase egh [Drosophila mire
>gi|1036729655|ref|XP_017149704.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036729674|ref|XP_017149717.1| PREDICTED: dynein light chain 1, cytoplasmic [Drosophila mi
>gi|1036729693|ref|XP_017149725.1| PREDICTED: dynein light chain 1, cytoplasmic [Drosophila mi
>gi|1036729713|ref|XP_017149733.1| PREDICTED: dynein light chain 1, cytoplasmic [Drosophila mi
>gi|1036729187|ref|XP 017149419.1| PREDICTED: uncharacterized protein LOC108160132 [Drosophila
>gi|1036734331|ref|XP_017152134.1| PREDICTED: uncharacterized protein LOC108162040 isoform X10
>gi|1036734278|ref|XP_017152117.1| PREDICTED: uncharacterized protein LOC108162040 isoform X8
>gi|1036734255|ref|XP_017152109.1| PREDICTED: uncharacterized protein LOC108162040 isoform X7
>gi|1036734222|ref|XP_017152092.1| PREDICTED: uncharacterized protein LOC108162040 isoform X5
>gi|1036734168|ref|XP_017152066.1| PREDICTED: uncharacterized protein LOC108162040 isoform X2
>gi|1036734241|ref|XP_017152100.1| PREDICTED: uncharacterized protein LOC108162040 isoform X6
>gi|1036734185|ref|XP_017152075.1| PREDICTED: uncharacterized protein LOC108162040 isoform X3
>gi|1036734296|ref|XP 017152125.1| PREDICTED: uncharacterized protein LOC108162040 isoform X9
>gi|1036734204|ref|XP_017152084.1| PREDICTED: uncharacterized protein LOC108162040 isoform X4
>gi|1036734150|ref|XP_017152057.1| PREDICTED: uncharacterized protein LOC108162040 isoform X1
>gi|1036743208|ref|XP_017155931.1| PREDICTED: uncharacterized protein DDB_G0271670 [Drosophila
>gi|1036743192|ref|XP_017155929.1| PREDICTED: uncharacterized protein LOC108164602 [Drosophila
>gi|1036740539|ref|XP_017155570.1| PREDICTED: anoctamin-10 [Drosophila miranda]
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>gi|1036740556|ref|XP_017155584.1| PREDICTED: uncharacterized protein LOC108164415 [Drosophila
>gi|1036740575|ref|XP_017155594.1| PREDICTED: endochitinase A-like [Drosophila miranda]
>gi|1036740592|ref|XP_017155607.1| PREDICTED: uncharacterized protein LOC108164430 [Drosophila
>gi|1036740608|ref|XP_017155617.1| PREDICTED: uncharacterized protein LOC108164430 [Drosophila
>gi|1036718667|ref|XP 017143662.1| PREDICTED: DENN domain-containing protein 4C isoform X1 [Dref|XP 017143662.1]
>gi|1036718684|ref|XP_017143669.1| PREDICTED: DENN domain-containing protein 4C isoform X2 [Dr
>gi|1036718700|ref|XP 017143684.1| PREDICTED: chromatin assembly factor 1 subunit A-B [Drosoph
>gi|1036706368|ref|XP_017136253.1| PREDICTED: rab-like protein 3 [Drosophila miranda]
>gi|1036746562|ref|XP_017156115.1| PREDICTED: homeotic protein ocelliless [Drosophila miranda]
>gi|1036745865|ref|XP_017156071.1| PREDICTED: uncharacterized protein LOC108164709 isoform X1
>gi|1036745884|ref|XP_017156072.1| PREDICTED: uncharacterized protein LOC108164709 isoform X2
>gi|1036736644|ref|XP_017153461.1| PREDICTED: carbonic anhydrase 2 [Drosophila miranda]
>gi|1036736626|ref|XP_017153450.1| PREDICTED: palmitoyl-protein thioesterase 1 [Drosophila mire
>gi|1036705706|ref|XP_017135771.1| PREDICTED: paired mesoderm homeobox protein 2 [Drosophila m
>gi|1036740507|ref|XP_017155546.1| PREDICTED: chitooligosaccharidolytic beta-N-acetylglucosami
>gi|1036740523|ref|XP_017155558.1| PREDICTED: uncharacterized protein LOC108164404 [Drosophila
>gi|1036731792|ref|XP_017150837.1| PREDICTED: uncharacterized protein CG1785 [Drosophila miran-
>gi|1036731754|ref|XP 017150829.1| PREDICTED: RNA cytidine acetyltransferase isoform X1 [Droso
>gi|1036731773|ref|XP_017150830.1| PREDICTED: RNA cytidine acetyltransferase isoform X2 [Droso
>gi|1036702255|ref|XP 017156245.1| PREDICTED: probable U3 small nucleolar RNA-associated prote
>gi|1036705880|ref|XP_017135899.1| PREDICTED: uncharacterized protein LOC108151668 [Drosophila
>gi|1036747447|ref|XP 017156169.1| PREDICTED: LIM/homeobox protein Lhx1 [Drosophila miranda]
>gi|1036706758|ref|XP_017136542.1| PREDICTED: uncharacterized protein LOC108152047 [Drosophila
>gi|1036706774|ref|XP_017136550.1| PREDICTED: uncharacterized protein LOC108152047 [Drosophila
>gi|1036749202|ref|XP_017156253.1| PREDICTED: zinc finger CCCH domain-containing protein 13 [Di
>gi|1036749220|ref|XP_017156254.1| PREDICTED: zinc finger CCCH domain-containing protein 13 [Di
>gi|1036729431|ref|XP_017149561.1| PREDICTED: moesin/ezrin/radixin homolog 1 [Drosophila mirane
>gi|1036729452|ref|XP_017149569.1| PREDICTED: moesin/ezrin/radixin homolog 1 [Drosophila miran-
>gi|1036729471|ref|XP_017149578.1| PREDICTED: moesin/ezrin/radixin homolog 1 [Drosophila mirane
>gi|1036729491|ref|XP_017149586.1| PREDICTED: moesin/ezrin/radixin homolog 1 [Drosophila miran-
>gi|1036753967|ref|XP_017156530.1| PREDICTED: uroporphyrinogen-III synthase [Drosophila mirand
>gi|1036753984|ref|XP_017156531.1| PREDICTED: uncharacterized protein LOC108165008 [Drosophila
>gi|1036756564|ref|XP_017156677.1| PREDICTED: calumenin-like [Drosophila miranda]
>gi|1036745439|ref|XP_017156047.1| PREDICTED: uncharacterized protein LOC108164688 [Drosophila
>gi|1036745457|ref|XP 017156048.1| PREDICTED: uncharacterized protein LOC108164688 [Drosophila
>gi|1036735406|ref|XP_017152756.1| PREDICTED: protein MAK16 homolog [Drosophila miranda]
>gi|1036735424|ref|XP 017152769.1| PREDICTED: protein enhancer of rudimentary [Drosophila mirated]
>gi|1036712278|ref|XP_017139951.1| PREDICTED: eye-specific diacylglycerol kinase isoform X14 [
>gi|1036712430|ref|XP_017140039.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036712445|ref|XP_017140051.1| PREDICTED: uncharacterized protein LOC108154304 isoform X1
>gi|1036712462|ref|XP_017140059.1| PREDICTED: uncharacterized protein LOC108154304 isoform X2
>gi|1036712115|ref|XP_017139878.1| PREDICTED: eye-specific diacylglycerol kinase isoform X5 [Di
>gi|1036712165|ref|XP_017139904.1| PREDICTED: eye-specific diacylglycerol kinase isoform X8 [Di
>gi|1036712049|ref|XP_017139841.1| PREDICTED: eye-specific diacylglycerol kinase isoform X1 [Di
>gi|1036712132|ref|XP_017139887.1| PREDICTED: eye-specific diacylglycerol kinase isoform X6 [Di
>gi|1036712082|ref|XP_017139856.1| PREDICTED: eye-specific diacylglycerol kinase isoform X3 [Di
>gi|1036712099|ref|XP_017139867.1| PREDICTED: eye-specific diacylglycerol kinase isoform X4 [Di
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>gi|1036712067|ref|XP\_017139847.1| PREDICTED: eye-specific diacylglycerol kinase isoform X2 [Di

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>gi|1036712148|ref|XP_017139897.1| PREDICTED: eye-specific diacylglycerol kinase isoform X7 [Di
>gi|1036712182|ref|XP_017139913.1| PREDICTED: eye-specific diacylglycerol kinase isoform X9 [Di
>gi|1036712247|ref|XP_017139937.1| PREDICTED: eye-specific diacylglycerol kinase isoform X12 [
>gi|1036712199|ref|XP_017139922.1| PREDICTED: eye-specific diacylglycerol kinase isoform X10 [
>gi|1036712216|ref|XP_017139930.1| PREDICTED: eye-specific diacylglycerol kinase isoform X11 [
>gi|1036712396|ref|XP_017140016.1| PREDICTED: nucleosome assembly protein 1-like 1 [Drosophila
>gi|1036712412|ref|XP 017140027.1| PREDICTED: nucleosome assembly protein 1-like 1 [Drosophila
>gi|1036712261|ref|XP_017139944.1| PREDICTED: eye-specific diacylglycerol kinase isoform X13 [
>gi|1036712330|ref|XP 017139978.1| PREDICTED: nostrin isoform X3 [Drosophila miranda]
>gi|1036712364|ref|XP_017139993.1| PREDICTED: nostrin isoform X5 [Drosophila miranda]
>gi|1036712347|ref|XP_017139985.1| PREDICTED: nostrin isoform X4 [Drosophila miranda]
>gi|1036712381|ref|XP_017140002.1| PREDICTED: nostrin isoform X6 [Drosophila miranda]
>gi|1036712295|ref|XP_017139965.1| PREDICTED: uncharacterized protein LOC108154240 isoform X1
>gi|1036712313|ref|XP_017139973.1| PREDICTED: uncharacterized protein LOC108154240 isoform X2
>gi|1036704189|ref|XP_017134744.1| PREDICTED: uncharacterized protein DDB_G0271670-like [Droso
>gi|1036753292|ref|XP_017156490.1| PREDICTED: transcription factor SPT20 homolog isoform X2 [Di
>gi|1036753274|ref|XP_017156489.1| PREDICTED: transcription factor SPT20 homolog isoform X1 [Di
>gi|1036749623|ref|XP_017156275.1| PREDICTED: acylphosphatase-1 [Drosophila miranda]
>gi|1036749640|ref|XP_017156276.1| PREDICTED: acylphosphatase-1 [Drosophila miranda]
>gi|1036749604|ref|XP 017156274.1| PREDICTED: uncharacterized protein LOC108164856 [Drosophila
>gi|1036749657|ref|XP_017156277.1| PREDICTED: uncharacterized protein LOC108164859 [Drosophila
>gi|1036724197|ref|XP 017146421.1| PREDICTED: U3 small nucleolar RNA-associated protein 6 homo
>gi|1036724233|ref|XP_017146446.1| PREDICTED: chromobox protein homolog 3-like [Drosophila mire
>gi|1036724160|ref|XP_017146396.1| PREDICTED: anaphase-promoting complex subunit 4 isoform X1
>gi|1036724179|ref|XP_017146406.1| PREDICTED: anaphase-promoting complex subunit 4 isoform X2
>gi|1036724212|ref|XP_017146435.1| PREDICTED: uncharacterized protein F54F2.9 [Drosophila mirated]
>gi|1036746844|ref|XP_017156133.1| PREDICTED: cell wall protein DAN4 [Drosophila miranda]
>gi|1036749076|ref|XP_017156246.1| PREDICTED: band 7 protein AGAP004871 isoform X1 [Drosophila
>gi|1036749095|ref|XP_017156247.1| PREDICTED: band 7 protein AGAP004871 isoform X2 [Drosophila
>gi|1036749059|ref|XP_017156244.1| PREDICTED: band 7 protein AGAP004871 [Drosophila miranda]
>gi|1036749114|ref|XP_017156248.1| PREDICTED: NADH-cytochrome b5 reductase-like [Drosophila mi
>gi|1036732084|ref|XP_017150975.1| PREDICTED: transmembrane protein 185B [Drosophila miranda]
>gi|1036732121|ref|XP_017150995.1| PREDICTED: barrier-to-autointegration factor-like [Drosophi
>gi|1036732103|ref|XP_017150985.1| PREDICTED: LOW QUALITY PROTEIN: post-GPI attachment to prot
>gi|1036732161|ref|XP 017151012.1| PREDICTED: barrier-to-autointegration factor-like isoform X
>gi|1036732182|ref|XP_017151019.1| PREDICTED: barrier-to-autointegration factor-like isoform X
>gi|1036732142|ref|XP_017151005.1| PREDICTED: barrier-to-autointegration factor-like isoform X
>gi|1036745683|ref|XP_017156062.1| PREDICTED: post-GPI attachment to proteins factor 2-like is
>gi|1036745702|ref|XP_017156064.1| PREDICTED: post-GPI attachment to proteins factor 2-like is
>gi|1036728207|ref|XP_017148840.1| PREDICTED: uncharacterized protein LOC108159778 isoform X2
>gi|1036728190|ref|XP_017148831.1| PREDICTED: uncharacterized protein LOC108159778 isoform X1
>gi|1036756844|ref|XP_017156693.1| PREDICTED: uncharacterized protein LOC108165139 [Drosophila
>gi|1036755160|ref|XP 017156600.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036754693|ref|XP_017156572.1| PREDICTED: dentin sialophosphoprotein [Drosophila miranda]
>gi|1036744419|ref|XP_017155991.1| PREDICTED: uncharacterized protein LOC108164650 [Drosophila
>gi|1036744162|ref|XP_017155976.1| PREDICTED: uncharacterized protein LOC108164641 isoform X1
>gi|1036744181|ref|XP_017155977.1| PREDICTED: uncharacterized protein LOC108164641 isoform X2
>gi|1036744200|ref|XP_017155978.1| PREDICTED: uncharacterized protein LOC108164641 isoform X3
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>gi|1036744219|ref|XP_017155979.1| PREDICTED: uncharacterized protein LOC108164641 isoform X3
>gi|1036744236|ref|XP_017155980.1| PREDICTED: uncharacterized protein LOC108164641 isoform X4
>gi|1036744137|ref|XP_017155975.1| PREDICTED: uncharacterized protein LOC108164640 [Drosophila
>gi|1036751381|ref|XP_017156374.1| PREDICTED: uncharacterized protein LOC108164907 [Drosophila
>gi|1036751398|ref|XP 017156375.1| PREDICTED: uncharacterized protein LOC108164907 [Drosophila
>gi|1036751417|ref|XP_017156376.1| PREDICTED: uncharacterized protein LOC108164907 [Drosophila
>gi|1036732516|ref|XP 017151179.1| PREDICTED: uncharacterized protein LOC108161426 [Drosophila
>gi|1036755749|ref|XP_017156631.1| PREDICTED: monocarboxylate transporter 7 isoform X1 [Drosop
>gi|1036755768|ref|XP_017156632.1| PREDICTED: monocarboxylate transporter 7 isoform X2 [Drosop
>gi|1036746524|ref|XP_017156113.1| PREDICTED: receptor-binding cancer antigen expressed on SiS
>gi|1036746505|ref|XP_017156112.1| PREDICTED: uncharacterized protein LOC108164730 [Drosophila
>gi|1036736451|ref|XP_017153348.1| PREDICTED: protein vav isoform X2 [Drosophila miranda]
>gi|1036736433|ref|XP_017153341.1| PREDICTED: protein vav isoform X1 [Drosophila miranda]
>gi|1036736470|ref|XP_017153360.1| PREDICTED: uncharacterized protein LOC108162898 [Drosophila
>gi|1036731700|ref|XP_017150826.1| PREDICTED: rapamycin-insensitive companion of mTOR [Drosoph
>gi|1036731718|ref|XP_017150827.1| PREDICTED: rapamycin-insensitive companion of mTOR [Drosoph
>gi|1036754832|ref|XP_017156581.1| PREDICTED: heparan sulfate glucosamine 3-0-sulfotransferase
>gi|1036720563|ref|XP_017144695.1| PREDICTED: uncharacterized protein LOC108157237 [Drosophila
>gi|1036720585|ref|XP_017144701.1| PREDICTED: uncharacterized protein LOC108157237 [Drosophila
>gi|1036720621|ref|XP 017144726.1| PREDICTED: protein-lysine N-methyltransferase EEF2KMT [Dros
>gi|1036720545|ref|XP_017144680.1| PREDICTED: pre-mRNA-splicing factor ATP-dependent RNA helical
>gi|1036720639|ref|XP 017144739.1| PREDICTED: uncharacterized protein LOC108157265 isoform X1
>gi|1036720658|ref|XP_017144748.1| PREDICTED: uncharacterized protein LOC108157265 isoform X2
>gi|1036720676|ref|XP_017144757.1| PREDICTED: uncharacterized protein LOC108157265 isoform X2
>gi|1036720605|ref|XP_017144714.1| PREDICTED: tenascin [Drosophila miranda]
>gi|1036730325|ref|XP_017150131.1| PREDICTED: 39S ribosomal protein L38, mitochondrial [Drosop
>gi|1036730268|ref|XP_017150097.1| PREDICTED: type I inositol 3,4-bisphosphate 4-phosphatase [
>gi|1036730287|ref|XP_017150106.1| PREDICTED: type I inositol 3,4-bisphosphate 4-phosphatase [
>gi|1036730306|ref|XP_017150119.1| PREDICTED: F-box/LRR-repeat protein 4 [Drosophila miranda]
>gi|1036713343|ref|XP_017140558.1| PREDICTED: neurogenic protein mastermind isoform X2 [Drosop
>gi|1036713360|ref|XP_017140568.1| PREDICTED: neurogenic protein mastermind isoform X3 [Drosop:
>gi|1036713327|ref|XP_017140549.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036713376|ref|XP_017140576.1| PREDICTED: neurogenic protein mastermind isoform X4 [Drosop
>gi|1036713393|ref|XP_017140588.1| PREDICTED: UMP-CMP kinase 2-like [Drosophila miranda]
>gi|1036713410|ref|XP 017140600.1| PREDICTED: protein Turandot Z [Drosophila miranda]
>gi|1036738073|ref|XP_017154255.1| PREDICTED: ras-related protein Ral-a isoform X2 [Drosophila
>gi|1036738037|ref|XP 017154241.1| PREDICTED: ras-related protein Ral-a isoform X1 [Drosophila
>gi|1036738055|ref|XP_017154249.1| PREDICTED: ras-related protein Ral-a isoform X1 [Drosophila
>gi|1036742862|ref|XP_017155910.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X2
>gi|1036742843|ref|XP_017155909.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dr
>gi|1036743462|ref|XP_017155945.1| PREDICTED: salivary glue protein Sgs-4-like [Drosophila mire
>gi|1036742339|ref|XP_017155880.1| PREDICTED: poly(ADP-ribose) glycohydrolase [Drosophila mirat
>gi|1036742355|ref|XP_017155881.1| PREDICTED: probable insulin-like peptide 7 [Drosophila mirate
>gi|1036706078|ref|XP_017136061.1| PREDICTED: uncharacterized protein LOC108151746 [Drosophila
>gi|1036754294|ref|XP_017156549.1| PREDICTED: allatostatin-A receptor [Drosophila miranda]
>gi|1036744015|ref|XP_017155971.1| PREDICTED: nucleolar complex protein 4 homolog B [Drosophile
>gi|1036743998|ref|XP_017155970.1| PREDICTED: pickpocket protein 28 [Drosophila miranda]
>gi|1036750244|ref|XP_017156310.1| PREDICTED: limbic system-associated membrane protein [Droso
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>gi|1036750279|ref|XP 017156312.1| PREDICTED: uncharacterized protein LOC108164877 isoform X2
>gi|1036750295|ref|XP_017156313.1| PREDICTED: uncharacterized protein LOC108164877 isoform X2
>gi|1036750314|ref|XP_017156314.1| PREDICTED: uncharacterized protein LOC108164877 isoform X3
>gi|1036750263|ref|XP_017156311.1| PREDICTED: uncharacterized protein LOC108164877 isoform X1
>gi|1036739123|ref|XP 017154793.1| PREDICTED: growth arrest-specific protein 8 homolog [Drosop]
>gi|1036739158|ref|XP_017154806.1| PREDICTED: uncharacterized protein LOC108163820 isoform X2
>gi|1036739141|ref|XP 017154799.1| PREDICTED: uncharacterized protein LOC108163820 isoform X1
>gi|1036746952|ref|XP_017156140.1| PREDICTED: neurogenic protein mastermind [Drosophila mirand
>gi|1036746916|ref|XP_017156138.1| PREDICTED: uncharacterized protein LOC108164750 isoform X2
>gi|1036746899|ref|XP_017156136.1| PREDICTED: uncharacterized protein LOC108164750 isoform X1
>gi|1036746933|ref|XP_017156139.1| PREDICTED: voltage-gated potassium channel subunit beta-2-1
>gi|1036756342|ref|XP_017156664.1| PREDICTED: uncharacterized protein LOC108165117 [Drosophila
>gi|1036719606|ref|XP_017144204.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1036719625|ref|XP_017144213.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1036719645|ref|XP_017144222.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1036719586|ref|XP_017144197.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1036719665|ref|XP_017144230.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1036719704|ref|XP 017144256.1| PREDICTED: activating signal cointegrator 1 [Drosophila mire
>gi|1036719749|ref|XP_017144265.1| PREDICTED: migration and invasion enhancer 1 [Drosophila mi
>gi|1036719685|ref|XP 017144244.1| PREDICTED: cactin [Drosophila miranda]
>gi|1036742500|ref|XP_017155889.1| PREDICTED: molybdenum cofactor sulfurase isoform X2 [Drosop
>gi|1036742482|ref|XP 017155888.1| PREDICTED: molybdenum cofactor sulfurase isoform X1 [Drosop
>gi|1036754003|ref|XP_017156532.1| PREDICTED: small G protein signaling modulator 1 isoform X1
>gi|1036754019|ref|XP_017156533.1| PREDICTED: small G protein signaling modulator 1 isoform X2
>gi|1036752077|ref|XP_017156414.1| PREDICTED: LOW QUALITY PROTEIN: small G protein signaling m
>gi|1036752096|ref|XP_017156415.1| PREDICTED: glutathione S-transferase theta-1 [Drosophila mi
>gi|1036720782|ref|XP_017144813.1| PREDICTED: uncharacterized protein LOC108157307 isoform X2
>gi|1036720800|ref|XP_017144822.1| PREDICTED: uncharacterized protein LOC108157307 isoform X3
>gi|1036720766|ref|XP_017144804.1| PREDICTED: uncharacterized protein LOC108157307 isoform X1
>gi|1036720817|ref|XP 017144830.1| PREDICTED: uncharacterized protein LOC108157307 isoform X4
>gi|1036725719|ref|XP_017147323.1| PREDICTED: kelch-like protein 22 [Drosophila miranda]
>gi|1036725702|ref|XP_017147311.1| PREDICTED: mitogen-activated protein kinase kinase kinase 7
>gi|1036725736|ref|XP 017147337.1| PREDICTED: uncharacterized protein LOC108158994 [Drosophila
>gi|1036752249|ref|XP_017156424.1| PREDICTED: uncharacterized protein LOC108164946 [Drosophila
>gi|1036757833|ref|XP 017156744.1| PREDICTED: uncharacterized protein LOC108165185 [Drosophila
>gi|1036757852|ref|XP_017156745.1| PREDICTED: uncharacterized protein LOC108165186 [Drosophila
>gi|1036757774|ref|XP 017156741.1| PREDICTED: uncharacterized protein LOC108165182 [Drosophila
>gi|1036704333|ref|XP_017134824.1| PREDICTED: runt-related transcription factor 3 isoform X2 [
>gi|1036704316|ref|XP_017134815.1| PREDICTED: protein lozenge isoform X1 [Drosophila miranda]
>gi|1036745942|ref|XP_017156076.1| PREDICTED: probable cytochrome P450 6v1 isoform X1 [Drosoph
>gi|1036745960|ref|XP_017156077.1| PREDICTED: probable cytochrome P450 6v1 isoform X2 [Drosoph
>gi|1036750556|ref|XP_017156326.1| PREDICTED: segmentation protein Runt isoform X1 [Drosophila
>gi|1036750575|ref|XP_017156327.1| PREDICTED: segmentation protein Runt isoform X2 [Drosophila
>gi|1036756015|ref|XP_017156645.1| PREDICTED: uncharacterized protein LOC108165101 [Drosophila
>gi|1036756034|ref|XP_017156646.1| PREDICTED: uncharacterized protein LOC108165101 [Drosophila
>gi|1036703603|ref|XP_017157044.1| PREDICTED: uncharacterized protein LOC108165494 [Drosophila
>gi|1036739559|ref|XP_017155056.1| PREDICTED: innexin shaking-B isoform X1 [Drosophila miranda
>gi|1036739595|ref|XP_017155073.1| PREDICTED: innexin shaking-B isoform X3 [Drosophila miranda
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>gi|1036739577|ref|XP_017155065.1| PREDICTED: innexin shaking-B isoform X2 [Drosophila miranda]
>gi|1036739528|ref|XP_017155040.1| PREDICTED: glycerol-3-phosphate acyltransferase 3 [Drosophi
>gi|1036739543|ref|XP_017155048.1| PREDICTED: glycerol-3-phosphate acyltransferase 3 [Drosophi
>gi|1036739508|ref|XP_017155028.1| PREDICTED: uncharacterized protein LOC108163978 [Drosophila
>gi|1036739612|ref|XP_017155084.1| PREDICTED: protein phosphatase 1 regulatory subunit 11 [Dros
>gi|1036699425|ref|XP_017141085.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036755626|ref|XP 017156623.1| PREDICTED: Niemann-Pick C1 protein [Drosophila miranda]
>gi|1036703095|ref|XP_017156755.1| PREDICTED: serine protease SP24D-like [Drosophila miranda]
>gi|1036757682|ref|XP_017156737.1| PREDICTED: uncharacterized protein LOC108165177 [Drosophila
>gi|1036748966|ref|XP_017156239.1| PREDICTED: uncharacterized protein LOC108164827 [Drosophila
>gi|1036748983|ref|XP_017156240.1| PREDICTED: glyoxalase 1 [Drosophila miranda]
>gi|1036730613|ref|XP_017150288.1| PREDICTED: protein Cep78 homolog isoform X3 [Drosophila mire
>gi|1036730594|ref|XP_017150281.1| PREDICTED: protein Cep78 homolog isoform X2 [Drosophila mire
>gi|1036730575|ref|XP_017150272.1| PREDICTED: protein Cep78 homolog isoform X1 [Drosophila mire
>gi|1036730743|ref|XP_017150372.1| PREDICTED: venom allergen 5 [Drosophila miranda]
>gi|1036730651|ref|XP_017150312.1| PREDICTED: uncharacterized protein LOC108160674 [Drosophila
>gi|1036730632|ref|XP_017150300.1| PREDICTED: uncharacterized protein LOC108160665 [Drosophila
>gi|1036699442|ref|XP_017141213.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036730669|ref|XP_017150326.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036730707|ref|XP 017150348.1| PREDICTED: protein NipSnap [Drosophila miranda]
>gi|1036730726|ref|XP_017150359.1| PREDICTED: protein NipSnap [Drosophila miranda]
>gi|1036730688|ref|XP 017150336.1| PREDICTED: zinc finger matrin-type protein 3 [Drosophila mi
>gi|1036752936|ref|XP_017156468.1| PREDICTED: 60S ribosomal protein L30-like [Drosophila miran-
>gi|1036702288|ref|XP_017156267.1| PREDICTED: UPF0488 protein CG14286 [Drosophila miranda]
>gi|1036721260|ref|XP_017145024.1| PREDICTED: protein Tob1 isoform X2 [Drosophila miranda]
>gi|1036721133|ref|XP_017144968.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721153|ref|XP_017144976.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721171|ref|XP_017144983.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721187|ref|XP_017144990.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721203|ref|XP_017144998.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721222|ref|XP_017145007.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721241|ref|XP_017145016.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721078|ref|XP 017144940.1| PREDICTED: uncharacterized protein LOC108157404 [Drosophila
>gi|1036721095|ref|XP_017144952.1| PREDICTED: uncharacterized protein LOC108157410 [Drosophila
>gi|1036721114|ref|XP 017144959.1| PREDICTED: uncharacterized protein LOC108157410 [Drosophila
>gi|1036721063|ref|XP_017144928.1| PREDICTED: putative uncharacterized protein DDB_G0291608 [Di
>gi|1036757373|ref|XP_017156722.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036704496|ref|XP_017134931.1| PREDICTED: fork head domain transcription factor slp1, part
>gi|1036747428|ref|XP_017156168.1| PREDICTED: uncharacterized protein LOC108164767 [Drosophila
>gi|1036749002|ref|XP_017156241.1| PREDICTED: protein disconnected [Drosophila miranda]
>gi|1036705986|ref|XP_017135981.1| PREDICTED: uncharacterized protein LOC108151716 isoform X1
>gi|1036706007|ref|XP_017135989.1| PREDICTED: uncharacterized protein LOC108151716 isoform X2
>gi|1036699457|ref|XP 017141336.1| PREDICTED: uncharacterized protein LOC108155149 [Drosophila
>gi|1036732797|ref|XP_017151323.1| PREDICTED: katanin p80 WD40 repeat-containing subunit B1 is
>gi|1036732778|ref|XP_017151317.1| PREDICTED: katanin p80 WD40 repeat-containing subunit B1 is
>gi|1036732815|ref|XP_017151335.1| PREDICTED: peroxisomal multifunctional enzyme type 2 [Droso
>gi|1036732834|ref|XP_017151343.1| PREDICTED: peroxisomal multifunctional enzyme type 2 [Droso
>gi|1036746489|ref|XP_017156111.1| PREDICTED: calpain-C [Drosophila miranda]
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>gi|1036744677|ref|XP_017156003.1| PREDICTED: uncharacterized protein LOC108164661 [Drosophila
>gi|1036744695|ref|XP_017156004.1| PREDICTED: HIG1 domain family member 2A, mitochondrial [Droplet of the control of the contr
>gi|1036741037|ref|XP_017155803.1| PREDICTED: high mobility group protein DSP1 isoform X1 [Dros
>gi|1036741055|ref|XP_017155804.1| PREDICTED: high mobility group protein DSP1 isoform X2 [Dros
>gi|1036741072|ref|XP 017155805.1| PREDICTED: high mobility group protein DSP1 isoform X3 [Dro
>gi|1036741089|ref|XP_017155807.1| PREDICTED: high mobility group protein DSP1 isoform X4 [Dros
>gi|1036717210|ref|XP 017142880.1| PREDICTED: acyl-CoA Delta(11) desaturase-like [Drosophila m
>gi|1036717122|ref|XP_017142829.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036717194|ref|XP_017142868.1| PREDICTED: splicing factor U2AF 50 kDa subunit [Drosophila i
>gi|1036717138|ref|XP_017142840.1| PREDICTED: uncharacterized protein LOC108156065 [Drosophila
>gi|1036717154|ref|XP_017142848.1| PREDICTED: uncharacterized protein LOC108156065 [Drosophila
>gi|1036717171|ref|XP 017142856.1| PREDICTED: uncharacterized protein LOC108156065 [Drosophila
>gi|1036729166|ref|XP_017149407.1| PREDICTED: uncharacterized protein LOC108160122 [Drosophila
>gi|1036729148|ref|XP_017149396.1| PREDICTED: protein no-on-transient A [Drosophila miranda]
>gi|1036723090|ref|XP_017145799.1| PREDICTED: furin-like protease 2 isoform X1 [Drosophila mire
>gi|1036723112|ref|XP_017145808.1| PREDICTED: furin-like protease 2 isoform X1 [Drosophila mire
>gi|1036723130|ref|XP_017145820.1| PREDICTED: furin-like protease 2 isoform X2 [Drosophila mire
>gi|1036723148|ref|XP_017145831.1| PREDICTED: furin-like protease 2 isoform X3 [Drosophila mire
>gi|1036723167|ref|XP_017145840.1| PREDICTED: furin-like protease 2 isoform X4 [Drosophila mire
>gi|1036723203|ref|XP 017145861.1| PREDICTED: uncharacterized protein LOC108158142 isoform X2
>gi|1036723186|ref|XP_017145853.1| PREDICTED: uncharacterized protein LOC108158142 isoform X1
>gi|1036723214|ref|XP 017145869.1| PREDICTED: uncharacterized protein LOC108158142 isoform X3
>gi|1036736680|ref|XP_017153482.1| PREDICTED: trimeric intracellular cation channel type B-B [
>gi|1036736698|ref|XP_017153491.1| PREDICTED: trimeric intracellular cation channel type B-B [
>gi|1036736714|ref|XP_017153499.1| PREDICTED: trimeric intracellular cation channel type B-B [
>gi|1036736733|ref|XP_017153508.1| PREDICTED: trimeric intracellular cation channel type B-B [
>gi|1036736663|ref|XP_017153471.1| PREDICTED: negative elongation factor D [Drosophila miranda
>gi|1036756892|ref|XP_017156698.1| PREDICTED: probable phospholipid-transporting ATPase IF [Dr
>gi|1036751992|ref|XP_017156409.1| PREDICTED: probable phospholipid-transporting ATPase IF [Droposition of the content of the 
>gi|1036747113|ref|XP_017156149.1| PREDICTED: TNF receptor-associated factor 3 isoform X1 [Drop
>gi|1036747131|ref|XP_017156151.1| PREDICTED: TNF receptor-associated factor 3 isoform X2 [Dros
>gi|1036747097|ref|XP_017156148.1| PREDICTED: annexin B11 isoform X2 [Drosophila miranda]
>gi|1036747062|ref|XP_017156146.1| PREDICTED: annexin B11 isoform X1 [Drosophila miranda]
>gi|1036747078|ref|XP_017156147.1| PREDICTED: annexin B11 isoform X1 [Drosophila miranda]
>gi|1036733599|ref|XP 017151723.1| PREDICTED: gamma-glutamyltranspeptidase 1 [Drosophila miran
>gi|1036733650|ref|XP_017151741.1| PREDICTED: gamma-glutamyltranspeptidase 1 [Drosophila miran-
>gi|1036733690|ref|XP_017151759.1| PREDICTED: uncharacterized protein LOC108161868 isoform X2
>gi|1036733669|ref|XP_017151752.1| PREDICTED: uncharacterized protein LOC108161868 isoform X1
>gi|1036733709|ref|XP_017151771.1| PREDICTED: uncharacterized protein LOC108161884 [Drosophila
>gi|1036733561|ref|XP_017151703.1| PREDICTED: sushi, von Willebrand factor type A, EGF and pen
>gi|1036733581|ref|XP_017151710.1| PREDICTED: sushi, von Willebrand factor type A, EGF and pen
>gi|1036756308|ref|XP_017156662.1| PREDICTED: fibrous sheath CABYR-binding protein [Drosophila
>gi|1036746809|ref|XP_017156131.1| PREDICTED: serine protease gd [Drosophila miranda]
>gi|1036746826|ref|XP_017156132.1| PREDICTED: protein twisted gastrulation [Drosophila miranda]
>gi|1036755307|ref|XP_017156608.1| PREDICTED: uncharacterized protein LOC108165071 [Drosophila
>gi|1036755325|ref|XP_017156610.1| PREDICTED: uncharacterized protein LOC108165071 [Drosophila
>gi|1036717982|ref|XP_017143303.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718002|ref|XP_017143313.1| PREDICTED: voltage-dependent calcium channel type A subunit
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>gi|1036718021|ref|XP_017143323.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718059|ref|XP_017143341.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718040|ref|XP_017143331.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718076|ref|XP_017143349.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718113|ref|XP_017143364.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718095|ref|XP_017143356.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718128|ref|XP_017143372.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718147|ref|XP_017143378.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718166|ref|XP_017143387.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718188|ref|XP_017143393.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718207|ref|XP_017143400.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036754527|ref|XP_017156563.1| PREDICTED: PDZ domain-containing protein 8 [Drosophila mirated]
>gi|1036756053|ref|XP_017156647.1| PREDICTED: leucine-rich repeat-containing protein 20 isoform
>gi|1036756072|ref|XP_017156648.1| PREDICTED: leucine-rich repeat-containing protein 20 isoform
>gi|1036703879|ref|XP_017134567.1| PREDICTED: leucine-rich repeat-containing protein 69-like is
>gi|1036703930|ref|XP_017134588.1| PREDICTED: protein lap1-like isoform X4 [Drosophila miranda
>gi|1036703913|ref|XP_017134582.1| PREDICTED: leucine-rich repeat-containing protein 69-like is
>gi|1036703896|ref|XP_017134574.1| PREDICTED: leucine-rich repeat-containing protein 69-like is
>gi|1036748107|ref|XP_017156204.1| PREDICTED: uncharacterized protein LOC108164792 [Drosophila
>gi|1036748088|ref|XP 017156203.1| PREDICTED: uncharacterized protein LOC108164791 [Drosophila
>gi|1036754275|ref|XP_017156548.1| PREDICTED: probable cytochrome P450 28a5 [Drosophila mirand
>gi|1036732315|ref|XP 017151082.1| PREDICTED: protein xmas-2 [Drosophila miranda]
>gi|1036732332|ref|XP_017151094.1| PREDICTED: uncharacterized protein LOC108161359 [Drosophila
>gi|1036699471|ref|XP_017141454.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036729976|ref|XP_017149886.1| PREDICTED: uncharacterized protein LOC108160402 [Drosophila
>gi|1036699488|ref|XP_017141582.1| PREDICTED: uncharacterized protein LOC108155322 [Drosophila
>gi|1036740746|ref|XP_017155712.1| PREDICTED: histone H1.3-like [Drosophila miranda]
>gi|1036740775|ref|XP_017155735.1| PREDICTED: histone H2B-like [Drosophila miranda]
>gi|1036740760|ref|XP_017155723.1| PREDICTED: coiled-coil-helix-coiled-coil-helix domain-conta
>gi|1036743427|ref|XP_017155943.1| PREDICTED: hexokinase type 2 [Drosophila miranda]
>gi|1036699502|ref|XP_017141705.1| PREDICTED: LOW QUALITY PROTEIN: protein vreteno-like [Droso
>gi|1036727361|ref|XP 017148355.1| PREDICTED: serine-rich adhesin for platelets isoform X3 [Dro
>gi|1036727295|ref|XP_017148325.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dr
>gi|1036727325|ref|XP 017148337.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dr.
>gi|1036723885|ref|XP_017146206.1| PREDICTED: probable cytochrome P450 318a1 [Drosophila miran-
>gi|1036723848|ref|XP_017146187.1| PREDICTED: protein strawberry notch isoform X1 [Drosophila 1
>gi|1036723867|ref|XP_017146196.1| PREDICTED: protein strawberry notch isoform X2 [Drosophila i
>gi|1036723919|ref|XP_017146228.1| PREDICTED: GTP-binding nuclear protein Ran-like [Drosophila
>gi|1036723902|ref|XP_017146217.1| PREDICTED: 2-methoxy-6-polyprenyl-1,4-benzoquinol methylase
>gi|1036699514|ref|XP_017141828.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036723936|ref|XP_017146241.1| PREDICTED: GTP-binding nuclear protein Ran-like [Drosophila
>gi|1036727144|ref|XP_017148209.1| PREDICTED: relaxin receptor 2 [Drosophila miranda]
>gi|1036727215|ref|XP_017148264.1| PREDICTED: uncharacterized protein LOC108159462 [Drosophila
>gi|1036727198|ref|XP_017148250.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 5 [
>gi|1036727181|ref|XP_017148235.1| PREDICTED: brahma-associated protein of 60 kDa [Drosophila 1
>gi|1036727162|ref|XP_017148223.1| PREDICTED: cleft lip and palate transmembrane protein 1-lik
>gi|1036756184|ref|XP_017156655.1| PREDICTED: uncharacterized protein LOC108165108 [Drosophila
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>gi|1036745049|ref|XP_017156024.1| PREDICTED: voltage-dependent T-type calcium channel subunit
>gi|1036745032|ref|XP_017156022.1| PREDICTED: voltage-dependent T-type calcium channel subunit
>gi|1036754602|ref|XP_017156567.1| PREDICTED: vanin-like protein 3 [Drosophila miranda]
>gi|1036754584|ref|XP_017156566.1| PREDICTED: vanin-like protein 1 [Drosophila miranda]
>gi|1036757265|ref|XP 017156715.1| PREDICTED: mitochondrial import receptor subunit TOM70-like
>gi|1036756797|ref|XP_017156691.1| PREDICTED: vanin-like protein 2 [Drosophila miranda]
>gi|1036740626|ref|XP 017155631.1| PREDICTED: UDP-xylose and UDP-N-acetylglucosamine transport
>gi|1036740645|ref|XP_017155638.1| PREDICTED: UDP-xylose and UDP-N-acetylglucosamine transport
>gi|1036740661|ref|XP_017155648.1| PREDICTED: UDP-xylose and UDP-N-acetylglucosamine transport
>gi|1036740677|ref|XP_017155656.1| PREDICTED: UDP-xylose and UDP-N-acetylglucosamine transport
>gi|1036740693|ref|XP_017155669.1| PREDICTED: myosin regulatory light chain sqh [Drosophila mi
>gi|1036727653|ref|XP_017148524.1| PREDICTED: transmembrane protein 132B [Drosophila miranda]
>gi|1036703295|ref|XP_017156876.1| PREDICTED: uncharacterized protein LOC108165351 isoform X1
>gi|1036703334|ref|XP_017156891.1| PREDICTED: uncharacterized protein LOC108165351 isoform X3
>gi|1036703369|ref|XP_017156906.1| PREDICTED: uncharacterized protein LOC108165351 isoform X5
>gi|1036703315|ref|XP_017156883.1| PREDICTED: uncharacterized protein LOC108165351 isoform X2
>gi|1036703354|ref|XP_017156899.1| PREDICTED: uncharacterized protein LOC108165351 isoform X4
>gi|1036729305|ref|XP_017149482.1| PREDICTED: dmX-like protein 2 [Drosophila miranda]
>gi|1036751755|ref|XP_017156394.1| PREDICTED: splicing factor 3B subunit 4 isoform X2 [Drosoph
>gi|1036751736|ref|XP 017156393.1| PREDICTED: splicing factor 3B subunit 4 isoform X1 [Drosoph
>gi|1036746971|ref|XP_017156141.1| PREDICTED: ceramide synthase 6 [Drosophila miranda]
>gi|1036746990|ref|XP 017156142.1| PREDICTED: josephin-like protein [Drosophila miranda]
>gi|1036724726|ref|XP_017146751.1| PREDICTED: transcription elongation factor SPT6 [Drosophila
>gi|1036747479|ref|XP_017156171.1| PREDICTED: uncharacterized protein LOC108164770 [Drosophila
>gi|1036747496|ref|XP_017156172.1| PREDICTED: uncharacterized protein LOC108164770 [Drosophila
>gi|1036747534|ref|XP_017156174.1| PREDICTED: cytochrome b5 isoform X2 [Drosophila miranda]
>gi|1036747515|ref|XP_017156173.1| PREDICTED: cytochrome b5 isoform X1 [Drosophila miranda]
>gi|1036747555|ref|XP_017156175.1| PREDICTED: probable cytochrome b5 isoform X3 [Drosophila mi
>gi|1036710068|ref|XP_017138615.1| PREDICTED: uncharacterized protein LOC108153261 [Drosophila
>gi|1036710166|ref|XP_017138682.1| PREDICTED: uncharacterized protein LOC108153299 [Drosophila
>gi|1036710183|ref|XP_017138692.1| PREDICTED: uncharacterized protein LOC108153299 [Drosophila
>gi|1036710113|ref|XP_017138650.1| PREDICTED: U4/U6.U5 tri-snRNP-associated protein 2 isoform
>gi|1036710130|ref|XP_017138660.1| PREDICTED: U4/U6.U5 tri-snRNP-associated protein 2 isoform
>gi|1036710098|ref|XP_017138642.1| PREDICTED: U4/U6.U5 tri-snRNP-associated protein 2 isoform
>gi|1036710215|ref|XP 017138717.1| PREDICTED: L-xylulose reductase [Drosophila miranda]
>gi|1036710083|ref|XP_017138628.1| PREDICTED: mucin-12 [Drosophila miranda]
>gi|1036710147|ref|XP 017138672.1| PREDICTED: probable sulfite oxidase, mitochondrial [Drosoph
>gi|1036710200|ref|XP_017138706.1| PREDICTED: proteasome subunit alpha type-7-1 [Drosophila mi
>gi|1036749844|ref|XP_017156288.1| PREDICTED: XK-related protein 6 isoform X2 [Drosophila mirated protein 6 isoform X2 
>gi|1036749826|ref|XP_017156287.1| PREDICTED: XK-related protein 6 isoform X1 [Drosophila mirated protein 6 isoform X1 
>gi|1036749375|ref|XP_017156263.1| PREDICTED: 27 kDa hemolymph protein [Drosophila miranda]
>gi|1036726872|ref|XP_017148064.1| PREDICTED: uncharacterized protein LOC108159354 [Drosophila
>gi|1036726909|ref|XP_017148080.1| PREDICTED: lambda-crystallin homolog [Drosophila miranda]
>gi|1036726852|ref|XP_017148050.1| PREDICTED: protein IWS1 homolog [Drosophila miranda]
>gi|1036749770|ref|XP_017156284.1| PREDICTED: WASH complex subunit 7 homolog isoform X1 [Droso
>gi|1036749789|ref|XP_017156285.1| PREDICTED: WASH complex subunit 7 homolog isoform X2 [Droso
>gi|1036745580|ref|XP_017156056.1| PREDICTED: peptidyl-prolyl cis-trans isomerase [Drosophila n
>gi|1036738801|ref|XP_017154611.1| PREDICTED: myotubularin-related protein 4 isoform X1 [Droso
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>gi|1036738817|ref|XP_017154619.1| PREDICTED: myotubularin-related protein 4 isoform X2 [Droso
>gi|1036738832|ref|XP_017154628.1| PREDICTED: myotubularin-related protein 4 isoform X2 [Droso
>gi|1036738849|ref|XP_017154637.1| PREDICTED: myotubularin-related protein 4 isoform X2 [Droso
>gi|1036738865|ref|XP_017154644.1| PREDICTED: myotubularin-related protein 4 isoform X3 [Droso
>gi|1036747408|ref|XP 017156166.1| PREDICTED: endoplasmic reticulum resident protein 44 [Droso
>gi|1036744291|ref|XP_017155983.1| PREDICTED: RNA-binding protein cabeza isoform X1 [Drosophile
>gi|1036744308|ref|XP_017155984.1| PREDICTED: RNA-binding protein cabeza isoform X2 [Drosophile
>gi|1036749023|ref|XP_017156242.1| PREDICTED: vesicle transport protein GOT1B [Drosophila mirated
>gi|1036749041|ref|XP_017156243.1| PREDICTED: cytochrome b-c1 complex subunit 7 [Drosophila mi
>gi|1036747007|ref|XP_017156143.1| PREDICTED: ethanolamine kinase [Drosophila miranda]
>gi|1036747025|ref|XP_017156144.1| PREDICTED: ethanolamine kinase [Drosophila miranda]
>gi|1036747044|ref|XP_017156145.1| PREDICTED: ethanolamine kinase [Drosophila miranda]
>gi|1036699531|ref|XP_017141956.1| PREDICTED: uncharacterized protein LOC108155546 [Drosophila
>gi|1036729267|ref|XP_017149466.1| PREDICTED: vascular endothelial growth factor C [Drosophila
>gi|1036729240|ref|XP_017149454.1| PREDICTED: zinc finger protein 596 [Drosophila miranda]
>gi|1036729203|ref|XP_017149433.1| PREDICTED: protein FAM188A homolog isoform X1 [Drosophila m
>gi|1036729222|ref|XP_017149441.1| PREDICTED: protein FAM188A homolog isoform X2 [Drosophila m
>gi|1036740872|ref|XP_017155796.1| PREDICTED: zinc finger CCCH domain-containing protein 13 [Di
>gi|1036740890|ref|XP_017155797.1| PREDICTED: zinc finger CCCH domain-containing protein 13 [Di
>gi|1036756671|ref|XP 017156684.1| PREDICTED: succinate dehydrogenase [ubiquinone] iron-sulfur
>gi|1036753001|ref|XP_017156472.1| PREDICTED: dual specificity protein phosphatase 3 isoform X
>gi|1036753018|ref|XP_017156473.1| PREDICTED: dual specificity protein phosphatase 3 isoform X
>gi|1036753037|ref|XP_017156474.1| PREDICTED: dual specificity protein phosphatase 3 isoform X
>gi|1036753054|ref|XP_017156475.1| PREDICTED: dual specificity protein phosphatase 3 isoform X-
>gi|1036720526|ref|XP_017144670.1| PREDICTED: putative uncharacterized protein DDB_G0277255 [Di
>gi|1036706051|ref|XP_017136033.1| PREDICTED: uncharacterized protein LOC108151737 [Drosophila
>gi|1036755195|ref|XP_017156602.1| PREDICTED: uncharacterized protein LOC108165065 [Drosophila
>gi|1036705477|ref|XP_017135628.1| PREDICTED: uncharacterized protein LOC108151496 [Drosophila
>gi|1036705493|ref|XP_017135637.1| PREDICTED: uncharacterized protein LOC108151496 [Drosophila
>gi|1036699547|ref|XP_017142209.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036754112|ref|XP_017156538.1| PREDICTED: uncharacterized protein LOC108165013 [Drosophila
>gi|1036754131|ref|XP_017156539.1| PREDICTED: uncharacterized protein LOC108165013 [Drosophila
>gi|1036754150|ref|XP_017156541.1| PREDICTED: uncharacterized protein LOC108165014 [Drosophila
>gi|1036703695|ref|XP_017157096.1| PREDICTED: myotrophin [Drosophila miranda]
>gi|1036703654|ref|XP 017157074.1| PREDICTED: uncharacterized protein LOC108165523 isoform X1
>gi|1036703678|ref|XP_017157084.1| PREDICTED: uncharacterized protein LOC108165523 isoform X2
>gi|1036706280|ref|XP_017136196.1| PREDICTED: cAMP-regulated phosphoprotein 19-A-like [Drosoph
>gi|1036704972|ref|XP_017135276.1| PREDICTED: nuclear pore complex protein Nup50-like [Drosoph
>gi|1036703843|ref|XP_017134547.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036703862|ref|XP_017134555.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036732909|ref|XP_017151377.1| PREDICTED: uncharacterized protein LOC108161591 isoform X2
>gi|1036732928|ref|XP_017151386.1| PREDICTED: uncharacterized protein LOC108161591 isoform X2
>gi|1036732951|ref|XP 017151396.1| PREDICTED: uncharacterized protein LOC108161591 isoform X2
>gi|1036733006|ref|XP_017151403.1| PREDICTED: uncharacterized protein LOC108161591 isoform X2
>gi|1036732890|ref|XP_017151370.1| PREDICTED: uncharacterized protein LOC108161591 isoform X1
>gi|1036733044|ref|XP_017151421.1| PREDICTED: vacuolar ATPase assembly integral membrane prote
>gi|1036733025|ref|XP_017151411.1| PREDICTED: innexin inx5 [Drosophila miranda]
>gi|1036704047|ref|XP_017134656.1| PREDICTED: uncharacterized protein LOC108150861 [Drosophila
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>gi|1036704109|ref|XP_017134691.1| PREDICTED: uncharacterized protein LOC108150889 [Drosophila
>gi|1036735457|ref|XP_017152788.1| PREDICTED: uncharacterized protein LOC108162511 isoform X2
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>gi|1036725417|ref|XP_017147153.1| PREDICTED: uncharacterized protein LOC108158886 isoform X1
>gi|1036725435|ref|XP 017147164.1| PREDICTED: uncharacterized protein LOC108158886 isoform X1
>gi|1036725472|ref|XP_017147180.1| PREDICTED: uncharacterized protein LOC108158886 isoform X3
>gi|1036725491|ref|XP 017147189.1| PREDICTED: uncharacterized protein LOC108158886 isoform X4
>gi|1036725510|ref|XP_017147197.1| PREDICTED: uncharacterized protein LOC108158886 isoform X5
>gi|1036725452|ref|XP 017147172.1| PREDICTED: uncharacterized protein LOC108158886 isoform X2
>gi|1036725528|ref|XP_017147210.1| PREDICTED: lectin subunit alpha [Drosophila miranda]
>gi|1036739293|ref|XP_017154907.1| PREDICTED: serine protease snake [Drosophila miranda]
>gi|1036739309|ref|XP_017154916.1| PREDICTED: serine protease snake [Drosophila miranda]
>gi|1036739323|ref|XP_017154924.1| PREDICTED: serine protease snake [Drosophila miranda]
>gi|1036739278|ref|XP_017154896.1| PREDICTED: DNA replication licensing factor Mcm3 [Drosophile
>gi|1036743982|ref|XP_017155969.1| PREDICTED: protein DENND6B [Drosophila miranda]
>gi|1036741869|ref|XP_017155853.1| PREDICTED: DNA repair protein XRCC1 [Drosophila miranda]
>gi|1036741887|ref|XP_017155854.1| PREDICTED: calcineurin subunit B type 1 [Drosophila miranda]
>gi|1036741905|ref|XP_017155855.1| PREDICTED: calcineurin subunit B type 1 [Drosophila miranda]
>gi|1036741924|ref|XP_017155856.1| PREDICTED: calcineurin subunit B type 1 [Drosophila miranda]
>gi|1036742951|ref|XP 017155915.1| PREDICTED: small conductance calcium-activated potassium ch
>gi|1036742969|ref|XP_017155917.1| PREDICTED: small conductance calcium-activated potassium ch
>gi|1036742988|ref|XP 017155918.1| PREDICTED: small conductance calcium-activated potassium cha
>gi|1036743007|ref|XP_017155919.1| PREDICTED: small conductance calcium-activated potassium ch
>gi|1036743026|ref|XP_017155920.1| PREDICTED: small conductance calcium-activated potassium ch
>gi|1036743045|ref|XP_017155921.1| PREDICTED: small conductance calcium-activated potassium ch
>gi|1036743064|ref|XP_017155922.1| PREDICTED: small conductance calcium-activated potassium cha
>gi|1036743079|ref|XP_017155923.1| PREDICTED: small conductance calcium-activated potassium cha
>gi|1036743098|ref|XP_017155924.1| PREDICTED: small conductance calcium-activated potassium cha
>gi|1036743117|ref|XP_017155925.1| PREDICTED: small conductance calcium-activated potassium cha
>gi|1036754489|ref|XP_017156560.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036723016|ref|XP_017145754.1| PREDICTED: A-kinase anchor protein 1, mitochondrial [Drosop
>gi|1036723059|ref|XP_017145780.1| PREDICTED: 60S ribosomal protein L36 [Drosophila miranda]
>gi|1036723075|ref|XP_017145788.1| PREDICTED: 60S ribosomal protein L36 [Drosophila miranda]
>gi|1036723040|ref|XP_017145767.1| PREDICTED: histone H4 transcription factor [Drosophila mirated]
>gi|1036733112|ref|XP 017151453.1| PREDICTED: uncharacterized protein LOC108161665 [Drosophila
>gi|1036733131|ref|XP_017151467.1| PREDICTED: uncharacterized protein LOC108161671 [Drosophila
>gi|1036733095|ref|XP 017151447.1| PREDICTED: frizzled-4 [Drosophila miranda]
>gi|1036741962|ref|XP_017155858.1| PREDICTED: uncharacterized protein LOC108164555 isoform X1
>gi|1036741998|ref|XP_017155860.1| PREDICTED: uncharacterized protein LOC108164555 isoform X3
>gi|1036741981|ref|XP_017155859.1| PREDICTED: uncharacterized protein LOC108164555 isoform X2
>gi|1036757097|ref|XP_017156705.1| PREDICTED: uncharacterized protein LOC108165149 [Drosophila
>gi|1036703496|ref|XP_017156979.1| PREDICTED: thioredoxin domain-containing protein 9-like [Dref|XP_017156979.1]
>gi|1036731843|ref|XP 017150862.1| PREDICTED: zinc finger CCCH domain-containing protein 18 is
>gi|1036731825|ref|XP_017150856.1| PREDICTED: zinc finger CCCH domain-containing protein 18 is
>gi|1036731807|ref|XP_017150848.1| PREDICTED: zinc finger CCCH domain-containing protein 18 is
>gi|1036753574|ref|XP_017156506.1| PREDICTED: protein ABHD11 [Drosophila miranda]
>gi|1036747291|ref|XP_017156161.1| PREDICTED: protein unc-119 homolog [Drosophila miranda]
>gi|1036743512|ref|XP_017155946.1| PREDICTED: RNA polymerase II degradation factor 1 [Drosophi
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>gi|1036744830|ref|XP_017156010.1| PREDICTED: autophagy protein 5 [Drosophila miranda]
>gi|1036736920|ref|XP_017153624.1| PREDICTED: rho GTPase-activating protein gacZ [Drosophila m
>gi|1036752137|ref|XP_017156417.1| PREDICTED: acyl-CoA synthetase family member 3, mitochondria
>gi|1036752155|ref|XP_017156418.1| PREDICTED: venom allergen 5 [Drosophila miranda]
>gi|1036742807|ref|XP 017155906.1| PREDICTED: sarcoplasmic calcium-binding protein [Drosophila
>gi|1036742826|ref|XP_017155908.1| PREDICTED: uncharacterized protein LOC108164593 [Drosophila
>gi|1036705562|ref|XP 017135680.1| PREDICTED: uncharacterized protein LOC108151534 isoform X1
>gi|1036705592|ref|XP_017135689.1| PREDICTED: uncharacterized protein LOC108151534 isoform X2
>gi|1036705241|ref|XP_017135477.1| PREDICTED: uncharacterized protein LOC108151397 [Drosophila
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>gi|1036703637|ref|XP_017157061.1| PREDICTED: uncharacterized protein LOC108165505 [Drosophila
>gi|1036753884|ref|XP_017156525.1| PREDICTED: condensin complex subunit 2-like isoform X1 [Drop
>gi|1036753900|ref|XP_017156526.1| PREDICTED: condensin complex subunit 2-like isoform X2 [Dros
>gi|1036753916|ref|XP_017156527.1| PREDICTED: uncharacterized protein LOC108165003 isoform X3
>gi|1036705646|ref|XP_017135726.1| PREDICTED: uncharacterized protein LOC108151562 [Drosophila
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>gi|1036705509|ref|XP_017135649.1| PREDICTED: uncharacterized protein LOC108151511 isoform X1
>gi|1036757737|ref|XP 017156739.1| PREDICTED: uncharacterized protein LOC108165180 [Drosophila
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>gi|1036706547|ref|XP 017136368.1| PREDICTED: uncharacterized protein LOC108151944 [Drosophila
>gi|1036707574|ref|XP_017137057.1| PREDICTED: uncharacterized protein LOC108152322 [Drosophila
>gi|1036705003|ref|XP_017135302.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dr
>gi|1036699562|ref|XP_017142462.1| PREDICTED: F-box/WD repeat-containing protein A [Drosophila
>gi|1036707369|ref|XP_017136915.1| PREDICTED: uncharacterized protein LOC108152233 [Drosophila
>gi|1036707163|ref|XP_017136794.1| PREDICTED: small nuclear ribonucleoprotein-associated prote
>gi|1036707420|ref|XP_017136949.1| PREDICTED: uncharacterized protein LOC108152250 [Drosophila
>gi|1036699577|ref|XP_017142588.1| PREDICTED: uncharacterized protein LOC108155912 [Drosophila
>gi|1036753311|ref|XP_017156491.1| PREDICTED: transcription factor GTE3, chloroplastic-like [Di
>gi|1036753369|ref|XP_017156494.1| PREDICTED: uncharacterized protein LOC108164984 [Drosophila
>gi|1036753351|ref|XP_017156493.1| PREDICTED: uncharacterized protein LOC108164983 [Drosophila
>gi|1036753332|ref|XP_017156492.1| PREDICTED: uncharacterized protein LOC108164981 [Drosophila
>gi|1036699591|ref|XP_017142714.1| PREDICTED: uncharacterized protein LOC108155989 [Drosophila
>gi|1036756128|ref|XP 017156651.1| PREDICTED: uncharacterized protein LOC108165105 [Drosophila
>gi|1036705800|ref|XP_017135843.1| PREDICTED: uncharacterized protein LOC108151644 [Drosophila
>gi|1036705815|ref|XP_017135854.1| PREDICTED: uncharacterized protein LOC108151644 [Drosophila
>gi|1036735122|ref|XP_017152591.1| PREDICTED: homeobox protein cut isoform X1 [Drosophila mirated
>gi|1036735140|ref|XP_017152600.1| PREDICTED: homeobox protein cut isoform X2 [Drosophila mirate
>gi|1036735155|ref|XP_017152612.1| PREDICTED: LOW QUALITY PROTEIN: serine/threonine-protein ph
>gi|1036757227|ref|XP_017156712.1| PREDICTED: uncharacterized protein LOC108165157 [Drosophila
>gi|1036730870|ref|XP_017150446.1| PREDICTED: uncharacterized protein LOC108160754 [Drosophila
>gi|1036730889|ref|XP_017150453.1| PREDICTED: uncharacterized protein LOC108160754 [Drosophila
>gi|1036706590|ref|XP_017136397.1| PREDICTED: uncharacterized protein LOC108151962 [Drosophila
>gi|1036704207|ref|XP_017134751.1| PREDICTED: LOW QUALITY PROTEIN: AF4/FMR2 family member 4 [D:
>gi|1036715798|ref|XP_017142050.1| PREDICTED: protein HIRA homolog [Drosophila miranda]
>gi|1036715815|ref|XP_017142063.1| PREDICTED: negative elongation factor B [Drosophila miranda]
>gi|1036715831|ref|XP_017142077.1| PREDICTED: uncharacterized protein LOC108155639 [Drosophila
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>gi|1036715851|ref|XP_017142089.1| PREDICTED: pyruvate dehydrogenase [acetyl-transferring]-pho-
>gi|1036715871|ref|XP_017142102.1| PREDICTED: ras-related protein Rab-39B [Drosophila miranda]
>gi|1036742374|ref|XP_017155882.1| PREDICTED: mitochondrial import receptor subunit TOM40 homo
>gi|1036758069|ref|XP_017156754.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036699606|ref|XP 017142847.1| PREDICTED: uncharacterized protein LOC108156047 [Drosophila
>gi|1036706649|ref|XP_017136459.1| PREDICTED: uncharacterized protein LOC108151998 [Drosophila
>gi|1036699621|ref|XP 017142968.1| PREDICTED: uncharacterized protein LOC108156128 [Drosophila
>gi|1036753796|ref|XP_017156519.1| PREDICTED: venom carboxylesterase-6 [Drosophila miranda]
>gi|1036749861|ref|XP_017156289.1| PREDICTED: L-asparaginase [Drosophila miranda]
>gi|1036737180|ref|XP_017153765.1| PREDICTED: vesicle-associated membrane protein-associated p
>gi|1036737128|ref|XP_017153742.1| PREDICTED: vesicle-associated membrane protein-associated page 2 protein-associated page 3 protein-associated pag
>gi|1036737146|ref|XP_017153748.1| PREDICTED: vesicle-associated membrane protein-associated page 2 protein-associated page 3 protein-associated pag
>gi|1036737164|ref|XP_017153757.1| PREDICTED: vesicle-associated membrane protein-associated page 2 protein-associated page 3 protein-associated pag
>gi|1036725887|ref|XP_017147442.1| PREDICTED: uncharacterized protein LOC108159029 [Drosophila
>gi|1036725905|ref|XP_017147454.1| PREDICTED: CAS1 domain-containing protein 1 [Drosophila mire
>gi|1036699638|ref|XP_017143087.1| PREDICTED: uncharacterized protein LOC108156219 [Drosophila
>gi|1036757946|ref|XP_017156751.1| PREDICTED: uncharacterized protein ZK546.14 [Drosophila mire
>gi|1036757963|ref|XP_017156752.1| PREDICTED: uncharacterized protein ZK546.14 [Drosophila mire
>gi|1036745490|ref|XP_017156050.1| PREDICTED: uncharacterized protein LOC108164691 [Drosophila
>gi|1036745474|ref|XP 017156049.1| PREDICTED: V-type proton ATPase subunit d 1 [Drosophila mire
>gi|1036734365|ref|XP_017152153.1| PREDICTED: fizzy-related protein homolog [Drosophila mirand
>gi|1036734383|ref|XP_017152162.1| PREDICTED: fizzy-related protein homolog [Drosophila mirand
>gi|1036751528|ref|XP_017156383.1| PREDICTED: uncharacterized protein LOC108164911 isoform X1
>gi|1036751546|ref|XP_017156384.1| PREDICTED: acidic phospholipase A2 PA4 isoform X2 [Drosophi
>gi|1036751567|ref|XP_017156385.1| PREDICTED: uncharacterized protein LOC108164911 isoform X3
>gi|1036751588|ref|XP_017156386.1| PREDICTED: uncharacterized protein LOC108164911 isoform X3
>gi|1036734545|ref|XP_017152252.1| PREDICTED: nuclear cap-binding protein subunit 1 [Drosophile
>gi|1036734562|ref|XP_017152263.1| PREDICTED: mastermind-like domain-containing protein 1 [Dros
>gi|1036746577|ref|XP_017156116.1| PREDICTED: torsin-like protein [Drosophila miranda]
>gi|1036746594|ref|XP_017156118.1| PREDICTED: 39S ribosomal protein L30, mitochondrial [Drosop
>gi|1036706790|ref|XP_017136564.1| PREDICTED: helix-loop-helix protein 1 [Drosophila miranda]
>gi|1036705672|ref|XP_017135748.1| PREDICTED: protein Flattop homolog [Drosophila miranda]
>gi|1036708216|ref|XP 017137496.1| PREDICTED: uncharacterized protein LOC108152568 [Drosophila
>gi|1036747833|ref|XP_017156192.1| PREDICTED: ras-interacting protein RIP3 [Drosophila miranda]
>gi|1036739472|ref|XP 017155007.1| PREDICTED: COPII coat assembly protein SEC16 isoform X1 [Dref|XP 017155007.1]
>gi|1036739490|ref|XP_017155016.1| PREDICTED: uncharacterized protein LOC108163962 isoform X2
>gi|1036721467|ref|XP_017145136.1| PREDICTED: uncharacterized abhydrolase domain-containing pro-
>gi|1036721430|ref|XP_017145114.1| PREDICTED: serine/threonine-protein kinase minibrain isoform
>gi|1036721411|ref|XP_017145106.1| PREDICTED: serine/threonine-protein kinase minibrain isoform
>gi|1036721448|ref|XP_017145124.1| PREDICTED: zinc finger protein 622 [Drosophila miranda]
>gi|1036742270|ref|XP_017155875.1| PREDICTED: actin-related protein 8 [Drosophila miranda]
>gi|1036742285|ref|XP_017155876.1| PREDICTED: putative sulfiredoxin isoform X1 [Drosophila mire
>gi|1036742303|ref|XP 017155877.1| PREDICTED: putative sulfiredoxin isoform X2 [Drosophila mire
>gi|1036713586|ref|XP_017140747.1| PREDICTED: laccase-3 [Drosophila miranda]
>gi|1036713719|ref|XP_017140839.1| PREDICTED: uncharacterized protein LOC108154897 [Drosophila
>gi|1036713619|ref|XP_017140768.1| PREDICTED: uncharacterized protein LOC108154855 [Drosophila
>gi|1036713671|ref|XP_017140803.1| PREDICTED: RING finger protein 121 [Drosophila miranda]
>gi|1036713636|ref|XP_017140781.1| PREDICTED: mitochondrial uncoupling protein 4 [Drosophila m
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>gi|1036713655|ref|XP_017140791.1| PREDICTED: mitochondrial uncoupling protein 4 [Drosophila m
>gi|1036713603|ref|XP_017140755.1| PREDICTED: replication factor C subunit 4 [Drosophila miran-
>gi|1036713704|ref|XP_017140827.1| PREDICTED: transcription initiation factor TFIID subunit 9
>gi|1036713688|ref|XP_017140815.1| PREDICTED: uncharacterized protein LOC108154880 [Drosophila
>gi|1036739732|ref|XP_017155160.1| PREDICTED: uncharacterized protein LOC108164082 [Drosophila
>gi|1036705782|ref|XP_017135831.1| PREDICTED: uncharacterized protein LOC108151634 [Drosophila
>gi|1036754620|ref|XP 017156568.1| PREDICTED: homeobox protein unc-4 isoform X1 [Drosophila mi
>gi|1036754637|ref|XP_017156569.1| PREDICTED: homeobox protein unc-4 isoform X2 [Drosophila mi
>gi|1036704299|ref|XP_017134806.1| PREDICTED: homeobox protein unc-4 [Drosophila miranda]
>gi|1036706421|ref|XP_017136290.1| PREDICTED: uncharacterized protein LOC108151894 [Drosophila
>gi|1036709987|ref|XP_017138564.1| PREDICTED: probable Ras GTPase-activating protein isoform X-
>gi|1036709970|ref|XP_017138558.1| PREDICTED: probable Ras GTPase-activating protein isoform X
>gi|1036709954|ref|XP_017138549.1| PREDICTED: probable Ras GTPase-activating protein isoform X
>gi|1036709938|ref|XP_017138541.1| PREDICTED: probable Ras GTPase-activating protein isoform X
>gi|1036710004|ref|XP_017138577.1| PREDICTED: DNA topoisomerase 1 isoform X1 [Drosophila miran
>gi|1036710021|ref|XP_017138586.1| PREDICTED: DNA topoisomerase 1 isoform X2 [Drosophila miran
>gi|1036710036|ref|XP_017138596.1| PREDICTED: DNA topoisomerase 1 isoform X3 [Drosophila miran-
>gi|1036710053|ref|XP_017138606.1| PREDICTED: DNA topoisomerase 1 isoform X4 [Drosophila mirane
>gi|1036739696|ref|XP_017155141.1| PREDICTED: dystrotelin [Drosophila miranda]
>gi|1036739714|ref|XP 017155149.1| PREDICTED: uncharacterized protein LOC108164074 [Drosophila
>gi|1036724829|ref|XP_017146830.1| PREDICTED: histone deacetylase 6 isoform X1 [Drosophila mire
>gi|1036724896|ref|XP 017146861.1| PREDICTED: histone deacetylase 6 isoform X4 [Drosophila mire
>gi|1036724914|ref|XP_017146869.1| PREDICTED: histone deacetylase 6 isoform X5 [Drosophila mire
>gi|1036724877|ref|XP_017146852.1| PREDICTED: histone deacetylase 6 isoform X3 [Drosophila mire
>gi|1036724845|ref|XP_017146839.1| PREDICTED: histone deacetylase 6 isoform X2 [Drosophila mire
>gi|1036724859|ref|XP_017146845.1| PREDICTED: histone deacetylase 6 isoform X2 [Drosophila mire
>gi|1036724932|ref|XP_017146882.1| PREDICTED: LOW QUALITY PROTEIN: p21-activated protein kinas
>gi|1036735729|ref|XP_017152924.1| PREDICTED: probable ATP-dependent RNA helicase DDX46 [Droso
>gi|1036752409|ref|XP_017156434.1| PREDICTED: inhibitory POU protein isoform X4 [Drosophila mi
>gi|1036752390|ref|XP_017156433.1| PREDICTED: inhibitory POU protein isoform X3 [Drosophila mi
>gi|1036752372|ref|XP_017156432.1| PREDICTED: inhibitory POU protein isoform X2 [Drosophila mi
>gi|1036752356|ref|XP_017156431.1| PREDICTED: inhibitory POU protein isoform X1 [Drosophila mi
>gi|1036752427|ref|XP_017156435.1| PREDICTED: serine/threonine-protein phosphatase alpha-3 iso
>gi|1036752444|ref|XP_017156437.1| PREDICTED: uncharacterized protein LOC108164952 [Drosophila
>gi|1036752463|ref|XP 017156438.1| PREDICTED: uncharacterized protein LOC108164952 [Drosophila
>gi|1036757464|ref|XP_017156727.1| PREDICTED: WSCD family member GA21586 isoform X2 [Drosophile
>gi|1036757447|ref|XP 017156726.1| PREDICTED: WSCD family member GA21586 isoform X1 [Drosophile
>gi|1036748644|ref|XP_017156223.1| PREDICTED: uncharacterized protein LOC108164814 isoform X2
>gi|1036748625|ref|XP_017156221.1| PREDICTED: uncharacterized protein LOC108164814 isoform X1
>gi|1036748663|ref|XP_017156224.1| PREDICTED: uncharacterized protein LOC108164814 isoform X3
>gi|1036699658|ref|XP_017143210.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036748682|ref|XP_017156225.1| PREDICTED: uncharacterized protein LOC108164815 [Drosophila
>gi|1036736261|ref|XP 017153228.1| PREDICTED: secretory carrier-associated membrane protein 1
>gi|1036736246|ref|XP_017153218.1| PREDICTED: adenosylhomocysteinase [Drosophila miranda]
>gi|1036716747|ref|XP_017142604.1| PREDICTED: P3 protein [Drosophila miranda]
>gi|1036716708|ref|XP_017142580.1| PREDICTED: anaphase-promoting complex subunit 1 [Drosophila
>gi|1036716785|ref|XP_017142630.1| PREDICTED: uncharacterized protein LOC108155963 [Drosophila
>gi|1036716804|ref|XP_017142637.1| PREDICTED: uncharacterized protein LOC108155963 [Drosophila
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>gi|1036716824|ref|XP_017142647.1| PREDICTED: uncharacterized protein LOC108155963 [Drosophila
>gi|1036716847|ref|XP_017142659.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1036716726|ref|XP_017142593.1| PREDICTED: serine/threonine-protein kinase Nek11 [Drosophile
>gi|1036716766|ref|XP_017142616.1| PREDICTED: acetyl-CoA acetyltransferase, mitochondrial [Droplet of the control of the contr
>gi|1036757191|ref|XP 017156710.1| PREDICTED: uncharacterized protein LOC108165155 [Drosophila
>gi|1036704800|ref|XP_017135157.1| PREDICTED: selenide, water dikinase-like [Drosophila mirand
>gi|1036707217|ref|XP 017136828.1| PREDICTED: uncharacterized protein LOC108152189 [Drosophila
>gi|1036699672|ref|XP_017143336.1| PREDICTED: uncharacterized protein LOC108156386 [Drosophila
>gi|1036699685|ref|XP_017143453.1| PREDICTED: uncharacterized protein LOC108156460 [Drosophila
>gi|1036751014|ref|XP_017156353.1| PREDICTED: uncharacterized protein LOC108164897 [Drosophila
>gi|1036751032|ref|XP_017156354.1| PREDICTED: defective chorion-1 protein, FC106 isoform [Dros
>gi|1036757627|ref|XP_017156734.1| PREDICTED: golgin subfamily A member 4-like [Drosophila mire
>gi|1036699701|ref|XP_017143575.1| PREDICTED: uncharacterized protein LOC108156538 [Drosophila
>gi|1036699714|ref|XP_017143700.1| PREDICTED: mitochondrial carrier homolog 2-like [Drosophila
>gi|1036699731|ref|XP_017143948.1| PREDICTED: mitochondrial carrier homolog 2-like [Drosophila
>gi|1036699746|ref|XP_017144072.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036757755|ref|XP_017156740.1| PREDICTED: carbonic anhydrase-related protein 10 [Drosophile
>gi|1036755734|ref|XP_017156630.1| PREDICTED: AT-rich interactive domain-containing protein 1B
>gi|1036753867|ref|XP_017156524.1| PREDICTED: uncharacterized protein LOC108165002 [Drosophila
>gi|1036743371|ref|XP 017155940.1| PREDICTED: cap-specific mRNA (nucleoside-2'-0-)-methyltrans
>gi|1036747312|ref|XP_017156162.1| PREDICTED: uncharacterized protein LOC108164762 [Drosophila
>gi|1036747331|ref|XP 017156163.1| PREDICTED: uncharacterized protein LOC108164763 [Drosophila
>gi|1036757135|ref|XP_017156707.1| PREDICTED: LOW QUALITY PROTEIN: polycystic kidney disease 2
>gi|1036756376|ref|XP_017156667.1| PREDICTED: polycystic kidney disease 2-like 1 protein isofo
>gi|1036756359|ref|XP_017156666.1| PREDICTED: polycystic kidney disease 2-like 2 protein isofo
>gi|1036756395|ref|XP_017156668.1| PREDICTED: uncharacterized protein LOC108165118 isoform X3
>gi|1036755228|ref|XP_017156604.1| PREDICTED: collagen alpha-1(II) chain-like isoform X1 [Dros
>gi|1036755244|ref|XP_017156605.1| PREDICTED: collagen alpha-1(III) chain-like isoform X2 [Dros
>gi|1036737545|ref|XP_017153972.1| PREDICTED: uncharacterized protein LOC108163279 [Drosophila
>gi|1036723410|ref|XP_017145959.1| PREDICTED: serine/threonine-protein kinase TAO3 isoform X1
>gi|1036723429|ref|XP_017145967.1| PREDICTED: serine/threonine-protein kinase TAO3 isoform X2
>gi|1036723446|ref|XP_017145979.1| PREDICTED: vacuolar protein sorting-associated protein 33A
>gi|1036735745|ref|XP_017152937.1| PREDICTED: gamma-tubulin complex component 2 homolog isoform
>gi|1036735764|ref|XP_017152944.1| PREDICTED: gamma-tubulin complex component 2 homolog isoform
>gi|1036699760|ref|XP 017144189.1| PREDICTED: homeobox protein ARX [Drosophila miranda]
>gi|1036730153|ref|XP_017150023.1| PREDICTED: REST corepressor isoform X2 [Drosophila miranda]
>gi|1036730134|ref|XP_017150015.1| PREDICTED: REST corepressor isoform X1 [Drosophila miranda]
>gi|1036730172|ref|XP_017150031.1| PREDICTED: REST corepressor isoform X3 [Drosophila miranda]
>gi|1036745649|ref|XP_017156060.1| PREDICTED: probable isocitrate dehydrogenase [NAD] subunit
>gi|1036745667|ref|XP_017156061.1| PREDICTED: probable isocitrate dehydrogenase [NAD] subunit
>gi|1036718720|ref|XP_017143701.1| PREDICTED: uncharacterized protein LOC108156629 [Drosophila
>gi|1036718740|ref|XP_017143712.1| PREDICTED: uncharacterized protein LOC108156629 [Drosophila
>gi|1036718769|ref|XP_017143733.1| PREDICTED: 6-phosphofructo-2-kinase/fructose-2,6-bisphospha
>gi|1036718754|ref|XP_017143724.1| PREDICTED: 6-phosphofructo-2-kinase/fructose-2,6-bisphospha
>gi|1036718788|ref|XP_017143741.1| PREDICTED: 6-phosphofructo-2-kinase/fructose-2,6-bisphospha
>gi|1036718807|ref|XP_017143751.1| PREDICTED: 6-phosphofructo-2-kinase/fructose-2,6-bisphospha
>gi|1036702925|ref|XP_017156678.1| PREDICTED: protein kish [Drosophila miranda]
>gi|1036702323|ref|XP_017156292.1| PREDICTED: NADH dehydrogenase [ubiquinone] iron-sulfur prote
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>gi|1036721393|ref|XP 017145094.1| PREDICTED: LOW QUALITY PROTEIN: 5'-3' exoribonuclease 1 [Dro
>gi|1036721374|ref|XP_017145083.1| PREDICTED: probable ATP-dependent RNA helicase DHX34 [Droso
>gi|1036734653|ref|XP_017152326.1| PREDICTED: 28S ribosomal protein S14, mitochondrial [Drosop
>gi|1036734615|ref|XP_017152306.1| PREDICTED: N-alpha-acetyltransferase 16, NatA auxiliary sub
>gi|1036734634|ref|XP 017152314.1| PREDICTED: N-alpha-acetyltransferase 16, NatA auxiliary sub
>gi|1036699775|ref|XP_017144311.1| PREDICTED: uncharacterized protein LOC108156988 [Drosophila
>gi|1036722703|ref|XP 017145617.1| PREDICTED: RING-box protein 1-like [Drosophila miranda]
>gi|1036757889|ref|XP_017156748.1| PREDICTED: uncharacterized protein LOC108165188 [Drosophila
>gi|1036704819|ref|XP_017135169.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036757392|ref|XP_017156723.1| PREDICTED: nose resistant to fluoxetine protein 6-like isof
>gi|1036757410|ref|XP_017156724.1| PREDICTED: nose resistant to fluoxetine protein 6-like isof
>gi|1036757429|ref|XP_017156725.1| PREDICTED: nose resistant to fluoxetine protein 6-like isof
>gi|1036757588|ref|XP_017156732.1| PREDICTED: nardilysin-like isoform X1 [Drosophila miranda]
>gi|1036757607|ref|XP_017156733.1| PREDICTED: nardilysin-like isoform X2 [Drosophila miranda]
>gi|1036756780|ref|XP_017156690.1| PREDICTED: nose resistant to fluoxetine protein 6-like [Drop
>gi|1036708492|ref|XP_017137675.1| PREDICTED: 40S ribosomal protein S10b [Drosophila miranda]
>gi|1036708380|ref|XP_017137603.1| PREDICTED: sin3 histone deacetylase corepressor complex com
>gi|1036708431|ref|XP_017137642.1| PREDICTED: heat shock protein beta-6 isoform X1 [Drosophila
>gi|1036708447|ref|XP_017137648.1| PREDICTED: heat shock protein beta-1 isoform X2 [Drosophila
>gi|1036708318|ref|XP 017137562.1| PREDICTED: solute carrier family 25 member 40 isoform X1 [Di
>gi|1036708331|ref|XP_017137571.1| PREDICTED: solute carrier family 25 member 40 isoform X2 [D:
>gi|1036708284|ref|XP 017137542.1| PREDICTED: solute carrier family 25 member 40 isoform X1 [Di
>gi|1036708301|ref|XP_017137550.1| PREDICTED: solute carrier family 25 member 40 isoform X2 [D:
>gi|1036708509|ref|XP_017137687.1| PREDICTED: coiled-coil domain-containing protein 86 [Drosop.
>gi|1036708397|ref|XP_017137618.1| PREDICTED: L-seryl-tRNA(Sec) kinase [Drosophila miranda]
>gi|1036708525|ref|XP_017137701.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036699792|ref|XP_017144438.1| PREDICTED: uncharacterized protein LOC108157068 [Drosophila
>gi|1036708478|ref|XP_017137663.1| PREDICTED: N-alpha-acetyltransferase 20 [Drosophila miranda
>gi|1036708346|ref|XP_017137583.1| PREDICTED: dual specificity protein phosphatase 12 [Drosoph
>gi|1036708364|ref|XP_017137591.1| PREDICTED: dual specificity protein phosphatase 12 [Drosoph
>gi|1036708414|ref|XP_017137630.1| PREDICTED: pyridoxal phosphate phosphatase PHOSPHO2 [Drosop
>gi|1036708250|ref|XP_017137521.1| PREDICTED: supporter of activation of yellow protein [Droso
>gi|1036708266|ref|XP_017137529.1| PREDICTED: supporter of activation of yellow protein [Droso
>gi|1036714845|ref|XP_017141500.1| PREDICTED: pyridoxal phosphate phosphatase PHOSPHO2 [Drosop
>gi|1036714809|ref|XP 017141480.1| PREDICTED: cell differentiation protein RCD1 homolog [Droso
>gi|1036714828|ref|XP_017141489.1| PREDICTED: cell differentiation protein RCD1 homolog [Droso
>gi|1036714863|ref|XP_017141510.1| PREDICTED: protein transport protein Sec61 gamma-2 subunit
>gi|1036714772|ref|XP_017141455.1| PREDICTED: signal recognition particle receptor subunit alp
>gi|1036714790|ref|XP_017141468.1| PREDICTED: 26S protease regulatory subunit 6B [Drosophila m
>gi|1036714735|ref|XP_017141434.1| PREDICTED: uncharacterized protein LOC108155248 isoform X1
>gi|1036714753|ref|XP_017141442.1| PREDICTED: uncharacterized protein LOC108155248 isoform X2
>gi|1036742320|ref|XP_017155878.1| PREDICTED: 60 kDa heat shock protein, mitochondrial [Drosop
>gi|1036753814|ref|XP 017156520.1| PREDICTED: uncharacterized protein LOC108165001 [Drosophila
>gi|1036753831|ref|XP_017156521.1| PREDICTED: uncharacterized protein LOC108165001 [Drosophila
>gi|1036753850|ref|XP_017156523.1| PREDICTED: uncharacterized protein LOC108165001 [Drosophila
>gi|1036726131|ref|XP_017147590.1| PREDICTED: protein ELYS homolog [Drosophila miranda]
>gi|1036739261|ref|XP_017154884.1| PREDICTED: exportin-5 [Drosophila miranda]
>gi|1036732555|ref|XP_017151198.1| PREDICTED: actin-related protein 10 [Drosophila miranda]
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>gi|1036732537|ref|XP_017151189.1| PREDICTED: CWF19-like protein 2 homolog [Drosophila miranda]
>gi|1036732572|ref|XP_017151208.1| PREDICTED: 40S ribosomal protein S19a [Drosophila miranda]
>gi|1036726596|ref|XP_017147892.1| PREDICTED: rho-associated protein kinase 1 isoform X1 [Dros
>gi|1036726614|ref|XP_017147902.1| PREDICTED: rho-associated protein kinase 1 isoform X2 [Dros
>gi|1036726635|ref|XP 017147912.1| PREDICTED: rho-associated protein kinase 1 isoform X3 [Dros
>gi|1036730558|ref|XP_017150260.1| PREDICTED: brain acid soluble protein 1 homolog [Drosophila
>gi|1036730522|ref|XP 017150243.1| PREDICTED: nardilysin-like isoform X1 [Drosophila miranda]
>gi|1036730542|ref|XP_017150248.1| PREDICTED: nardilysin-like isoform X2 [Drosophila miranda]
>gi|1036751918|ref|XP_017156404.1| PREDICTED: 40S ribosomal protein S19a-like [Drosophila mirated]
>gi|1036741362|ref|XP_017155825.1| PREDICTED: myotubularin-related protein 10-B [Drosophila mi
>gi|1036699809|ref|XP_017144563.1| PREDICTED: uncharacterized protein LOC108157134 [Drosophila
>gi|1036752338|ref|XP_017156430.1| PREDICTED: glutaredoxin-related protein 5, mitochondrial [Di
>gi|1036716487|ref|XP_017142475.1| PREDICTED: flotillin-2 isoform X1 [Drosophila miranda]
>gi|1036716503|ref|XP_017142484.1| PREDICTED: flotillin-2 isoform X1 [Drosophila miranda]
>gi|1036716557|ref|XP_017142492.1| PREDICTED: flotillin-2 isoform X1 [Drosophila miranda]
>gi|1036716576|ref|XP_017142501.1| PREDICTED: flotillin-2 isoform X2 [Drosophila miranda]
>gi|1036716595|ref|XP_017142511.1| PREDICTED: flotillin-2 isoform X3 [Drosophila miranda]
>gi|1036716453|ref|XP_017142450.1| PREDICTED: glucose dehydrogenase [FAD, quinone] isoform X2
>gi|1036716381|ref|XP_017142404.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716434|ref|XP 017142444.1| PREDICTED: glucose dehydrogenase [FAD, quinone] isoform X1
>gi|1036716400|ref|XP_017142420.1| PREDICTED: LOW QUALITY PROTEIN: glucose dehydrogenase [FAD,
>gi|1036716362|ref|XP 017142392.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716651|ref|XP_017142542.1| PREDICTED: uncharacterized protein LOC108155905 [Drosophila
>gi|1036716288|ref|XP_017142339.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716690|ref|XP_017142567.1| PREDICTED: glucose dehydrogenase [FAD, quinone]-like [Droso
>gi|1036716268|ref|XP_017142328.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716470|ref|XP_017142463.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716325|ref|XP_017142368.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716670|ref|XP_017142555.1| PREDICTED: uncharacterized protein LOC108155915 [Drosophila
>gi|1036716343|ref|XP_017142379.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716306|ref|XP_017142354.1| PREDICTED: LOW QUALITY PROTEIN: glucose dehydrogenase [FAD,
>gi|1036716416|ref|XP_017142433.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716630|ref|XP_017142530.1| PREDICTED: uncharacterized protein LOC108155896 [Drosophila
>gi|1036716611|ref|XP_017142519.1| PREDICTED: flotillin-2 isoform X4 [Drosophila miranda]
>gi|1036737512|ref|XP 017153952.1| PREDICTED: probable 4-coumarate--CoA ligase 1 [Drosophila m
>gi|1036750922|ref|XP_017156348.1| PREDICTED: chromobox protein homolog 5-like [Drosophila mire
>gi|1036750848|ref|XP_017156344.1| PREDICTED: potassium voltage-gated channel protein eag isof
>gi|1036750904|ref|XP_017156347.1| PREDICTED: potassium voltage-gated channel protein eag isof
>gi|1036750866|ref|XP_017156345.1| PREDICTED: potassium voltage-gated channel protein eag isof
>gi|1036750885|ref|XP_017156346.1| PREDICTED: potassium voltage-gated channel protein eag isof
>gi|1036755473|ref|XP_017156618.1| PREDICTED: cathepsin E-B-like [Drosophila miranda]
>gi|1036743389|ref|XP_017155941.1| PREDICTED: uncharacterized protein LOC108164612 [Drosophila
>gi|1036743408|ref|XP 017155942.1| PREDICTED: branched-chain-amino-acid aminotransferase, cyto-
>gi|1036723989|ref|XP_017146275.1| PREDICTED: mpv17-like protein 2 [Drosophila miranda]
>gi|1036724008|ref|XP_017146288.1| PREDICTED: protein yippee [Drosophila miranda]
>gi|1036724029|ref|XP_017146296.1| PREDICTED: protein yippee [Drosophila miranda]
>gi|1036724048|ref|XP_017146309.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036723970|ref|XP_017146263.1| PREDICTED: RNA-binding protein 1 isoform X2 [Drosophila mire
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>gi|1036723953|ref|XP_017146252.1| PREDICTED: RNA-binding protein 1 isoform X1 [Drosophila mire
>gi|1036743339|ref|XP_017155938.1| PREDICTED: alanine aminotransferase 1 [Drosophila miranda]
>gi|1036743355|ref|XP_017155939.1| PREDICTED: alanine aminotransferase 1 [Drosophila miranda]
>gi|1036706093|ref|XP_017136076.1| PREDICTED: doublesex- and mab-3-related transcription factor
>gi|1036706108|ref|XP 017136083.1| PREDICTED: uncharacterized protein LOC108151748 isoform X2
>gi|1036757699|ref|XP_017156738.1| PREDICTED: uncharacterized protein LOC108165178 [Drosophila
>gi|1036738883|ref|XP 017154657.1| PREDICTED: nuclear speckle splicing regulatory protein 1 [Di
>gi|1036738901|ref|XP_017154668.1| PREDICTED: 40S ribosomal protein S15Aa [Drosophila miranda]
>gi|1036715760|ref|XP_017142027.1| PREDICTED: peroxiredoxin 1 [Drosophila miranda]
>gi|1036715712|ref|XP_017141989.1| PREDICTED: uncharacterized protein LOC108155578 isoform X2
>gi|1036715674|ref|XP_017141973.1| PREDICTED: uncharacterized protein LOC108155578 isoform X1
>gi|1036715693|ref|XP_017141982.1| PREDICTED: uncharacterized protein LOC108155578 isoform X1
>gi|1036715730|ref|XP_017142002.1| PREDICTED: uncharacterized protein LOC108155592 [Drosophila
>gi|1036715747|ref|XP_017142015.1| PREDICTED: pre-mRNA-splicing factor 38B [Drosophila miranda]
>gi|1036715640|ref|XP_017141951.1| PREDICTED: raf homolog serine/threonine-protein kinase phl
>gi|1036715657|ref|XP_017141961.1| PREDICTED: raf homolog serine/threonine-protein kinase phl
>gi|1036715779|ref|XP_017142039.1| PREDICTED: 39S ribosomal protein L14, mitochondrial [Drosop
>gi|1036737020|ref|XP 017153684.1| PREDICTED: flocculation protein FL011 isoform X1 [Drosophile
>gi|1036737038|ref|XP_017153692.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036737057|ref|XP 017153701.1| PREDICTED: flocculation protein FL011 isoform X2 [Drosophile
>gi|1036737076|ref|XP_017153710.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036737094|ref|XP 017153719.1| PREDICTED: flocculation protein FL011 isoform X2 [Drosophile
>gi|1036757793|ref|XP_017156742.1| PREDICTED: sporozoite surface protein 2-like [Drosophila mi
>gi|1036757814|ref|XP_017156743.1| PREDICTED: sporozoite surface protein 2-like [Drosophila mi
>gi|1036704513|ref|XP_017134942.1| PREDICTED: putative uncharacterized protein DDB_G0268364 [Di
>gi|1036744504|ref|XP_017155993.1| PREDICTED: uncharacterized protein LOC108164652 isoform X1
>gi|1036744523|ref|XP_017155994.1| PREDICTED: uncharacterized protein LOC108164652 isoform X2
>gi|1036704226|ref|XP_017134763.1| PREDICTED: uncharacterized protein LOC108150940 [Drosophila
>gi|1036726833|ref|XP_017148037.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036743927|ref|XP_017155965.1| PREDICTED: inosine-5'-monophosphate dehydrogenase [Drosophi
>gi|1036743946|ref|XP_017155966.1| PREDICTED: inosine-5'-monophosphate dehydrogenase [Drosophi
>gi|1036755210|ref|XP_017156603.1| PREDICTED: rabphilin-3A [Drosophila miranda]
>gi|1036744063|ref|XP_017155972.1| PREDICTED: vacuole membrane protein 1 [Drosophila miranda]
>gi|1036744082|ref|XP_017155973.1| PREDICTED: vacuole membrane protein 1 [Drosophila miranda]
>gi|1036744101|ref|XP 017155974.1| PREDICTED: vacuole membrane protein 1 [Drosophila miranda]
>gi|1036748183|ref|XP_017156209.1| PREDICTED: gamma-aminobutyric acid receptor-associated prot
>gi|1036752829|ref|XP 017156460.1| PREDICTED: transcription initiation factor IIA subunit 2 [Di
>gi|1036719530|ref|XP_017144168.1| PREDICTED: integrin beta-PS isoform X1 [Drosophila miranda]
>gi|1036719547|ref|XP_017144176.1| PREDICTED: integrin beta-PS isoform X1 [Drosophila miranda]
>gi|1036719567|ref|XP_017144184.1| PREDICTED: integrin beta-PS isoform X2 [Drosophila miranda]
>gi|1036719511|ref|XP_017144156.1| PREDICTED: regulator of nonsense transcripts 2 [Drosophila i
>gi|1036749467|ref|XP_017156266.1| PREDICTED: dynein intermediate chain 3, ciliary [Drosophila
>gi|1036749481|ref|XP 017156268.1| PREDICTED: 17-beta-hydroxysteroid dehydrogenase 13 [Drosoph
>gi|1036699824|ref|XP_017144691.1| PREDICTED: EF-hand calcium-binding domain-containing protein
>gi|1036725087|ref|XP_017146972.1| PREDICTED: ubiquitin-conjugating enzyme E2 H [Drosophila mi
>gi|1036725103|ref|XP_017146979.1| PREDICTED: ubiquitin-conjugating enzyme E2 H [Drosophila mi
>gi|1036725070|ref|XP_017146959.1| PREDICTED: protein rhomboid [Drosophila miranda]
>gi|1036725116|ref|XP_017146990.1| PREDICTED: uncharacterized protein LOC108158809 [Drosophila
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>gi|1036725134|ref|XP_017146999.1| PREDICTED: uncharacterized protein LOC108158809 [Drosophila
>gi|1036725152|ref|XP_017147006.1| PREDICTED: uncharacterized protein LOC108158809 [Drosophila
>gi|1036749533|ref|XP_017156271.1| PREDICTED: uncharacterized protein LOC108164853 [Drosophila
>gi|1036699841|ref|XP_017144812.1| PREDICTED: inosine-5'-monophosphate dehydrogenase-like [Dros
>gi|1036730503|ref|XP 017150229.1| PREDICTED: putative folylpolyglutamate synthase [Drosophila
>gi|1036730484|ref|XP_017150217.1| PREDICTED: uncharacterized protein LOC108160603 isoform X2
>gi|1036730450|ref|XP 017150200.1| PREDICTED: uncharacterized protein LOC108160603 isoform X1
>gi|1036730467|ref|XP_017150208.1| PREDICTED: uncharacterized protein LOC108160603 isoform X1
>gi|1036756545|ref|XP_017156676.1| PREDICTED: YEATS domain-containing protein 4 [Drosophila mi
>gi|1036756524|ref|XP_017156675.1| PREDICTED: uncharacterized protein LOC108165123 [Drosophila
>gi|1036717066|ref|XP_017142799.1| PREDICTED: protein kinase shaggy isoform X2 [Drosophila mire
>gi|1036717086|ref|XP_017142807.1| PREDICTED: protein kinase shaggy isoform X3 [Drosophila mire
>gi|1036717047|ref|XP_017142789.1| PREDICTED: protein kinase shaggy isoform X1 [Drosophila mire
>gi|1036732065|ref|XP_017150966.1| PREDICTED: phosphatidylinositol 4-kinase alpha [Drosophila 1
>gi|1036732615|ref|XP_017151230.1| PREDICTED: protein ariadne-1 [Drosophila miranda]
>gi|1036732633|ref|XP_017151238.1| PREDICTED: protein ariadne-1 [Drosophila miranda]
>gi|1036732651|ref|XP_017151246.1| PREDICTED: protein ariadne-1 [Drosophila miranda]
>gi|1036732669|ref|XP_017151253.1| PREDICTED: protein ariadne-1 [Drosophila miranda]
>gi|1036737668|ref|XP_017154048.1| PREDICTED: transcription factor grauzone [Drosophila mirand
>gi|1036737686|ref|XP 017154058.1| PREDICTED: enhancer of yellow 2 transcription factor isoform
>gi|1036737703|ref|XP_017154062.1| PREDICTED: enhancer of yellow 2 transcription factor isoform
>gi|1036737652|ref|XP_017154034.1| PREDICTED: transcription factor grauzone [Drosophila mirand
>gi|1036744992|ref|XP_017156020.1| PREDICTED: uncharacterized protein LOC108164676 [Drosophila
>gi|1036745011|ref|XP_017156021.1| PREDICTED: transmembrane protein 242 [Drosophila miranda]
>gi|1036744937|ref|XP_017156017.1| PREDICTED: zinc finger protein 239-like [Drosophila miranda]
>gi|1036744954|ref|XP_017156018.1| PREDICTED: zinc finger protein 239-like [Drosophila miranda]
>gi|1036744973|ref|XP_017156019.1| PREDICTED: zinc finger protein 239-like [Drosophila miranda]
>gi|1036723507|ref|XP_017146006.1| PREDICTED: DNA-directed RNA polymerase II subunit RPB1 [Drop
>gi|1036722753|ref|XP_017145636.1| PREDICTED: putative ATP-dependent RNA helicase BoYb [Drosop
>gi|1036722997|ref|XP_017145742.1| PREDICTED: LOW QUALITY PROTEIN: peptidoglycan-recognition p
>gi|1036722770|ref|XP_017145646.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722791|ref|XP_017145653.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722812|ref|XP_017145661.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722855|ref|XP_017145669.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722874|ref|XP 017145676.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722889|ref|XP_017145683.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722925|ref|XP_017145698.1| PREDICTED: homeobox protein 5 isoform X3 [Drosophila mirand
>gi|1036722906|ref|XP_017145691.1| PREDICTED: homeobox protein 5 isoform X2 [Drosophila mirand
>gi|1036722943|ref|XP_017145706.1| PREDICTED: homeobox protein 5 isoform X4 [Drosophila mirand
>gi|1036722980|ref|XP_017145727.1| PREDICTED: coiled-coil domain-containing protein 25 [Drosop
>gi|1036722962|ref|XP_017145716.1| PREDICTED: facilitated trehalose transporter Tret1 [Drosoph
>gi|1036720091|ref|XP_017144450.1| PREDICTED: putative uncharacterized protein DDB_G0286901 [Di
>gi|1036720053|ref|XP_017144428.1| PREDICTED: protein sex-lethal isoform X10 [Drosophila miran-
>gi|1036719889|ref|XP_017144358.1| PREDICTED: protein sex-lethal isoform X2 [Drosophila mirand
>gi|1036719972|ref|XP_017144392.1| PREDICTED: protein sex-lethal isoform X6 [Drosophila mirand
>gi|1036719869|ref|XP_017144350.1| PREDICTED: protein sex-lethal isoform X1 [Drosophila mirand
>gi|1036720073|ref|XP_017144439.1| PREDICTED: protein sex-lethal isoform X11 [Drosophila miran-
>gi|1036719908|ref|XP_017144368.1| PREDICTED: protein sex-lethal isoform X3 [Drosophila mirand
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>gi|1036720033|ref|XP_017144419.1| PREDICTED: protein sex-lethal isoform X9 [Drosophila mirand
>gi|1036720014|ref|XP_017144408.1| PREDICTED: protein sex-lethal isoform X8 [Drosophila mirand
>gi|1036719928|ref|XP_017144375.1| PREDICTED: protein sex-lethal isoform X4 [Drosophila mirand
>gi|1036719952|ref|XP_017144383.1| PREDICTED: protein sex-lethal isoform X5 [Drosophila mirand
>gi|1036719994|ref|XP_017144400.1| PREDICTED: protein sex-lethal isoform X7 [Drosophila mirand
>gi|1036710707|ref|XP_017139059.1| PREDICTED: protein suppressor of sable isoform X2 [Drosophi
>gi|1036710692|ref|XP 017139050.1| PREDICTED: protein suppressor of sable isoform X1 [Drosophi
>gi|1036710744|ref|XP_017139082.1| PREDICTED: caspase-8 [Drosophila miranda]
>gi|1036710726|ref|XP 017139070.1| PREDICTED: uncharacterized protein LOC108153519 [Drosophila
>gi|1036710776|ref|XP_017139105.1| PREDICTED: tetraspanin-33 [Drosophila miranda]
>gi|1036710793|ref|XP_017139114.1| PREDICTED: tetraspanin-33 [Drosophila miranda]
>gi|1036710760|ref|XP_017139093.1| PREDICTED: seipin [Drosophila miranda]
>gi|1036748948|ref|XP_017156238.1| PREDICTED: synaptic vesicle glycoprotein 2B isoform X2 [Drop
>gi|1036748907|ref|XP_017156236.1| PREDICTED: synaptic vesicle glycoprotein 2B isoform X1 [Dros
>gi|1036748929|ref|XP_017156237.1| PREDICTED: synaptic vesicle glycoprotein 2B isoform X1 [Dros
>gi|1036745978|ref|XP_017156078.1| PREDICTED: 60S ribosomal protein L17 [Drosophila miranda]
>gi|1036744920|ref|XP_017156016.1| PREDICTED: putative metabolite transport protein HI_1104 [D:
>gi|1036711151|ref|XP_017139364.1| PREDICTED: uncharacterized protein LOC108153742 [Drosophila
>gi|1036711167|ref|XP_017139372.1| PREDICTED: uncharacterized protein LOC108153742 [Drosophila
>gi|1036711184|ref|XP 017139381.1| PREDICTED: uncharacterized protein LOC108153742 [Drosophila
>gi|1036711199|ref|XP_017139389.1| PREDICTED: uncharacterized protein LOC108153742 [Drosophila
>gi|1036711324|ref|XP 017139426.1| PREDICTED: uncharacterized protein LOC108153835 [Drosophila
>gi|1036711290|ref|XP_017139421.1| PREDICTED: uncharacterized protein LOC108153801 [Drosophila
>gi|1036711307|ref|XP 017139422.1| PREDICTED: 5-demethoxyubiquinone hydroxylase, mitochondrial
>gi|1036711273|ref|XP_017139420.1| PREDICTED: protein shifted isoform X4 [Drosophila miranda]
>gi|1036711256|ref|XP_017139415.1| PREDICTED: protein shifted isoform X3 [Drosophila miranda]
>gi|1036711235|ref|XP_017139408.1| PREDICTED: protein shifted isoform X2 [Drosophila miranda]
>gi|1036711216|ref|XP_017139399.1| PREDICTED: protein shifted isoform X1 [Drosophila miranda]
>gi|1036726982|ref|XP_017148114.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X4
>gi|1036727021|ref|XP_017148131.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X6
>gi|1036726963|ref|XP_017148107.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X3
>gi|1036726945|ref|XP_017148099.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X2
>gi|1036726927|ref|XP 017148092.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X1
>gi|1036726999|ref|XP_017148122.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X5
>gi|1036725173|ref|XP 017147019.1| PREDICTED: coronin-7 isoform X1 [Drosophila miranda]
>gi|1036725191|ref|XP_017147027.1| PREDICTED: coronin-7 isoform X2 [Drosophila miranda]
>gi|1036725210|ref|XP 017147038.1| PREDICTED: coronin-7 isoform X3 [Drosophila miranda]
>gi|1036725226|ref|XP_017147047.1| PREDICTED: coronin-7 isoform X4 [Drosophila miranda]
>gi|1036737198|ref|XP_017153777.1| PREDICTED: uncharacterized protein LOC108163163 [Drosophila
>gi|1036737233|ref|XP_017153800.1| PREDICTED: putative uncharacterized protein DDB_G0268364 is
>gi|1036737213|ref|XP_017153791.1| PREDICTED: putative uncharacterized protein DDB_G0268364 is
>gi|1036744540|ref|XP_017155995.1| PREDICTED: probable dolichyl pyrophosphate Glc1Man9GlcNAc2
>gi|1036744556|ref|XP_017155996.1| PREDICTED: ataxin-1 [Drosophila miranda]
>gi|1036742682|ref|XP_017155900.1| PREDICTED: frizzled-3 [Drosophila miranda]
>gi|1036749239|ref|XP_017156255.1| PREDICTED: protein O-mannosyl-transferase 2 [Drosophila mire
>gi|1036749258|ref|XP_017156256.1| PREDICTED: uncharacterized protein LOC108164841 [Drosophila
>gi|1036749297|ref|XP_017156259.1| PREDICTED: uncharacterized protein LOC108164842 isoform X2
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>gi|1036749278|ref|XP\_017156258.1| PREDICTED: uncharacterized protein LOC108164842 isoform X1

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>gi|1036749327|ref|XP_017156260.1| PREDICTED: uncharacterized protein LOC108164842 isoform X3
>gi|1036699856|ref|XP_017144927.1| PREDICTED: uncharacterized protein LOC108157372 [Drosophila
>gi|1036749342|ref|XP_017156261.1| PREDICTED: mitochondrial import receptor subunit TOM70-like
>gi|1036749360|ref|XP_017156262.1| PREDICTED: uncharacterized protein LOC108164844 [Drosophila
>gi|1036717849|ref|XP 017143223.1| PREDICTED: histone deacetylase complex subunit SAP30 homological subunit subuni
>gi|1036717731|ref|XP_017143155.1| PREDICTED: exosome complex component RRP45 [Drosophila mirated
>gi|1036717772|ref|XP 017143180.1| PREDICTED: uncharacterized protein LOC108156303 isoform X1
>gi|1036717791|ref|XP_017143187.1| PREDICTED: UPF0472 protein C16orf72 isoform X2 [Drosophila 1
>gi|1036717809|ref|XP_017143198.1| PREDICTED: NECAP-like protein CG9132 [Drosophila miranda]
>gi|1036717753|ref|XP_017143167.1| PREDICTED: zinc finger protein 845 [Drosophila miranda]
>gi|1036717830|ref|XP_017143211.1| PREDICTED: 39S ribosomal protein L22, mitochondrial [Drosop
>gi|1036744327|ref|XP_017155985.1| PREDICTED: uncharacterized protein LOC108164646 [Drosophila
>gi|1036730907|ref|XP_017150464.1| PREDICTED: integrin alpha-PS2 isoform X1 [Drosophila mirand
>gi|1036730926|ref|XP_017150472.1| PREDICTED: integrin alpha-PS2 isoform X1 [Drosophila mirand
>gi|1036730940|ref|XP_017150481.1| PREDICTED: integrin alpha-PS2 isoform X1 [Drosophila mirand
>gi|1036730959|ref|XP_017150488.1| PREDICTED: integrin alpha-PS2 isoform X1 [Drosophila mirand
>gi|1036730979|ref|XP_017150498.1| PREDICTED: integrin alpha-PS2 isoform X2 [Drosophila mirand
>gi|1036705657|ref|XP_017135737.1| PREDICTED: transmembrane protein 256 homolog [Drosophila mi
>gi|1036728452|ref|XP_017148976.1| PREDICTED: endothelin-converting enzyme 1 isoform X1 [Droso
>gi|1036728471|ref|XP 017148984.1| PREDICTED: endothelin-converting enzyme 1 isoform X2 [Droso
>gi|1036728532|ref|XP_017149017.1| PREDICTED: keratin, type I cytoskeletal 10 [Drosophila mirat
>gi|1036728585|ref|XP 017149055.1| PREDICTED: uncharacterized protein LOC108159922 [Drosophila
>gi|1036728568|ref|XP_017149042.1| PREDICTED: uncharacterized protein LOC108159916 [Drosophila
>gi|1036728550|ref|XP_017149031.1| PREDICTED: uncharacterized protein LOC108159907 [Drosophila
>gi|1036728509|ref|XP_017149006.1| PREDICTED: uncharacterized protein LOC108159887 isoform X2
>gi|1036728490|ref|XP_017148997.1| PREDICTED: uncharacterized protein LOC108159887 isoform X1
>gi|1036728604|ref|XP_017149068.1| PREDICTED: transforming growth factor beta-1-induced transc
>gi|1036728621|ref|XP_017149076.1| PREDICTED: transforming growth factor beta-1-induced transc
>gi|1036747573|ref|XP_017156177.1| PREDICTED: uncharacterized protein LOC108164772 [Drosophila
>gi|1036747631|ref|XP_017156180.1| PREDICTED: carboxypeptidase D-like isoform X3 [Drosophila m
>gi|1036747612|ref|XP_017156179.1| PREDICTED: carboxypeptidase D-like isoform X2 [Drosophila m
>gi|1036747591|ref|XP_017156178.1| PREDICTED: carboxypeptidase D-like isoform X1 [Drosophila m
>gi|1036747666|ref|XP_017156182.1| PREDICTED: carboxypeptidase D-like isoform X5 [Drosophila m
>gi|1036747649|ref|XP_017156181.1| PREDICTED: carboxypeptidase D-like isoform X4 [Drosophila m
>gi|1036747722|ref|XP 017156186.1| PREDICTED: serine protease SP24D-like [Drosophila miranda]
>gi|1036747760|ref|XP_017156188.1| PREDICTED: serine protease SP24D-like [Drosophila miranda]
>gi|1036747685|ref|XP_017156183.1| PREDICTED: trypsin beta-like [Drosophila miranda]
>gi|1036747741|ref|XP_017156187.1| PREDICTED: chymotrypsin-1-like [Drosophila miranda]
>gi|1036747704|ref|XP_017156184.1| PREDICTED: serine protease SP24D-like [Drosophila miranda]
>gi|1036717598|ref|XP_017143079.1| PREDICTED: transmembrane GTPase Marf isoform X3 [Drosophila
>gi|1036717579|ref|XP_017143072.1| PREDICTED: transmembrane GTPase Marf isoform X2 [Drosophila
>gi|1036717554|ref|XP_017143062.1| PREDICTED: transmembrane GTPase Marf isoform X1 [Drosophila
>gi|1036717617|ref|XP_017143092.1| PREDICTED: probable citrate synthase, mitochondrial isoform
>gi|1036717628|ref|XP_017143101.1| PREDICTED: probable citrate synthase, mitochondrial isoform
>gi|1036717647|ref|XP_017143110.1| PREDICTED: probable citrate synthase, mitochondrial isoform
>gi|1036717694|ref|XP_017143135.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036717712|ref|XP_017143143.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036717676|ref|XP_017143123.1| PREDICTED: zinc finger protein 624 [Drosophila miranda]
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>gi|1036734492|ref|XP_017152219.1| PREDICTED: retinol dehydrogenase 12 [Drosophila miranda]
>gi|1036734510|ref|XP_017152232.1| PREDICTED: LOW QUALITY PROTEIN: probable myosin light chain
>gi|1036734427|ref|XP_017152198.1| PREDICTED: nascent polypeptide-associated complex subunit a
>gi|1036734445|ref|XP_017152206.1| PREDICTED: nascent polypeptide-associated complex subunit a
>gi|1036734526|ref|XP 017152246.1| PREDICTED: ubiquitin-conjugating enzyme E2-22 kDa-like [Dro
>gi|1036755381|ref|XP_017156613.1| PREDICTED: alpha-tocopherol transfer protein [Drosophila mi
>gi|1036713245|ref|XP_017140494.1| PREDICTED: E3 ubiquitin-protein ligase highwire isoform X2
>gi|1036713228|ref|XP_017140487.1| PREDICTED: E3 ubiquitin-protein ligase highwire isoform X1
>gi|1036713262|ref|XP_017140506.1| PREDICTED: uncharacterized protein LOC108154673 [Drosophila
>gi|1036713278|ref|XP_017140517.1| PREDICTED: uncharacterized protein LOC108154684 [Drosophila
>gi|1036713295|ref|XP_017140527.1| PREDICTED: uncharacterized protein LOC108154684 [Drosophila
>gi|1036746647|ref|XP_017156121.1| PREDICTED: transmembrane emp24 domain-containing protein 5
>gi|1036746666|ref|XP_017156122.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1036728171|ref|XP_017148819.1| PREDICTED: probable DNA replication complex GINS protein PS
>gi|1036728149|ref|XP_017148809.1| PREDICTED: protein FAM57B [Drosophila miranda]
>gi|1036698255|ref|XP 017137402.1| PREDICTED: uncharacterized protein LOC108152276 [Drosophila
>gi|1036728131|ref|XP_017148795.1| PREDICTED: proline-rich protein 36 [Drosophila miranda]
>gi|1036729098|ref|XP 017149359.1| PREDICTED: plexin domain-containing protein 2 [Drosophila m
>gi|1036729135|ref|XP_017149386.1| PREDICTED: perlucin-like [Drosophila miranda]
>gi|1036729116|ref|XP 017149373.1| PREDICTED: accessory gland protein Acp29AB-like [Drosophila
>gi|1036754428|ref|XP_017156557.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036745181|ref|XP 017156032.1| PREDICTED: putative hydroxypyruvate isomerase [Drosophila m
>gi|1036745162|ref|XP_017156031.1| PREDICTED: uncharacterized protein LOC108164680 [Drosophila
>gi|1036709629|ref|XP_017138340.1| PREDICTED: serine/threonine-protein phosphatase 4 catalytic
>gi|1036709870|ref|XP_017138492.1| PREDICTED: general odorant-binding protein 19d [Drosophila i
>gi|1036709817|ref|XP_017138456.1| PREDICTED: general odorant-binding protein 56a [Drosophila 1
>gi|1036709851|ref|XP_017138479.1| PREDICTED: uncharacterized protein LOC108153179 [Drosophila
>gi|1036709887|ref|XP_017138504.1| PREDICTED: general odorant-binding protein 19a [Drosophila i
>gi|1036709921|ref|XP_017138528.1| PREDICTED: putative 60S ribosomal protein L33 [Drosophila m
>gi|1036709733|ref|XP_017138401.1| PREDICTED: uncharacterized protein LOC108153120 [Drosophila
>gi|1036709646|ref|XP_017138352.1| PREDICTED: probable E3 ubiquitin-protein ligase HERC2 [Dros
>gi|1036709716|ref|XP_017138388.1| PREDICTED: syntaxin-16 [Drosophila miranda]
>gi|1036709750|ref|XP_017138412.1| PREDICTED: RNA-binding protein pno1 [Drosophila miranda]
>gi|1036709767|ref|XP_017138426.1| PREDICTED: pre-rRNA-processing protein esf2-like [Drosophile]
>gi|1036709834|ref|XP 017138467.1| PREDICTED: AN1-type zinc finger protein 6 [Drosophila miran
>gi|1036709784|ref|XP_017138438.1| PREDICTED: uncharacterized protein LOC108153144 isoform X1
>gi|1036709800|ref|XP 017138445.1| PREDICTED: uncharacterized protein LOC108153144 isoform X2
>gi|1036709904|ref|XP_017138517.1| PREDICTED: sarcocystatin-A [Drosophila miranda]
>gi|1036709698|ref|XP_017138378.1| PREDICTED: protein msta [Drosophila miranda]
>gi|1036709665|ref|XP_017138358.1| PREDICTED: dihydropyrimidine dehydrogenase [NADP(+)] isofor
>gi|1036709682|ref|XP_017138366.1| PREDICTED: dihydropyrimidine dehydrogenase [NADP(+)] isofor
>gi|1036737111|ref|XP_017153732.1| PREDICTED: NCK-interacting protein with SH3 domain [Drosoph
>gi|1036730102|ref|XP_017149981.1| PREDICTED: protein will die slowly [Drosophila miranda]
>gi|1036730116|ref|XP_017149989.1| PREDICTED: protein will die slowly [Drosophila miranda]
>gi|1036730083|ref|XP_017149968.1| PREDICTED: pyruvate dehydrogenase E1 component subunit alph
>gi|1036730062|ref|XP_017149958.1| PREDICTED: probable pyruvate dehydrogenase E1 component sub
>gi|1036730009|ref|XP_017149929.1| PREDICTED: uncharacterized protein LOC108160432 [Drosophila
>gi|1036730024|ref|XP_017149937.1| PREDICTED: uncharacterized protein LOC108160432 [Drosophila
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>gi|1036730043|ref|XP_017149945.1| PREDICTED: uncharacterized protein LOC108160432 [Drosophila
>gi|1036706663|ref|XP_017136472.1| PREDICTED: uncharacterized protein LOC108152006 [Drosophila
>gi|1036703804|ref|XP_017157172.1| PREDICTED: E3 ubiquitin-protein ligase RNF185-like [Drosoph
>gi|1036757871|ref|XP_017156746.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1036706143|ref|XP 017136103.1| PREDICTED: uncharacterized protein LOC108151766 [Drosophila
>gi|1036706436|ref|XP_017136302.1| PREDICTED: Krueppel-like factor 6 [Drosophila miranda]
>gi|1036747885|ref|XP 017156195.1| PREDICTED: general transcription factor IIH subunit 3-like
>gi|1036747864|ref|XP_017156194.1| PREDICTED: uncharacterized protein LOC108164786 [Drosophila
>gi|1036747848|ref|XP_017156193.1| PREDICTED: serine-rich adhesin for platelets [Drosophila mi
>gi|1036699871|ref|XP_017145044.1| PREDICTED: uncharacterized protein LOC108157453 [Drosophila
>gi|1036739368|ref|XP_017154956.1| PREDICTED: glycine receptor subunit alpha-4 [Drosophila mire
>gi|1036739384|ref|XP_017154969.1| PREDICTED: zinc finger protein 391 isoform X1 [Drosophila m
>gi|1036739400|ref|XP_017154977.1| PREDICTED: gastrula zinc finger protein X1CGF8.2DB isoform
>gi|1036699886|ref|XP_017145164.1| PREDICTED: nardilysin [Drosophila miranda]
>gi|1036719418|ref|XP_017144118.1| PREDICTED: nardilysin-like isoform X1 [Drosophila miranda]
>gi|1036719436|ref|XP_017144126.1| PREDICTED: nardilysin-like isoform X2 [Drosophila miranda]
>gi|1036719399|ref|XP_017144106.1| PREDICTED: copper-transporting ATPase 1 isoform X2 [Drosoph
>gi|1036719380|ref|XP_017144097.1| PREDICTED: copper-transporting ATPase 1 isoform X1 [Drosoph
>gi|1036741195|ref|XP_017155813.1| PREDICTED: replication protein A 14 kDa subunit A [Drosophi
>gi|1036741177|ref|XP_017155812.1| PREDICTED: ATP-binding cassette sub-family F member 1 [Dros
>gi|1036712680|ref|XP_017140170.1| PREDICTED: circadian locomoter output cycles protein kaput
>gi|1036712646|ref|XP_017140150.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X2 [Drop
>gi|1036712663|ref|XP_017140158.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X3 [Dros
>gi|1036712629|ref|XP_017140142.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X1 [Dros
>gi|1036712714|ref|XP_017140190.1| PREDICTED: uncharacterized protein LOC108154429 [Drosophila
>gi|1036712697|ref|XP_017140180.1| PREDICTED: lysophosphatidylcholine acyltransferase [Drosoph
>gi|1036740908|ref|XP_017155798.1| PREDICTED: cubilin homolog [Drosophila miranda]
>gi|1036740924|ref|XP_017155799.1| PREDICTED: lon protease homolog, mitochondrial-like [Drosop
>gi|1036703949|ref|XP_017134599.1| PREDICTED: uncharacterized protein LOC108150803 [Drosophila
>gi|1036707589|ref|XP_017137082.1| PREDICTED: LOW QUALITY PROTEIN: glycine-rich cell wall stru-
>gi|1036725363|ref|XP_017147111.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725306|ref|XP_017147084.1| PREDICTED: ral GTPase-activating protein subunit beta isoform
>gi|1036725287|ref|XP 017147076.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725269|ref|XP_017147066.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725251|ref|XP 017147058.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725327|ref|XP_017147093.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725346|ref|XP 017147102.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725399|ref|XP_017147141.1| PREDICTED: uncharacterized protein LOC108158881 [Drosophila
>gi|1036699905|ref|XP_017145282.1| PREDICTED: skin secretory protein xP2 [Drosophila miranda]
>gi|1036725382|ref|XP_017147125.1| PREDICTED: ATP synthase subunit delta, mitochondrial [Droso
>gi|1036723542|ref|XP_017146018.1| PREDICTED: LOW QUALITY PROTEIN: nuclear envelope integral m
>gi|1036723561|ref|XP_017146029.1| PREDICTED: uncharacterized protein LOC108158297 [Drosophila
>gi|1036723580|ref|XP_017146039.1| PREDICTED: uncharacterized protein LOC108158307 [Drosophila
>gi|1036707251|ref|XP_017136854.1| PREDICTED: kunitz-type serine protease inhibitor textilining
>gi|1036732685|ref|XP_017151265.1| PREDICTED: myc protein [Drosophila miranda]
>gi|1036699920|ref|XP_017145517.1| PREDICTED: uncharacterized protein LOC108157795 [Drosophila
>gi|1036747236|ref|XP_017156157.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X3 [Di
>gi|1036747251|ref|XP_017156158.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X3 [Di
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>gi|1036747167|ref|XP_017156153.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X1 [Di
>gi|1036747184|ref|XP_017156154.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X1 [Di
>gi|1036747203|ref|XP_017156155.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X1 [Di
>gi|1036747272|ref|XP_017156159.1| PREDICTED: uncharacterized protein LOC108164760 [Drosophila
>gi|1036747220|ref|XP_017156156.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X2 [Di
>gi|1036755573|ref|XP_017156620.1| PREDICTED: glutaredoxin domain-containing cysteine-rich pro-
>gi|1036705085|ref|XP 017135370.1| PREDICTED: calumenin-B-like [Drosophila miranda]
>gi|1036750995|ref|XP_017156352.1| PREDICTED: sodium-dependent neutral amino acid transporter
>gi|1036726707|ref|XP_017147957.1| PREDICTED: alanyl-tRNA editing protein Aarsd1-B [Drosophila
>gi|1036726757|ref|XP_017147996.1| PREDICTED: uncharacterized protein C19orf52 [Drosophila mire
>gi|1036726776|ref|XP_017148004.1| PREDICTED: uncharacterized protein C19orf52 [Drosophila mire
>gi|1036726795|ref|XP_017148013.1| PREDICTED: uncharacterized protein C19orf52 [Drosophila mire
>gi|1036726740|ref|XP_017147981.1| PREDICTED: uncharacterized protein LOC108159314 [Drosophila
>gi|1036726814|ref|XP_017148024.1| PREDICTED: 40S ribosomal protein S28 [Drosophila miranda]
>gi|1036726723|ref|XP_017147969.1| PREDICTED: translocon-associated protein subunit alpha [Dros
>gi|1036699936|ref|XP_017145583.1| PREDICTED: LOW QUALITY PROTEIN: ran GTPase-activating prote
>gi|1036737740|ref|XP_017154082.1| PREDICTED: uncharacterized protein LOC108163349 [Drosophila
>gi|1036737720|ref|XP_017154072.1| PREDICTED: uncharacterized protein LOC108163342 [Drosophila
>gi|1036706351|ref|XP_017136241.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop
>gi|1036713311|ref|XP 017140538.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1036745613|ref|XP_017156058.1| PREDICTED: B-cell CLL/lymphoma 7 protein family member A [D:
>gi|1036720303|ref|XP 017144564.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036720350|ref|XP_017144580.1| PREDICTED: palmitoyltransferase ZDHHC5 isoform X3 [Drosophi
>gi|1036720322|ref|XP_017144572.1| PREDICTED: neurogenic protein mastermind isoform X2 [Drosop.
>gi|1036720369|ref|XP_017144589.1| PREDICTED: palmitoyltransferase ZDHHC5 isoform X4 [Drosophi
>gi|1036720407|ref|XP_017144605.1| PREDICTED: probable protein S-acyltransferase 2 isoform X6
>gi|1036720426|ref|XP_017144613.1| PREDICTED: palmitoyltransferase ZDHHC9 isoform X7 [Drosophi
>gi|1036720390|ref|XP_017144597.1| PREDICTED: neurogenic protein mastermind isoform X5 [Drosop
>gi|1036720285|ref|XP_017144552.1| PREDICTED: von Willebrand factor A domain-containing protein
>gi|1036720507|ref|XP_017144658.1| PREDICTED: protein CWC15 homolog [Drosophila miranda]
>gi|1036720445|ref|XP_017144625.1| PREDICTED: protein lozenge [Drosophila miranda]
>gi|1036720465|ref|XP_017144636.1| PREDICTED: protein lozenge [Drosophila miranda]
>gi|1036720485|ref|XP_017144645.1| PREDICTED: protein lozenge [Drosophila miranda]
>gi|1036731878|ref|XP_017150882.1| PREDICTED: maestro heat-like repeat-containing protein family
>gi|1036731897|ref|XP 017150893.1| PREDICTED: aladin [Drosophila miranda]
>gi|1036703130|ref|XP_017156793.1| PREDICTED: uncharacterized protein LOC108165265 isoform X1
>gi|1036703149|ref|XP 017156798.1| PREDICTED: uncharacterized protein LOC108165265 isoform X2
>gi|1036702601|ref|XP_017156471.1| PREDICTED: CXXC-type zinc finger protein 1-like [Drosophila
>gi|1036702454|ref|XP_017156392.1| PREDICTED: uncharacterized protein LOC108164915 isoform X1
>gi|1036702470|ref|XP_017156400.1| PREDICTED: uncharacterized protein LOC108164915 isoform X1
>gi|1036702487|ref|XP_017156408.1| PREDICTED: uncharacterized protein LOC108164915 isoform X2
>gi|1036702617|ref|XP_017156484.1| PREDICTED: synembryn [Drosophila miranda]
>gi|1036702567|ref|XP 017156450.1| PREDICTED: kelch-like protein 5 isoform X1 [Drosophila mirat
>gi|1036702584|ref|XP_017156459.1| PREDICTED: kelch-like protein 5 isoform X2 [Drosophila mirate
>gi|1036702649|ref|XP_017156509.1| PREDICTED: dual specificity mitogen-activated protein kinas
>gi|1036702633|ref|XP_017156497.1| PREDICTED: uncharacterized protein LOC108164982 [Drosophila
>gi|1036699953|ref|XP_017145690.1| PREDICTED: LOW QUALITY PROTEIN: pickpocket protein 28 [Dros
>gi|1036702506|ref|XP_017156419.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X1 [Droso
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>gi|1036702552|ref|XP_017156436.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X3 [Droso
>gi|1036702535|ref|XP_017156427.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X2 [Droso
>gi|1036702666|ref|XP_017156522.1| PREDICTED: uncharacterized protein LOC108164998 [Drosophila
>gi|1036702437|ref|XP_017156381.1| PREDICTED: sodium/potassium-transporting ATPase subunit alp
>gi|1036702405|ref|XP_017156358.1| PREDICTED: dual specificity mitogen-activated protein kinas
>gi|1036702390|ref|XP_017156350.1| PREDICTED: dual specificity mitogen-activated protein kinas
>gi|1036702421|ref|XP_017156368.1| PREDICTED: dual specificity mitogen-activated protein kinas
>gi|1036702753|ref|XP_017156573.1| PREDICTED: dual specificity mitogen-activated protein kinas
>gi|1036702772|ref|XP_017156585.1| PREDICTED: probable alpha-aspartyl dipeptidase [Drosophila i
>gi|1036702698|ref|XP_017156540.1| PREDICTED: chondroitin sulfate glucuronyltransferase [Droso
>gi|1036702787|ref|XP_017156599.1| PREDICTED: soma ferritin [Drosophila miranda]
>gi|1036702717|ref|XP_017156550.1| PREDICTED: actin-related protein 6 [Drosophila miranda]
>gi|1036702838|ref|XP_017156627.1| PREDICTED: iron-sulfur cluster assembly 1 homolog, mitochon
>gi|1036702821|ref|XP_017156619.1| PREDICTED: iron-sulfur cluster assembly 1 homolog, mitochon
>gi|1036702804|ref|XP_017156609.1| PREDICTED: DNL-type zinc finger protein [Drosophila miranda]
>gi|1036702734|ref|XP_017156562.1| PREDICTED: uncharacterized protein LOC108165033 [Drosophila
>gi|1036717242|ref|XP_017142900.1| PREDICTED: E3 ubiquitin-protein ligase HUWE1 isoform X2 [Drefletten | National Content | Nat
>gi|1036717301|ref|XP_017142927.1| PREDICTED: E3 ubiquitin-protein ligase HUWE1 isoform X5 [Dr
>gi|1036717263|ref|XP_017142909.1| PREDICTED: E3 ubiquitin-protein ligase HUWE1 isoform X3 [Dr
>gi|1036717224|ref|XP_017142892.1| PREDICTED: E3 ubiquitin-protein ligase HUWE1 isoform X1 [Dr
>gi|1036717322|ref|XP_017142938.1| PREDICTED: DNA-directed RNA polymerases I, II, and III subu
>gi|1036753514|ref|XP_017156503.1| PREDICTED: uncharacterized protein LOC108164988 [Drosophila
>gi|1036736826|ref|XP_017153559.1| PREDICTED: ATP-binding cassette sub-family F member 2 [Drose
>gi|1036748164|ref|XP_017156208.1| PREDICTED: uncharacterized protein LOC108164795 [Drosophila
>gi|1036734022|ref|XP_017151984.1| PREDICTED: CDP-diacylglycerol--inositol 3-phosphatidyltrans
>gi|1036734041|ref|XP_017151997.1| PREDICTED: mitochondrial inner membrane protease subunit 1
>gi|1036733966|ref|XP_017151952.1| PREDICTED: nudix hydrolase 8 [Drosophila miranda]
>gi|1036733985|ref|XP_017151962.1| PREDICTED: nudix hydrolase 8 [Drosophila miranda]
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>gi|1036699966|ref|XP_017145814.1| PREDICTED: uncharacterized protein LOC108158109 [Drosophila
>gi|1036755682|ref|XP_017156626.1| PREDICTED: uncharacterized protein LOC108165086 [Drosophila
>gi|1036699987|ref|XP_017145930.1| PREDICTED: visual system homeobox 2, partial [Drosophila mi
>gi|1036750499|ref|XP_017156323.1| PREDICTED: homeotic protein ocelliless isoform X3 [Drosophi
>gi|1036750518|ref|XP 017156324.1| PREDICTED: homeotic protein ocelliless isoform X4 [Drosophi
>gi|1036750537|ref|XP_017156325.1| PREDICTED: uncharacterized protein LOC108164886 [Drosophila
>gi|1036750460|ref|XP 017156320.1| PREDICTED: diencephalon/mesencephalon homeobox protein 1 is
>gi|1036750477|ref|XP_017156321.1| PREDICTED: diencephalon/mesencephalon homeobox protein 1 is
>gi|1036750442|ref|XP_017156319.1| PREDICTED: uncharacterized protein LOC108164884 [Drosophila
>gi|1036750425|ref|XP_017156318.1| PREDICTED: N-chimaerin [Drosophila miranda]
>gi|1036736551|ref|XP_017153409.1| PREDICTED: myosin-2 essential light chain isoform X2 [Droso
>gi|1036736538|ref|XP_017153400.1| PREDICTED: myosin-2 essential light chain isoform X1 [Droso
>gi|1036736486|ref|XP_017153372.1| PREDICTED: ribonucleases P/MRP protein subunit POP1 [Drosop
>gi|1036736505|ref|XP_017153381.1| PREDICTED: ribonucleases P/MRP protein subunit POP1 [Drosop
>gi|1036736522|ref|XP_017153389.1| PREDICTED: ribonucleases P/MRP protein subunit POP1 [Drosop
>gi|1036737952|ref|XP_017154196.1| PREDICTED: uncharacterized protein LOC108163366 isoform X12
>gi|1036737883|ref|XP_017154162.1| PREDICTED: uncharacterized protein LOC108163366 isoform X8
>gi|1036737936|ref|XP_017154186.1| PREDICTED: uncharacterized protein LOC108163366 isoform X11
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>gi|1036737811|ref|XP 017154129.1| PREDICTED: uncharacterized protein LOC108163366 isoform X4
>gi|1036737849|ref|XP_017154146.1| PREDICTED: uncharacterized protein LOC108163366 isoform X6
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>gi|1036737793|ref|XP_017154122.1| PREDICTED: uncharacterized protein LOC108163366 isoform X3
>gi|1036737829|ref|XP 017154137.1| PREDICTED: uncharacterized protein LOC108163366 isoform X5
>gi|1036737775|ref|XP_017154117.1| PREDICTED: uncharacterized protein LOC108163366 isoform X2
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>gi|1036737970|ref|XP_017154204.1| PREDICTED: uncharacterized protein LOC108163366 isoform X13
>gi|1036737918|ref|XP_017154178.1| PREDICTED: uncharacterized protein LOC108163366 isoform X10
>gi|1036737901|ref|XP_017154170.1| PREDICTED: uncharacterized protein LOC108163366 isoform X9
>gi|1036749952|ref|XP_017156295.1| PREDICTED: uncharacterized protein LOC108164866 isoform X2
>gi|1036749879|ref|XP_017156290.1| PREDICTED: uncharacterized protein LOC108164866 isoform X1
>gi|1036749897|ref|XP_017156291.1| PREDICTED: uncharacterized protein LOC108164866 isoform X1
>gi|1036749916|ref|XP_017156293.1| PREDICTED: uncharacterized protein LOC108164866 isoform X1
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>gi|1036749971|ref|XP_017156296.1| PREDICTED: uncharacterized protein LOC108164866 isoform X3
>gi|1036753758|ref|XP_017156517.1| PREDICTED: ras-related protein Rab-21 [Drosophila miranda]
>gi|1036729882|ref|XP_017149826.1| PREDICTED: alpha-(1,3)-fucosyltransferase C [Drosophila mire
>gi|1036729901|ref|XP_017149833.1| PREDICTED: alpha-(1,3)-fucosyltransferase C [Drosophila mire
>gi|1036729924|ref|XP 017149842.1| PREDICTED: alpha-(1,3)-fucosyltransferase C [Drosophila mire
>gi|1036729747|ref|XP_017149758.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729765|ref|XP 017149767.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729784|ref|XP_017149775.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729805|ref|XP 017149784.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729821|ref|XP_017149796.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729842|ref|XP_017149805.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729859|ref|XP_017149813.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729730|ref|XP_017149745.1| PREDICTED: protein stoned-B [Drosophila miranda]
>gi|1036756763|ref|XP_017156689.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036756746|ref|XP_017156688.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036704064|ref|XP_017134668.1| PREDICTED: uncharacterized protein LOC108150871 [Drosophila
>gi|1036705831|ref|XP_017135865.1| PREDICTED: 39 kDa FK506-binding nuclear protein-like [Droso
>gi|1036700002|ref|XP_017146043.1| PREDICTED: chaoptin [Drosophila miranda]
>gi|1036751789|ref|XP_017156396.1| PREDICTED: uncharacterized protein LOC108164921 [Drosophila
>gi|1036751771|ref|XP 017156395.1| PREDICTED: uncharacterized protein LOC108164920 [Drosophila
>gi|1036735990|ref|XP_017153071.1| PREDICTED: protein folded gastrulation [Drosophila miranda]
>gi|1036736007|ref|XP 017153079.1| PREDICTED: protein folded gastrulation [Drosophila miranda]
>gi|1036736023|ref|XP_017153087.1| PREDICTED: protein folded gastrulation [Drosophila miranda]
>gi|1036757551|ref|XP_017156731.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
>gi|1036706245|ref|XP_017136170.1| PREDICTED: uncharacterized protein LOC108151818 [Drosophila
>gi|1036754546|ref|XP_017156564.1| PREDICTED: uncharacterized protein LOC108165038 [Drosophila
>gi|1036754565|ref|XP_017156565.1| PREDICTED: uncharacterized protein LOC108165038 [Drosophila
>gi|1036739929|ref|XP 017155271.1| PREDICTED: uncharacterized protein LOC108164168 isoform X1
>gi|1036739946|ref|XP_017155280.1| PREDICTED: uncharacterized protein LOC108164168 isoform X2
>gi|1036739964|ref|XP_017155291.1| PREDICTED: uncharacterized protein LOC108164181 isoform X1
>gi|1036739982|ref|XP_017155298.1| PREDICTED: uncharacterized protein LOC108164181 isoform X2
>gi|1036740000|ref|XP_017155307.1| PREDICTED: uncharacterized protein LOC108164181 isoform X2
>gi|1036740074|ref|XP_017155347.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
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>gi|1036740096|ref|XP_017155355.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
>gi|1036740114|ref|XP_017155363.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
>gi|1036740132|ref|XP_017155369.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
>gi|1036740150|ref|XP_017155373.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
>gi|1036740164|ref|XP 017155383.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
>gi|1036740182|ref|XP_017155391.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
>gi|1036740198|ref|XP 017155397.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
>gi|1036740216|ref|XP_017155404.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
>gi|1036740022|ref|XP_017155320.1| PREDICTED: probable isoaspartyl peptidase/L-asparaginase GA
>gi|1036740056|ref|XP_017155339.1| PREDICTED: UPF0454 protein C12orf49 homolog isoform X2 [Dros
>gi|1036740040|ref|XP_017155331.1| PREDICTED: UPF0454 protein C12orf49 homolog isoform X1 [Dros
>gi|1036715291|ref|XP_017141775.1| PREDICTED: dnaJ homolog subfamily C member 25 homolog [Dros
>gi|1036715255|ref|XP_017141751.1| PREDICTED: neurotrophin receptor-interacting factor homolog
>gi|1036715272|ref|XP_017141763.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036715165|ref|XP_017141706.1| PREDICTED: chondroitin sulfate synthase 1 isoform X1 [Droso
>gi|1036715184|ref|XP_017141716.1| PREDICTED: chondroitin sulfate synthase 1 isoform X1 [Droso
>gi|1036715203|ref|XP_017141723.1| PREDICTED: chondroitin sulfate synthase 1 isoform X1 [Droso
>gi|1036715219|ref|XP_017141732.1| PREDICTED: chondroitin sulfate synthase 3 isoform X2 [Droso
>gi|1036715237|ref|XP_017141740.1| PREDICTED: chondroitin sulfate synthase 3 isoform X3 [Droso
>gi|1036733508|ref|XP 017151672.1| PREDICTED: dorsal-ventral patterning protein Sog [Drosophile
>gi|1036754675|ref|XP_017156571.1| PREDICTED: uncharacterized protein LOC108165044 [Drosophila
>gi|1036706604|ref|XP 017136411.1| PREDICTED: uncharacterized protein LOC108151968 [Drosophila
>gi|1036700017|ref|XP_017146158.1| PREDICTED: uncharacterized protein LOC108158376 [Drosophila
>gi|1036700032|ref|XP_017146280.1| PREDICTED: endothelin-converting enzyme-like 1 [Drosophila 1
>gi|1036753950|ref|XP_017156529.1| PREDICTED: sex peptide receptor [Drosophila miranda]
>gi|1036700047|ref|XP_017146420.1| PREDICTED: mitochondrial import receptor subunit TOM70-like
>gi|1036751051|ref|XP_017156355.1| PREDICTED: hornerin [Drosophila miranda]
>gi|1036751070|ref|XP_017156356.1| PREDICTED: lysozyme [Drosophila miranda]
>gi|1036733076|ref|XP_017151440.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 16 isoform
>gi|1036733060|ref|XP_017151433.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 16 isoform
>gi|1036711610|ref|XP_017139576.1| PREDICTED: serine/threonine-protein kinase Smg1 isoform X1
>gi|1036711629|ref|XP_017139583.1| PREDICTED: serine/threonine-protein kinase Smg1 isoform X2
>gi|1036711646|ref|XP_017139594.1| PREDICTED: beta-1 adrenergic receptor [Drosophila miranda]
>gi|1036711663|ref|XP_017139604.1| PREDICTED: 40S ribosomal protein S23-like [Drosophila miran-
>gi|1036711733|ref|XP 017139642.1| PREDICTED: E3 ubiquitin-protein ligase ZNRF2 [Drosophila mi
>gi|1036711748|ref|XP_017139649.1| PREDICTED: E3 ubiquitin-protein ligase ZNRF2 [Drosophila mi
>gi|1036711680|ref|XP_017139615.1| PREDICTED: TATA element modulatory factor isoform X1 [Droso
>gi|1036711697|ref|XP_017139622.1| PREDICTED: TATA element modulatory factor isoform X2 [Droso
>gi|1036711716|ref|XP_017139632.1| PREDICTED: chitinase-3-like protein 1 [Drosophila miranda]
>gi|1036711761|ref|XP_017139663.1| PREDICTED: tRNA 2'-phosphotransferase 1 [Drosophila miranda]
>gi|1036742934|ref|XP_017155914.1| PREDICTED: zinc finger protein 236 [Drosophila miranda]
>gi|1036700064|ref|XP_017146550.1| PREDICTED: mitochondrial import receptor subunit TOM70-like
>gi|1036706469|ref|XP_017136323.1| PREDICTED: probable serine/threonine-protein kinase mps1 [Di
>gi|1036727380|ref|XP_017148366.1| PREDICTED: glutathione synthetase-like isoform X1 [Drosophi
>gi|1036727398|ref|XP_017148376.1| PREDICTED: glutathione synthetase-like isoform X1 [Drosophi
>gi|1036727417|ref|XP_017148383.1| PREDICTED: glutathione synthetase-like isoform X2 [Drosophi
>gi|1036727436|ref|XP_017148392.1| PREDICTED: glutathione synthetase-like isoform X3 [Drosophi
>gi|1036727472|ref|XP_017148404.1| PREDICTED: glutathione synthetase-like isoform X4 [Drosophi
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>gi|1036727489|ref|XP 017148418.1| PREDICTED: LOW QUALITY PROTEIN: mitochondrial fission proce
>gi|1036727507|ref|XP_017148434.1| PREDICTED: hsc70-interacting protein 1-like [Drosophila mire
>gi|1036754331|ref|XP_017156551.1| PREDICTED: uncharacterized protein LOC108165026 [Drosophila
>gi|1036754348|ref|XP_017156552.1| PREDICTED: uncharacterized protein LOC108165026 [Drosophila
>gi|1036723616|ref|XP 017146054.1| PREDICTED: uncharacterized protein LOC108158321 isoform X1
>gi|1036723632|ref|XP_017146061.1| PREDICTED: uncharacterized protein LOC108158321 isoform X2
>gi|1036723650|ref|XP 017146070.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036700080|ref|XP_017146676.1| PREDICTED: mucin-19-like [Drosophila miranda]
>gi|1036703230|ref|XP_017156829.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
>gi|1036718884|ref|XP_017143802.1| PREDICTED: malate dehydrogenase-like [Drosophila miranda]
>gi|1036718865|ref|XP_017143788.1| PREDICTED: malate dehydrogenase, mitochondrial-like [Drosop
>gi|1036718827|ref|XP_017143762.1| PREDICTED: uncharacterized protein LOC108156656 [Drosophila
>gi|1036718846|ref|XP_017143776.1| PREDICTED: mitoguardin [Drosophila miranda]
>gi|1036718904|ref|XP_017143816.1| PREDICTED: uncharacterized protein LOC108156683 [Drosophila
>gi|1036711076|ref|XP_017139312.1| PREDICTED: uncharacterized protein LOC108153694 [Drosophila
>gi|1036711106|ref|XP_017139334.1| PREDICTED: GPI transamidase component PIG-T [Drosophila mire
>gi|1036711085|ref|XP_017139323.1| PREDICTED: trithorax group protein osa [Drosophila miranda]
>gi|1036711121|ref|XP_017139346.1| PREDICTED: CTD nuclear envelope phosphatase 1 homolog isofo
>gi|1036711138|ref|XP_017139353.1| PREDICTED: CTD nuclear envelope phosphatase 1 homolog isofo
>gi|1036736902|ref|XP 017153613.1| PREDICTED: SRA stem-loop-interacting RNA-binding protein, m
>gi|1036736882|ref|XP_017153600.1| PREDICTED: acyl-CoA-binding domain-containing protein 6 [Dr
>gi|1036736864|ref|XP_017153585.1| PREDICTED: 26S protease regulatory subunit 8 [Drosophila mi
>gi|1036736845|ref|XP_017153572.1| PREDICTED: ATP-binding cassette sub-family A member 2 [Dros
>gi|1036737563|ref|XP_017153983.1| PREDICTED: ATP-binding cassette sub-family A member 3 isofo
>gi|1036737579|ref|XP_017153992.1| PREDICTED: ATP-binding cassette sub-family A member 3 isofo
>gi|1036737598|ref|XP_017154001.1| PREDICTED: ATP-binding cassette sub-family A member 3 isofo
>gi|1036737618|ref|XP_017154008.1| PREDICTED: ATP-binding cassette sub-family A member 3 isofo
>gi|1036755855|ref|XP_017156637.1| PREDICTED: ATP-binding cassette sub-family A member 3 [Dros
>gi|1036739225|ref|XP_017154858.1| PREDICTED: loricrin isoform X1 [Drosophila miranda]
>gi|1036739243|ref|XP_017154866.1| PREDICTED: pro-resilin isoform X2 [Drosophila miranda]
>gi|1036705755|ref|XP_017135808.1| PREDICTED: uncharacterized protein LOC108151618 [Drosophila
>gi|1036730379|ref|XP_017150158.1| PREDICTED: ATP-binding cassette sub-family A member 7 isofo
>gi|1036730342|ref|XP_017150144.1| PREDICTED: ATP-binding cassette sub-family A member 13 isof
>gi|1036730360|ref|XP_017150150.1| PREDICTED: ATP-binding cassette sub-family A member 13 isof
>gi|1036730396|ref|XP 017150171.1| PREDICTED: NEDD8 ultimate buster 1 [Drosophila miranda]
>gi|1036730413|ref|XP_017150179.1| PREDICTED: NEDD8 ultimate buster 1 [Drosophila miranda]
>gi|1036730429|ref|XP 017150188.1| PREDICTED: NEDD8 ultimate buster 1 [Drosophila miranda]
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>gi|1036748871|ref|XP_017156234.1| PREDICTED: uncharacterized protein LOC108164823 [Drosophila
>gi|1036700097|ref|XP_017146813.1| PREDICTED: uncharacterized protein LOC108158723 [Drosophila
>gi|1036700111|ref|XP_017146945.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036748890|ref|XP_017156235.1| PREDICTED: NEDD8-specific protease 2 [Drosophila miranda]
>gi|1036727782|ref|XP_017148596.1| PREDICTED: blood vessel epicardial substance isoform X3 [Droposition of the content of the 
>gi|1036727764|ref|XP_017148587.1| PREDICTED: blood vessel epicardial substance isoform X2 [Dref|XP_017148587.1]
>gi|1036727725|ref|XP_017148570.1| PREDICTED: blood vessel epicardial substance isoform X1 [Droposition of the content of the 
>gi|1036727707|ref|XP_017148558.1| PREDICTED: transcription factor kayak [Drosophila miranda]
>gi|1036735348|ref|XP_017152720.1| PREDICTED: dolichyl-diphosphooligosaccharide--protein glyco-
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>gi|1036735369|ref|XP 017152733.1| PREDICTED: uncharacterized protein LOC108162488 isoform X1
>gi|1036735388|ref|XP_017152741.1| PREDICTED: uncharacterized protein LOC108162488 isoform X2
>gi|1036744643|ref|XP_017156001.1| PREDICTED: cystathionine beta-synthase [Drosophila miranda]
>gi|1036734725|ref|XP_017152381.1| PREDICTED: microsomal glutathione S-transferase 1 isoform X
>gi|1036734706|ref|XP 017152371.1| PREDICTED: microsomal glutathione S-transferase 1 isoform X
>gi|1036734670|ref|XP_017152351.1| PREDICTED: uncharacterized protein LOC108162231 isoform X1
>gi|1036734688|ref|XP 017152360.1| PREDICTED: uncharacterized protein LOC108162231 isoform X2
>gi|1036734742|ref|XP_017152393.1| PREDICTED: probable nuclear transport factor 2 [Drosophila 1
>gi|1036739193|ref|XP_017154835.1| PREDICTED: zinc finger protein 134 [Drosophila miranda]
>gi|1036739209|ref|XP_017154848.1| PREDICTED: NAD(P)H-hydrate epimerase [Drosophila miranda]
>gi|1036739173|ref|XP_017154822.1| PREDICTED: RNA-binding protein NOB1 [Drosophila miranda]
>gi|1036720170|ref|XP_017144493.1| PREDICTED: trithorax group protein osa isoform X1 [Drosophi
>gi|1036720189|ref|XP_017144502.1| PREDICTED: collagen alpha-1(I) chain isoform X2 [Drosophila
>gi|1036720209|ref|XP_017144512.1| PREDICTED: collagen alpha-1(I) chain isoform X3 [Drosophila
>gi|1036720266|ref|XP_017144539.1| PREDICTED: uncharacterized protein LOC108157132 isoform X3
>gi|1036720229|ref|XP_017144523.1| PREDICTED: uncharacterized protein LOC108157132 isoform X1
>gi|1036720247|ref|XP_017144531.1| PREDICTED: uncharacterized protein LOC108157132 isoform X2
>gi|1036698274|ref|XP 017138640.1| PREDICTED: putative gustatory receptor 9a [Drosophila mirane
>gi|1036755801|ref|XP_017156634.1| PREDICTED: vitellogenin-1 [Drosophila miranda]
>gi|1036756202|ref|XP 017156656.1| PREDICTED: vitellogenin-2 [Drosophila miranda]
>gi|1036742628|ref|XP_017155897.1| PREDICTED: mucin-5AC isoform X7 [Drosophila miranda]
>gi|1036742610|ref|XP 017155895.1| PREDICTED: mucin-5AC isoform X6 [Drosophila miranda]
>gi|1036742538|ref|XP_017155891.1| PREDICTED: uncharacterized protein LOC108164581 isoform X2
>gi|1036742520|ref|XP_017155890.1| PREDICTED: uncharacterized protein LOC108164581 isoform X1
>gi|1036742592|ref|XP_017155894.1| PREDICTED: mucin-5AC isoform X5 [Drosophila miranda]
>gi|1036742557|ref|XP_017155892.1| PREDICTED: mucin-5AC isoform X3 [Drosophila miranda]
>gi|1036742644|ref|XP_017155898.1| PREDICTED: serine-rich adhesin for platelets isoform X8 [Dreference of the content of the c
>gi|1036742576|ref|XP_017155893.1| PREDICTED: mucin-5AC isoform X4 [Drosophila miranda]
>gi|1036739678|ref|XP_017155131.1| PREDICTED: DNA replication ATP-dependent helicase/nuclease
>gi|1036705629|ref|XP 017135713.1| PREDICTED: basic helix-loop-helix transcription factor scle
>gi|1036752664|ref|XP_017156449.1| PREDICTED: keratin, type I cytoskeletal 10 isoform X3 [Dros
>gi|1036752628|ref|XP_017156447.1| PREDICTED: keratin, type I cytoskeletal 10 isoform X1 [Dros
>gi|1036752701|ref|XP_017156452.1| PREDICTED: uncharacterized protein LOC108164957 isoform X5
>gi|1036752719|ref|XP_017156453.1| PREDICTED: uncharacterized protein LOC108164957 isoform X5
>gi|1036752645|ref|XP 017156448.1| PREDICTED: uncharacterized protein DDB G0280205 isoform X2
>gi|1036752682|ref|XP_017156451.1| PREDICTED: uncharacterized protein LOC108164957 isoform X4
>gi|1036752735|ref|XP 017156454.1| PREDICTED: uncharacterized protein LOC108164957 isoform X6
>gi|1036700126|ref|XP_017147072.1| PREDICTED: uncharacterized protein LOC108158833, partial [Di
>gi|1036755125|ref|XP_017156598.1| PREDICTED: uncharacterized protein LOC108165061 isoform X2
>gi|1036755087|ref|XP_017156596.1| PREDICTED: uncharacterized protein LOC108165061 isoform X1
>gi|1036755106|ref|XP_017156597.1| PREDICTED: uncharacterized protein LOC108165061 isoform X1
>gi|1036755069|ref|XP_017156595.1| PREDICTED: microfibril-associated glycoprotein 4 isoform X2
>gi|1036755050|ref|XP_017156594.1| PREDICTED: microfibril-associated glycoprotein 4 isoform X1
>gi|1036755014|ref|XP_017156592.1| PREDICTED: fibrinogen-like protein A isoform X1 [Drosophila
>gi|1036755031|ref|XP_017156593.1| PREDICTED: fibrinogen-like protein A isoform X2 [Drosophila
>gi|1036746190|ref|XP_017156091.1| PREDICTED: chitinase-like protein Idgf4 [Drosophila miranda]
>gi|1036700141|ref|XP_017147205.1| PREDICTED: lipoprotein lipase [Drosophila miranda]
>gi|1036756109|ref|XP_017156650.1| PREDICTED: endonuclease G, mitochondrial-like isoform X2 [Di
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>gi|1036756090|ref|XP_017156649.1| PREDICTED: endonuclease G, mitochondrial-like isoform X1 [Di
>gi|1036748145|ref|XP_017156207.1| PREDICTED: uncharacterized protein LOC108164794 [Drosophila
>gi|1036748126|ref|XP_017156205.1| PREDICTED: uncharacterized protein LOC108164793 [Drosophila
>gi|1036703416|ref|XP_017156936.1| PREDICTED: uncharacterized protein LOC108165405 [Drosophila
>gi|1036704401|ref|XP 017134870.1| PREDICTED: uncharacterized protein LOC108151018 [Drosophila
>gi|1036704907|ref|XP_017135229.1| PREDICTED: uncharacterized protein LOC108151237 [Drosophila
>gi|1036703114|ref|XP 017156773.1| PREDICTED: uncharacterized protein LOC108165243 [Drosophila
>gi|1036756583|ref|XP_017156679.1| PREDICTED: PERQ amino acid-rich with GYF domain-containing
>gi|1036704530|ref|XP_017134954.1| PREDICTED: uncharacterized protein LOC108151079 [Drosophila
>gi|1036754395|ref|XP_017156555.1| PREDICTED: uncharacterized protein LOC108165029 [Drosophila
>gi|1036754412|ref|XP_017156556.1| PREDICTED: uncharacterized protein LOC108165030 [Drosophila
>gi|1036754380|ref|XP_017156554.1| PREDICTED: serine protease easter [Drosophila miranda]
>gi|1036702984|ref|XP_017156713.1| PREDICTED: uncharacterized protein LOC108165154 isoform X1
>gi|1036703002|ref|XP_017156721.1| PREDICTED: uncharacterized protein LOC108165154 isoform X1
>gi|1036703018|ref|XP_017156728.1| PREDICTED: uncharacterized protein LOC108165154 isoform X2
>gi|1036751844|ref|XP_017156399.1| PREDICTED: carbonic anhydrase-related protein 10 [Drosophile
>gi|1036751880|ref|XP_017156402.1| PREDICTED: N-alpha-acetyltransferase 38, NatC auxiliary sub
>gi|1036751863|ref|XP_017156401.1| PREDICTED: N-alpha-acetyltransferase 38, NatC auxiliary sub
>gi|1036741596|ref|XP_017155839.1| PREDICTED: obg-like ATPase 1 [Drosophila miranda]
>gi|1036741615|ref|XP_017155840.1| PREDICTED: obg-like ATPase 1 [Drosophila miranda]
>gi|1036749185|ref|XP_017156252.1| PREDICTED: transcription factor Sp9 isoform X2 [Drosophila i
>gi|1036749152|ref|XP 017156250.1| PREDICTED: transcription factor Sp9 isoform X1 [Drosophila 1
>gi|1036749167|ref|XP_017156251.1| PREDICTED: transcription factor Sp9 isoform X1 [Drosophila i
>gi|1036745200|ref|XP_017156033.1| PREDICTED: transcription factor btd [Drosophila miranda]
>gi|1036720130|ref|XP_017144471.1| PREDICTED: histone acetyltransferase p300 isoform X1 [Droso
>gi|1036720150|ref|XP_017144480.1| PREDICTED: histone acetyltransferase p300 isoform X2 [Droso
>gi|1036754470|ref|XP_017156559.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036724778|ref|XP_017146786.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 9
>gi|1036724743|ref|XP_017146764.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 9
>gi|1036724761|ref|XP_017146775.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 9
>gi|1036731645|ref|XP_017150820.1| PREDICTED: E3 ubiquitin-protein ligase HECW2 isoform X1 [Dref|XP_017150820.1]
>gi|1036731681|ref|XP_017150825.1| PREDICTED: E3 ubiquitin-protein ligase HECW2 isoform X3 [Dref|XP_017150825.1]
>gi|1036731664|ref|XP_017150821.1| PREDICTED: E3 ubiquitin-protein ligase HECW2 isoform X2 [Dreflet | No. 100 | No. 
>gi|1036750209|ref|XP_017156308.1| PREDICTED: uncharacterized protein LOC108164874 [Drosophila
>gi|1036745509|ref|XP_017156052.1| PREDICTED: lysine--tRNA ligase isoform X1 [Drosophila miran
>gi|1036745525|ref|XP_017156053.1| PREDICTED: lysine--tRNA ligase isoform X2 [Drosophila miran-
>gi|1036717368|ref|XP 017142962.1| PREDICTED: probable histone-lysine N-methyltransferase CG17
>gi|1036717387|ref|XP_017142973.1| PREDICTED: fatty acid hydroxylase domain-containing protein
>gi|1036717406|ref|XP_017142985.1| PREDICTED: glutathione S-transferase theta-1 [Drosophila mi
>gi|1036744381|ref|XP_017155989.1| PREDICTED: kinesin-like protein Nod [Drosophila miranda]
>gi|1036744400|ref|XP_017155990.1| PREDICTED: uncharacterized protein LOC108164649 [Drosophila
>gi|1036753741|ref|XP_017156516.1| PREDICTED: nuclease [Drosophila miranda]
>gi|1036753650|ref|XP_017156511.1| PREDICTED: uncharacterized protein LOC108164995 isoform X1
>gi|1036753668|ref|XP_017156512.1| PREDICTED: uncharacterized protein LOC108164995 isoform X1
>gi|1036753686|ref|XP_017156513.1| PREDICTED: uncharacterized protein LOC108164995 isoform X1
>gi|1036753705|ref|XP_017156514.1| PREDICTED: uncharacterized protein LOC108164995 isoform X1
>gi|1036753724|ref|XP_017156515.1| PREDICTED: uncharacterized protein LOC108164995 isoform X2
>gi|1036724391|ref|XP_017146525.1| PREDICTED: uncharacterized protein LOC108158553 isoform X4
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>gi|1036724356|ref|XP_017146508.1| PREDICTED: uncharacterized protein LOC108158553 isoform X2
>gi|1036724373|ref|XP_017146516.1| PREDICTED: uncharacterized protein LOC108158553 isoform X3
>gi|1036724250|ref|XP_017146459.1| PREDICTED: uncharacterized protein LOC108158553 isoform X1
>gi|1036724270|ref|XP_017146469.1| PREDICTED: uncharacterized protein LOC108158553 isoform X1
>gi|1036724286|ref|XP 017146477.1| PREDICTED: uncharacterized protein LOC108158553 isoform X1
>gi|1036724305|ref|XP_017146487.1| PREDICTED: uncharacterized protein LOC108158553 isoform X1
>gi|1036724321|ref|XP 017146495.1| PREDICTED: uncharacterized protein LOC108158553 isoform X1
>gi|1036742663|ref|XP_017155899.1| PREDICTED: uncharacterized protein LOC108164583 [Drosophila
>gi|1036710962|ref|XP_017139235.1| PREDICTED: serine/threonine-protein kinase S6KL isoform X2
>gi|1036710945|ref|XP_017139228.1| PREDICTED: serine/threonine-protein kinase S6KL isoform X1
>gi|1036710996|ref|XP_017139251.1| PREDICTED: serine/threonine-protein kinase S6KL isoform X4
>gi|1036710979|ref|XP_017139243.1| PREDICTED: serine/threonine-protein kinase S6KL isoform X3
>gi|1036711030|ref|XP_017139276.1| PREDICTED: protein bangles and beads [Drosophila miranda]
>gi|1036711046|ref|XP_017139287.1| PREDICTED: autophagy-related protein 101 [Drosophila mirand
>gi|1036711013|ref|XP_017139265.1| PREDICTED: uncharacterized protein LOC108153661 [Drosophila
>gi|1036711065|ref|XP_017139300.1| PREDICTED: coactosin-like protein [Drosophila miranda]
>gi|1036756147|ref|XP_017156652.1| PREDICTED: gastrin/cholecystokinin type B receptor [Drosoph
>gi|1036705770|ref|XP 017135820.1| PREDICTED: cofilin/actin-depolymerizing factor homolog [Drop
>gi|1036700156|ref|XP_017147331.1| PREDICTED: gastrin/cholecystokinin type B receptor [Drosoph
>gi|1036754941|ref|XP 017156588.1| PREDICTED: probable cytochrome P450 308a1 isoform X1 [Droso
>gi|1036754959|ref|XP_017156589.1| PREDICTED: probable cytochrome P450 308a1 isoform X2 [Droso
>gi|1036754978|ref|XP 017156590.1| PREDICTED: probable cytochrome P450 308a1 isoform X3 [Droso
>gi|1036744903|ref|XP_017156015.1| PREDICTED: cytochrome P450 18a1 [Drosophila miranda]
>gi|1036744886|ref|XP_017156013.1| PREDICTED: cytochrome P450 306a1 [Drosophila miranda]
>gi|1036700171|ref|XP_017147467.1| PREDICTED: zinc metalloproteinase nas-7 [Drosophila miranda]
>gi|1036727073|ref|XP_017148167.1| PREDICTED: serine/threonine-protein kinase fused [Drosophile
>gi|1036727039|ref|XP_017148142.1| PREDICTED: C-mannosyltransferase dpy-19 homolog [Drosophila
>gi|1036727056|ref|XP_017148152.1| PREDICTED: C-mannosyltransferase dpy-19 homolog [Drosophila
>gi|1036746173|ref|XP_017156090.1| PREDICTED: inhibitor of growth protein 3 [Drosophila mirand
>gi|1036728732|ref|XP 017149133.1| PREDICTED: glucose-induced degradation protein 8 homolog [Di
>gi|1036728713|ref|XP_017149120.1| PREDICTED: nucleoporin NUP53 [Drosophila miranda]
>gi|1036728639|ref|XP_017149086.1| PREDICTED: rab11 family-interacting protein 1 isoform X1 [Di
>gi|1036728675|ref|XP 017149098.1| PREDICTED: rab11 family-interacting protein 1 isoform X2 [Di
>gi|1036728694|ref|XP_017149108.1| PREDICTED: uncharacterized protein LOC108159941 isoform X3
>gi|1036746156|ref|XP 017156089.1| PREDICTED: protein valois-like [Drosophila miranda]
>gi|1036742880|ref|XP_017155911.1| PREDICTED: tumor necrosis factor receptor superfamily member
>gi|1036742899|ref|XP 017155912.1| PREDICTED: tumor necrosis factor receptor superfamily member
>gi|1036742917|ref|XP_017155913.1| PREDICTED: tumor necrosis factor receptor superfamily member
>gi|1036753121|ref|XP_017156479.1| PREDICTED: uncharacterized protein LOC108164975 isoform X1
>gi|1036753136|ref|XP_017156480.1| PREDICTED: uncharacterized protein LOC108164975 isoform X1
>gi|1036753153|ref|XP_017156481.1| PREDICTED: uncharacterized protein LOC108164975 isoform X1
>gi|1036753170|ref|XP_017156482.1| PREDICTED: uncharacterized protein LOC108164975 isoform X2
>gi|1036728284|ref|XP 017148876.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036728303|ref|XP_017148899.1| PREDICTED: uncharacterized protein LOC108159829 [Drosophila
>gi|1036728247|ref|XP_017148856.1| PREDICTED: histidine--tRNA ligase, cytoplasmic isoform X2 [
>gi|1036728265|ref|XP_017148864.1| PREDICTED: histidine--tRNA ligase, cytoplasmic isoform X3 [
>gi|1036728225|ref|XP_017148847.1| PREDICTED: histidine--tRNA ligase, cytoplasmic isoform X1 [
>gi|1036752173|ref|XP_017156420.1| PREDICTED: gamma-glutamyltranspeptidase 1 [Drosophila mirane
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>gi|1036738919|ref|XP_017154680.1| PREDICTED: N-acetylgalactosaminyltransferase 7 [Drosophila n
>gi|1036756273|ref|XP_017156660.1| PREDICTED: uncharacterized protein LOC108165112 [Drosophila
>gi|1036756290|ref|XP_017156661.1| PREDICTED: uncharacterized protein LOC108165113 [Drosophila
>gi|1036746772|ref|XP_017156129.1| PREDICTED: uncharacterized protein LOC108164744 isoform X1
>gi|1036746791|ref|XP 017156130.1| PREDICTED: uncharacterized protein LOC108164744 isoform X2
>gi|1036746756|ref|XP_017156128.1| PREDICTED: uncharacterized protein LOC108164743 [Drosophila
>gi|1036746722|ref|XP_017156126.1| PREDICTED: serine protease persephone-like isoform X1 [Dros
>gi|1036746739|ref|XP_017156127.1| PREDICTED: serine protease persephone-like isoform X2 [Dros
>gi|1036746685|ref|XP_017156123.1| PREDICTED: filaggrin [Drosophila miranda]
>gi|1036746706|ref|XP_017156124.1| PREDICTED: filaggrin [Drosophila miranda]
>gi|1036700188|ref|XP_017147595.1| PREDICTED: uncharacterized protein LOC108159096 [Drosophila
>gi|1036757062|ref|XP_017156703.1| PREDICTED: uncharacterized protein LOC108165146 [Drosophila
>gi|1036757043|ref|XP_017156702.1| PREDICTED: transcription factor kayak [Drosophila miranda]
>gi|1036703565|ref|XP_017157020.1| PREDICTED: cuticle protein 21.3 isoform X2 [Drosophila mirate
>gi|1036703548|ref|XP_017157013.1| PREDICTED: cuticle protein 16.5 isoform X1 [Drosophila mirate
>gi|1036733150|ref|XP_017151479.1| PREDICTED: cytosolic purine 5'-nucleotidase isoform X1 [Dros
>gi|1036733169|ref|XP_017151487.1| PREDICTED: cytosolic purine 5'-nucleotidase isoform X1 [Drop
>gi|1036733204|ref|XP_017151500.1| PREDICTED: cytosolic purine 5'-nucleotidase isoform X3 [Dros
>gi|1036733221|ref|XP_017151508.1| PREDICTED: cytosolic purine 5'-nucleotidase isoform X4 [Dros
>gi|1036733188|ref|XP 017151494.1| PREDICTED: cytosolic purine 5'-nucleotidase isoform X2 [Dro
>gi|1036753777|ref|XP_017156518.1| PREDICTED: transferrin [Drosophila miranda]
>gi|1036739630|ref|XP 017155095.1| PREDICTED: coatomer subunit beta [Drosophila miranda]
>gi|1036736349|ref|XP_017153284.1| PREDICTED: nitric oxide synthase-interacting protein homological synthesis and synthesis are supplied by the synthesis are supplied by the synthesis and synthesis are supplied by the synthesis and synthesis are supplied by the synthesis and synthesis are supplied by the synthesis are supplied by the synthesis and synthesis are supplied b
>gi|1036736333|ref|XP_017153272.1| PREDICTED: protein-serine O-palmitoleoyltransferase porcupi
>gi|1036731200|ref|XP_017150599.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731088|ref|XP_017150547.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731107|ref|XP_017150555.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731127|ref|XP_017150565.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731145|ref|XP_017150573.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731163|ref|XP_017150583.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731181|ref|XP_017150591.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731218|ref|XP_017150608.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731072|ref|XP_017150535.1| PREDICTED: allantoinase [Drosophila miranda]
>gi|1036731015|ref|XP_017150515.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036703264|ref|XP 017156851.1| PREDICTED: uncharacterized protein LOC108165325 [Drosophila
>gi|1036746880|ref|XP_017156135.1| PREDICTED: uncharacterized protein LOC108164749 isoform X2
>gi|1036746863|ref|XP_017156134.1| PREDICTED: uncharacterized protein LOC108164749 isoform X1
>gi|1036705738|ref|XP_017135798.1| PREDICTED: uncharacterized protein LOC108151612 [Drosophila
>gi|1036705969|ref|XP_017135969.1| PREDICTED: uncharacterized protein LOC108151706 [Drosophila
>gi|1036755886|ref|XP_017156638.1| PREDICTED: uncharacterized protein LOC108165097 isoform X1
>gi|1036755905|ref|XP_017156639.1| PREDICTED: uncharacterized protein LOC108165097 isoform X2
>gi|1036745905|ref|XP_017156073.1| PREDICTED: protein Exd1 homolog isoform X1 [Drosophila mirated
>gi|1036745923|ref|XP_017156074.1| PREDICTED: protein Exd1 homolog isoform X2 [Drosophila mirated
>gi|1036724408|ref|XP_017146537.1| PREDICTED: SWI5-dependent HO expression protein 3-like [Dros
>gi|1036701212|ref|XP_017154222.1| PREDICTED: uncharacterized protein LOC108163424 [Drosophila
>gi|1036701229|ref|XP_017154347.1| PREDICTED: TPR-containing protein DDB_G0280363 [Drosophila 1
>gi|1036758205|ref|XP_017156763.1| PREDICTED: cytochrome c oxidase subunit 4 isoform 2, mitoch-
>gi|1036816707|ref|XP_017137410.1| PREDICTED: protein yippee-like CG15309 [Drosophila miranda]
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>gi|1036816726|ref|XP_017137411.1| PREDICTED: protein yippee-like CG15309 [Drosophila miranda]
>gi|1036816649|ref|XP_017137406.1| PREDICTED: kelch domain-containing protein 3 isoform X1 [Dref|XP_017137406.1]
>gi|1036816667|ref|XP_017137408.1| PREDICTED: kelch domain-containing protein 3 isoform X2 [Dref|XP_017137408.1]
>gi|1036816688|ref|XP_017137409.1| PREDICTED: kelch domain-containing protein 3 isoform X2 [Dr
>gi|1036816745|ref|XP 017137412.1| PREDICTED: INO80 complex subunit C [Drosophila miranda]
>gi|1036830533|ref|XP_017138182.1| PREDICTED: mannosyl-oligosaccharide glucosidase [Drosophila
>gi|1036799288|ref|XP 017136446.1| PREDICTED: transmembrane protein 68 [Drosophila miranda]
>gi|1036799253|ref|XP_017136444.1| PREDICTED: transport and Golgi organization protein 2 isofo
>gi|1036799271|ref|XP_017136445.1| PREDICTED: transport and Golgi organization protein 2 isofo
>gi|1036799234|ref|XP_017136443.1| PREDICTED: RRP12-like protein [Drosophila miranda]
>gi|1036784211|ref|XP_017135592.1| PREDICTED: uncharacterized protein LOC108151473 isoform X3
>gi|1036784247|ref|XP_017135594.1| PREDICTED: uncharacterized protein LOC108151473 isoform X5
>gi|1036784192|ref|XP_017135591.1| PREDICTED: uncharacterized protein LOC108151473 isoform X2
>gi|1036784173|ref|XP_017135590.1| PREDICTED: uncharacterized protein LOC108151473 isoform X1
>gi|1036784230|ref|XP_017135593.1| PREDICTED: uncharacterized protein LOC108151473 isoform X4
>gi|1036832323|ref|XP_017138279.1| PREDICTED: DNA ligase 4 [Drosophila miranda]
>gi|1036838628|ref|XP_017138644.1| PREDICTED: ribonuclease H2 subunit B [Drosophila miranda]
>gi|1036832475|ref|XP_017138289.1| PREDICTED: uncharacterized protein LOC108153041 isoform X1
>gi|1036832495|ref|XP_017138290.1| PREDICTED: uncharacterized protein LOC108153041 isoform X2
>gi|1036827231|ref|XP 017137990.1| PREDICTED: fatty acid hydroxylase domain-containing protein
>gi|1036827212|ref|XP_017137989.1| PREDICTED: RNA-binding protein FUS [Drosophila miranda]
>gi|1036827248|ref|XP 017137991.1| PREDICTED: selenoprotein BthD [Drosophila miranda]
>gi|1036795987|ref|XP_017136259.1| PREDICTED: actin cytoskeleton-regulatory complex protein par
>gi|1036796006|ref|XP_017136260.1| PREDICTED: actin cytoskeleton-regulatory complex protein par
>gi|1036795931|ref|XP_017136257.1| PREDICTED: neuroglian isoform X1 [Drosophila miranda]
>gi|1036795968|ref|XP_017136258.1| PREDICTED: neuroglian isoform X2 [Drosophila miranda]
>gi|1036826162|ref|XP_017137928.1| PREDICTED: integrator complex subunit 4 [Drosophila miranda]
>gi|1036775700|ref|XP_017135090.1| PREDICTED: uncharacterized protein LOC108151171 isoform X2
>gi|1036775683|ref|XP_017135089.1| PREDICTED: uncharacterized protein LOC108151171 isoform X1
>gi|1036775719|ref|XP 017135091.1| PREDICTED: uncharacterized protein LOC108151171 isoform X3
>gi|1036775740|ref|XP_017135092.1| PREDICTED: uncharacterized protein LOC108151171 isoform X4
>gi|1036775664|ref|XP_017135088.1| PREDICTED: LOW QUALITY PROTEIN: E3 ubiquitin-protein ligase
>gi|1036758220|ref|XP_017156764.1| PREDICTED: uncharacterized protein LOC108165236 [Drosophila
>gi|1036832871|ref|XP_017138312.1| PREDICTED: uncharacterized protein LOC108153050 [Drosophila
>gi|1036832836|ref|XP 017138310.1| PREDICTED: uncharacterized protein LOC108153049 [Drosophila
>gi|1036832854|ref|XP_017138311.1| PREDICTED: uncharacterized protein LOC108153049 [Drosophila
>gi|1036832817|ref|XP 017138309.1| PREDICTED: zinc finger C4H2 domain-containing protein [Dros
>gi|1036812587|ref|XP_017137180.1| PREDICTED: dnaJ homolog subfamily C member 22 [Drosophila m
>gi|1036812606|ref|XP_017137181.1| PREDICTED: dnaJ homolog subfamily C member 22 [Drosophila m
>gi|1036812549|ref|XP_017137178.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036812568|ref|XP_017137179.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036812625|ref|XP_017137183.1| PREDICTED: homeotic protein female sterile-like [Drosophila
>gi|1036812644|ref|XP_017137184.1| PREDICTED: homeotic protein female sterile-like [Drosophila
>gi|1036812662|ref|XP_017137185.1| PREDICTED: uncharacterized protein LOC108152395 isoform X1
>gi|1036812683|ref|XP_017137186.1| PREDICTED: uncharacterized protein LOC108152395 isoform X2
>gi|1036838429|ref|XP_017138629.1| PREDICTED: uncharacterized protein LOC108153271 [Drosophila
>gi|1036789975|ref|XP_017135921.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC9 [Dr
>gi|1036789919|ref|XP_017135918.1| PREDICTED: density-regulated protein homolog [Drosophila mi
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>gi|1036789883|ref|XP_017135916.1| PREDICTED: nitrogen permease regulator 2-like protein [Dros
>gi|1036789901|ref|XP_017135917.1| PREDICTED: ketimine reductase mu-crystallin [Drosophila mire
>gi|1036789938|ref|XP_017135919.1| PREDICTED: uncharacterized protein LOC108151686 isoform X1
>gi|1036789956|ref|XP_017135920.1| PREDICTED: uncharacterized protein LOC108151686 isoform X2
>gi|1036789831|ref|XP 017135913.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036789850|ref|XP_017135914.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036789867|ref|XP 017135915.1| PREDICTED: regulator of G-protein signaling 7 [Drosophila m
>gi|1036839647|ref|XP_017138697.1| PREDICTED: uncharacterized protein LOC108153304 isoform X1
>gi|1036839662|ref|XP_017138698.1| PREDICTED: uncharacterized protein LOC108153304 isoform X2
>gi|1036839680|ref|XP_017138699.1| PREDICTED: uncharacterized protein LOC108153304 isoform X2
>gi|1036778909|ref|XP_017135282.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036778776|ref|XP_017135273.1| PREDICTED: uncharacterized protein LOC108151262 isoform X5
>gi|1036778758|ref|XP_017135272.1| PREDICTED: uncharacterized protein LOC108151262 isoform X4
>gi|1036778704|ref|XP_017135269.1| PREDICTED: uncharacterized protein LOC108151262 isoform X1
>gi|1036778740|ref|XP 017135271.1| PREDICTED: uncharacterized protein LOC108151262 isoform X3
>gi|1036778722|ref|XP_017135270.1| PREDICTED: uncharacterized protein LOC108151262 isoform X2
>gi|1036778855|ref|XP_017135278.1| PREDICTED: LOW QUALITY PROTEIN: proteasome inhibitor PI31 s
>gi|1036778796|ref|XP 017135274.1| PREDICTED: uncharacterized protein LOC108151264 [Drosophila
>gi|1036778815|ref|XP_017135275.1| PREDICTED: uncharacterized protein LOC108151265 [Drosophila
>gi|1036778834|ref|XP 017135277.1| PREDICTED: uncharacterized protein LOC108151266 [Drosophila
>gi|1036778874|ref|XP_017135279.1| PREDICTED: 40S ribosomal protein S19a-like [Drosophila mirated]
>gi|1036778892|ref|XP 017135280.1| PREDICTED: uncharacterized protein LOC108151269 [Drosophila
>gi|1036767279|ref|XP_017134623.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036851147|ref|XP_017139330.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036767393|ref|XP_017134627.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036845649|ref|XP_017139012.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036845667|ref|XP_017139014.1| PREDICTED: 60 kDa heat shock protein, mitochondrial-like [Di
>gi|1036758238|ref|XP_017156765.1| PREDICTED: 60 kDa heat shock protein, mitochondrial-like [Di
>gi|1036845632|ref|XP_017139011.1| PREDICTED: calcitonin gene-related peptide type 1 receptor
>gi|1036843301|ref|XP 017138895.1| PREDICTED: ELAV-like protein 2 isoform X2 [Drosophila mirane
>gi|1036843283|ref|XP_017138894.1| PREDICTED: ELAV-like protein 1 isoform X1 [Drosophila miran
>gi|1036838410|ref|XP_017138627.1| PREDICTED: protein YIPF1 [Drosophila miranda]
>gi|1036835152|ref|XP 017138433.1| PREDICTED: breast cancer metastasis-suppressor 1 homolog [Di
>gi|1036835186|ref|XP_017138435.1| PREDICTED: probable 39S ribosomal protein L49, mitochondria
>gi|1036835167|ref|XP 017138434.1| PREDICTED: probable 39S ribosomal protein L49, mitochondria
>gi|1036849963|ref|XP_017139262.1| PREDICTED: uncharacterized protein LOC108153662 isoform X1
>gi|1036849983|ref|XP 017139263.1| PREDICTED: uncharacterized protein LOC108153662 isoform X2
>gi|1036827395|ref|XP_017138001.1| PREDICTED: FAD synthase [Drosophila miranda]
>gi|1036827413|ref|XP_017138002.1| PREDICTED: FAD synthase [Drosophila miranda]
>gi|1036827378|ref|XP_017137999.1| PREDICTED: aarF domain-containing protein kinase 4 [Drosoph
>gi|1036811059|ref|XP_017137099.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036811019|ref|XP_017137097.1| PREDICTED: uncharacterized protein LOC108152344 [Drosophila
>gi|1036811038|ref|XP_017137098.1| PREDICTED: neprilysin-11 [Drosophila miranda]
>gi|1036839828|ref|XP_017138707.1| PREDICTED: uncharacterized protein LOC108153308 [Drosophila
>gi|1036839846|ref|XP_017138708.1| PREDICTED: uncharacterized protein LOC108153308 [Drosophila
>gi|1036842877|ref|XP_017138871.1| PREDICTED: polyhomeotic-proximal chromatin protein-like [Dref|XP_017138871.1| PREDICTED: polyhomeotic-proximal chromatin protein-like [Dref
>gi|1036758253|ref|XP_017156766.1| PREDICTED: bromodomain-containing factor 1-like [Drosophila
>gi|1036790512|ref|XP_017135950.1| PREDICTED: LOW QUALITY PROTEIN: polyhomeotic-proximal chrom-
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>gi|1036790419|ref|XP_017135945.1| PREDICTED: D-2-hydroxyglutarate dehydrogenase, mitochondria
>gi|1036790435|ref|XP_017135946.1| PREDICTED: D-2-hydroxyglutarate dehydrogenase, mitochondria
>gi|1036790455|ref|XP_017135947.1| PREDICTED: D-2-hydroxyglutarate dehydrogenase, mitochondria
>gi|1036790474|ref|XP_017135948.1| PREDICTED: D-2-hydroxyglutarate dehydrogenase, mitochondria
>gi|1036790493|ref|XP 017135949.1| PREDICTED: D-2-hydroxyglutarate dehydrogenase, mitochondria
>gi|1036812222|ref|XP_017137160.1| PREDICTED: 6-phosphogluconate dehydrogenase, decarboxylating
>gi|1036812297|ref|XP 017137164.1| PREDICTED: protein bcn92 [Drosophila miranda]
>gi|1036812239|ref|XP_017137161.1| PREDICTED: MAP kinase-activated protein kinase 2 [Drosophile
>gi|1036812260|ref|XP_017137162.1| PREDICTED: MAP kinase-activated protein kinase 2 [Drosophile
>gi|1036812279|ref|XP_017137163.1| PREDICTED: MAP kinase-activated protein kinase 2 [Drosophile
>gi|1036800012|ref|XP_017136486.1| PREDICTED: N-acylneuraminate-9-phosphatase [Drosophila mirate-9-phosphatase]
>gi|1036800050|ref|XP_017136488.1| PREDICTED: protein lin-52 homolog [Drosophila miranda]
>gi|1036800032|ref|XP_017136487.1| PREDICTED: alpha-protein kinase 1 [Drosophila miranda]
>gi|1036799994|ref|XP_017136485.1| PREDICTED: regulator of telomere elongation helicase 1 homo
>gi|1036805859|ref|XP_017136816.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda
>gi|1036805878|ref|XP_017136818.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda
>gi|1036805897|ref|XP_017136819.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda]
>gi|1036805916|ref|XP_017136820.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda]
>gi|1036805934|ref|XP_017136821.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda]
>gi|1036805951|ref|XP_017136822.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda]
>gi|1036784600|ref|XP_017135614.1| PREDICTED: sorting nexin-27 isoform X1 [Drosophila miranda]
>gi|1036784638|ref|XP_017135616.1| PREDICTED: uncharacterized protein LOC108151488 [Drosophila
>gi|1036784657|ref|XP_017135618.1| PREDICTED: 60S ribosomal protein L28 [Drosophila miranda]
>gi|1036784621|ref|XP_017135615.1| PREDICTED: sorting nexin-27 isoform X2 [Drosophila miranda]
>gi|1036784485|ref|XP_017135608.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 is
>gi|1036784506|ref|XP_017135609.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 is
>gi|1036784525|ref|XP_017135610.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 is
>gi|1036784544|ref|XP_017135611.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 is
>gi|1036784563|ref|XP_017135612.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 is
>gi|1036784449|ref|XP_017135606.1| PREDICTED: A disintegrin and metalloproteinase with thrombo
>gi|1036784412|ref|XP_017135604.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
>gi|1036784430|ref|XP_017135605.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
>gi|1036784466|ref|XP 017135607.1| PREDICTED: A disintegrin and metalloproteinase with thrombo
>gi|1036784582|ref|XP_017135613.1| PREDICTED: NADH-ubiquinone oxidoreductase 75 kDa subunit, m
>gi|1036758272|ref|XP_017156767.1| PREDICTED: protein trapped in endoderm-1-like, partial [Dros
>gi|1036819313|ref|XP_017137554.1| PREDICTED: thioredoxin reductase 1, mitochondrial isoform X
>gi|1036819294|ref|XP_017137553.1| PREDICTED: thioredoxin reductase 1, mitochondrial isoform X
>gi|1036819332|ref|XP_017137555.1| PREDICTED: C-factor isoform X1 [Drosophila miranda]
>gi|1036819351|ref|XP_017137556.1| PREDICTED: C-factor isoform X2 [Drosophila miranda]
>gi|1036819374|ref|XP_017137557.1| PREDICTED: uncharacterized protein LOC108152606 [Drosophila
>gi|1036837757|ref|XP_017138589.1| PREDICTED: troponin I isoform X1 [Drosophila miranda]
>gi|1036837813|ref|XP_017138592.1| PREDICTED: troponin I isoform X4 [Drosophila miranda]
>gi|1036837795|ref|XP_017138591.1| PREDICTED: troponin I isoform X3 [Drosophila miranda]
>gi|1036837776|ref|XP_017138590.1| PREDICTED: troponin I isoform X2 [Drosophila miranda]
>gi|1036837868|ref|XP_017138595.1| PREDICTED: troponin I isoform X7 [Drosophila miranda]
>gi|1036837922|ref|XP_017138599.1| PREDICTED: troponin I isoform X10 [Drosophila miranda]
>gi|1036837903|ref|XP_017138598.1| PREDICTED: troponin I isoform X9 [Drosophila miranda]
>gi|1036837885|ref|XP_017138597.1| PREDICTED: troponin I isoform X8 [Drosophila miranda]
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>gi|1036837831|ref|XP_017138593.1| PREDICTED: troponin I isoform X5 [Drosophila miranda]
>gi|1036837850|ref|XP_017138594.1| PREDICTED: troponin I isoform X6 [Drosophila miranda]
>gi|1036837941|ref|XP_017138600.1| PREDICTED: troponin I isoform X11 [Drosophila miranda]
>gi|1036837960|ref|XP_017138601.1| PREDICTED: troponin I isoform X12 [Drosophila miranda]
>gi|1036848353|ref|XP 017139165.1| PREDICTED: casein kinase II subunit beta'-like [Drosophila 1
>gi|1036808771|ref|XP_017136975.1| PREDICTED: interference hedgehog isoform X2 [Drosophila mire
>gi|1036808655|ref|XP_017136969.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808674|ref|XP_017136970.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808694|ref|XP_017136971.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808713|ref|XP_017136972.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808732|ref|XP_017136973.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808753|ref|XP_017136974.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808788|ref|XP_017136976.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808806|ref|XP_017136977.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808827|ref|XP_017136978.1| PREDICTED: regulatory protein zeste [Drosophila miranda]
>gi|1036803920|ref|XP_017136705.1| PREDICTED: basement membrane-specific heparan sulfate prote
>gi|1036803937|ref|XP_017136706.1| PREDICTED: basement membrane-specific heparan sulfate prote
>gi|1036846112|ref|XP_017139040.1| PREDICTED: PDF receptor [Drosophila miranda]
>gi|1036850930|ref|XP_017139318.1| PREDICTED: probable V-type proton ATPase subunit D 2 [Droso
>gi|1036828261|ref|XP 017138050.1| PREDICTED: dopamine N-acetyltransferase isoform X1 [Drosoph
>gi|1036828280|ref|XP_017138052.1| PREDICTED: dopamine N-acetyltransferase isoform X2 [Drosoph
>gi|1036828299|ref|XP 017138053.1| PREDICTED: dopamine N-acetyltransferase isoform X2 [Drosoph
>gi|1036828338|ref|XP_017138055.1| PREDICTED: protein GUCD1 isoform X2 [Drosophila miranda]
>gi|1036828319|ref|XP_017138054.1| PREDICTED: protein GUCD1 isoform X1 [Drosophila miranda]
>gi|1036828243|ref|XP_017138049.1| PREDICTED: zinc finger and BTB domain-containing protein 49
>gi|1036833065|ref|XP_017138323.1| PREDICTED: PHD finger protein 12 [Drosophila miranda]
>gi|1036815826|ref|XP_017137357.1| PREDICTED: uncharacterized protein LOC108152492 [Drosophila
>gi|1036815807|ref|XP_017137356.1| PREDICTED: uncharacterized protein LOC108152491 [Drosophila
>gi|1036815784|ref|XP_017137354.1| PREDICTED: mitochondrial ribonuclease P protein 3 [Drosophi
>gi|1036815763|ref|XP_017137353.1| PREDICTED: DNA repair endonuclease XPF [Drosophila miranda]
>gi|1036851487|ref|XP_017139351.1| PREDICTED: uncharacterized protein LOC108153733 [Drosophila
>gi|1036767666|ref|XP_017134640.1| PREDICTED: uncharacterized protein LOC108150845 [Drosophila
>gi|1036758291|ref|XP_017156768.1| PREDICTED: uncharacterized protein LOC108165242 [Drosophila
>gi|1036765327|ref|XP_017157164.1| PREDICTED: uncharacterized protein LOC108165601 [Drosophila
>gi|1036769627|ref|XP 017134750.1| PREDICTED: uncharacterized protein LOC108150931 [Drosophila
>gi|1036766542|ref|XP_017134580.1| PREDICTED: uncharacterized protein LOC108150789 isoform X2
>gi|1036766523|ref|XP 017134579.1| PREDICTED: uncharacterized protein LOC108150789 isoform X1
>gi|1036852340|ref|XP_017139405.1| PREDICTED: cell wall protein DAN4 [Drosophila miranda]
>gi|1036763406|ref|XP_017157064.1| PREDICTED: translation initiation factor IF-2 [Drosophila m
>gi|1036851345|ref|XP_017139342.1| PREDICTED: serine-rich adhesin for platelets [Drosophila mi
>gi|1036766958|ref|XP_017134604.1| PREDICTED: uncharacterized protein LOC108150810 [Drosophila
>gi|1036797845|ref|XP_017136363.1| PREDICTED: fasciclin-2 isoform X1 [Drosophila miranda]
>gi|1036797879|ref|XP_017136365.1| PREDICTED: fasciclin-2 isoform X3 [Drosophila miranda]
>gi|1036797862|ref|XP_017136364.1| PREDICTED: fasciclin-2 isoform X2 [Drosophila miranda]
>gi|1036797898|ref|XP_017136366.1| PREDICTED: fasciclin-2 isoform X4 [Drosophila miranda]
>gi|1036797917|ref|XP_017136367.1| PREDICTED: fasciclin-2 isoform X5 [Drosophila miranda]
>gi|1036797936|ref|XP_017136369.1| PREDICTED: galactosylgalactosylxylosylprotein 3-beta-glucur
>gi|1036846146|ref|XP_017139041.1| PREDICTED: translation machinery-associated protein 7 homology
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>gi|1036827266|ref|XP_017137993.1| PREDICTED: mitochondrial tRNA-specific 2-thiouridylase 1 [D:
>gi|1036827284|ref|XP_017137994.1| PREDICTED: monocyte to macrophage differentiation factor [D:
>gi|1036827303|ref|XP_017137995.1| PREDICTED: monocyte to macrophage differentiation factor [Di
>gi|1036801742|ref|XP_017136587.1| PREDICTED: HEAT repeat-containing protein 6 [Drosophila mire
>gi|1036801760|ref|XP 017136588.1| PREDICTED: retinoblastoma family protein [Drosophila mirand
>gi|1036852545|ref|XP_017139417.1| PREDICTED: uncharacterized protein LOC108153784 [Drosophila
>gi|1036758307|ref|XP 017156769.1| PREDICTED: ESX-1 secretion-associated protein EspI [Drosoph
>gi|1036791737|ref|XP_017136020.1| PREDICTED: vesicle-trafficking protein SEC22b-B [Drosophila
>gi|1036791635|ref|XP_017136013.1| PREDICTED: uncharacterized protein CG43867 isoform X7 [Dros
>gi|1036791652|ref|XP_017136014.1| PREDICTED: uncharacterized protein CG43867 isoform X8 [Dros
>gi|1036791616|ref|XP_017136012.1| PREDICTED: uncharacterized protein CG43867 isoform X6 [Dros
>gi|1036791579|ref|XP_017136010.1| PREDICTED: uncharacterized protein CG43867 isoform X4 [Dros
>gi|1036791539|ref|XP_017136008.1| PREDICTED: uncharacterized protein CG43867 isoform X2 [Dros
>gi|1036791558|ref|XP_017136009.1| PREDICTED: uncharacterized protein CG43867 isoform X3 [Dros
>gi|1036791520|ref|XP_017136007.1| PREDICTED: uncharacterized protein CG43867 isoform X1 [Dros
>gi|1036791598|ref|XP_017136011.1| PREDICTED: uncharacterized protein CG43867 isoform X5 [Dros
>gi|1036791671|ref|XP_017136015.1| PREDICTED: uncharacterized protein CG43867 isoform X9 [Dros
>gi|1036791703|ref|XP_017136016.1| PREDICTED: uncharacterized protein CG43867 isoform X10 [Dros
>gi|1036791720|ref|XP_017136017.1| PREDICTED: uncharacterized protein CG43867 isoform X11 [Dros
>gi|1036791774|ref|XP 017136022.1| PREDICTED: uncharacterized protein LOC108151733 [Drosophila
>gi|1036791755|ref|XP_017136021.1| PREDICTED: uncharacterized protein LOC108151732 [Drosophila
>gi|1036846346|ref|XP_017139052.1| PREDICTED: protein lunapark-B-like isoform X2 [Drosophila m
>gi|1036846363|ref|XP_017139053.1| PREDICTED: protein lunapark-B-like isoform X3 [Drosophila m
>gi|1036846327|ref|XP_017139051.1| PREDICTED: protein lunapark-B-like isoform X1 [Drosophila m
>gi|1036827152|ref|XP_017137986.1| PREDICTED: leucine-zipper-like transcriptional regulator 1
>gi|1036843707|ref|XP_017138920.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036843688|ref|XP_017138919.1| PREDICTED: nucleosome assembly protein 1-like 1-A [Drosophi
>gi|1036824926|ref|XP_017137860.1| PREDICTED: uncharacterized protein LOC108152787 [Drosophila
>gi|1036824944|ref|XP_017137861.1| PREDICTED: cell wall integrity and stress response component
>gi|1036824963|ref|XP_017137862.1| PREDICTED: translocating chain-associated membrane protein
>gi|1036842197|ref|XP_017138834.1| PREDICTED: crossover junction endonuclease MUS81 [Drosophile
>gi|1036842181|ref|XP_017138833.1| PREDICTED: LOW QUALITY PROTEIN: RUN domain-containing prote
>gi|1036846681|ref|XP_017139072.1| PREDICTED: 3-oxoacyl-[acyl-carrier-protein] reductase FabG
>gi|1036846658|ref|XP_017139071.1| PREDICTED: LOW QUALITY PROTEIN: synaptic vesicle glycoprote
>gi|1036758325|ref|XP 017156770.1| PREDICTED: NADH-quinone oxidoreductase subunit F 1-like [Dre
>gi|1036758343|ref|XP_017156771.1| PREDICTED: NADH-quinone oxidoreductase subunit G-like [Dros
>gi|1036846381|ref|XP_017139054.1| PREDICTED: uncharacterized protein LOC108153509 [Drosophila
>gi|1036833321|ref|XP_017138338.1| PREDICTED: 60S ribosomal protein L13a-like [Drosophila mirated]
>gi|1036758359|ref|XP_017156774.1| PREDICTED: ERI1 exoribonuclease 2-like [Drosophila miranda]
>gi|1036765347|ref|XP_017157165.1| PREDICTED: uncharacterized protein DDB_G0283357 [Drosophila
>gi|1036821039|ref|XP_017137644.1| PREDICTED: probable calcium-binding protein CML12 [Drosophi
>gi|1036821057|ref|XP_017137645.1| PREDICTED: probable calcium-binding protein CML12 [Drosophi
>gi|1036821000|ref|XP_017137641.1| PREDICTED: adenylate cyclase, terminal-differentiation spec
>gi|1036821113|ref|XP_017137647.1| PREDICTED: uncharacterized protein LOC108152662 [Drosophila
>gi|1036820981|ref|XP_017137640.1| PREDICTED: cell division control protein 45 homolog [Drosop
>gi|1036821094|ref|XP_017137646.1| PREDICTED: ribonuclease P protein subunit p21 [Drosophila m
>gi|1036821018|ref|XP_017137643.1| PREDICTED: gamma-butyrobetaine dioxygenase [Drosophila mirated and selection of the companies of the compan
>gi|1036824082|ref|XP_017137814.1| PREDICTED: protein suppressor of white apricot isoform X1 [
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>gi|1036824101|ref|XP_017137815.1| PREDICTED: protein suppressor of white apricot isoform X2 [
>gi|1036824136|ref|XP_017137817.1| PREDICTED: protein suppressor of white apricot isoform X3 [
>gi|1036824155|ref|XP_017137818.1| PREDICTED: protein suppressor of white apricot isoform X4 [
>gi|1036767334|ref|XP_017134624.1| PREDICTED: chymotrypsin-elastase inhibitor ixodidin [Drosop
>gi|1036848879|ref|XP 017139196.1| PREDICTED: 27 kDa hemolymph protein [Drosophila miranda]
>gi|1036765926|ref|XP_017134548.1| PREDICTED: uncharacterized protein LOC108150765 [Drosophila
>gi|1036852071|ref|XP_017139388.1| PREDICTED: succinyl-CoA ligase subunit alpha, mitochondrial
>gi|1036812434|ref|XP_017137172.1| PREDICTED: uncharacterized protein LOC108152386 [Drosophila
>gi|1036812491|ref|XP_017137175.1| PREDICTED: uncharacterized protein LOC108152388 [Drosophila
>gi|1036812452|ref|XP_017137173.1| PREDICTED: uncharacterized protein LOC108152387 isoform X1
>gi|1036812470|ref|XP_017137174.1| PREDICTED: uncharacterized protein LOC108152387 isoform X2
>gi|1036765745|ref|XP_017134537.1| PREDICTED: uncharacterized protein LOC108150754 [Drosophila
>gi|1036758375|ref|XP_017156775.1| PREDICTED: pollen-specific leucine-rich repeat extensin-lik
>gi|1036764635|ref|XP_017157127.1| PREDICTED: uncharacterized protein LOC108165564 [Drosophila
>gi|1036849174|ref|XP_017139213.1| PREDICTED: 27 kDa hemolymph protein [Drosophila miranda]
>gi|1036765996|ref|XP_017134551.1| PREDICTED: uncharacterized protein LOC108150768 [Drosophila
>gi|1036765975|ref|XP_017134550.1| PREDICTED: uncharacterized protein LOC108150767 [Drosophila
>gi|1036770401|ref|XP_017134793.1| PREDICTED: probable basic-leucine zipper transcription fact
>gi|1036758394|ref|XP_017156776.1| PREDICTED: uncharacterized protein LOC108165249 [Drosophila
>gi|1036852162|ref|XP 017139394.1| PREDICTED: alpha-protein kinase 1 [Drosophila miranda]
>gi|1036758413|ref|XP_017156777.1| PREDICTED: uncharacterized protein LOC108165250 [Drosophila
>gi|1036852090|ref|XP 017139390.1| PREDICTED: GATA zinc finger domain-containing protein 10 [Di
>gi|1036758432|ref|XP_017156778.1| PREDICTED: uncharacterized protein LOC108165251 [Drosophila
>gi|1036764243|ref|XP_017157110.1| PREDICTED: hornerin [Drosophila miranda]
>gi|1036846417|ref|XP_017139056.1| PREDICTED: zinc finger protein 771 [Drosophila miranda]
>gi|1036801064|ref|XP_017136546.1| PREDICTED: LOW QUALITY PROTEIN: polyhomeotic-proximal chrom-
>gi|1036835060|ref|XP_017138428.1| PREDICTED: probable ATP-dependent DNA helicase DDX11 [Droso
>gi|1036832108|ref|XP_017138270.1| PREDICTED: activating transcription factor 3 [Drosophila min
>gi|1036764738|ref|XP_017157133.1| PREDICTED: calcineurin B homologous protein 1 [Drosophila m
>gi|1036758451|ref|XP_017156779.1| PREDICTED: uncharacterized protein LOC108165252 [Drosophila
>gi|1036850799|ref|XP_017139310.1| PREDICTED: uncharacterized protein LOC108153696 [Drosophila
>gi|1036796526|ref|XP_017136288.1| PREDICTED: disheveled-associated activator of morphogenesis
>gi|1036796507|ref|XP 017136287.1| PREDICTED: disheveled-associated activator of morphogenesis
>gi|1036796545|ref|XP_017136289.1| PREDICTED: golgin subfamily A member 6C-like [Drosophila mi
>gi|1036849821|ref|XP 017139253.1| PREDICTED: cell wall protein DAN4 [Drosophila miranda]
>gi|1036831922|ref|XP_017138259.1| PREDICTED: N-alpha-acetyltransferase 30 isoform X1 [Drosoph
>gi|1036831941|ref|XP_017138260.1| PREDICTED: N-alpha-acetyltransferase 30 isoform X2 [Drosoph
>gi|1036837347|ref|XP_017138563.1| PREDICTED: poly(A) RNA polymerase, mitochondrial [Drosophile
>gi|1036837366|ref|XP_017138565.1| PREDICTED: CD9 antigen [Drosophila miranda]
>gi|1036807353|ref|XP_017136897.1| PREDICTED: solute carrier family 12 member 8 [Drosophila mi
>gi|1036807335|ref|XP_017136896.1| PREDICTED: ESF1 homolog [Drosophila miranda]
>gi|1036807389|ref|XP_017136898.1| PREDICTED: serine/threonine-protein kinase Nek8 [Drosophila
>gi|1036767411|ref|XP_017134628.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1036811422|ref|XP_017137116.1| PREDICTED: sex-lethal homolog isoform X2 [Drosophila mirand
>gi|1036811403|ref|XP_017137115.1| PREDICTED: sex-lethal homolog isoform X1 [Drosophila mirand
>gi|1036811441|ref|XP_017137117.1| PREDICTED: RNA-binding protein FUS-like [Drosophila miranda
>gi|1036801929|ref|XP_017136598.1| PREDICTED: 5'-AMP-activated protein kinase catalytic subuni
>gi|1036801949|ref|XP_017136599.1| PREDICTED: thioredoxin, mitochondrial [Drosophila miranda]
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>gi|1036801781|ref|XP_017136589.1| PREDICTED: rho GTPase-activating protein gacZ isoform X1 [D:
>gi|1036801800|ref|XP_017136590.1| PREDICTED: rho GTPase-activating protein gacZ isoform X2 [D:
>gi|1036801817|ref|XP_017136591.1| PREDICTED: rho GTPase-activating protein gacZ isoform X3 [Di
>gi|1036801836|ref|XP_017136592.1| PREDICTED: rho GTPase-activating protein gacZ isoform X3 [Di
>gi|1036801855|ref|XP 017136593.1| PREDICTED: rho GTPase-activating protein gacZ isoform X3 [Di
>gi|1036801874|ref|XP_017136594.1| PREDICTED: rho GTPase-activating protein gacZ isoform X3 [Di
>gi|1036801893|ref|XP 017136595.1| PREDICTED: rho GTPase-activating protein gacZ isoform X3 [Di
>gi|1036801911|ref|XP_017136597.1| PREDICTED: rho GTPase-activating protein gacZ isoform X4 [D:
>gi|1036830077|ref|XP_017138153.1| PREDICTED: RILP-like protein homolog isoform X2 [Drosophila
>gi|1036830058|ref|XP_017138152.1| PREDICTED: RILP-like protein homolog isoform X1 [Drosophila
>gi|1036825259|ref|XP_017137880.1| PREDICTED: LOW QUALITY PROTEIN: microtubule-associated prot
>gi|1036758470|ref|XP_017156780.1| PREDICTED: putative gustatory receptor 2a [Drosophila mirane
>gi|1036849335|ref|XP_017139222.1| PREDICTED: uncharacterized protein LOC108153629 [Drosophila
>gi|1036849349|ref|XP_017139223.1| PREDICTED: uncharacterized protein LOC108153630 [Drosophila
>gi|1036826589|ref|XP_017137953.1| PREDICTED: leucine-rich PPR motif-containing protein, mitoc
>gi|1036834104|ref|XP_017138374.1| PREDICTED: enoyl-CoA delta isomerase 2, mitochondrial [Dros
>gi|1036834085|ref|XP_017138373.1| PREDICTED: large subunit GTPase 1 homolog [Drosophila miran-
>gi|1036783797|ref|XP_017135569.1| PREDICTED: GDP-fucose protein O-fucosyltransferase 2 [Droso
>gi|1036784078|ref|XP_017135585.1| PREDICTED: PXMP2/4 family protein 4 [Drosophila miranda]
>gi|1036784097|ref|XP 017135586.1| PREDICTED: PXMP2/4 family protein 4 [Drosophila miranda]
>gi|1036783816|ref|XP_017135570.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1036784021|ref|XP 017135582.1| PREDICTED: protein sym1 isoform X1 [Drosophila miranda]
>gi|1036784040|ref|XP_017135583.1| PREDICTED: protein sym1 isoform X1 [Drosophila miranda]
>gi|1036784059|ref|XP_017135584.1| PREDICTED: protein sym1 isoform X2 [Drosophila miranda]
>gi|1036784002|ref|XP_017135581.1| PREDICTED: uncharacterized protein LOC108151467 [Drosophila
>gi|1036783889|ref|XP_017135574.1| PREDICTED: trypsin eta [Drosophila miranda]
>gi|1036783927|ref|XP_017135577.1| PREDICTED: ras-related protein Rab-27A isoform X1 [Drosophi
>gi|1036783946|ref|XP_017135578.1| PREDICTED: ras-related protein Rab-27A isoform X2 [Drosophi
>gi|1036783965|ref|XP_017135579.1| PREDICTED: ras-related protein Rab-27A isoform X2 [Drosophi
>gi|1036783983|ref|XP_017135580.1| PREDICTED: ras-related protein Rab-27A isoform X3 [Drosophi
>gi|1036783834|ref|XP_017135571.1| PREDICTED: uncharacterized protein LOC108151462 [Drosophila
>gi|1036783853|ref|XP_017135572.1| PREDICTED: pleckstrin homology domain-containing family F m
>gi|1036783872|ref|XP_017135573.1| PREDICTED: pleckstrin homology domain-containing family F m
>gi|1036783908|ref|XP_017135576.1| PREDICTED: 40S ribosomal protein SA [Drosophila miranda]
>gi|1036849305|ref|XP 017139220.1| PREDICTED: glutamate receptor ionotropic, NMDA 2B isoform X
>gi|1036849270|ref|XP_017139218.1| PREDICTED: glutamate receptor ionotropic, NMDA 2B isoform X
>gi|1036849289|ref|XP 017139219.1| PREDICTED: glutamate receptor ionotropic, NMDA 2B isoform X
>gi|1036764581|ref|XP_017157124.1| PREDICTED: uncharacterized protein LOC108165560 [Drosophila
>gi|1036820681|ref|XP_017137623.1| PREDICTED: BTB/POZ domain-containing protein KCTD5 [Drosoph
>gi|1036758489|ref|XP_017156781.1| PREDICTED: LOW QUALITY PROTEIN: mucin-5AC [Drosophila miran-
>gi|1036770545|ref|XP_017134801.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1036770578|ref|XP_017134803.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1036770512|ref|XP_017134799.1| PREDICTED: broad-complex core protein isoform X1 [Drosophile
>gi|1036770529|ref|XP_017134800.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1036770561|ref|XP_017134802.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1036770494|ref|XP_017134798.1| PREDICTED: vacuolar protein sorting-associated protein 18 h
>gi|1036770656|ref|XP_017134808.1| PREDICTED: protein C19orf12 homolog [Drosophila miranda]
>gi|1036770597|ref|XP_017134804.1| PREDICTED: protein halfway isoform X1 [Drosophila miranda]
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>gi|1036770616|ref|XP_017134805.1| PREDICTED: protein halfway isoform X2 [Drosophila miranda]
>gi|1036770438|ref|XP_017134795.1| PREDICTED: coiled-coil domain-containing protein CG32809 is
>gi|1036770420|ref|XP_017134794.1| PREDICTED: coiled-coil domain-containing protein CG32809 is
>gi|1036770475|ref|XP_017134797.1| PREDICTED: coiled-coil domain-containing protein CG32809 is
>gi|1036770456|ref|XP 017134796.1| PREDICTED: coiled-coil domain-containing protein CG32809 is
>gi|1036770676|ref|XP_017134809.1| PREDICTED: uncharacterized protein LOC108150978 [Drosophila
>gi|1036770637|ref|XP 017134807.1| PREDICTED: uncharacterized protein LOC108150976 [Drosophila
>gi|1036834752|ref|XP_017138409.1| PREDICTED: protein a6 [Drosophila miranda]
>gi|1036758508|ref|XP_017156782.1| PREDICTED: trypsin-3 [Drosophila miranda]
>gi|1036850967|ref|XP_017139319.1| PREDICTED: delta-sarcoglycan [Drosophila miranda]
>gi|1036766628|ref|XP_017134584.1| PREDICTED: uncharacterized protein LOC108150793 [Drosophila
>gi|1036765469|ref|XP_017157173.1| PREDICTED: uncharacterized protein LOC108165607 [Drosophila
>gi|1036803038|ref|XP_017136656.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036802982|ref|XP_017136653.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036802961|ref|XP_017136652.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036802942|ref|XP_017136651.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036802924|ref|XP_017136650.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036803000|ref|XP_017136654.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036803019|ref|XP_017136655.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036803059|ref|XP 017136657.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036758526|ref|XP_017156783.1| PREDICTED: LOW QUALITY PROTEIN: TRAF3-interacting protein 1
>gi|1036776046|ref|XP 017135108.1| PREDICTED: neurobeachin isoform X5 [Drosophila miranda]
>gi|1036776063|ref|XP_017135109.1| PREDICTED: neurobeachin isoform X6 [Drosophila miranda]
>gi|1036776084|ref|XP_017135110.1| PREDICTED: neurobeachin isoform X7 [Drosophila miranda]
>gi|1036776196|ref|XP_017135116.1| PREDICTED: neurobeachin isoform X13 [Drosophila miranda]
>gi|1036776141|ref|XP_017135113.1| PREDICTED: neurobeachin isoform X10 [Drosophila miranda]
>gi|1036776234|ref|XP_017135118.1| PREDICTED: neurobeachin isoform X15 [Drosophila miranda]
>gi|1036776308|ref|XP_017135122.1| PREDICTED: proteasomal ubiquitin receptor ADRM1 homolog [Dref|XP_017135122.1]
>gi|1036776327|ref|XP_017135123.1| PREDICTED: proteasome subunit alpha type-3-like [Drosophila
>gi|1036776346|ref|XP_017135124.1| PREDICTED: uncharacterized protein LOC108151189 [Drosophila
>gi|1036776270|ref|XP_017135120.1| PREDICTED: uncharacterized protein LOC108151185 [Drosophila
>gi|1036776289|ref|XP_017135121.1| PREDICTED: uncharacterized protein LOC108151185 [Drosophila
>gi|1036776251|ref|XP_017135119.1| PREDICTED: uncharacterized abhydrolase domain-containing pro-
>gi|1036775966|ref|XP_017135104.1| PREDICTED: neurobeachin isoform X1 [Drosophila miranda]
>gi|1036776160|ref|XP 017135114.1| PREDICTED: neurobeachin isoform X11 [Drosophila miranda]
>gi|1036775985|ref|XP_017135105.1| PREDICTED: neurobeachin isoform X2 [Drosophila miranda]
>gi|1036776004|ref|XP_017135106.1| PREDICTED: neurobeachin isoform X3 [Drosophila miranda]
>gi|1036776023|ref|XP_017135107.1| PREDICTED: neurobeachin isoform X4 [Drosophila miranda]
>gi|1036776179|ref|XP_017135115.1| PREDICTED: neurobeachin isoform X12 [Drosophila miranda]
>gi|1036776103|ref|XP_017135111.1| PREDICTED: neurobeachin isoform X8 [Drosophila miranda]
>gi|1036776120|ref|XP_017135112.1| PREDICTED: neurobeachin isoform X9 [Drosophila miranda]
>gi|1036776215|ref|XP_017135117.1| PREDICTED: neurobeachin isoform X14 [Drosophila miranda]
>gi|1036776383|ref|XP_017135127.1| PREDICTED: 60S ribosomal protein L30-like [Drosophila miran
>gi|1036776365|ref|XP_017135125.1| PREDICTED: 60S ribosomal protein L30-like [Drosophila mirane
>gi|1036767718|ref|XP_017134642.1| PREDICTED: uncharacterized protein LOC108150849 [Drosophila
>gi|1036852578|ref|XP_017139419.1| PREDICTED: dnaJ homolog subfamily C member 7-like [Drosophi
>gi|1036764462|ref|XP_017157119.1| PREDICTED: uncharacterized protein LOC108165557 [Drosophila
>gi|1036773580|ref|XP_017134973.1| PREDICTED: uncharacterized protein LOC108151094 isoform X1
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>gi|1036773597|ref|XP_017134974.1| PREDICTED: uncharacterized protein LOC108151094 isoform X2
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>gi|1036773671|ref|XP_017134979.1| PREDICTED: uncharacterized protein LOC108151096 [Drosophila
>gi|1036773564|ref|XP_017134972.1| PREDICTED: cyclin-dependent kinase 7 [Drosophila miranda]
>gi|1036773690|ref|XP 017134980.1| PREDICTED: U1 small nuclear ribonucleoprotein A [Drosophila
>gi|1036773709|ref|XP_017134981.1| PREDICTED: thioredoxin-2 [Drosophila miranda]
>gi|1036773728|ref|XP 017134982.1| PREDICTED: thioredoxin-1 [Drosophila miranda]
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>gi|1036773413|ref|XP_017134963.1| PREDICTED: uncharacterized protein LOC108151089 [Drosophila
>gi|1036773542|ref|XP_017134971.1| PREDICTED: something about silencing protein 10 [Drosophila
>gi|1036773375|ref|XP_017134961.1| PREDICTED: RNA-binding protein 4F [Drosophila miranda]
>gi|1036773469|ref|XP_017134966.1| PREDICTED: acid phosphatase type 7 isoform X2 [Drosophila m
>gi|1036773523|ref|XP_017134970.1| PREDICTED: acid phosphatase type 7 isoform X5 [Drosophila m
>gi|1036773486|ref|XP_017134968.1| PREDICTED: acid phosphatase type 7 isoform X3 [Drosophila m
>gi|1036773505|ref|XP_017134969.1| PREDICTED: acid phosphatase type 7 isoform X4 [Drosophila m
>gi|1036773450|ref|XP_017134965.1| PREDICTED: acid phosphatase type 7 isoform X1 [Drosophila m
>gi|1036773652|ref|XP_017134978.1| PREDICTED: shematrin-like protein 2 isoform X3 [Drosophila i
>gi|1036773634|ref|XP_017134977.1| PREDICTED: glycine-rich cell wall structural protein 2 isof
>gi|1036773616|ref|XP_017134975.1| PREDICTED: glycine-rich RNA-binding protein 3, mitochondria
>gi|1036824695|ref|XP 017137850.1| PREDICTED: RNA-binding protein 33 [Drosophila miranda]
>gi|1036763208|ref|XP_017157053.1| PREDICTED: uncharacterized protein LOC108165508 [Drosophila
>gi|1036790788|ref|XP_017135965.1| PREDICTED: zinc finger protein 12 [Drosophila miranda]
>gi|1036790846|ref|XP_017135968.1| PREDICTED: probable 6-phosphogluconolactonase [Drosophila m
>gi|1036790807|ref|XP_017135966.1| PREDICTED: nuclear RNA export factor 1 [Drosophila miranda]
>gi|1036790825|ref|XP_017135967.1| PREDICTED: putative sodium-dependent multivitamin transport
>gi|1036790917|ref|XP_017135972.1| PREDICTED: uncharacterized protein LOC108151711 [Drosophila
>gi|1036790934|ref|XP_017135973.1| PREDICTED: uncharacterized protein LOC108151712 [Drosophila
>gi|1036790863|ref|XP_017135970.1| PREDICTED: uncharacterized protein LOC108151710 isoform X1
>gi|1036790882|ref|XP_017135971.1| PREDICTED: uncharacterized protein LOC108151710 isoform X2
>gi|1036812105|ref|XP_017137153.1| PREDICTED: uncharacterized protein LOC108152374 [Drosophila
>gi|1036812026|ref|XP_017137149.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036812047|ref|XP_017137150.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036812066|ref|XP_017137151.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036812087|ref|XP_017137152.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036832144|ref|XP 017138273.1| PREDICTED: pyruvate dehydrogenase phosphatase regulatory su
>gi|1036762241|ref|XP_017157000.1| PREDICTED: optomotor-blind protein [Drosophila miranda]
>gi|1036762365|ref|XP_017157008.1| PREDICTED: uncharacterized protein CG3556 [Drosophila miran
>gi|1036762403|ref|XP_017157010.1| PREDICTED: protein TonB [Drosophila miranda]
>gi|1036762223|ref|XP_017156999.1| PREDICTED: AP-3 complex subunit beta-2 [Drosophila miranda]
>gi|1036762437|ref|XP_017157012.1| PREDICTED: protein SREK1IP1 [Drosophila miranda]
>gi|1036762384|ref|XP_017157009.1| PREDICTED: uncharacterized protein LOC108165469 [Drosophila
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>gi|1036762455|ref|XP_017157014.1| PREDICTED: 60S ribosomal protein L7a [Drosophila miranda]
>gi|1036762259|ref|XP_017157002.1| PREDICTED: protein deltex [Drosophila miranda]
>gi|1036762014|ref|XP_017156992.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036762026|ref|XP_017156993.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036762131|ref|XP_017156994.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036762148|ref|XP_017156995.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
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>gi|1036762166|ref|XP_017156996.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036761940|ref|XP_017156988.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017156988.1]
>gi|1036761959|ref|XP_017156989.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017156989.1]
>gi|1036761998|ref|XP_017156991.1| PREDICTED: uncharacterized protein LOC108165461 isoform X3
>gi|1036762204|ref|XP 017156998.1| PREDICTED: uncharacterized protein LOC108165461 isoform X10
>gi|1036762186|ref|XP_017156997.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036762560|ref|XP 017157019.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036761977|ref|XP_017156990.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dr
>gi|1036762493|ref|XP_017157016.1| PREDICTED: uncharacterized protein LOC108165476 [Drosophila
>gi|1036762511|ref|XP_017157017.1| PREDICTED: 40S ribosomal protein S12, mitochondrial [Drosop
>gi|1036758542|ref|XP_017156784.1| PREDICTED: protein giant [Drosophila miranda]
>gi|1036762524|ref|XP_017157018.1| PREDICTED: uncharacterized protein LOC108165478 [Drosophila
>gi|1036758559|ref|XP_017156785.1| PREDICTED: LOW QUALITY PROTEIN: protein regulator of cytoki:
>gi|1036758578|ref|XP_017156786.1| PREDICTED: protein argonaute-2-like, partial [Drosophila mi
>gi|1036762474|ref|XP_017157015.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1036762347|ref|XP_017157007.1| PREDICTED: uncharacterized protein LOC108165467 isoform X4
>gi|1036762314|ref|XP_017157005.1| PREDICTED: uncharacterized protein LOC108165467 isoform X2
>gi|1036762295|ref|XP_017157004.1| PREDICTED: uncharacterized protein LOC108165467 isoform X1
>gi|1036762332|ref|XP_017157006.1| PREDICTED: uncharacterized protein LOC108165467 isoform X3
>gi|1036758596|ref|XP 017156787.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036762277|ref|XP_017157003.1| PREDICTED: zinc finger and BTB domain-containing protein 48
>gi|1036817445|ref|XP 017137449.1| PREDICTED: casein kinase I [Drosophila miranda]
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>gi|1036811117|ref|XP_017137102.1| PREDICTED: syntaxin-binding protein 5 isoform X2 [Drosophile
>gi|1036811155|ref|XP_017137104.1| PREDICTED: syntaxin-binding protein 5 isoform X4 [Drosophile
>gi|1036811078|ref|XP_017137100.1| PREDICTED: syntaxin-binding protein 5 isoform X1 [Drosophile
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>gi|1036811194|ref|XP_017137106.1| PREDICTED: syntaxin-binding protein 5 isoform X6 [Drosophile
>gi|1036811173|ref|XP_017137105.1| PREDICTED: syntaxin-binding protein 5 isoform X5 [Drosophile
>gi|1036811232|ref|XP_017137108.1| PREDICTED: putative glutathione-specific gamma-glutamylcycle
>gi|1036845029|ref|XP_017138984.1| PREDICTED: uncharacterized protein LOC108153465 [Drosophila
>gi|1036765005|ref|XP_017157146.1| PREDICTED: uncharacterized protein LOC108165585 [Drosophila
>gi|1036766684|ref|XP_017134587.1| PREDICTED: sperm flagellar protein 1 [Drosophila miranda]
>gi|1036825751|ref|XP 017137904.1| PREDICTED: NK1 transcription factor-related protein 2 [Dros
>gi|1036825694|ref|XP_017137900.1| PREDICTED: folylpolyglutamate synthase, mitochondrial [Dros
>gi|1036825713|ref|XP 017137901.1| PREDICTED: folylpolyglutamate synthase, mitochondrial [Dros
>gi|1036825732|ref|XP_017137903.1| PREDICTED: box C/D snoRNA protein 1 [Drosophila miranda]
>gi|1036800658|ref|XP_017136523.1| PREDICTED: uncharacterized protein LOC108152037 isoform X3
>gi|1036800675|ref|XP_017136524.1| PREDICTED: uncharacterized protein LOC108152037 isoform X4
>gi|1036800584|ref|XP_017136519.1| PREDICTED: uncharacterized protein LOC108152037 isoform X1
>gi|1036800603|ref|XP_017136520.1| PREDICTED: uncharacterized protein LOC108152037 isoform X2
>gi|1036800621|ref|XP 017136521.1| PREDICTED: uncharacterized protein LOC108152037 isoform X2
>gi|1036800639|ref|XP_017136522.1| PREDICTED: uncharacterized protein LOC108152037 isoform X2
>gi|1036837275|ref|XP_017138559.1| PREDICTED: ATP-binding cassette sub-family B member 8, mito-
>gi|1036823056|ref|XP_017137756.1| PREDICTED: LIM domain kinase 1 isoform X1 [Drosophila mirane
>gi|1036823075|ref|XP_017137757.1| PREDICTED: LIM domain kinase 1 isoform X1 [Drosophila miran-
>gi|1036823094|ref|XP_017137758.1| PREDICTED: LIM domain kinase 1 isoform X2 [Drosophila mirane
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>gi|1036819003|ref|XP_017137539.1| PREDICTED: interferon regulatory factor 2-binding protein-1
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>gi|1036833557|ref|XP_017138351.1| PREDICTED: uncharacterized protein LOC108153079 [Drosophila
>gi|1036833576|ref|XP_017138353.1| PREDICTED: larval cuticle protein LCP-17 [Drosophila mirand
>gi|1036837219|ref|XP 017138555.1| PREDICTED: rho GTPase-activating protein gacZ [Drosophila m
>gi|1036849748|ref|XP_017139248.1| PREDICTED: Meckel syndrome type 1 protein [Drosophila miran-
>gi|1036765417|ref|XP 017157169.1| PREDICTED: pupal cuticle protein 36 [Drosophila miranda]
>gi|1036831303|ref|XP_017138226.1| PREDICTED: uncharacterized protein LOC108152999 isoform X1
>gi|1036831322|ref|XP_017138227.1| PREDICTED: uncharacterized protein LOC108152999 isoform X2
>gi|1036831338|ref|XP_017138228.1| PREDICTED: uncharacterized protein LOC108152999 isoform X2
>gi|1036832992|ref|XP_017138319.1| PREDICTED: ras-related protein Rab-40C [Drosophila miranda]
>gi|1036758615|ref|XP_017156788.1| PREDICTED: glycine-rich cell wall structural protein 1.8 [Di
>gi|1036758634|ref|XP_017156789.1| PREDICTED: uncharacterized protein LOC108165264 [Drosophila
>gi|1036837488|ref|XP_017138572.1| PREDICTED: putative protein kinase C delta type homolog iso:
>gi|1036837506|ref|XP_017138573.1| PREDICTED: putative protein kinase C delta type homolog iso:
>gi|1036837522|ref|XP_017138574.1| PREDICTED: putative protein kinase C delta type homolog iso
>gi|1036837472|ref|XP_017138571.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1036837454|ref|XP_017138570.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1036764720|ref|XP_017157132.1| PREDICTED: sodium/potassium-transporting ATPase subunit bet
>gi|1036851255|ref|XP 017139337.1| PREDICTED: actin-57B-like [Drosophila miranda]
>gi|1036765890|ref|XP_017134545.1| PREDICTED: ubiquitin-conjugating enzyme E2 D2 [Drosophila m
>gi|1036766155|ref|XP 017134561.1| PREDICTED: protein arginine N-methyltransferase 1-B-like [Di
>gi|1036851579|ref|XP_017139357.1| PREDICTED: 14-3-3 protein epsilon-like [Drosophila miranda]
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>gi|1036850217|ref|XP_017139278.1| PREDICTED: uncharacterized protein LOC108153673 isoform X2
>gi|1036850198|ref|XP_017139277.1| PREDICTED: uncharacterized protein LOC108153673 isoform X1
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>gi|1036784154|ref|XP 017135589.1| PREDICTED: uncharacterized protein LOC108151472 isoform X2
>gi|1036839595|ref|XP_017138694.1| PREDICTED: cell surface glycoprotein 1 isoform X5 [Drosophi
>gi|1036839577|ref|XP_017138693.1| PREDICTED: cell surface glycoprotein 1 isoform X4 [Drosophi
>gi|1036839558|ref|XP_017138691.1| PREDICTED: cell surface glycoprotein 1 isoform X3 [Drosophi
>gi|1036839611|ref|XP_017138695.1| PREDICTED: cell surface glycoprotein 1 isoform X6 [Drosophi
>gi|1036839540|ref|XP_017138690.1| PREDICTED: cell surface glycoprotein 1 isoform X2 [Drosophi
>gi|1036839521|ref|XP_017138689.1| PREDICTED: cell surface glycoprotein 1 isoform X1 [Drosophi
>gi|1036758687|ref|XP_017156792.1| PREDICTED: ADP-ribosylation factor-like protein 3 [Drosophi
>gi|1036764599|ref|XP_017157125.1| PREDICTED: uncharacterized protein LOC108165561 [Drosophila
>gi|1036842018|ref|XP_017138823.1| PREDICTED: sporozoite surface protein 2 isoform X2 [Drosoph
>gi|1036841804|ref|XP_017138822.1| PREDICTED: proteoglycan 4 isoform X1 [Drosophila miranda]
>gi|1036758706|ref|XP_017156794.1| PREDICTED: protein cutoff-like [Drosophila miranda]
>gi|1036842214|ref|XP_017138835.1| PREDICTED: flightin [Drosophila miranda]
>gi|1036837630|ref|XP_017138581.1| PREDICTED: protein commissureless [Drosophila miranda]
>gi|1036848387|ref|XP_017139167.1| PREDICTED: uncharacterized protein LOC108153597 [Drosophila
>gi|1036848420|ref|XP_017139169.1| PREDICTED: uncharacterized protein LOC108153598 [Drosophila
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>gi|1036840797|ref|XP_017138761.1| PREDICTED: uncharacterized protein LOC108153336 [Drosophila
>gi|1036767145|ref|XP_017134615.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036765814|ref|XP_017134541.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036768422|ref|XP 017134681.1| PREDICTED: uncharacterized protein LOC108150883 [Drosophila
>gi|1036768703|ref|XP_017134696.1| PREDICTED: uncharacterized protein LOC108150897 [Drosophila
>gi|1036758723|ref|XP 017156795.1| PREDICTED: uncharacterized protein LOC108165271 [Drosophila
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>gi|1036805803|ref|XP_017136813.1| PREDICTED: uncharacterized protein LOC108152183 isoform X2
>gi|1036805765|ref|XP_017136811.1| PREDICTED: uncharacterized protein LOC108152183 isoform X1
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>gi|1036805822|ref|XP_017136814.1| PREDICTED: uncharacterized protein LOC108152183 isoform X3
>gi|1036805746|ref|XP_017136810.1| PREDICTED: zinc finger and BTB domain-containing protein 49
>gi|1036770123|ref|XP_017134776.1| PREDICTED: uncharacterized protein LOC108150953 [Drosophila
>gi|1036768344|ref|XP_017134678.1| PREDICTED: phosducin-like protein [Drosophila miranda]
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>gi|1036768134|ref|XP_017134665.1| PREDICTED: uncharacterized protein LOC108150872 isoform X2
>gi|1036768172|ref|XP_017134667.1| PREDICTED: rho GTPase-activating protein 20 isoform X4 [Dros
>gi|1036768327|ref|XP 017134676.1| PREDICTED: ubiquitin-conjugating enzyme E2 R2 [Drosophila m
>gi|1036768267|ref|XP_017134673.1| PREDICTED: probable aminoacyl tRNA synthase complex-interac
>gi|1036768246|ref|XP 017134672.1| PREDICTED: probable aminoacyl tRNA synthase complex-interac
>gi|1036768306|ref|XP_017134675.1| PREDICTED: probable aminoacyl tRNA synthase complex-interac
>gi|1036768286|ref|XP_017134674.1| PREDICTED: probable aminoacyl tRNA synthase complex-interac
>gi|1036768189|ref|XP_017134669.1| PREDICTED: U3 small nucleolar RNA-associated protein 14 home
>gi|1036768227|ref|XP_017134671.1| PREDICTED: general transcription factor IIH subunit 4 [Dros
>gi|1036768208|ref|XP_017134670.1| PREDICTED: probable Ufm1-specific protease 2 [Drosophila mi
>gi|1036768098|ref|XP_017134663.1| PREDICTED: microtubule-associated serine/threonine-protein
>gi|1036768078|ref|XP_017134662.1| PREDICTED: microtubule-associated serine/threonine-protein
>gi|1036772210|ref|XP_017134895.1| PREDICTED: DCN1-like protein [Drosophila miranda]
>gi|1036771984|ref|XP_017134882.1| PREDICTED: T-cell immunomodulatory protein [Drosophila mirated]
>gi|1036772002|ref|XP_017134883.1| PREDICTED: protein argonaute-2 [Drosophila miranda]
>gi|1036772367|ref|XP_017134903.1| PREDICTED: LOW QUALITY PROTEIN: protein disulfide-isomerase
>gi|1036772406|ref|XP_017134905.1| PREDICTED: LOW QUALITY PROTEIN: protein cutoff-like [Drosop
>gi|1036772040|ref|XP 017134885.1| PREDICTED: cyclic AMP response element-binding protein A is-
>gi|1036772021|ref|XP_017134884.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772057|ref|XP 017134886.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772075|ref|XP_017134887.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772092|ref|XP_017134888.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772115|ref|XP_017134889.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772134|ref|XP_017134890.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772153|ref|XP_017134891.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772172|ref|XP_017134892.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036758761|ref|XP_017156797.1| PREDICTED: uncharacterized protein LOC108165274 [Drosophila
>gi|1036772327|ref|XP_017134901.1| PREDICTED: uncharacterized protein LOC108151041 [Drosophila
>gi|1036772306|ref|XP_017134900.1| PREDICTED: uncharacterized protein LOC108151040 [Drosophila
>gi|1036758779|ref|XP_017156799.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036772287|ref|XP_017134899.1| PREDICTED: BAG family molecular chaperone regulator 2 isofo
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>gi|1036772230|ref|XP_017134896.1| PREDICTED: BAG family molecular chaperone regulator 2 isoform
>gi|1036772248|ref|XP_017134897.1| PREDICTED: BAG family molecular chaperone regulator 2 isoform
>gi|1036772268|ref|XP_017134898.1| PREDICTED: BAG family molecular chaperone regulator 2 isofo
>gi|1036772193|ref|XP_017134893.1| PREDICTED: uncharacterized protein LOC108151037 [Drosophila
>gi|1036772385|ref|XP 017134904.1| PREDICTED: protein midgut expression 1 [Drosophila miranda]
>gi|1036772341|ref|XP_017134902.1| PREDICTED: uncharacterized protein LOC108151042 [Drosophila
>gi|1036834954|ref|XP_017138421.1| PREDICTED: peptide methionine sulfoxide reductase isoform X
>gi|1036834935|ref|XP_017138420.1| PREDICTED: peptide methionine sulfoxide reductase isoform X
>gi|1036834970|ref|XP_017138422.1| PREDICTED: peptide methionine sulfoxide reductase isoform X
>gi|1036834989|ref|XP_017138423.1| PREDICTED: gonadal protein gdl isoform X1 [Drosophila miran-
>gi|1036835004|ref|XP_017138424.1| PREDICTED: gonadal protein gdl isoform X2 [Drosophila miran
>gi|1036763476|ref|XP 017157068.1| PREDICTED: protein Z600 [Drosophila miranda]
>gi|1036841769|ref|XP_017138820.1| PREDICTED: uncharacterized protein LOC108153364 [Drosophila
>gi|1036822908|ref|XP_017137747.1| PREDICTED: OTU domain-containing protein 6B [Drosophila mire
>gi|1036822925|ref|XP_017137748.1| PREDICTED: sugar transporter SWEET1 [Drosophila miranda]
>gi|1036822889|ref|XP_017137746.1| PREDICTED: DDB1- and CUL4-associated factor 13 [Drosophila 1
>gi|1036835719|ref|XP_017138466.1| PREDICTED: uncharacterized protein LOC108153172 [Drosophila
>gi|1036835738|ref|XP 017138468.1| PREDICTED: mpv17-like protein isoform X1 [Drosophila mirand
>gi|1036835756|ref|XP_017138469.1| PREDICTED: mpv17-like protein isoform X2 [Drosophila mirand
>gi|1036835776|ref|XP 017138470.1| PREDICTED: mpv17-like protein isoform X2 [Drosophila mirand
>gi|1036829575|ref|XP_017138124.1| PREDICTED: protein toll [Drosophila miranda]
>gi|1036823723|ref|XP 017137793.1| PREDICTED: cationic amino acid transporter 2 isoform X2 [Dref|XP 017137793.1]
>gi|1036823665|ref|XP_017137790.1| PREDICTED: high affinity cationic amino acid transporter 1
>gi|1036823683|ref|XP_017137791.1| PREDICTED: high affinity cationic amino acid transporter 1
>gi|1036823704|ref|XP_017137792.1| PREDICTED: high affinity cationic amino acid transporter 1
>gi|1036823740|ref|XP_017137794.1| PREDICTED: bestrophin-2 [Drosophila miranda]
>gi|1036852454|ref|XP_017139412.1| PREDICTED: bestrophin-4 [Drosophila miranda]
>gi|1036813967|ref|XP_017137253.1| PREDICTED: protein toll [Drosophila miranda]
>gi|1036782493|ref|XP_017135490.1| PREDICTED: endoplasmic reticulum-Golgi intermediate comparts
>gi|1036782507|ref|XP_017135491.1| PREDICTED: reactive oxygen species modulator 1 [Drosophila i
>gi|1036782455|ref|XP_017135488.1| PREDICTED: U4/U6 small nuclear ribonucleoprotein Prp31 [Dros
>gi|1036782379|ref|XP_017135484.1| PREDICTED: probable DNA mismatch repair protein Msh6 [Droso
>gi|1036782397|ref|XP_017135485.1| PREDICTED: glycoprotein 3-alpha-L-fucosyltransferase A [Droplet of the content of the conte
>gi|1036782419|ref|XP_017135486.1| PREDICTED: glycoprotein 3-alpha-L-fucosyltransferase A [Dros
>gi|1036782437|ref|XP_017135487.1| PREDICTED: glycoprotein 3-alpha-L-fucosyltransferase A [Dros
>gi|1036782474|ref|XP_017135489.1| PREDICTED: peroxisomal biogenesis factor 3 [Drosophila mirated
>gi|1036815904|ref|XP_017137361.1| PREDICTED: pyroglutamyl-peptidase 1 [Drosophila miranda]
>gi|1036815923|ref|XP_017137362.1| PREDICTED: uncharacterized protein LOC108152498 [Drosophila
>gi|1036815883|ref|XP_017137360.1| PREDICTED: protein disulfide-isomerase [Drosophila miranda]
>gi|1036790178|ref|XP_017135932.1| PREDICTED: uncharacterized protein DDB_G0284459 isoform X1
>gi|1036790197|ref|XP_017135933.1| PREDICTED: uncharacterized protein DDB_G0284459 isoform X2
>gi|1036790215|ref|XP_017135934.1| PREDICTED: uncharacterized protein DDB_G0284459 isoform X2
>gi|1036790236|ref|XP_017135935.1| PREDICTED: uncharacterized protein DDB_G0284459 isoform X2
>gi|1036790159|ref|XP_017135931.1| PREDICTED: centrosomal protein of 135 kDa isoform X4 [Droso
>gi|1036790064|ref|XP_017135926.1| PREDICTED: uncharacterized protein LOC108151691 isoform X1
>gi|1036790083|ref|XP_017135927.1| PREDICTED: uncharacterized protein LOC108151691 isoform X2
>gi|1036790140|ref|XP_017135930.1| PREDICTED: centrosomal protein of 135 kDa isoform X3 [Droso
>gi|1036790121|ref|XP_017135929.1| PREDICTED: centrosomal protein of 135 kDa isoform X2 [Droso
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>gi|1036790102|ref|XP 017135928.1| PREDICTED: centrosomal protein of 135 kDa isoform X1 [Droso
>gi|1036790252|ref|XP_017135936.1| PREDICTED: uncharacterized protein LOC108151695 isoform X1
>gi|1036790269|ref|XP_017135937.1| PREDICTED: uncharacterized protein LOC108151695 isoform X2
>gi|1036852144|ref|XP_017139393.1| PREDICTED: uncharacterized protein LOC108153765 [Drosophila
>gi|1036813503|ref|XP 017137226.1| PREDICTED: CTP synthase isoform X1 [Drosophila miranda]
>gi|1036813557|ref|XP_017137229.1| PREDICTED: CTP synthase isoform X3 [Drosophila miranda]
>gi|1036813522|ref|XP 017137227.1| PREDICTED: uncharacterized protein LOC108152422 isoform X2
>gi|1036813537|ref|XP_017137228.1| PREDICTED: uncharacterized protein LOC108152422 isoform X2
>gi|1036813597|ref|XP_017137231.1| PREDICTED: uncharacterized protein LOC108152423 isoform X2
>gi|1036813578|ref|XP_017137230.1| PREDICTED: uncharacterized protein LOC108152423 isoform X1
>gi|1036833393|ref|XP_017138343.1| PREDICTED: glycine--tRNA ligase [Drosophila miranda]
>gi|1036777693|ref|XP 017135206.1| PREDICTED: putative uncharacterized protein DDB G0271606 [D:
>gi|1036777453|ref|XP_017135192.1| PREDICTED: A-kinase anchor protein 9 isoform X2 [Drosophila
>gi|1036777509|ref|XP_017135196.1| PREDICTED: golgin subfamily A member 4 isoform X5 [Drosophi
>gi|1036777528|ref|XP_017135197.1| PREDICTED: golgin subfamily A member 4 isoform X6 [Drosophi
>gi|1036777566|ref|XP_017135199.1| PREDICTED: pericentrin isoform X8 [Drosophila miranda]
>gi|1036777472|ref|XP_017135193.1| PREDICTED: A-kinase anchor protein 9 isoform X3 [Drosophila
>gi|1036777547|ref|XP_017135198.1| PREDICTED: golgin subfamily A member 4 isoform X7 [Drosophi
>gi|1036777582|ref|XP_017135200.1| PREDICTED: pericentrin isoform X9 [Drosophila miranda]
>gi|1036777601|ref|XP 017135201.1| PREDICTED: pericentrin isoform X10 [Drosophila miranda]
>gi|1036777620|ref|XP_017135202.1| PREDICTED: golgin subfamily A member 4 isoform X11 [Drosoph
>gi|1036777434|ref|XP 017135191.1| PREDICTED: A-kinase anchor protein 9 isoform X1 [Drosophila
>gi|1036777490|ref|XP_017135195.1| PREDICTED: A-kinase anchor protein 9 isoform X4 [Drosophila
>gi|1036777637|ref|XP_017135203.1| PREDICTED: A-kinase anchor protein 9 isoform X12 [Drosophile
>gi|1036777786|ref|XP_017135212.1| PREDICTED: putative odorant receptor 71a [Drosophila mirand
>gi|1036777656|ref|XP_017135204.1| PREDICTED: pericentrin isoform X13 [Drosophila miranda]
>gi|1036777675|ref|XP_017135205.1| PREDICTED: trichohyalin isoform X14 [Drosophila miranda]
>gi|1036777824|ref|XP_017135214.1| PREDICTED: uncharacterized protein LOC108151228 [Drosophila
>gi|1036777842|ref|XP_017135215.1| PREDICTED: uncharacterized protein LOC108151229 [Drosophila
>gi|1036777905|ref|XP_017135219.1| PREDICTED: prostatic spermine-binding protein [Drosophila m
>gi|1036777870|ref|XP_017135218.1| PREDICTED: probable DNA-directed RNA polymerase subunit del
>gi|1036777857|ref|XP_017135216.1| PREDICTED: uncharacterized protein LOC108151230 [Drosophila
>gi|1036777767|ref|XP_017135211.1| PREDICTED: synaptotagmin-5 isoform X2 [Drosophila miranda]
>gi|1036777805|ref|XP_017135213.1| PREDICTED: GS homeobox 1 [Drosophila miranda]
>gi|1036777710|ref|XP 017135207.1| PREDICTED: synaptotagmin-3 isoform X1 [Drosophila miranda]
>gi|1036777729|ref|XP_017135208.1| PREDICTED: synaptotagmin-3 isoform X1 [Drosophila miranda]
>gi|1036777748|ref|XP 017135210.1| PREDICTED: synaptotagmin-3 isoform X1 [Drosophila miranda]
>gi|1036765796|ref|XP_017134540.1| PREDICTED: uncharacterized protein LOC108150757 [Drosophila
>gi|1036829999|ref|XP_017138148.1| PREDICTED: reversion-inducing cysteine-rich protein with Ka
>gi|1036830018|ref|XP_017138149.1| PREDICTED: reversion-inducing cysteine-rich protein with Ka
>gi|1036830037|ref|XP_017138150.1| PREDICTED: proteasome subunit beta type-7 [Drosophila miran-
>gi|1036833027|ref|XP_017138321.1| PREDICTED: 39S ribosomal protein L39, mitochondrial [Drosop
>gi|1036833010|ref|XP_017138320.1| PREDICTED: zinc transporter ZIP10 [Drosophila miranda]
>gi|1036821311|ref|XP_017137658.1| PREDICTED: Y+L amino acid transporter 2 [Drosophila miranda]
>gi|1036821330|ref|XP_017137659.1| PREDICTED: Y+L amino acid transporter 2 [Drosophila miranda]
>gi|1036821349|ref|XP_017137660.1| PREDICTED: angio-associated migratory cell protein [Drosoph
>gi|1036848860|ref|XP_017139195.1| PREDICTED: uncharacterized protein LOC108153608 isoform X2
>gi|1036848841|ref|XP_017139194.1| PREDICTED: uncharacterized protein LOC108153608 isoform X1
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>gi|1036763155|ref|XP_017157052.1| PREDICTED: enhancer of split malpha protein [Drosophila mire
>gi|1036763331|ref|XP_017157059.1| PREDICTED: uncharacterized protein LOC108165514 [Drosophila
>gi|1036846698|ref|XP_017139073.1| PREDICTED: enhancer of split malpha protein [Drosophila mire
>gi|1036850162|ref|XP_017139274.1| PREDICTED: uridine phosphorylase 1-like [Drosophila miranda]
>gi|1036763315|ref|XP 017157058.1| PREDICTED: uncharacterized protein LOC108165513 [Drosophila
>gi|1036758797|ref|XP_017156800.1| PREDICTED: uncharacterized protein LOC108165276 [Drosophila
>gi|1036849104|ref|XP 017139209.1| PREDICTED: echinoderm microtubule-associated protein-like C
>gi|1036767087|ref|XP_017134612.1| PREDICTED: uncharacterized protein LOC108150817 isoform X1
>gi|1036767108|ref|XP_017134613.1| PREDICTED: uncharacterized protein LOC108150817 isoform X2
>gi|1036830096|ref|XP_017138154.1| PREDICTED: Ig-like and fibronectin type-III domain-containing
>gi|1036812414|ref|XP_017137171.1| PREDICTED: uncharacterized protein LOC108152385 [Drosophila
>gi|1036812336|ref|XP 017137166.1| PREDICTED: probable helicase with zinc finger domain [Droso
>gi|1036812359|ref|XP_017137167.1| PREDICTED: probable helicase with zinc finger domain [Droso
>gi|1036812376|ref|XP_017137168.1| PREDICTED: probable helicase with zinc finger domain [Droso
>gi|1036812395|ref|XP_017137169.1| PREDICTED: probable helicase with zinc finger domain [Droso
>gi|1036838573|ref|XP_017138637.1| PREDICTED: H/ACA ribonucleoprotein complex subunit 2-like p
>gi|1036833046|ref|XP_017138322.1| PREDICTED: tudor domain-containing protein 3 [Drosophila mi
>gi|1036827923|ref|XP_017138033.1| PREDICTED: patatin-like phospholipase domain-containing pro-
>gi|1036811742|ref|XP_017137134.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 2
>gi|1036825053|ref|XP_017137867.1| PREDICTED: alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylg
>gi|1036825071|ref|XP_017137868.1| PREDICTED: alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylg
>gi|1036825088|ref|XP_017137870.1| PREDICTED: alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylg
>gi|1036825107|ref|XP_017137871.1| PREDICTED: alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylg
>gi|1036774850|ref|XP_017135049.1| PREDICTED: uncharacterized protein LOC108151135 [Drosophila
>gi|1036774781|ref|XP_017135044.1| PREDICTED: transcription factor GAGA isoform X4 [Drosophila
>gi|1036774727|ref|XP_017135042.1| PREDICTED: transcription factor GAGA isoform X2 [Drosophila
>gi|1036774762|ref|XP_017135043.1| PREDICTED: transcription factor GAGA isoform X3 [Drosophila
>gi|1036774708|ref|XP_017135041.1| PREDICTED: transcription factor GAGA isoform X1 [Drosophila
>gi|1036774816|ref|XP_017135046.1| PREDICTED: protein roadkill [Drosophila miranda]
>gi|1036774632|ref|XP_017135037.1| PREDICTED: venom dipeptidyl peptidase 4 isoform X1 [Drosoph
>gi|1036774651|ref|XP_017135038.1| PREDICTED: venom dipeptidyl peptidase 4 isoform X2 [Drosoph
>gi|1036774670|ref|XP_017135039.1| PREDICTED: venom dipeptidyl peptidase 4 isoform X3 [Drosoph
>gi|1036774903|ref|XP_017135052.1| PREDICTED: thioredoxin-2 [Drosophila miranda]
>gi|1036774885|ref|XP_017135051.1| PREDICTED: uncharacterized protein LOC108151137 [Drosophila
>gi|1036774689|ref|XP 017135040.1| PREDICTED: myosin heavy chain, striated muscle [Drosophila a
>gi|1036774922|ref|XP_017135053.1| PREDICTED: uncharacterized protein LOC108151139 [Drosophila
>gi|1036774868|ref|XP_017135050.1| PREDICTED: uncharacterized protein LOC108151136 [Drosophila
>gi|1036774943|ref|XP_017135054.1| PREDICTED: uncharacterized protein LOC108151140 [Drosophila
>gi|1036774834|ref|XP_017135048.1| PREDICTED: protein PIH1D3 [Drosophila miranda]
>gi|1036774799|ref|XP_017135045.1| PREDICTED: venom protease [Drosophila miranda]
>gi|1036815942|ref|XP_017137363.1| PREDICTED: glypican-4 [Drosophila miranda]
>gi|1036834338|ref|XP_017138384.1| PREDICTED: polycystic kidney disease 2-like 2 protein [Dros
>gi|1036834375|ref|XP_017138386.1| PREDICTED: nucleoside-triphosphatase THEP1 [Drosophila mirated
>gi|1036834356|ref|XP_017138385.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC5 [Drawn of the content of the conten
>gi|1036835252|ref|XP_017138439.1| PREDICTED: methyltransferase-like protein 22 [Drosophila mi
>gi|1036835236|ref|XP_017138437.1| PREDICTED: decaprenyl-diphosphate synthase subunit 2 [Droso
>gi|1036801320|ref|XP_017136561.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036801339|ref|XP_017136562.1| PREDICTED: mediator of RNA polymerase II transcription subu
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>gi|1036801358|ref|XP_017136563.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036801377|ref|XP_017136565.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036764686|ref|XP_017157130.1| PREDICTED: uncharacterized protein LOC108165567 [Drosophila
>gi|1036851440|ref|XP_017139348.1| PREDICTED: uncharacterized protein LOC108153730 [Drosophila
>gi|1036843488|ref|XP 017138907.1| PREDICTED: uncharacterized protein LOC108153417 isoform X1
>gi|1036843507|ref|XP_017138908.1| PREDICTED: uncharacterized protein LOC108153417 isoform X2
>gi|1036843526|ref|XP 017138909.1| PREDICTED: uncharacterized protein LOC108153417 isoform X3
>gi|1036843471|ref|XP_017138906.1| PREDICTED: uncharacterized protein LOC108153416 [Drosophila
>gi|1036843545|ref|XP_017138910.1| PREDICTED: trypsin alpha-3 [Drosophila miranda]
>gi|1036840814|ref|XP_017138762.1| PREDICTED: fringe glycosyltransferase [Drosophila miranda]
>gi|1036840831|ref|XP_017138763.1| PREDICTED: uncharacterized protein LOC108153339 [Drosophila
>gi|1036758816|ref|XP_017156801.1| PREDICTED: uncharacterized protein LOC108165277 [Drosophila
>gi|1036830224|ref|XP_017138163.1| PREDICTED: uncharacterized protein LOC108152966 isoform X1
>gi|1036830241|ref|XP_017138164.1| PREDICTED: uncharacterized protein LOC108152966 isoform X2
>gi|1036830316|ref|XP_017138168.1| PREDICTED: proteasome subunit alpha type-1-like [Drosophila
>gi|1036830260|ref|XP_017138165.1| PREDICTED: zinc finger protein 48 isoform X1 [Drosophila mi
>gi|1036830279|ref|XP_017138166.1| PREDICTED: zinc finger protein 48 isoform X1 [Drosophila mi
>gi|1036830298|ref|XP_017138167.1| PREDICTED: zinc finger protein 48 isoform X2 [Drosophila mi
>gi|1036840407|ref|XP_017138739.1| PREDICTED: transcriptional protein SWT1 isoform X1 [Drosoph
>gi|1036840423|ref|XP 017138740.1| PREDICTED: transcriptional protein SWT1 isoform X2 [Drosoph
>gi|1036798087|ref|XP_017136377.1| PREDICTED: ADP-ribosylation factor 1-like isoform X2 [Droso
>gi|1036798068|ref|XP 017136376.1| PREDICTED: ADP-ribosylation factor 1-like isoform X1 [Droso
>gi|1036798105|ref|XP_017136378.1| PREDICTED: ADP-ribosylation factor 1-like isoform X1 [Droso
>gi|1036797978|ref|XP_017136371.1| PREDICTED: COP9 signalosome complex subunit 3 isoform X1 [Di
>gi|1036797997|ref|XP_017136372.1| PREDICTED: COP9 signalosome complex subunit 3 isoform X2 [D:
>gi|1036798161|ref|XP_017136381.1| PREDICTED: uncharacterized protein LOC108151954 [Drosophila
>gi|1036798052|ref|XP_017136375.1| PREDICTED: uncharacterized protein LOC108151949 [Drosophila
>gi|1036798014|ref|XP_017136373.1| PREDICTED: cAMP-dependent protein kinase type I regulatory
>gi|1036798033|ref|XP_017136374.1| PREDICTED: cAMP-dependent protein kinase type I regulatory
>gi|1036798143|ref|XP_017136380.1| PREDICTED: uncharacterized protein LOC108151953 [Drosophila
>gi|1036798124|ref|XP_017136379.1| PREDICTED: uncharacterized protein LOC108151952 [Drosophila
>gi|1036797960|ref|XP_017136370.1| PREDICTED: uncharacterized protein LOC108151946 [Drosophila
>gi|1036800529|ref|XP_017136514.1| PREDICTED: neurofilament heavy polypeptide isoform X2 [Dros
>gi|1036800510|ref|XP_017136513.1| PREDICTED: uncharacterized protein LOC108152034 isoform X1
>gi|1036800565|ref|XP 017136518.1| PREDICTED: protein ST7 homolog [Drosophila miranda]
>gi|1036800548|ref|XP_017136515.1| PREDICTED: uncharacterized protein LOC108152035 [Drosophila
>gi|1036806686|ref|XP 017136858.1| PREDICTED: translocation protein SEC63 homolog [Drosophila 1
>gi|1036806723|ref|XP_017136860.1| PREDICTED: neurofilament medium polypeptide isoform X2 [Dros
>gi|1036806704|ref|XP_017136859.1| PREDICTED: methyl-CpG-binding domain-containing protein 10
>gi|1036811459|ref|XP_017137118.1| PREDICTED: akirin [Drosophila miranda]
>gi|1036811478|ref|XP_017137120.1| PREDICTED: sphingomyelin synthase-related 1 [Drosophila mire
>gi|1036822326|ref|XP_017137714.1| PREDICTED: nuclear valosin-containing protein-like isoform
>gi|1036822345|ref|XP_017137715.1| PREDICTED: nuclear valosin-containing protein-like isoform
>gi|1036822364|ref|XP_017137716.1| PREDICTED: nuclear valosin-containing protein-like isoform
>gi|1036822383|ref|XP_017137717.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036851560|ref|XP_017139356.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036764838|ref|XP_017157139.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036764003|ref|XP_017157099.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
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>gi|1036851726|ref|XP_017139366.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036850303|ref|XP_017139281.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036831754|ref|XP_017138250.1| PREDICTED: ras-related protein Rac2 [Drosophila miranda]
>gi|1036831716|ref|XP_017138248.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036831735|ref|XP 017138249.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036766702|ref|XP_017134589.1| PREDICTED: pickpocket protein 28 [Drosophila miranda]
>gi|1036766270|ref|XP 017134563.1| PREDICTED: protein late bloomer isoform X1 [Drosophila mirate
>gi|1036766289|ref|XP_017134564.1| PREDICTED: protein late bloomer isoform X2 [Drosophila mirate
>gi|1036766308|ref|XP_017134565.1| PREDICTED: protein late bloomer isoform X3 [Drosophila mirated)
>gi|1036769646|ref|XP_017134752.1| PREDICTED: cuticle protein 76 [Drosophila miranda]
>gi|1036768775|ref|XP_017134700.1| PREDICTED: cuticle protein 16.5 [Drosophila miranda]
>gi|1036768517|ref|XP_017134686.1| PREDICTED: uncharacterized protein LOC108150888 isoform X1
>gi|1036768536|ref|XP_017134687.1| PREDICTED: uncharacterized protein LOC108150888 isoform X2
>gi|1036768558|ref|XP_017134688.1| PREDICTED: uncharacterized protein LOC108150888 isoform X3
>gi|1036787543|ref|XP_017135780.1| PREDICTED: probable cytochrome P450 316a1 [Drosophila miran
>gi|1036787505|ref|XP_017135778.1| PREDICTED: cytochrome P450 4d8 isoform X1 [Drosophila mirane
>gi|1036787524|ref|XP_017135779.1| PREDICTED: cytochrome P450 4d8 isoform X2 [Drosophila miran-
>gi|1036787559|ref|XP_017135781.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036758835|ref|XP_017156802.1| PREDICTED: zinc carboxypeptidase-like [Drosophila miranda]
>gi|1036787577|ref|XP 017135782.1| PREDICTED: cuticle protein LPCP-23 [Drosophila miranda]
>gi|1036787372|ref|XP_017135770.1| PREDICTED: large proline-rich protein BAG6 isoform X1 [Dros
>gi|1036787391|ref|XP_017135772.1| PREDICTED: large proline-rich protein BAG6 isoform X1 [Dros
>gi|1036787410|ref|XP_017135773.1| PREDICTED: large proline-rich protein BAG6 isoform X1 [Dros
>gi|1036787446|ref|XP_017135775.1| PREDICTED: large proline-rich protein BAG6 isoform X3 [Drose
>gi|1036787429|ref|XP_017135774.1| PREDICTED: large proline-rich protein BAG6 isoform X2 [Dros
>gi|1036787467|ref|XP_017135776.1| PREDICTED: large proline-rich protein BAG6 isoform X4 [Dros
>gi|1036787486|ref|XP_017135777.1| PREDICTED: insulin-like growth factor-binding protein comple
>gi|1036814640|ref|XP_017137292.1| PREDICTED: epsin-1 isoform X1 [Drosophila miranda]
>gi|1036814661|ref|XP_017137293.1| PREDICTED: epsin-1 isoform X1 [Drosophila miranda]
>gi|1036814698|ref|XP_017137295.1| PREDICTED: epsin-1 isoform X3 [Drosophila miranda]
>gi|1036814717|ref|XP_017137296.1| PREDICTED: epsin-1 isoform X4 [Drosophila miranda]
>gi|1036814736|ref|XP_017137297.1| PREDICTED: epsin-1 isoform X5 [Drosophila miranda]
>gi|1036814680|ref|XP_017137294.1| PREDICTED: epsin-1 isoform X2 [Drosophila miranda]
>gi|1036764616|ref|XP_017157126.1| PREDICTED: trypsin [Drosophila miranda]
>gi|1036758851|ref|XP 017156803.1| PREDICTED: trypsin beta-like [Drosophila miranda]
>gi|1036758870|ref|XP_017156804.1| PREDICTED: proteoglycan 4 [Drosophila miranda]
>gi|1036846846|ref|XP_017139081.1| PREDICTED: WD repeat-containing protein 63 [Drosophila mirates
>gi|1036850818|ref|XP_017139311.1| PREDICTED: gamma-tubulin complex component 2 homolog [Droso
>gi|1036814926|ref|XP_017137308.1| PREDICTED: uncharacterized protein LOC108152455 [Drosophila
>gi|1036814850|ref|XP_017137304.1| PREDICTED: uncharacterized protein LOC108152453 isoform X1
>gi|1036814888|ref|XP_017137306.1| PREDICTED: protein late bloomer-like isoform X1 [Drosophila
>gi|1036814907|ref|XP_017137307.1| PREDICTED: uncharacterized protein LOC108152454 isoform X2
>gi|1036814869|ref|XP_017137305.1| PREDICTED: pleckstrin homology domain-containing family G m
>gi|1036814966|ref|XP_017137309.1| PREDICTED: ubiquitin-related modifier 1 homolog [Drosophila
>gi|1036836279|ref|XP_017138500.1| PREDICTED: uncharacterized protein LOC108153193 [Drosophila
>gi|1036836298|ref|XP_017138501.1| PREDICTED: transmembrane protein 70 homolog, mitochondrial
>gi|1036758889|ref|XP_017156805.1| PREDICTED: peptidoglycan-recognition protein SD [Drosophila
>gi|1036836598|ref|XP_017138520.1| PREDICTED: uncharacterized protein LOC108153209 [Drosophila
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>gi|1036798880|ref|XP_017136422.1| PREDICTED: ankyrin-3 isoform X5 [Drosophila miranda]
>gi|1036798842|ref|XP_017136420.1| PREDICTED: ankyrin-2 isoform X3 [Drosophila miranda]
>gi|1036798823|ref|XP_017136419.1| PREDICTED: ankyrin-2 isoform X2 [Drosophila miranda]
>gi|1036798787|ref|XP_017136417.1| PREDICTED: ankyrin-2 isoform X1 [Drosophila miranda]
>gi|1036798804|ref|XP 017136418.1| PREDICTED: ankyrin-2 isoform X1 [Drosophila miranda]
>gi|1036798961|ref|XP_017136427.1| PREDICTED: ankyrin-2 isoform X9 [Drosophila miranda]
>gi|1036798941|ref|XP 017136426.1| PREDICTED: ankyrin-2 isoform X8 [Drosophila miranda]
>gi|1036798998|ref|XP_017136429.1| PREDICTED: ankyrin-2 isoform X11 [Drosophila miranda]
>gi|1036798979|ref|XP_017136428.1| PREDICTED: ankyrin-2 isoform X10 [Drosophila miranda]
>gi|1036798922|ref|XP_017136425.1| PREDICTED: ankyrin-2 isoform X7 [Drosophila miranda]
>gi|1036798861|ref|XP_017136421.1| PREDICTED: ankyrin-2 isoform X4 [Drosophila miranda]
>gi|1036799016|ref|XP_017136430.1| PREDICTED: uncharacterized protein LOC108151976 [Drosophila
>gi|1036798899|ref|XP_017136423.1| PREDICTED: ankyrin-3 isoform X6 [Drosophila miranda]
>gi|1036794192|ref|XP_017136157.1| PREDICTED: probable medium-chain specific acyl-CoA dehydrog
>gi|1036794140|ref|XP_017136154.1| PREDICTED: tonsoku-like protein [Drosophila miranda]
>gi|1036794156|ref|XP_017136155.1| PREDICTED: zinc finger RNA-binding protein isoform X1 [Dros
>gi|1036794174|ref|XP_017136156.1| PREDICTED: zinc finger RNA-binding protein isoform X2 [Dros
>gi|1036819780|ref|XP_017137580.1| PREDICTED: integrator complex subunit 9 [Drosophila miranda]
>gi|1036819761|ref|XP_017137579.1| PREDICTED: isoleucine--tRNA ligase, mitochondrial [Drosophi
>gi|1036849676|ref|XP_017139244.1| PREDICTED: ATP synthase subunit beta, mitochondrial [Drosop
>gi|1036778461|ref|XP_017135254.1| PREDICTED: uncharacterized protein LOC108151250 [Drosophila
>gi|1036778443|ref|XP_017135253.1| PREDICTED: H(+)/Cl(-) exchange transporter 3 [Drosophila mi
>gi|1036778479|ref|XP_017135255.1| PREDICTED: threonine aspartase 1 [Drosophila miranda]
>gi|1036778497|ref|XP_017135257.1| PREDICTED: uncharacterized protein LOC108151252 [Drosophila
>gi|1036778423|ref|XP_017135252.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778388|ref|XP_017135250.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778367|ref|XP_017135249.1| PREDICTED: protein phosphatase 1 regulatory subunit 12A iso
>gi|1036778405|ref|XP_017135251.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778348|ref|XP_017135248.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778183|ref|XP_017135238.1| PREDICTED: protein phosphatase 1 regulatory subunit 12A iso
>gi|1036778166|ref|XP_017135237.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778311|ref|XP_017135246.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778255|ref|XP 017135243.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778236|ref|XP_017135241.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778217|ref|XP_017135240.1| PREDICTED: protein phosphatase 1 regulatory subunit 12A iso
>gi|1036778200|ref|XP_017135239.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778274|ref|XP_017135244.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778149|ref|XP_017135236.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778293|ref|XP_017135245.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778329|ref|XP_017135247.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036813691|ref|XP_017137237.1| PREDICTED: death-associated inhibitor of apoptosis 1 isoform
>gi|1036813616|ref|XP_017137232.1| PREDICTED: death-associated inhibitor of apoptosis 1 isoform
>gi|1036813635|ref|XP 017137233.1| PREDICTED: death-associated inhibitor of apoptosis 1 isoform
>gi|1036813653|ref|XP_017137234.1| PREDICTED: death-associated inhibitor of apoptosis 1 isoform
>gi|1036813672|ref|XP_017137236.1| PREDICTED: death-associated inhibitor of apoptosis 1 isoform
>gi|1036830115|ref|XP_017138155.1| PREDICTED: uncharacterized protein LOC108152963 [Drosophila
>gi|1036830170|ref|XP_017138159.1| PREDICTED: uncharacterized protein LOC108152965 isoform X1
>gi|1036830205|ref|XP_017138162.1| PREDICTED: uncharacterized protein LOC108152965 isoform X3
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>gi|1036830187|ref|XP_017138160.1| PREDICTED: uncharacterized protein LOC108152965 isoform X2
>gi|1036830133|ref|XP_017138157.1| PREDICTED: uncharacterized protein LOC108152964 [Drosophila
>gi|1036830152|ref|XP_017138158.1| PREDICTED: uncharacterized protein LOC108152964 [Drosophila
>gi|1036824294|ref|XP_017137825.1| PREDICTED: uncharacterized protein LOC108152764 isoform X1
>gi|1036824313|ref|XP 017137827.1| PREDICTED: putative dipeptidase CPC735 014430 isoform X2 [Di
>gi|1036824452|ref|XP_017137836.1| PREDICTED: mpv17-like protein 2 isoform X1 [Drosophila mirated]
>gi|1036824469|ref|XP 017137837.1| PREDICTED: mpv17-like protein 2 isoform X2 [Drosophila mirated
>gi|1036824415|ref|XP_017137833.1| PREDICTED: uncharacterized protein LOC108152769 isoform X1
>gi|1036824434|ref|XP_017137835.1| PREDICTED: uncharacterized protein LOC108152769 isoform X2
>gi|1036824379|ref|XP_017137831.1| PREDICTED: uncharacterized protein LOC108152767 [Drosophila
>gi|1036824396|ref|XP_017137832.1| PREDICTED: peritrophin-44 [Drosophila miranda]
>gi|1036824362|ref|XP_017137830.1| PREDICTED: succinate dehydrogenase [ubiquinone] flavoprotei
>gi|1036824329|ref|XP_017137828.1| PREDICTED: T-related protein isoform X1 [Drosophila miranda]
>gi|1036824346|ref|XP_017137829.1| PREDICTED: T-related protein isoform X2 [Drosophila miranda]
>gi|1036851218|ref|XP_017139335.1| PREDICTED: endonuclease G, mitochondrial [Drosophila mirand
>gi|1036849544|ref|XP_017139236.1| PREDICTED: 26S protease regulatory subunit 10B [Drosophila i
>gi|1036849561|ref|XP_017139237.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036771620|ref|XP_017134861.1| PREDICTED: chondroitin proteoglycan 1 [Drosophila miranda]
>gi|1036771637|ref|XP_017134862.1| PREDICTED: chondroitin proteoglycan 2 [Drosophila miranda]
>gi|1036771748|ref|XP_017134868.1| PREDICTED: chondroitin proteoglycan 2 [Drosophila miranda]
>gi|1036771565|ref|XP_017134857.1| PREDICTED: uncharacterized protein LOC108151010 isoform X1
>gi|1036771601|ref|XP 017134860.1| PREDICTED: uncharacterized protein LOC108151010 isoform X3
>gi|1036771584|ref|XP_017134858.1| PREDICTED: uncharacterized protein LOC108151010 isoform X2
>gi|1036771767|ref|XP_017134869.1| PREDICTED: uncharacterized protein LOC108151021 [Drosophila
>gi|1036758905|ref|XP_017156806.1| PREDICTED: uncharacterized protein LOC108165282 [Drosophila
>gi|1036771471|ref|XP_017134852.1| PREDICTED: glutenin, high molecular weight subunit DX5 isof
>gi|1036771452|ref|XP_017134851.1| PREDICTED: uncharacterized PE-PGRS family protein PE_PGRS54
>gi|1036771545|ref|XP_017134856.1| PREDICTED: flocculation protein FLO11 isoform X3 [Drosophile
>gi|1036771508|ref|XP_017134854.1| PREDICTED: flocculation protein FLO11 isoform X1 [Drosophile
>gi|1036771526|ref|XP_017134855.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036771821|ref|XP_017134873.1| PREDICTED: peritrophin-1-like [Drosophila miranda]
>gi|1036771802|ref|XP_017134872.1| PREDICTED: integumentary mucin B.1-like [Drosophila miranda]
>gi|1036771269|ref|XP 017134840.1| PREDICTED: uncharacterized protein LOC108151001 [Drosophila
>gi|1036771489|ref|XP_017134853.1| PREDICTED: anoctamin-4 [Drosophila miranda]
>gi|1036771729|ref|XP_017134867.1| PREDICTED: tubulin polyglutamylase complex subunit 2 [Droso
>gi|1036771786|ref|XP_017134871.1| PREDICTED: viral IAP-associated factor homolog [Drosophila i
>gi|1036771435|ref|XP 017134850.1| PREDICTED: uncharacterized protein LOC108151005 [Drosophila
>gi|1036771872|ref|XP_017134875.1| PREDICTED: cAMP-regulated phosphoprotein 19 [Drosophila mire
>gi|1036771287|ref|XP_017134841.1| PREDICTED: tuberin [Drosophila miranda]
>gi|1036771710|ref|XP_017134866.1| PREDICTED: uncharacterized protein LOC108151016 [Drosophila
>gi|1036771656|ref|XP_017134863.1| PREDICTED: ketohexokinase [Drosophila miranda]
>gi|1036771692|ref|XP_017134865.1| PREDICTED: ketohexokinase [Drosophila miranda]
>gi|1036771400|ref|XP 017134848.1| PREDICTED: uncharacterized protein LOC108151004 isoform X4
>gi|1036771342|ref|XP_017134844.1| PREDICTED: uncharacterized protein LOC108151004 isoform X3
>gi|1036771361|ref|XP_017134845.1| PREDICTED: uncharacterized protein LOC108151004 isoform X3
>gi|1036771380|ref|XP_017134847.1| PREDICTED: uncharacterized protein LOC108151004 isoform X3
>gi|1036771323|ref|XP_017134843.1| PREDICTED: uncharacterized protein LOC108151004 isoform X2
>gi|1036771304|ref|XP_017134842.1| PREDICTED: uncharacterized protein LOC108151004 isoform X1
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>gi|1036771418|ref|XP_017134849.1| PREDICTED: uncharacterized protein LOC108151004 isoform X5
>gi|1036771840|ref|XP_017134874.1| PREDICTED: uncharacterized protein LOC108151025 [Drosophila
>gi|1036771891|ref|XP_017134876.1| PREDICTED: uncharacterized protein LOC108151027 [Drosophila
>gi|1036771674|ref|XP_017134864.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036764876|ref|XP 017157141.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036849232|ref|XP_017139216.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036850651|ref|XP 017139302.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036765507|ref|XP_017157175.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036764281|ref|XP_017157112.1| PREDICTED: peritrophin-44 isoform X2 [Drosophila miranda]
>gi|1036764261|ref|XP_017157111.1| PREDICTED: peritrophin-44 isoform X1 [Drosophila miranda]
>gi|1036764965|ref|XP_017157144.1| PREDICTED: peritrophin-44 [Drosophila miranda]
>gi|1036824848|ref|XP_017137857.1| PREDICTED: peritrophin-44 [Drosophila miranda]
>gi|1036824808|ref|XP_017137855.1| PREDICTED: possible lysine-specific histone demethylase 1 [
>gi|1036824829|ref|XP_017137856.1| PREDICTED: possible lysine-specific histone demethylase 1 [
>gi|1036800896|ref|XP_017136536.1| PREDICTED: uncharacterized protein LOC108152044 [Drosophila
>gi|1036800861|ref|XP_017136534.1| PREDICTED: neurogenic protein mastermind isoform X3 [Drosop:
>gi|1036800842|ref|XP_017136533.1| PREDICTED: neurogenic protein mastermind isoform X2 [Drosop
>gi|1036800804|ref|XP_017136531.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop:
>gi|1036800823|ref|XP_017136532.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036800880|ref|XP 017136535.1| PREDICTED: myb-like protein Q isoform X4 [Drosophila mirand
>gi|1036800936|ref|XP_017136538.1| PREDICTED: probable deoxycytidylate deaminase [Drosophila m
>gi|1036800917|ref|XP 017136537.1| PREDICTED: clathrin light chain [Drosophila miranda]
>gi|1036758923|ref|XP_017156807.1| PREDICTED: spore coat protein SP96-like [Drosophila miranda]
>gi|1036845837|ref|XP_017139023.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845800|ref|XP_017139021.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845818|ref|XP_017139022.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845856|ref|XP_017139024.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845875|ref|XP_017139025.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845892|ref|XP_017139027.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845911|ref|XP_017139028.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036786846|ref|XP_017135742.1| PREDICTED: uncharacterized protein LOC108151577 [Drosophila
>gi|1036786864|ref|XP_017135743.1| PREDICTED: uncharacterized protein C9orf117 homolog [Drosop
>gi|1036786917|ref|XP_017135746.1| PREDICTED: protein FRG1 homolog [Drosophila miranda]
>gi|1036786827|ref|XP_017135741.1| PREDICTED: tectonin beta-propeller repeat-containing protein
>gi|1036786932|ref|XP 017135747.1| PREDICTED: DCN1-like protein 5 isoform X1 [Drosophila miran
>gi|1036786968|ref|XP_017135749.1| PREDICTED: DCN1-like protein 5 isoform X1 [Drosophila miran
>gi|1036786901|ref|XP_017135745.1| PREDICTED: lysosome-associated membrane glycoprotein 5 isof
>gi|1036786883|ref|XP_017135744.1| PREDICTED: lysosome-associated membrane glycoprotein 5 isof
>gi|1036786987|ref|XP_017135750.1| PREDICTED: DCN1-like protein 4 isoform X2 [Drosophila miran
>gi|1036788166|ref|XP_017135816.1| PREDICTED: alpha-soluble NSF attachment protein [Drosophila
>gi|1036788111|ref|XP_017135813.1| PREDICTED: leukocyte elastase inhibitor [Drosophila miranda]
>gi|1036788094|ref|XP_017135812.1| PREDICTED: retinoblastoma-binding protein 5 homolog [Drosop
>gi|1036788130|ref|XP_017135814.1| PREDICTED: eukaryotic peptide chain release factor subunit
>gi|1036788148|ref|XP_017135815.1| PREDICTED: eukaryotic peptide chain release factor subunit
>gi|1036788075|ref|XP_017135811.1| PREDICTED: cysteine sulfinic acid decarboxylase [Drosophila
>gi|1036822962|ref|XP_017137750.1| PREDICTED: DNA/RNA-binding protein KIN17 [Drosophila mirand
>gi|1036822981|ref|XP_017137751.1| PREDICTED: LOW QUALITY PROTEIN: vitellogenin-3 [Drosophila i
>gi|1036822944|ref|XP_017137749.1| PREDICTED: DNA primase large subunit [Drosophila miranda]
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>gi|1036832401|ref|XP_017138284.1| PREDICTED: toll-like receptor 1 isoform X4 [Drosophila mirates
>gi|1036832361|ref|XP_017138282.1| PREDICTED: toll-like receptor 1 isoform X2 [Drosophila mirates
>gi|1036832382|ref|XP_017138283.1| PREDICTED: toll-like receptor 1 isoform X3 [Drosophila mirates
>gi|1036832342|ref|XP_017138280.1| PREDICTED: toll-like receptor 1 isoform X1 [Drosophila mirates
>gi|1036832419|ref|XP 017138285.1| PREDICTED: protein inturned [Drosophila miranda]
>gi|1036832456|ref|XP_017138288.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036832438|ref|XP 017138287.1| PREDICTED: brachyurin [Drosophila miranda]
>gi|1036846436|ref|XP_017139057.1| PREDICTED: serine protease 3 [Drosophila miranda]
>gi|1036810377|ref|XP_017137060.1| PREDICTED: cyclin-T [Drosophila miranda]
>gi|1036828764|ref|XP_017138079.1| PREDICTED: ecdysone-induced protein 74EF isoform X2 [Drosop
>gi|1036828745|ref|XP_017138078.1| PREDICTED: ecdysone-induced protein 74EF isoform X1 [Drosop
>gi|1036828781|ref|XP_017138080.1| PREDICTED: rho GTPase-activating protein gacII-like [Drosop
>gi|1036845048|ref|XP_017138985.1| PREDICTED: charged multivesicular body protein 5 [Drosophile
>gi|1036802166|ref|XP_017136610.1| PREDICTED: uncharacterized protein LOC108152084 isoform X1
>gi|1036802185|ref|XP_017136611.1| PREDICTED: AF4/FMR2 family member 4 isoform X2 [Drosophila i
>gi|1036802242|ref|XP_017136614.1| PREDICTED: protein melted isoform X2 [Drosophila miranda]
>gi|1036802204|ref|XP_017136612.1| PREDICTED: protein melted isoform X1 [Drosophila miranda]
>gi|1036802223|ref|XP_017136613.1| PREDICTED: protein melted isoform X1 [Drosophila miranda]
>gi|1036802263|ref|XP_017136616.1| PREDICTED: acyl-CoA-binding protein homolog [Drosophila mire
>gi|1036765957|ref|XP 017134549.1| PREDICTED: acyl-CoA-binding protein-like [Drosophila mirand
>gi|1036849714|ref|XP_017139246.1| PREDICTED: acyl-CoA-binding protein [Drosophila miranda]
>gi|1036849731|ref|XP 017139247.1| PREDICTED: acyl-CoA-binding protein homolog [Drosophila mire
>gi|1036849695|ref|XP_017139245.1| PREDICTED: Bardet-Biedl syndrome 1 protein [Drosophila mirated]
>gi|1036825035|ref|XP_017137866.1| PREDICTED: protein male-specific lethal-3 [Drosophila miran-
>gi|1036825020|ref|XP_017137865.1| PREDICTED: FH2 domain-containing protein 1 [Drosophila mirated]
>gi|1036758939|ref|XP_017156808.1| PREDICTED: uncharacterized protein LOC108165284 [Drosophila
>gi|1036768403|ref|XP_017134679.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036767849|ref|XP_017134649.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036767870|ref|XP_017134650.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036848986|ref|XP_017139202.1| PREDICTED: uncharacterized protein LOC108153615 isoform X1
>gi|1036849005|ref|XP_017139203.1| PREDICTED: uncharacterized protein LOC108153615 isoform X2
>gi|1036849045|ref|XP_017139205.1| PREDICTED: uncharacterized protein LOC108153616 isoform X2
>gi|1036849024|ref|XP 017139204.1| PREDICTED: uncharacterized protein LOC108153616 isoform X1
>gi|1036848967|ref|XP_017139201.1| PREDICTED: GTP-binding protein Rhes [Drosophila miranda]
>gi|1036838898|ref|XP 017138661.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X9 [Drosop
>gi|1036838861|ref|XP_017138658.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X7 [Drosop
>gi|1036838880|ref|XP_017138659.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X8 [Drosop:
>gi|1036838842|ref|XP_017138657.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X6 [Drosop
>gi|1036838823|ref|XP_017138656.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X5 [Drosop
>gi|1036838806|ref|XP_017138655.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X4 [Drosop
>gi|1036838787|ref|XP_017138654.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X3 [Drosop
>gi|1036838768|ref|XP_017138653.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X2 [Drosop
>gi|1036838730|ref|XP_017138651.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X1 [Drosop
>gi|1036838749|ref|XP_017138652.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X1 [Drosop
>gi|1036838971|ref|XP_017138665.1| PREDICTED: collagen alpha-1(XV) chain isoform X13 [Drosophi
>gi|1036838953|ref|XP_017138664.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X12 [Droso
>gi|1036838934|ref|XP_017138663.1| PREDICTED: collagen alpha-1(XV) chain isoform X11 [Drosophi
>gi|1036838915|ref|XP_017138662.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X10 [Droso
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>gi|1036838990|ref|XP_017138666.1| PREDICTED: uncharacterized protein LOC108153289 [Drosophila
>gi|1036812163|ref|XP_017137156.1| PREDICTED: differentially expressed in FDCP 8 homolog [Dros
>gi|1036812123|ref|XP_017137154.1| PREDICTED: protein KRI1 homolog [Drosophila miranda]
>gi|1036812142|ref|XP_017137155.1| PREDICTED: protein KRI1 homolog [Drosophila miranda]
>gi|1036812201|ref|XP 017137159.1| PREDICTED: autophagy protein 12-like [Drosophila miranda]
>gi|1036812182|ref|XP_017137158.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1036774472|ref|XP 017135027.1| PREDICTED: rho GTPase-activating protein 68F isoform X1 [Dref|XP 017135027.1]
>gi|1036774491|ref|XP_017135028.1| PREDICTED: rho GTPase-activating protein 68F isoform X1 [Dr
>gi|1036774510|ref|XP_017135029.1| PREDICTED: rho GTPase-activating protein 68F isoform X2 [Dr
>gi|1036774432|ref|XP_017135025.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036774340|ref|XP_017135019.1| PREDICTED: neurexin-4 isoform X3 [Drosophila miranda]
>gi|1036774359|ref|XP 017135020.1| PREDICTED: neurexin-4 isoform X4 [Drosophila miranda]
>gi|1036774302|ref|XP_017135017.1| PREDICTED: neurexin-4 isoform X1 [Drosophila miranda]
>gi|1036774321|ref|XP_017135018.1| PREDICTED: neurexin-4 isoform X2 [Drosophila miranda]
>gi|1036774565|ref|XP_017135033.1| PREDICTED: L-aminoadipate-semialdehyde dehydrogenase-phosph
>gi|1036774597|ref|XP_017135036.1| PREDICTED: uncharacterized protein LOC108151126 [Drosophila
>gi|1036774451|ref|XP_017135026.1| PREDICTED: opsin, ultraviolet-sensitive [Drosophila miranda]
>gi|1036774547|ref|XP 017135032.1| PREDICTED: carbonic anhydrase 2 [Drosophila miranda]
>gi|1036774583|ref|XP_017135034.1| PREDICTED: inositol oxygenase [Drosophila miranda]
>gi|1036774414|ref|XP 017135024.1| PREDICTED: esterase-5C [Drosophila miranda]
>gi|1036774397|ref|XP_017135022.1| PREDICTED: esterase-5B [Drosophila miranda]
>gi|1036774378|ref|XP 017135021.1| PREDICTED: esterase-5A isoform X5 [Drosophila miranda]
>gi|1036774529|ref|XP_017135030.1| PREDICTED: THO complex subunit 6 [Drosophila miranda]
>gi|1036851872|ref|XP_017139375.1| PREDICTED: brachyurin [Drosophila miranda]
>gi|1036827881|ref|XP_017138030.1| PREDICTED: adenylate kinase isoenzyme 1-like isoform X2 [Dr
>gi|1036827863|ref|XP_017138029.1| PREDICTED: adenylate kinase isoenzyme 1-like isoform X1 [Dreath of the content of the conte
>gi|1036827904|ref|XP_017138032.1| PREDICTED: adenylate kinase isoenzyme 1-like [Drosophila mi
>gi|1036827768|ref|XP_017138023.1| PREDICTED: uncharacterized protein LOC108152894 [Drosophila
>gi|1036827787|ref|XP_017138024.1| PREDICTED: uncharacterized protein LOC108152894 [Drosophila
>gi|1036827806|ref|XP_017138025.1| PREDICTED: uncharacterized protein LOC108152894 [Drosophila
>gi|1036827825|ref|XP_017138027.1| PREDICTED: uncharacterized protein LOC108152894 [Drosophila
>gi|1036827844|ref|XP_017138028.1| PREDICTED: uncharacterized protein LOC108152894 [Drosophila
>gi|1036804750|ref|XP 017136753.1| PREDICTED: probable protein S-acyltransferase 4 [Drosophila
>gi|1036804768|ref|XP_017136754.1| PREDICTED: dnaJ protein ERDJ2A-like [Drosophila miranda]
>gi|1036830663|ref|XP 017138189.1| PREDICTED: uncharacterized protein LOC108152974 [Drosophila
>gi|1036830684|ref|XP_017138190.1| PREDICTED: delta-aminolevulinic acid dehydratase [Drosophile
>gi|1036824752|ref|XP_017137853.1| PREDICTED: spermine synthase isoform X1 [Drosophila miranda
>gi|1036824771|ref|XP_017137854.1| PREDICTED: spermine synthase isoform X2 [Drosophila miranda]
>gi|1036840223|ref|XP_017138729.1| PREDICTED: 72 kDa inositol polyphosphate 5-phosphatase [Dros
>gi|1036764987|ref|XP_017157145.1| PREDICTED: LIM homeobox transcription factor 1-beta [Drosop
>gi|1036849511|ref|XP_017139233.1| PREDICTED: LIM homeobox transcription factor 1-beta [Drosop
>gi|1036842423|ref|XP_017138844.1| PREDICTED: uncharacterized protein LOC108153383 [Drosophila
>gi|1036842441|ref|XP_017138845.1| PREDICTED: uncharacterized protein LOC108153383 [Drosophila
>gi|1036819818|ref|XP_017137582.1| PREDICTED: calcium-transporting ATPase type 2C member 1 iso
>gi|1036819892|ref|XP_017137585.1| PREDICTED: calcium-transporting ATPase type 2C member 1 iso:
>gi|1036819873|ref|XP_017137584.1| PREDICTED: calcium-transporting ATPase type 2C member 1 iso
>gi|1036819911|ref|XP_017137586.1| PREDICTED: calcium-transporting ATPase type 2C member 1 iso:
>gi|1036827671|ref|XP_017138017.1| PREDICTED: ras-GEF domain-containing family member 1B-B [Dref|XP_017138017.1]
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>gi|1036841699|ref|XP_017138815.1| PREDICTED: growth arrest and DNA damage-inducible proteins-
>gi|1036841685|ref|XP_017138814.1| PREDICTED: uncharacterized protein LOC108153359 [Drosophila
>gi|1036842894|ref|XP_017138872.1| PREDICTED: neuropeptides capa receptor isoform X1 [Drosophi
>gi|1036842913|ref|XP_017138873.1| PREDICTED: neuropeptides capa receptor isoform X1 [Drosophi
>gi|1036842950|ref|XP 017138876.1| PREDICTED: neuropeptides capa receptor isoform X3 [Drosophi
>gi|1036842931|ref|XP_017138875.1| PREDICTED: neuropeptides capa receptor isoform X2 [Drosophi
>gi|1036851128|ref|XP 017139329.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036817942|ref|XP_017137479.1| PREDICTED: hemicentin-1 isoform X7 [Drosophila miranda]
>gi|1036817965|ref|XP_017137480.1| PREDICTED: uncharacterized protein LOC108152559 isoform X8
>gi|1036817923|ref|XP_017137478.1| PREDICTED: hemicentin-1 isoform X6 [Drosophila miranda]
>gi|1036817906|ref|XP_017137477.1| PREDICTED: uncharacterized protein LOC108152559 isoform X5
>gi|1036817871|ref|XP_017137475.1| PREDICTED: uncharacterized protein LOC108152559 isoform X3
>gi|1036817855|ref|XP_017137473.1| PREDICTED: uncharacterized protein LOC108152559 isoform X2
>gi|1036817840|ref|XP_017137472.1| PREDICTED: uncharacterized protein LOC108152559 isoform X1
>gi|1036817888|ref|XP_017137476.1| PREDICTED: uncharacterized protein LOC108152559 isoform X4
>gi|1036758957|ref|XP_017156809.1| PREDICTED: muscle M-line assembly protein unc-89-like [Dros
>gi|1036817984|ref|XP_017137481.1| PREDICTED: uncharacterized protein LOC108152560 [Drosophila
>gi|1036827432|ref|XP_017138003.1| PREDICTED: uncharacterized protein LOC108152881 [Drosophila
>gi|1036851309|ref|XP_017139340.1| PREDICTED: cathepsin L1 [Drosophila miranda]
>gi|1036846093|ref|XP 017139038.1| PREDICTED: uncharacterized protein LOC108153498 [Drosophila
>gi|1036767596|ref|XP_017134638.1| PREDICTED: uncharacterized protein LOC108150840 [Drosophila
>gi|1036782830|ref|XP 017135511.1| PREDICTED: cationic amino acid transporter 3 isoform X1 [Dr.
>gi|1036782849|ref|XP_017135512.1| PREDICTED: cationic amino acid transporter 3 isoform X2 [Dr
>gi|1036782867|ref|XP_017135513.1| PREDICTED: cationic amino acid transporter 3 isoform X2 [Dref|XP_017135513.1]
>gi|1036782884|ref|XP_017135514.1| PREDICTED: cationic amino acid transporter 3 isoform X2 [Dr
>gi|1036782902|ref|XP_017135515.1| PREDICTED: general transcription factor IIH subunit 2 [Dros
>gi|1036782795|ref|XP_017135509.1| PREDICTED: uncharacterized protein LOC108151428 [Drosophila
>gi|1036782813|ref|XP_017135510.1| PREDICTED: uncharacterized protein LOC108151428 [Drosophila
>gi|1036782921|ref|XP_017135516.1| PREDICTED: putative methyltransferase NSUN6 [Drosophila mire
>gi|1036782938|ref|XP_017135517.1| PREDICTED: ADP-ribosylation factor 1 [Drosophila miranda]
>gi|1036782957|ref|XP_017135518.1| PREDICTED: ADP-ribosylation factor 1 [Drosophila miranda]
>gi|1036831611|ref|XP_017138243.1| PREDICTED: ER membrane protein complex subunit 4 [Drosophile
>gi|1036831648|ref|XP 017138246.1| PREDICTED: uncharacterized protein LOC108153010 isoform X2
>gi|1036831629|ref|XP_017138245.1| PREDICTED: uncharacterized protein LOC108153010 isoform X1
>gi|1036831667|ref|XP 017138247.1| PREDICTED: single-pass membrane and coiled-coil domain-cont
>gi|1036766868|ref|XP_017134598.1| PREDICTED: uncharacterized protein LOC108150806 [Drosophila
>gi|1036758975|ref|XP 017156810.1| PREDICTED: oleosin-B6 [Drosophila miranda]
>gi|1036850074|ref|XP_017139269.1| PREDICTED: aspartic and glutamic acid-rich protein [Drosoph
>gi|1036850093|ref|XP_017139270.1| PREDICTED: uncharacterized protein LOC108153667 [Drosophila
>gi|1036824174|ref|XP_017137819.1| PREDICTED: myeloid zinc finger 1 isoform X1 [Drosophila mire
>gi|1036824195|ref|XP_017137820.1| PREDICTED: myeloid zinc finger 1 isoform X2 [Drosophila mire
>gi|1036824214|ref|XP_017137821.1| PREDICTED: myeloid zinc finger 1 isoform X3 [Drosophila mire
>gi|1036824237|ref|XP_017137822.1| PREDICTED: myeloid zinc finger 1 isoform X4 [Drosophila mire
>gi|1036824256|ref|XP_017137823.1| PREDICTED: zinc finger protein 768 isoform X5 [Drosophila m
>gi|1036824275|ref|XP_017137824.1| PREDICTED: uncharacterized protein LOC108152763 [Drosophila
>gi|1036763048|ref|XP_017157049.1| PREDICTED: U6 snRNA-associated Sm-like protein LSm2 [Drosop
>gi|1036846165|ref|XP_017139042.1| PREDICTED: gonadotropin-releasing hormone receptor [Drosoph
>gi|1036831227|ref|XP_017138221.1| PREDICTED: bumetanide-sensitive sodium-(potassium)-chloride
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>gi|1036831208|ref|XP_017138220.1| PREDICTED: bumetanide-sensitive sodium-(potassium)-chloride
>gi|1036831172|ref|XP_017138218.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138218.1]
>gi|1036831191|ref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dref
>gi|1036817463|ref|XP_017137450.1| PREDICTED: RNA polymerase II-associated protein 1 [Drosophi
>gi|1036817519|ref|XP 017137454.1| PREDICTED: general odorant-binding protein 69a [Drosophila 1
>gi|1036817481|ref|XP_017137452.1| PREDICTED: SET and MYND domain-containing protein 4 [Drosop
>gi|1036817501|ref|XP_017137453.1| PREDICTED: SET and MYND domain-containing protein 4 [Drosop:
>gi|1036826387|ref|XP_017137941.1| PREDICTED: calcium-binding mitochondrial carrier protein SC
>gi|1036826406|ref|XP_017137942.1| PREDICTED: calcium-binding mitochondrial carrier protein SC
>gi|1036826424|ref|XP_017137943.1| PREDICTED: probable calcium-binding mitochondrial carrier C
>gi|1036826442|ref|XP_017137944.1| PREDICTED: probable calcium-binding mitochondrial carrier C
>gi|1036836023|ref|XP_017138485.1| PREDICTED: ADP-ribosylation factor GTPase-activating protein
>gi|1036836004|ref|XP_017138484.1| PREDICTED: ADP-ribosylation factor GTPase-activating protein
>gi|1036847661|ref|XP_017139127.1| PREDICTED: paired box protein Pax-6 isoform X1 [Drosophila in the content of the content of
>gi|1036847680|ref|XP_017139128.1| PREDICTED: paired box protein Pax-1 isoform X2 [Drosophila i
>gi|1036846398|ref|XP_017139055.1| PREDICTED: paired box protein Pax-6 [Drosophila miranda]
>gi|1036768499|ref|XP_017134685.1| PREDICTED: cuticle protein 38-like [Drosophila miranda]
>gi|1036768575|ref|XP_017134689.1| PREDICTED: uncharacterized protein LOC108150890 [Drosophila
>gi|1036766481|ref|XP_017134577.1| PREDICTED: uncharacterized protein LOC108150787 [Drosophila
>gi|1036828127|ref|XP 017138043.1| PREDICTED: protein odr-4 homolog [Drosophila miranda]
>gi|1036828091|ref|XP_017138040.1| PREDICTED: uncharacterized protein LOC108152905 [Drosophila
>gi|1036828110|ref|XP 017138041.1| PREDICTED: uncharacterized protein LOC108152905 [Drosophila
>gi|1036847085|ref|XP_017139095.1| PREDICTED: uncharacterized protein LOC108153540 isoform X1
>gi|1036847104|ref|XP_017139096.1| PREDICTED: uncharacterized protein LOC108153540 isoform X2
>gi|1036848931|ref|XP_017139199.1| PREDICTED: clavesin-1 [Drosophila miranda]
>gi|1036780551|ref|XP_017135379.1| PREDICTED: 1,5-anhydro-D-fructose reductase isoform X2 [Dros
>gi|1036780532|ref|XP_017135378.1| PREDICTED: 1,5-anhydro-D-fructose reductase isoform X1 [Dros
>gi|1036780570|ref|XP_017135380.1| PREDICTED: aldose reductase isoform X3 [Drosophila miranda]
>gi|1036780589|ref|XP_017135381.1| PREDICTED: kxDL motif-containing protein CG10681 isoform X1
>gi|1036780607|ref|XP_017135383.1| PREDICTED: kxDL motif-containing protein CG10681 isoform X2
>gi|1036780514|ref|XP_017135377.1| PREDICTED: protein TSSC1 [Drosophila miranda]
>gi|1036780625|ref|XP_017135384.1| PREDICTED: ubiquitin-conjugating enzyme E2 C [Drosophila mi
>gi|1036780498|ref|XP_017135376.1| PREDICTED: zinc finger protein 771 [Drosophila miranda]
>gi|1036780479|ref|XP_017135375.1| PREDICTED: citron Rho-interacting kinase isoform X2 [Drosop
>gi|1036780461|ref|XP 017135374.1| PREDICTED: citron Rho-interacting kinase isoform X1 [Drosop
>gi|1036781203|ref|XP_017135419.1| PREDICTED: protein LSM14 homolog B-A isoform X1 [Drosophila
>gi|1036781222|ref|XP_017135420.1| PREDICTED: protein LSM14 homolog B-A isoform X2 [Drosophila
>gi|1036781184|ref|XP_017135418.1| PREDICTED: histone acetyltransferase KAT2A [Drosophila mirated]
>gi|1036781278|ref|XP_017135423.1| PREDICTED: uncharacterized protein LOC108151372 [Drosophila
>gi|1036781259|ref|XP_017135422.1| PREDICTED: eukaryotic translation initiation factor 2 subun
>gi|1036781240|ref|XP_017135421.1| PREDICTED: phosphoacetylglucosamine mutase [Drosophila mirated]
>gi|1036785067|ref|XP_017135642.1| PREDICTED: melanotransferrin [Drosophila miranda]
>gi|1036785159|ref|XP 017135647.1| PREDICTED: uncharacterized protein LOC108151514 [Drosophila
>gi|1036785141|ref|XP_017135646.1| PREDICTED: probable phosphomannomutase [Drosophila miranda]
>gi|1036785084|ref|XP_017135643.1| PREDICTED: kelch domain-containing protein 4 [Drosophila mi
>gi|1036785103|ref|XP_017135644.1| PREDICTED: uncharacterized protein LOC108151510 [Drosophila
>gi|1036785122|ref|XP_017135645.1| PREDICTED: ankyrin repeat domain-containing protein SOWAHA-
>gi|1036843319|ref|XP_017138896.1| PREDICTED: homeobox protein araucan [Drosophila miranda]
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>gi|1036837311|ref|XP_017138561.1| PREDICTED: homeobox protein caupolican [Drosophila miranda]
>gi|1036832127|ref|XP_017138271.1| PREDICTED: homeobox protein caupolican [Drosophila miranda]
>gi|1036834640|ref|XP_017138403.1| PREDICTED: protein ABHD18 [Drosophila miranda]
>gi|1036812315|ref|XP_017137165.1| PREDICTED: tyrosine-protein phosphatase 69D [Drosophila mire
>gi|1036796922|ref|XP 017136311.1| PREDICTED: uncharacterized protein LOC108151911 [Drosophila
>gi|1036796937|ref|XP_017136312.1| PREDICTED: probable small nuclear ribonucleoprotein Sm D1 [
>gi|1036796871|ref|XP 017136308.1| PREDICTED: kinesin light chain [Drosophila miranda]
>gi|1036796888|ref|XP_017136309.1| PREDICTED: kinesin light chain [Drosophila miranda]
>gi|1036796855|ref|XP_017136307.1| PREDICTED: ankyrin repeat domain-containing protein 11 [Dros
>gi|1036796905|ref|XP_017136310.1| PREDICTED: hsp70 nucleotide exchange factor fes1 [Drosophile
>gi|1036781387|ref|XP_017135430.1| PREDICTED: vacuolar protein sorting-associated protein 13D
>gi|1036781425|ref|XP_017135432.1| PREDICTED: huntingtin-interacting protein 1 isoform X2 [Dros
>gi|1036781406|ref|XP_017135431.1| PREDICTED: huntingtin-interacting protein 1 isoform X1 [Drop
>gi|1036758994|ref|XP_017156811.1| PREDICTED: ATP-binding cassette sub-family A member 17-like
>gi|1036759010|ref|XP_017156812.1| PREDICTED: uncharacterized protein LOC108165288 [Drosophila
>gi|1036759029|ref|XP_017156813.1| PREDICTED: protein SDA1 homolog [Drosophila miranda]
>gi|1036828835|ref|XP_017138082.1| PREDICTED: calcium channel flower isoform X1 [Drosophila mi
>gi|1036828853|ref|XP_017138083.1| PREDICTED: calcium channel flower isoform X2 [Drosophila mi
>gi|1036799054|ref|XP_017136432.1| PREDICTED: zinc finger protein 140 [Drosophila miranda]
>gi|1036799035|ref|XP 017136431.1| PREDICTED: mRNA-decapping enzyme subunit 2 [Drosophila mirat
>gi|1036825673|ref|XP_017137899.1| PREDICTED: kelch-like protein diablo [Drosophila miranda]
>gi|1036834122|ref|XP 017138375.1| PREDICTED: uncharacterized protein C15orf41 homolog [Drosop
>gi|1036834138|ref|XP_017138376.1| PREDICTED: zinc finger protein 706-like [Drosophila miranda]
>gi|1036834157|ref|XP_017138377.1| PREDICTED: zinc finger protein 706-like [Drosophila miranda]
>gi|1036847586|ref|XP_017139122.1| PREDICTED: uncharacterized protein LOC108153561 isoform X1
>gi|1036847605|ref|XP_017139123.1| PREDICTED: uncharacterized protein LOC108153561 isoform X1
>gi|1036847622|ref|XP_017139124.1| PREDICTED: uncharacterized protein LOC108153561 isoform X2
>gi|1036840742|ref|XP_017138758.1| PREDICTED: uncharacterized protein LOC108153334 isoform X11
>gi|1036840704|ref|XP_017138756.1| PREDICTED: uncharacterized protein LOC108153334 isoform X9
>gi|1036840614|ref|XP 017138750.1| PREDICTED: uncharacterized protein LOC108153334 isoform X4
>gi|1036840668|ref|XP_017138754.1| PREDICTED: uncharacterized protein LOC108153334 isoform X7
>gi|1036840723|ref|XP_017138757.1| PREDICTED: uncharacterized protein LOC108153334 isoform X10
>gi|1036840649|ref|XP 017138753.1| PREDICTED: uncharacterized protein LOC108153334 isoform X6
>gi|1036840481|ref|XP_017138743.1| PREDICTED: uncharacterized protein LOC108153334 isoform X2
>gi|1036840779|ref|XP 017138760.1| PREDICTED: gamma-aminobutyric acid receptor subunit alpha-3
>gi|1036840687|ref|XP_017138755.1| PREDICTED: uncharacterized protein LOC108153334 isoform X8
>gi|1036840760|ref|XP 017138759.1| PREDICTED: gamma-aminobutyric acid receptor subunit alpha-3
>gi|1036840633|ref|XP_017138752.1| PREDICTED: uncharacterized protein LOC108153334 isoform X5
>gi|1036840595|ref|XP_017138749.1| PREDICTED: uncharacterized protein LOC108153334 isoform X3
>gi|1036840444|ref|XP_017138741.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840462|ref|XP_017138742.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840500|ref|XP_017138744.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840517|ref|XP_017138745.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840536|ref|XP_017138746.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840557|ref|XP_017138747.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840576|ref|XP_017138748.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036844916|ref|XP_017138978.1| PREDICTED: serine/threonine-protein kinase BRSK2 isoform X6
>gi|1036844879|ref|XP_017138976.1| PREDICTED: serine/threonine-protein kinase BRSK2 isoform X4
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>gi|1036844897|ref|XP_017138977.1| PREDICTED: serine/threonine-protein kinase BRSK2 isoform X5
>gi|1036844858|ref|XP_017138975.1| PREDICTED: serine/threonine-protein kinase BRSK1 isoform X3
>gi|1036844837|ref|XP_017138974.1| PREDICTED: serine/threonine-protein kinase BRSK2 isoform X2
>gi|1036844784|ref|XP_017138971.1| PREDICTED: serine/threonine-protein kinase BRSK1 isoform X1
>gi|1036844803|ref|XP 017138972.1| PREDICTED: serine/threonine-protein kinase BRSK1 isoform X1
>gi|1036844819|ref|XP_017138973.1| PREDICTED: serine/threonine-protein kinase BRSK1 isoform X1
>gi|1036845067|ref|XP 017138986.1| PREDICTED: protein kinase DC2 isoform X1 [Drosophila mirand
>gi|1036845082|ref|XP_017138987.1| PREDICTED: protein kinase DC2 isoform X1 [Drosophila mirand
>gi|1036845099|ref|XP_017138988.1| PREDICTED: protein kinase DC2 isoform X2 [Drosophila mirand
>gi|1036845390|ref|XP_017139006.1| PREDICTED: group XIIA secretory phospholipase A2 [Drosophile
>gi|1036835833|ref|XP_017138473.1| PREDICTED: E3 ubiquitin-protein ligase NRDP1 [Drosophila mi
>gi|1036835852|ref|XP_017138474.1| PREDICTED: uncharacterized protein LOC108153177 [Drosophila
>gi|1036799217|ref|XP_017136442.1| PREDICTED: putative U5 small nuclear ribonucleoprotein 200
>gi|1036797300|ref|XP_017136333.1| PREDICTED: chromosomal serine/threonine-protein kinase JIL-
>gi|1036797319|ref|XP_017136334.1| PREDICTED: chromosomal serine/threonine-protein kinase JIL-
>gi|1036834679|ref|XP_017138405.1| PREDICTED: iodotyrosine deiodinase 1-like [Drosophila mirane
>gi|1036834661|ref|XP_017138404.1| PREDICTED: uncharacterized protein LOC108153126 [Drosophila
>gi|1036834714|ref|XP_017138407.1| PREDICTED: uncharacterized protein LOC108153129 [Drosophila
>gi|1036834696|ref|XP_017138406.1| PREDICTED: CCAAT/enhancer-binding protein gamma [Drosophila
>gi|1036841595|ref|XP 017138809.1| PREDICTED: nedd8-activating enzyme E1 regulatory subunit [Di
>gi|1036759048|ref|XP_017156814.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1036813031|ref|XP 017137198.1| PREDICTED: uncharacterized protein LOC108152406 [Drosophila
>gi|1036813052|ref|XP_017137199.1| PREDICTED: uncharacterized protein LOC108152406 [Drosophila
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>gi|1036812791|ref|XP_017137187.1| PREDICTED: adenosine deaminase CECR1 [Drosophila miranda]
>gi|1036812810|ref|XP_017137188.1| PREDICTED: adenosine deaminase CECR1-A [Drosophila miranda]
>gi|1036812829|ref|XP_017137189.1| PREDICTED: adenosine deaminase CECR1-A [Drosophila miranda]
>gi|1036812848|ref|XP_017137190.1| PREDICTED: adenosine deaminase CECR1-A [Drosophila miranda]
>gi|1036812867|ref|XP_017137191.1| PREDICTED: adenosine deaminase CECR1-A [Drosophila miranda]
>gi|1036812884|ref|XP 017137193.1| PREDICTED: adenosine deaminase CECR1 [Drosophila miranda]
>gi|1036812901|ref|XP_017137194.1| PREDICTED: basic-leucine zipper transcription factor A [Dros
>gi|1036812918|ref|XP_017137195.1| PREDICTED: basic-leucine zipper transcription factor A [Droplet of the content of the conte
>gi|1036813012|ref|XP_017137197.1| PREDICTED: spermine oxidase-like [Drosophila miranda]
>gi|1036812937|ref|XP_017137196.1| PREDICTED: peroxisomal N(1)-acetyl-spermine/spermidine oxide
>gi|1036850379|ref|XP 017139285.1| PREDICTED: uncharacterized protein LOC108153680 [Drosophila
>gi|1036823821|ref|XP_017137799.1| PREDICTED: nuclear transcription factor Y subunit beta [Dros
>gi|1036847217|ref|XP 017139102.1| PREDICTED: 15 kDa selenoprotein [Drosophila miranda]
>gi|1036783551|ref|XP_017135555.1| PREDICTED: protein spitz [Drosophila miranda]
>gi|1036783570|ref|XP_017135556.1| PREDICTED: protein spitz [Drosophila miranda]
>gi|1036783591|ref|XP_017135557.1| PREDICTED: protein spitz [Drosophila miranda]
>gi|1036783513|ref|XP_017135553.1| PREDICTED: NEDD4 family-interacting protein 1 [Drosophila m
>gi|1036783532|ref|XP_017135554.1| PREDICTED: NEDD4 family-interacting protein 1 [Drosophila m
>gi|1036783435|ref|XP_017135548.1| PREDICTED: zinc finger protein on ecdysone puffs isoform X1
>gi|1036783454|ref|XP_017135549.1| PREDICTED: zinc finger protein on ecdysone puffs isoform X1
>gi|1036783473|ref|XP_017135551.1| PREDICTED: zinc finger protein on ecdysone puffs isoform X2
>gi|1036783494|ref|XP_017135552.1| PREDICTED: uncharacterized protein LOC108151448 [Drosophila
>gi|1036849083|ref|XP_017139208.1| PREDICTED: prostaglandin D2 receptor [Drosophila miranda]
>gi|1036820663|ref|XP_017137622.1| PREDICTED: integral membrane protein GPR155 [Drosophila mire
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>gi|1036766046|ref|XP_017134554.1| PREDICTED: RNA-binding motif protein, X-linked 2 isoform X1
>gi|1036766064|ref|XP_017134556.1| PREDICTED: RNA-binding motif protein, X-linked 2 isoform X2
>gi|1036841110|ref|XP_017138781.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841091|ref|XP_017138780.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840981|ref|XP 017138773.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841055|ref|XP_017138778.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840943|ref|XP 017138771.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841072|ref|XP_017138779.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841036|ref|XP_017138777.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840909|ref|XP_017138768.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841017|ref|XP_017138775.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840926|ref|XP 017138769.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840962|ref|XP_017138772.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840998|ref|XP_017138774.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840888|ref|XP_017138767.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841128|ref|XP_017138782.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841204|ref|XP_017138786.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841185|ref|XP 017138785.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
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>gi|1036841147|ref|XP 017138783.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036813396|ref|XP_017137219.1| PREDICTED: uncharacterized protein LOC108152417 [Drosophila
>gi|1036813356|ref|XP 017137217.1| PREDICTED: uncharacterized protein LOC108152415 isoform X1
>gi|1036813375|ref|XP_017137218.1| PREDICTED: uncharacterized protein LOC108152415 isoform X2
>gi|1036813314|ref|XP 017137215.1| PREDICTED: folliculin [Drosophila miranda]
>gi|1036813430|ref|XP_017137221.1| PREDICTED: 60S ribosomal protein L18 [Drosophila miranda]
>gi|1036813413|ref|XP_017137220.1| PREDICTED: 39S ribosomal protein L50, mitochondrial [Drosop
>gi|1036813337|ref|XP_017137216.1| PREDICTED: nuclear receptor coactivator 5 [Drosophila mirane
>gi|1036770311|ref|XP_017134787.1| PREDICTED: uncharacterized protein LOC108150964 [Drosophila
>gi|1036770197|ref|XP_017134780.1| PREDICTED: cell division cycle protein 27 homolog [Drosophi
>gi|1036770273|ref|XP_017134785.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036770159|ref|XP_017134778.1| PREDICTED: protein KIAA0100 [Drosophila miranda]
>gi|1036770178|ref|XP_017134779.1| PREDICTED: trafficking protein particle complex subunit 11
>gi|1036770237|ref|XP_017134782.1| PREDICTED: trypsin alpha [Drosophila miranda]
>gi|1036770216|ref|XP_017134781.1| PREDICTED: trypsin beta-like [Drosophila miranda]
>gi|1036758083|ref|XP 017156756.1| PREDICTED: transmembrane protease serine 9 [Drosophila mira:
>gi|1036770255|ref|XP_017134783.1| PREDICTED: chymotrypsin-1 [Drosophila miranda]
>gi|1036770292|ref|XP 017134786.1| PREDICTED: stress-associated endoplasmic reticulum protein
>gi|1036770349|ref|XP_017134790.1| PREDICTED: UPF0235 protein C15orf40 homolog [Drosophila mire
>gi|1036770330|ref|XP_017134788.1| PREDICTED: heat shock protein 83 [Drosophila miranda]
>gi|1036794352|ref|XP_017136167.1| PREDICTED: uncharacterized protein LOC108151819 [Drosophila
>gi|1036759067|ref|XP_017156815.1| PREDICTED: uncharacterized protein LOC108165292 [Drosophila
>gi|1036794387|ref|XP_017136169.1| PREDICTED: cell wall protein IFF6 [Drosophila miranda]
>gi|1036794371|ref|XP_017136168.1| PREDICTED: uncharacterized protein LOC108151820 [Drosophila
>gi|1036794317|ref|XP_017136165.1| PREDICTED: daple-like protein isoform X2 [Drosophila mirand
>gi|1036794302|ref|XP_017136164.1| PREDICTED: girdin isoform X1 [Drosophila miranda]
>gi|1036794333|ref|XP_017136166.1| PREDICTED: girdin isoform X3 [Drosophila miranda]
>gi|1036829922|ref|XP_017138144.1| PREDICTED: titin homolog [Drosophila miranda]
>gi|1036829960|ref|XP_017138146.1| PREDICTED: uncharacterized protein LOC108152957 [Drosophila
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>gi|1036829978|ref|XP_017138147.1| PREDICTED: uncharacterized protein LOC108152958 [Drosophila
>gi|1036829941|ref|XP_017138145.1| PREDICTED: tRNA (guanine(37)-N1)-methyltransferase [Drosoph
>gi|1036843652|ref|XP_017138917.1| PREDICTED: short/branched chain specific acyl-CoA dehydroge.
>gi|1036843670|ref|XP_017138918.1| PREDICTED: ninjurin-1 [Drosophila miranda]
>gi|1036782545|ref|XP 017135493.1| PREDICTED: long-chain-fatty-acid--CoA ligase 5 isoform X1 [
>gi|1036782564|ref|XP_017135494.1| PREDICTED: long-chain-fatty-acid--CoA ligase 5 isoform X1 [
>gi|1036782582|ref|XP 017135495.1| PREDICTED: long-chain-fatty-acid--CoA ligase 5 isoform X2 [
>gi|1036782526|ref|XP_017135492.1| PREDICTED: UDP-glucose:glycoprotein glucosyltransferase [Dr
>gi|1036782600|ref|XP_017135497.1| PREDICTED: cell cycle checkpoint control protein RAD9A [Dros
>gi|1036782657|ref|XP_017135500.1| PREDICTED: biogenesis of lysosome-related organelles complex
>gi|1036782674|ref|XP_017135501.1| PREDICTED: glutaredoxin-C4 [Drosophila miranda]
>gi|1036782638|ref|XP_017135499.1| PREDICTED: dysbindin protein homolog [Drosophila miranda]
>gi|1036782619|ref|XP_017135498.1| PREDICTED: ADP-ribosylation factor-like protein 6-interacting
>gi|1036759086|ref|XP_017156816.1| PREDICTED: transmembrane protease serine 9 [Drosophila mirate
>gi|1036820924|ref|XP_017137637.1| PREDICTED: protein I'm not dead yet isoform X1 [Drosophila i
>gi|1036820943|ref|XP_017137638.1| PREDICTED: protein I'm not dead yet isoform X2 [Drosophila i
>gi|1036847497|ref|XP_017139119.1| PREDICTED: uncharacterized protein LOC108153557 isoform X1
>gi|1036847514|ref|XP_017139120.1| PREDICTED: uncharacterized protein LOC108153557 isoform X2
>gi|1036832533|ref|XP_017138292.1| PREDICTED: catalase isoform X1 [Drosophila miranda]
>gi|1036832552|ref|XP 017138293.1| PREDICTED: catalase isoform X2 [Drosophila miranda]
>gi|1036844356|ref|XP_017138953.1| PREDICTED: uncharacterized protein LOC108153447 [Drosophila
>gi|1036844374|ref|XP 017138954.1| PREDICTED: uncharacterized protein LOC108153447 [Drosophila
>gi|1036808939|ref|XP_017136984.1| PREDICTED: uncharacterized protein LOC108152274 [Drosophila
>gi|1036808919|ref|XP_017136983.1| PREDICTED: uncharacterized protein LOC108152273 [Drosophila
>gi|1036826370|ref|XP_017137940.1| PREDICTED: nuclear hormone receptor FTZ-F1 [Drosophila mirated
>gi|1036820721|ref|XP_017137625.1| PREDICTED: ubiquitin-like-conjugating enzyme ATG3 [Drosophi
>gi|1036820700|ref|XP_017137624.1| PREDICTED: nuclear fragile X mental retardation-interacting
>gi|1036820741|ref|XP_017137626.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036763115|ref|XP_017157050.1| PREDICTED: protein terminus [Drosophila miranda]
>gi|1036764894|ref|XP_017157142.1| PREDICTED: M protein, serotype 2.1-like [Drosophila miranda]
>gi|1036847760|ref|XP_017139132.1| PREDICTED: uncharacterized protein LOC108153567 [Drosophila
>gi|1036849122|ref|XP_017139210.1| PREDICTED: uncharacterized protein LOC108153620 isoform X1
>gi|1036849139|ref|XP_017139211.1| PREDICTED: uncharacterized protein LOC108153620 isoform X1
>gi|1036849155|ref|XP_017139212.1| PREDICTED: uncharacterized protein LOC108153620 isoform X2
>gi|1036851689|ref|XP 017139363.1| PREDICTED: uncharacterized protein LOC108153745 [Drosophila
>gi|1036847869|ref|XP_017139138.1| PREDICTED: uncharacterized protein LOC108153571 [Drosophila
>gi|1036759105|ref|XP_017156817.1| PREDICTED: putative odorant receptor 69a [Drosophila mirand
>gi|1036759126|ref|XP_017156819.1| PREDICTED: putative odorant receptor 69a [Drosophila mirand
>gi|1036765869|ref|XP_017134544.1| PREDICTED: malate dehydrogenase, mitochondrial [Drosophila i
>gi|1036764947|ref|XP_017157143.1| PREDICTED: malate dehydrogenase, mitochondrial [Drosophila i
>gi|1036841227|ref|XP_017138787.1| PREDICTED: cullin homolog 1 [Drosophila miranda]
>gi|1036818364|ref|XP_017137502.1| PREDICTED: 10 kDa heat shock protein, mitochondrial [Drosop
>gi|1036818346|ref|XP_017137501.1| PREDICTED: 39S ribosomal protein L20, mitochondrial [Drosop
>gi|1036818328|ref|XP_017137500.1| PREDICTED: protein-S-isoprenylcysteine O-methyltransferase
>gi|1036818309|ref|XP_017137499.1| PREDICTED: adenosine kinase isoform X2 [Drosophila miranda]
>gi|1036818290|ref|XP_017137498.1| PREDICTED: adenosine kinase isoform X1 [Drosophila miranda]
>gi|1036829655|ref|XP_017138128.1| PREDICTED: 40S ribosomal protein S12 [Drosophila miranda]
>gi|1036829594|ref|XP_017138125.1| PREDICTED: zinc finger MYND domain-containing protein 10 hor
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>gi|1036829636|ref|XP_017138127.1| PREDICTED: matrix-remodeling-associated protein 7 [Drosophi
>gi|1036829615|ref|XP_017138126.1| PREDICTED: uncharacterized protein LOC108152942 [Drosophila
>gi|1036843889|ref|XP_017138928.1| PREDICTED: cyclin-H [Drosophila miranda]
>gi|1036764131|ref|XP_017157102.1| PREDICTED: protein embryonic gonad [Drosophila miranda]
>gi|1036825202|ref|XP 017137876.1| PREDICTED: ras-interacting protein RIP3-like [Drosophila min
>gi|1036825183|ref|XP_017137875.1| PREDICTED: ras-interacting protein RIP3-like [Drosophila mi
>gi|1036759145|ref|XP 017156820.1| PREDICTED: catalase C-like [Drosophila miranda]
>gi|1036844555|ref|XP_017138965.1| PREDICTED: beta-1-syntrophin isoform X1 [Drosophila miranda]
>gi|1036844573|ref|XP_017138966.1| PREDICTED: beta-1-syntrophin isoform X1 [Drosophila miranda]
>gi|1036844727|ref|XP_017138967.1| PREDICTED: beta-1-syntrophin isoform X1 [Drosophila miranda]
>gi|1036844746|ref|XP_017138969.1| PREDICTED: beta-1-syntrophin isoform X2 [Drosophila miranda]
>gi|1036844765|ref|XP_017138970.1| PREDICTED: brain acid soluble protein 1 [Drosophila miranda]
>gi|1036770366|ref|XP_017134791.1| PREDICTED: uncharacterized protein LOC108150967 [Drosophila
>gi|1036767446|ref|XP_017134630.1| PREDICTED: uncharacterized protein LOC108150834 [Drosophila
>gi|1036849381|ref|XP_017139225.1| PREDICTED: uncharacterized protein LOC108153633 [Drosophila
>gi|1036849365|ref|XP_017139224.1| PREDICTED: translation initiation factor IF-2 [Drosophila m
>gi|1036767741|ref|XP_017134643.1| PREDICTED: uncharacterized protein LOC108150851 [Drosophila
>gi|1036768687|ref|XP 017134695.1| PREDICTED: mucin-7 [Drosophila miranda]
>gi|1036823459|ref|XP_017137780.1| PREDICTED: uncharacterized protein LOC108152743 [Drosophila
>gi|1036823436|ref|XP 017137779.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036823478|ref|XP_017137781.1| PREDICTED: DNA-directed RNA polymerases I, II, and III subu
>gi|1036823417|ref|XP 017137777.1| PREDICTED: zinc finger protein OZF [Drosophila miranda]
>gi|1036836973|ref|XP_017138540.1| PREDICTED: uncharacterized protein LOC108153223 isoform X1
>gi|1036836992|ref|XP_017138542.1| PREDICTED: uncharacterized protein LOC108153223 isoform X2
>gi|1036832570|ref|XP_017138294.1| PREDICTED: ninein [Drosophila miranda]
>gi|1036759164|ref|XP_017156821.1| PREDICTED: acanthoscurrin-2 [Drosophila miranda]
>gi|1036759183|ref|XP_017156822.1| PREDICTED: translation initiation factor IF-2-like, partial
>gi|1036852527|ref|XP_017139416.1| PREDICTED: uncharacterized protein LOC108153783 [Drosophila
>gi|1036828033|ref|XP_017138037.1| PREDICTED: alsin homolog [Drosophila miranda]
>gi|1036828073|ref|XP_017138039.1| PREDICTED: uncharacterized protein LOC108152904 isoform X2
>gi|1036828054|ref|XP_017138038.1| PREDICTED: uncharacterized protein LOC108152904 isoform X1
>gi|1036764702|ref|XP_017157131.1| PREDICTED: endocuticle structural glycoprotein ABD-5 [Droso
>gi|1036841558|ref|XP_017138807.1| PREDICTED: ankyrin repeat and BTB/POZ domain-containing pro-
>gi|1036841539|ref|XP_017138806.1| PREDICTED: ankyrin repeat and BTB/POZ domain-containing pro-
>gi|1036847741|ref|XP 017139131.1| PREDICTED: copper transport protein ATOX1 [Drosophila miran
>gi|1036851857|ref|XP_017139374.1| PREDICTED: aldose 1-epimerase [Drosophila miranda]
>gi|1036851675|ref|XP_017139362.1| PREDICTED: probable fumarate hydratase, mitochondrial [Dros
>gi|1036811343|ref|XP_017137112.1| PREDICTED: aldose 1-epimerase [Drosophila miranda]
>gi|1036811365|ref|XP_017137113.1| PREDICTED: aldose 1-epimerase [Drosophila miranda]
>gi|1036811282|ref|XP_017137109.1| PREDICTED: fibroleukin [Drosophila miranda]
>gi|1036811305|ref|XP_017137110.1| PREDICTED: fibroleukin [Drosophila miranda]
>gi|1036811384|ref|XP_017137114.1| PREDICTED: ORM1-like protein [Drosophila miranda]
>gi|1036811324|ref|XP_017137111.1| PREDICTED: asparagine--tRNA ligase, cytoplasmic-like [Droso
>gi|1036811912|ref|XP_017137141.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036811931|ref|XP_017137142.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036847271|ref|XP_017139106.1| PREDICTED: uncharacterized protein LOC108153549 [Drosophila
>gi|1036847290|ref|XP_017139107.1| PREDICTED: neuropeptide Y receptor type 6 [Drosophila miran
>gi|1036847886|ref|XP_017139139.1| PREDICTED: uncharacterized protein LOC108153572 [Drosophila
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>gi|1036847904|ref|XP_017139140.1| PREDICTED: uncharacterized protein LOC108153572 [Drosophila
>gi|1036847941|ref|XP_017139143.1| PREDICTED: leucine-rich repeat-containing protein 9 [Drosop
>gi|1036847922|ref|XP_017139142.1| PREDICTED: glutamate receptor 2 [Drosophila miranda]
>gi|1036767964|ref|XP_017134655.1| PREDICTED: uncharacterized protein LOC108150864 [Drosophila
>gi|1036851890|ref|XP 017139377.1| PREDICTED: phospholipase B1, membrane-associated [Drosophile
>gi|1036851906|ref|XP_017139378.1| PREDICTED: phospholipase B1, membrane-associated [Drosophile
>gi|1036851925|ref|XP 017139379.1| PREDICTED: phospholipase B1, membrane-associated [Drosophile
>gi|1036834015|ref|XP_017138369.1| PREDICTED: ADP-dependent glucokinase [Drosophila miranda]
>gi|1036823840|ref|XP_017137800.1| PREDICTED: heat shock 70 kDa protein 4 isoform X1 [Drosophi
>gi|1036823859|ref|XP_017137801.1| PREDICTED: heat shock 70 kDa protein 4 isoform X1 [Drosophi
>gi|1036823878|ref|XP_017137802.1| PREDICTED: heat shock 70 kDa protein 4 isoform X2 [Drosophi
>gi|1036818969|ref|XP_017137537.1| PREDICTED: neuralized-like protein 4 [Drosophila miranda]
>gi|1036838446|ref|XP_017138630.1| PREDICTED: RNA exonuclease 4 [Drosophila miranda]
>gi|1036838463|ref|XP_017138631.1| PREDICTED: M-phase-specific PLK1-interacting protein [Droso
>gi|1036809572|ref|XP_017137015.1| PREDICTED: formin-like protein CG32138 isoform X5 [Drosophi
>gi|1036809502|ref|XP_017137011.1| PREDICTED: formin-like protein CG32138 isoform X1 [Drosophi
>gi|1036809589|ref|XP_017137016.1| PREDICTED: formin-like protein CG32138 isoform X6 [Drosophi
>gi|1036809521|ref|XP_017137012.1| PREDICTED: formin-like protein CG32138 isoform X2 [Drosophi
>gi|1036809538|ref|XP_017137013.1| PREDICTED: formin-like protein CG32138 isoform X3 [Drosophi
>gi|1036809555|ref|XP 017137014.1| PREDICTED: formin-like protein CG32138 isoform X4 [Drosophi
>gi|1036809464|ref|XP_017137009.1| PREDICTED: peroxisome biogenesis factor 1 [Drosophila miran-
>gi|1036809446|ref|XP 017137008.1| PREDICTED: fibroblast growth factor receptor homolog 2 [Drop
>gi|1036809483|ref|XP_017137010.1| PREDICTED: fat-body protein 1 [Drosophila miranda]
>gi|1036846586|ref|XP_017139066.1| PREDICTED: fat-body protein 1 [Drosophila miranda]
>gi|1036835572|ref|XP_017138458.1| PREDICTED: transcription factor Sox-14 [Drosophila miranda]
>gi|1036759200|ref|XP_017156823.1| PREDICTED: BTB/POZ domain-containing protein 2-like [Drosop
>gi|1036835554|ref|XP_017138457.1| PREDICTED: RNA-binding protein fusilli [Drosophila miranda]
>gi|1036841614|ref|XP_017138810.1| PREDICTED: SOX domain-containing protein dichaete [Drosophi
>gi|1036852250|ref|XP_017139400.1| PREDICTED: transient receptor potential cation channel subf
>gi|1036837329|ref|XP_017138562.1| PREDICTED: succinyl-CoA ligase [ADP/GDP-forming] subunit al
>gi|1036811950|ref|XP_017137143.1| PREDICTED: protein encore isoform X1 [Drosophila miranda]
>gi|1036811988|ref|XP_017137145.1| PREDICTED: protein encore isoform X3 [Drosophila miranda]
>gi|1036811969|ref|XP 017137144.1| PREDICTED: protein encore isoform X2 [Drosophila miranda]
>gi|1036812007|ref|XP_017137146.1| PREDICTED: protein encore isoform X4 [Drosophila miranda]
>gi|1036846199|ref|XP 017139043.1| PREDICTED: LIM/homeobox protein Awh isoform X1 [Drosophila 1
>gi|1036846216|ref|XP_017139044.1| PREDICTED: LIM/homeobox protein Awh isoform X2 [Drosophila i
>gi|1036846235|ref|XP 017139045.1| PREDICTED: LIM/homeobox protein Awh isoform X3 [Drosophila 1
>gi|1036846256|ref|XP_017139046.1| PREDICTED: LIM/homeobox protein Awh isoform X4 [Drosophila i
>gi|1036763260|ref|XP_017157056.1| PREDICTED: uncharacterized protein LOC108165511 [Drosophila
>gi|1036833374|ref|XP_017138342.1| PREDICTED: uncharacterized protein LOC108153072 [Drosophila
>gi|1036759219|ref|XP_017156824.1| PREDICTED: gustatory and odorant receptor 63a [Drosophila m
>gi|1036833340|ref|XP_017138339.1| PREDICTED: hsp90 co-chaperone Cdc37 [Drosophila miranda]
>gi|1036833356|ref|XP 017138341.1| PREDICTED: dnaJ homolog subfamily B member 13 [Drosophila m
>gi|1036819433|ref|XP_017137560.1| PREDICTED: patj homolog isoform X1 [Drosophila miranda]
>gi|1036819473|ref|XP_017137563.1| PREDICTED: patj homolog isoform X3 [Drosophila miranda]
>gi|1036819454|ref|XP_017137561.1| PREDICTED: patj homolog isoform X2 [Drosophila miranda]
>gi|1036819492|ref|XP_017137564.1| PREDICTED: protein JTB [Drosophila miranda]
>gi|1036832072|ref|XP_017138268.1| PREDICTED: bromodomain-containing protein DDB_G0280777 isof
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>gi|1036832089|ref|XP_017138269.1| PREDICTED: basic-leucine zipper transcription factor A isof
>gi|1036848164|ref|XP_017139154.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036769686|ref|XP_017134754.1| PREDICTED: uncharacterized protein LOC108150935 [Drosophila
>gi|1036767187|ref|XP_017134617.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1036851618|ref|XP_017139359.1| PREDICTED: cuticle protein 7 [Drosophila miranda]
>gi|1036850597|ref|XP_017139298.1| PREDICTED: uncharacterized protein LOC108153687 isoform X1
>gi|1036850616|ref|XP 017139299.1| PREDICTED: uncharacterized protein LOC108153687 isoform X2
>gi|1036805293|ref|XP_017136784.1| PREDICTED: CUE domain-containing protein 1 isoform X1 [Dros
>gi|1036805312|ref|XP_017136785.1| PREDICTED: CUE domain-containing protein 1 isoform X2 [Dros
>gi|1036805331|ref|XP_017136786.1| PREDICTED: CUE domain-containing protein 1 isoform X3 [Dros
>gi|1036805348|ref|XP_017136787.1| PREDICTED: ras-like protein 3 [Drosophila miranda]
>gi|1036805274|ref|XP_017136783.1| PREDICTED: HBS1-like protein [Drosophila miranda]
>gi|1036834916|ref|XP_017138419.1| PREDICTED: transmembrane protein 134 [Drosophila miranda]
>gi|1036823038|ref|XP_017137755.1| PREDICTED: uncharacterized protein LOC108152728 [Drosophila
>gi|1036823019|ref|XP_017137754.1| PREDICTED: FACT complex subunit spt16 isoform X2 [Drosophile
>gi|1036823000|ref|XP_017137752.1| PREDICTED: FACT complex subunit spt16 isoform X1 [Drosophile
>gi|1036840088|ref|XP_017138722.1| PREDICTED: carbohydrate sulfotransferase 11 isoform X1 [Drop
>gi|1036840107|ref|XP_017138723.1| PREDICTED: carbohydrate sulfotransferase 11 isoform X1 [Dros
>gi|1036840126|ref|XP_017138724.1| PREDICTED: carbohydrate sulfotransferase 11 isoform X1 [Dros
>gi|1036840145|ref|XP_017138725.1| PREDICTED: carbohydrate sulfotransferase 11 isoform X1 [Dros
>gi|1036840164|ref|XP_017138726.1| PREDICTED: carbohydrate sulfotransferase 11 isoform X2 [Dros
>gi|1036840183|ref|XP_017138727.1| PREDICTED: adenine phosphoribosyltransferase [Drosophila mi
>gi|1036840204|ref|XP_017138728.1| PREDICTED: adenine phosphoribosyltransferase [Drosophila mi
>gi|1036836729|ref|XP_017138526.1| PREDICTED: lipoma HMGIC fusion partner-like 3 protein [Dros
>gi|1036846935|ref|XP_017139086.1| PREDICTED: lysosome membrane protein 2 isoform X1 [Drosophi
>gi|1036846954|ref|XP_017139087.1| PREDICTED: lysosome membrane protein 2 isoform X1 [Drosophi
>gi|1036846973|ref|XP_017139088.1| PREDICTED: lysosome membrane protein 2 isoform X2 [Drosophi
>gi|1036851944|ref|XP_017139380.1| PREDICTED: alpha-protein kinase 1 [Drosophila miranda]
>gi|1036848126|ref|XP_017139152.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dref|XP_017139152.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dref
>gi|1036771948|ref|XP_017134879.1| PREDICTED: microfibrillar-associated protein 1 [Drosophila i
>gi|1036759238|ref|XP_017156825.1| PREDICTED: uncharacterized protein LOC108165301 [Drosophila
>gi|1036771966|ref|XP_017134881.1| PREDICTED: microtubule-associated protein futsch-like [Dros
>gi|1036771929|ref|XP_017134878.1| PREDICTED: ankyrin repeat domain-containing protein 26 [Dros
>gi|1036771910|ref|XP_017134877.1| PREDICTED: uncharacterized protein LOC108151029 [Drosophila
>gi|1036788535|ref|XP_017135837.1| PREDICTED: RING finger protein 10 [Drosophila miranda]
>gi|1036788606|ref|XP_017135841.1| PREDICTED: choline-phosphate cytidylyltransferase A [Drosop
>gi|1036788570|ref|XP_017135839.1| PREDICTED: choline-phosphate cytidylyltransferase A [Drosop
>gi|1036788588|ref|XP_017135840.1| PREDICTED: choline-phosphate cytidylyltransferase A [Drosop
>gi|1036788519|ref|XP_017135836.1| PREDICTED: DNA polymerase eta [Drosophila miranda]
>gi|1036788550|ref|XP_017135838.1| PREDICTED: solute carrier family 22 member 3 [Drosophila mi
>gi|1036807066|ref|XP_017136880.1| PREDICTED: poly(rC)-binding protein 3 isoform X16 [Drosophi
>gi|1036807048|ref|XP_017136879.1| PREDICTED: poly(rC)-binding protein 3 isoform X15 [Drosophi
>gi|1036807030|ref|XP_017136878.1| PREDICTED: poly(rC)-binding protein 3 isoform X14 [Drosophi
>gi|1036807016|ref|XP_017136876.1| PREDICTED: poly(rC)-binding protein 3 isoform X13 [Drosophi
>gi|1036806997|ref|XP_017136875.1| PREDICTED: poly(rC)-binding protein 3 isoform X12 [Drosophi
>gi|1036806981|ref|XP_017136874.1| PREDICTED: poly(rC)-binding protein 3 isoform X11 [Drosophi
>gi|1036806964|ref|XP_017136873.1| PREDICTED: poly(rC)-binding protein 3 isoform X10 [Drosophi
>gi|1036806927|ref|XP_017136871.1| PREDICTED: poly(rC)-binding protein 3 isoform X8 [Drosophile
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>gi|1036806816|ref|XP_017136865.1| PREDICTED: poly(rC)-binding protein 3 isoform X2 [Drosophile
>gi|1036806946|ref|XP_017136872.1| PREDICTED: poly(rC)-binding protein 3 isoform X9 [Drosophile
>gi|1036806909|ref|XP_017136870.1| PREDICTED: poly(rC)-binding protein 3 isoform X7 [Drosophile
>gi|1036806890|ref|XP_017136869.1| PREDICTED: poly(rC)-binding protein 3 isoform X6 [Drosophile
>gi|1036806872|ref|XP_017136868.1| PREDICTED: poly(rC)-binding protein 3 isoform X5 [Drosophile
>gi|1036806853|ref|XP_017136867.1| PREDICTED: poly(rC)-binding protein 3 isoform X4 [Drosophile
>gi|1036806834|ref|XP_017136866.1| PREDICTED: poly(rC)-binding protein 3 isoform X3 [Drosophile
>gi|1036806742|ref|XP_017136861.1| PREDICTED: poly(rC)-binding protein 3 isoform X1 [Drosophile
>gi|1036806762|ref|XP_017136862.1| PREDICTED: poly(rC)-binding protein 3 isoform X1 [Drosophile
>gi|1036806781|ref|XP_017136863.1| PREDICTED: poly(rC)-binding protein 3 isoform X1 [Drosophile
>gi|1036806799|ref|XP_017136864.1| PREDICTED: poly(rC)-binding protein 3 isoform X1 [Drosophile
>gi|1036768667|ref|XP_017134694.1| PREDICTED: neuropeptide-like protein 29 [Drosophila miranda]
>gi|1036832974|ref|XP_017138318.1| PREDICTED: delta-1-pyrroline-5-carboxylate dehydrogenase, m
>gi|1036825981|ref|XP_017137917.1| PREDICTED: nucleolar and coiled-body phosphoprotein 1-like
>gi|1036825939|ref|XP_017137915.1| PREDICTED: nucleolin 2-like isoform X1 [Drosophila miranda]
>gi|1036825958|ref|XP_017137916.1| PREDICTED: nucleolin 1-like isoform X2 [Drosophila miranda]
>gi|1036838182|ref|XP_017138614.1| PREDICTED: uncharacterized protein LOC108153263 [Drosophila
>gi|1036826144|ref|XP_017137927.1| PREDICTED: small integral membrane protein 8 [Drosophila mi
>gi|1036826127|ref|XP_017137926.1| PREDICTED: eukaryotic translation initiation factor 2A [Dros
>gi|1036846605|ref|XP_017139067.1| PREDICTED: uncharacterized protein LOC108153520 [Drosophila
>gi|1036799073|ref|XP_017136433.1| PREDICTED: serine/arginine repetitive matrix protein 1 [Dros
>gi|1036799107|ref|XP_017136435.1| PREDICTED: 40S ribosomal protein S4 [Drosophila miranda]
>gi|1036799090|ref|XP_017136434.1| PREDICTED: syntaxin-12 [Drosophila miranda]
>gi|1036799124|ref|XP_017136436.1| PREDICTED: uncharacterized protein LOC108151983 [Drosophila
>gi|1036768442|ref|XP_017134682.1| PREDICTED: uncharacterized protein LOC108150884 [Drosophila
>gi|1036767923|ref|XP_017134653.1| PREDICTED: uncharacterized protein LOC108150862 [Drosophila
>gi|1036759257|ref|XP_017156826.1| PREDICTED: uncharacterized protein LOC108165303 [Drosophila
>gi|1036848278|ref|XP_017139161.1| PREDICTED: serine/threonine-protein phosphatase PP1-like [Di
>gi|1036835868|ref|XP_017138475.1| PREDICTED: leucine-rich repeat-containing protein 15 [Droso
>gi|1036852125|ref|XP_017139392.1| PREDICTED: DC-STAMP domain-containing protein 1 [Drosophila
>gi|1036814002|ref|XP_017137255.1| PREDICTED: uncharacterized protein LOC108152434 [Drosophila
>gi|1036813984|ref|XP_017137254.1| PREDICTED: chondroadherin-like protein [Drosophila miranda]
>gi|1036759273|ref|XP_017156827.1| PREDICTED: hydrogenase nickel incorporation protein HypB-li
>gi|1036766387|ref|XP_017134570.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036766138|ref|XP 017134560.1| PREDICTED: collagen alpha-1(VIII) chain-like [Drosophila mi
>gi|1036850436|ref|XP_017139289.1| PREDICTED: cysteine and histidine-rich protein 1-B-like [Dr
>gi|1036850453|ref|XP_017139290.1| PREDICTED: neuropeptide-like 2 [Drosophila miranda]
>gi|1036847960|ref|XP_017139144.1| PREDICTED: uncharacterized protein LOC108153576 [Drosophila
>gi|1036846074|ref|XP_017139037.1| PREDICTED: uncharacterized protein LOC108153497 [Drosophila
>gi|1036759293|ref|XP_017156828.1| PREDICTED: uncharacterized protein LOC108165305, partial [Di
>gi|1036846055|ref|XP_017139036.1| PREDICTED: nucleolin [Drosophila miranda]
>gi|1036852417|ref|XP_017139410.1| PREDICTED: uncharacterized protein LOC108153779 [Drosophila
>gi|1036821869|ref|XP_017137689.1| PREDICTED: uncharacterized protein LOC108152694 [Drosophila
>gi|1036821890|ref|XP_017137690.1| PREDICTED: transmembrane protein 19 isoform X1 [Drosophila i
>gi|1036821911|ref|XP_017137691.1| PREDICTED: transmembrane protein 19 isoform X2 [Drosophila i
>gi|1036821850|ref|XP_017137688.1| PREDICTED: POC1 centriolar protein homolog isoform X2 [Dros
>gi|1036821813|ref|XP_017137685.1| PREDICTED: POC1 centriolar protein homolog isoform X1 [Dros
>gi|1036821831|ref|XP_017137686.1| PREDICTED: POC1 centriolar protein homolog isoform X1 [Dros
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>gi|1036846624|ref|XP_017139068.1| PREDICTED: zinc finger protein sens [Drosophila miranda]
>gi|1036849657|ref|XP_017139242.1| PREDICTED: tetratricopeptide repeat protein 36 homolog [Dros
>gi|1036849617|ref|XP_017139240.1| PREDICTED: uncharacterized protein LOC108153647 isoform X1
>gi|1036849636|ref|XP_017139241.1| PREDICTED: uncharacterized protein LOC108153647 isoform X2
>gi|1036842712|ref|XP 017138861.1| PREDICTED: whirlin isoform X3 [Drosophila miranda]
>gi|1036842833|ref|XP_017138868.1| PREDICTED: whirlin isoform X10 [Drosophila miranda]
>gi|1036842780|ref|XP 017138865.1| PREDICTED: whirlin isoform X7 [Drosophila miranda]
>gi|1036842728|ref|XP_017138862.1| PREDICTED: whirlin isoform X4 [Drosophila miranda]
>gi|1036842815|ref|XP_017138867.1| PREDICTED: whirlin isoform X9 [Drosophila miranda]
>gi|1036842693|ref|XP_017138859.1| PREDICTED: whirlin isoform X2 [Drosophila miranda]
>gi|1036842797|ref|XP_017138866.1| PREDICTED: whirlin isoform X8 [Drosophila miranda]
>gi|1036842747|ref|XP_017138863.1| PREDICTED: whirlin isoform X5 [Drosophila miranda]
>gi|1036842764|ref|XP_017138864.1| PREDICTED: whirlin isoform X6 [Drosophila miranda]
>gi|1036842677|ref|XP_017138858.1| PREDICTED: whirlin isoform X1 [Drosophila miranda]
>gi|1036842851|ref|XP_017138869.1| PREDICTED: whirlin isoform X11 [Drosophila miranda]
>gi|1036842864|ref|XP_017138870.1| PREDICTED: uncharacterized protein LOC108153394 [Drosophila
>gi|1036777927|ref|XP_017135223.1| PREDICTED: ral guanine nucleotide dissociation stimulator-1
>gi|1036777921|ref|XP_017135222.1| PREDICTED: G patch domain-containing protein 1 homolog [Dros
>gi|1036777911|ref|XP_017135220.1| PREDICTED: dynactin subunit 1 [Drosophila miranda]
>gi|1036777915|ref|XP 017135221.1| PREDICTED: dynactin subunit 1 [Drosophila miranda]
>gi|1036777939|ref|XP_017135224.1| PREDICTED: bicaudal D-related protein homolog isoform X1 [D:
>gi|1036777964|ref|XP 017135225.1| PREDICTED: bicaudal D-related protein homolog isoform X1 [Di
>gi|1036777976|ref|XP_017135226.1| PREDICTED: bicaudal D-related protein homolog isoform X2 [D:
>gi|1036777990|ref|XP_017135227.1| PREDICTED: bicaudal D-related protein homolog isoform X2 [Di
>gi|1036838482|ref|XP_017138632.1| PREDICTED: gastrula zinc finger protein XlCGF57.1 [Drosophi
>gi|1036785178|ref|XP_017135650.1| PREDICTED: ataxin-2 homolog [Drosophila miranda]
>gi|1036785322|ref|XP_017135656.1| PREDICTED: uncharacterized protein LOC108151519 [Drosophila
>gi|1036785197|ref|XP_017135651.1| PREDICTED: heat shock 70 kDa protein cognate 1 [Drosophila i
>gi|1036785286|ref|XP_017135654.1| PREDICTED: uncharacterized protein LOC108151517 isoform X3
>gi|1036785269|ref|XP 017135653.1| PREDICTED: uncharacterized protein LOC108151517 isoform X2
>gi|1036785233|ref|XP_017135652.1| PREDICTED: uncharacterized protein LOC108151517 isoform X1
>gi|1036759312|ref|XP_017156830.1| PREDICTED: cathepsin L-like [Drosophila miranda]
>gi|1036785304|ref|XP 017135655.1| PREDICTED: pre-intermoult gene 1 protein-like [Drosophila m
>gi|1036759331|ref|XP_017156831.1| PREDICTED: histone deacetylase HDT3-like [Drosophila mirand
>gi|1036839962|ref|XP_017138714.1| PREDICTED: digestive cysteine proteinase 1 [Drosophila mirates
>gi|1036813746|ref|XP_017137240.1| PREDICTED: formin-binding protein 1-like isoform X3 [Drosop
>gi|1036813710|ref|XP_017137238.1| PREDICTED: formin-binding protein 1-like isoform X1 [Drosop.
>gi|1036813729|ref|XP_017137239.1| PREDICTED: formin-binding protein 1-like isoform X2 [Drosop
>gi|1036813799|ref|XP_017137243.1| PREDICTED: formin-binding protein 1-like isoform X6 [Drosop.
>gi|1036813818|ref|XP_017137244.1| PREDICTED: formin-binding protein 1-like isoform X7 [Drosop
>gi|1036813763|ref|XP_017137241.1| PREDICTED: formin-binding protein 1-like isoform X4 [Drosop
>gi|1036813781|ref|XP_017137242.1| PREDICTED: formin-binding protein 1-like isoform X5 [Drosop
>gi|1036813837|ref|XP_017137245.1| PREDICTED: formin-binding protein 1-like isoform X8 [Drosop
>gi|1036813857|ref|XP_017137246.1| PREDICTED: formin-binding protein 1-like isoform X9 [Drosop
>gi|1036786248|ref|XP_017135709.1| PREDICTED: uncharacterized protein LOC108151553 [Drosophila
>gi|1036786195|ref|XP_017135706.1| PREDICTED: uncharacterized protein LOC108151551 isoform X1
>gi|1036786212|ref|XP_017135707.1| PREDICTED: uncharacterized protein LOC108151551 isoform X2
>gi|1036786029|ref|XP_017135696.1| PREDICTED: semaphorin-5A isoform X2 [Drosophila miranda]
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>gi|1036785988|ref|XP_017135694.1| PREDICTED: semaphorin-5A isoform X1 [Drosophila miranda]
>gi|1036786008|ref|XP_017135695.1| PREDICTED: semaphorin-5A isoform X1 [Drosophila miranda]
>gi|1036786231|ref|XP_017135708.1| PREDICTED: uncharacterized protein LOC108151552 [Drosophila
>gi|1036786048|ref|XP_017135697.1| PREDICTED: uncharacterized protein LOC108151547 isoform X1
>gi|1036786065|ref|XP 017135698.1| PREDICTED: uncharacterized protein LOC108151547 isoform X2
>gi|1036786084|ref|XP_017135699.1| PREDICTED: uncharacterized protein LOC108151548 isoform X1
>gi|1036786103|ref|XP 017135700.1| PREDICTED: uncharacterized protein LOC108151548 isoform X2
>gi|1036786159|ref|XP_017135704.1| PREDICTED: uncharacterized protein LOC108151550 isoform X1
>gi|1036786177|ref|XP_017135705.1| PREDICTED: uncharacterized protein LOC108151550 isoform X2
>gi|1036786141|ref|XP_017135703.1| PREDICTED: nuclease-sensitive element-binding protein 1 iso
>gi|1036786122|ref|XP_017135702.1| PREDICTED: nuclease-sensitive element-binding protein 1 iso
>gi|1036759350|ref|XP_017156832.1| PREDICTED: uncharacterized protein LOC108165308 [Drosophila
>gi|1036790950|ref|XP_017135974.1| PREDICTED: sterol regulatory element-binding protein 1 [Dros
>gi|1036790969|ref|XP_017135975.1| PREDICTED: sterol regulatory element-binding protein 1 [Dros
>gi|1036791116|ref|XP_017135984.1| PREDICTED: uncharacterized protein LOC108151719 isoform X3
>gi|1036791040|ref|XP_017135979.1| PREDICTED: uncharacterized protein LOC108151718 isoform X1
>gi|1036791059|ref|XP_017135980.1| PREDICTED: uncharacterized protein LOC108151718 isoform X2
>gi|1036791097|ref|XP_017135983.1| PREDICTED: uncharacterized protein LOC108151719 isoform X2
>gi|1036791078|ref|XP_017135982.1| PREDICTED: uncharacterized protein LOC108151719 isoform X1
>gi|1036791135|ref|XP 017135985.1| PREDICTED: uncharacterized protein LOC108151720 [Drosophila
>gi|1036791154|ref|XP_017135986.1| PREDICTED: coiled-coil domain-containing protein 58 [Drosop
>gi|1036791173|ref|XP 017135987.1| PREDICTED: DNA repair protein SWI5 homolog [Drosophila mirated]
>gi|1036790984|ref|XP_017135976.1| PREDICTED: importin subunit alpha-7 [Drosophila miranda]
>gi|1036791003|ref|XP_017135977.1| PREDICTED: probable cytochrome P450 305a1 isoform X1 [Droso
>gi|1036791021|ref|XP_017135978.1| PREDICTED: probable cytochrome P450 305a1 isoform X2 [Droso
>gi|1036834413|ref|XP_017138389.1| PREDICTED: protein cycle isoform X2 [Drosophila miranda]
>gi|1036834394|ref|XP_017138387.1| PREDICTED: protein cycle isoform X1 [Drosophila miranda]
>gi|1036834432|ref|XP_017138390.1| PREDICTED: acidic fibroblast growth factor intracellular-bi
>gi|1036834470|ref|XP_017138392.1| PREDICTED: deformed epidermal autoregulatory factor 1 isofo
>gi|1036834489|ref|XP_017138393.1| PREDICTED: deformed epidermal autoregulatory factor 1 isofo
>gi|1036826297|ref|XP_017137936.1| PREDICTED: serine/threonine-protein kinase tricorner [Droso
>gi|1036826315|ref|XP_017137937.1| PREDICTED: uncharacterized protein LOC108152840 [Drosophila
>gi|1036803956|ref|XP_017136707.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036803974|ref|XP_017136708.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036833484|ref|XP 017138347.1| PREDICTED: bifunctional 3'-phosphoadenosine 5'-phosphosulfa
>gi|1036833448|ref|XP_017138345.1| PREDICTED: bifunctional 3'-phosphoadenosine 5'-phosphosulfa
>gi|1036833467|ref|XP 017138346.1| PREDICTED: bifunctional 3'-phosphoadenosine 5'-phosphosulfa
>gi|1036831476|ref|XP_017138236.1| PREDICTED: ras-related protein Rab-8A [Drosophila miranda]
>gi|1036831495|ref|XP_017138237.1| PREDICTED: ras-related protein Rab-8A [Drosophila miranda]
>gi|1036831512|ref|XP_017138238.1| PREDICTED: ras-related protein Rab-8A [Drosophila miranda]
>gi|1036838201|ref|XP_017138616.1| PREDICTED: uncharacterized protein LOC108153264 [Drosophila
>gi|1036803770|ref|XP_017136698.1| PREDICTED: immediate early response 3-interacting protein 1
>gi|1036803751|ref|XP_017136697.1| PREDICTED: biogenesis of lysosome-related organelles complex
>gi|1036803716|ref|XP_017136695.1| PREDICTED: uncharacterized protein YER152C [Drosophila mirated]
>gi|1036803608|ref|XP_017136689.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803627|ref|XP_017136690.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803645|ref|XP_017136691.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803663|ref|XP_017136692.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
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>gi|1036803571|ref|XP_017136687.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803590|ref|XP_017136688.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803555|ref|XP_017136686.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803536|ref|XP_017136685.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803517|ref|XP 017136684.1| PREDICTED: proton-coupled amino acid transporter 4 isoform
>gi|1036803698|ref|XP_017136694.1| PREDICTED: proton-coupled amino acid transporter 1 [Drosoph
>gi|1036803680|ref|XP 017136693.1| PREDICTED: proton-coupled amino acid transporter 3 [Drosoph
>gi|1036803732|ref|XP_017136696.1| PREDICTED: acyl-CoA Delta(11) desaturase [Drosophila mirand
>gi|1036823614|ref|XP_017137789.1| PREDICTED: uncharacterized protein LOC108152746 isoform X4
>gi|1036823499|ref|XP_017137783.1| PREDICTED: uncharacterized protein LOC108152745 [Drosophila
>gi|1036823518|ref|XP_017137784.1| PREDICTED: histidine-rich glycoprotein isoform X1 [Drosophi
>gi|1036823537|ref|XP_017137785.1| PREDICTED: histidine-rich glycoprotein isoform X2 [Drosophi
>gi|1036823559|ref|XP_017137786.1| PREDICTED: histidine-rich glycoprotein isoform X3 [Drosophi
>gi|1036823577|ref|XP_017137787.1| PREDICTED: histidine-rich glycoprotein isoform X3 [Drosophi
>gi|1036823595|ref|XP_017137788.1| PREDICTED: histidine-rich glycoprotein isoform X3 [Drosophi
>gi|1036825772|ref|XP_017137905.1| PREDICTED: diphosphoinositol polyphosphate phosphohydrolase
>gi|1036825790|ref|XP_017137906.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036764021|ref|XP_017157100.1| PREDICTED: larval cuticle protein LCP-17-like [Drosophila m
>gi|1036834545|ref|XP_017138397.1| PREDICTED: mitochondrial inner membrane protein OXA1L [Dros
>gi|1036834566|ref|XP 017138398.1| PREDICTED: MIP18 family protein CG7949 [Drosophila miranda]
>gi|1036844391|ref|XP_017138956.1| PREDICTED: histidine-rich protein PFHRP-II isoform X1 [Dros
>gi|1036844409|ref|XP 017138957.1| PREDICTED: sarcoplasmic reticulum histidine-rich calcium-bi
>gi|1036844427|ref|XP_017138958.1| PREDICTED: biogenesis of lysosome-related organelles complex
>gi|1036826109|ref|XP_017137925.1| PREDICTED: ATP-dependent RNA helicase DDX42 [Drosophila mire
>gi|1036804160|ref|XP_017136719.1| PREDICTED: zinc finger MIZ domain-containing protein 2 [Dros
>gi|1036759367|ref|XP_017156833.1| PREDICTED: keratin, type II cytoskeletal 2 epidermal [Droso
>gi|1036783689|ref|XP_017135562.1| PREDICTED: transmembrane protein 184B isoform X1 [Drosophile
>gi|1036783707|ref|XP_017135564.1| PREDICTED: transmembrane protein 184B isoform X2 [Drosophile
>gi|1036783762|ref|XP_017135567.1| PREDICTED: 40S ribosomal protein S6-like [Drosophila mirand
>gi|1036783726|ref|XP_017135565.1| PREDICTED: rho GTPase-activating protein 17 [Drosophila mire
>gi|1036783610|ref|XP_017135558.1| PREDICTED: uncharacterized protein LOC108151451 [Drosophila
>gi|1036783629|ref|XP_017135559.1| PREDICTED: uncharacterized protein LOC108151451 [Drosophila
>gi|1036783745|ref|XP_017135566.1| PREDICTED: peroxisome biogenesis factor 10 [Drosophila mirate
>gi|1036783650|ref|XP_017135560.1| PREDICTED: molybdenum cofactor biosynthesis protein 1 isofo
>gi|1036783671|ref|XP 017135561.1| PREDICTED: molybdenum cofactor biosynthesis protein 1 isofo
>gi|1036783779|ref|XP_017135568.1| PREDICTED: probable prefoldin subunit 2 [Drosophila miranda]
>gi|1036827959|ref|XP 017138034.1| PREDICTED: unc-112-related protein [Drosophila miranda]
>gi|1036830330|ref|XP_017138169.1| PREDICTED: probable serine/threonine-protein kinase yakA is
>gi|1036830348|ref|XP_017138171.1| PREDICTED: probable serine/threonine-protein kinase yakA is
>gi|1036830367|ref|XP_017138172.1| PREDICTED: putative uncharacterized protein DDB_G0272516 is
>gi|1036830385|ref|XP_017138173.1| PREDICTED: probable serine/threonine-protein kinase yakA is
>gi|1036830404|ref|XP_017138174.1| PREDICTED: adenylate cyclase, terminal-differentiation spec
>gi|1036830423|ref|XP_017138175.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X5
>gi|1036830440|ref|XP_017138176.1| PREDICTED: G-box-binding factor isoform X6 [Drosophila mirated
>gi|1036830459|ref|XP_017138177.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X7
>gi|1036830478|ref|XP_017138178.1| PREDICTED: uncharacterized protein LOC108152969 isoform X8
>gi|1036830495|ref|XP_017138179.1| PREDICTED: uncharacterized protein LOC108152969 isoform X9
>gi|1036830514|ref|XP_017138180.1| PREDICTED: uncharacterized protein LOC108152969 isoform X10
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>gi|1036842584|ref|XP_017138853.1| PREDICTED: uncharacterized protein LOC108153389 [Drosophila
>gi|1036842530|ref|XP_017138851.1| PREDICTED: glutamate decarboxylase [Drosophila miranda]
>gi|1036842565|ref|XP_017138852.1| PREDICTED: glutamate decarboxylase [Drosophila miranda]
>gi|1036848824|ref|XP_017139192.1| PREDICTED: fumarylacetoacetase [Drosophila miranda]
>gi|1036830702|ref|XP 017138191.1| PREDICTED: bone morphogenetic protein receptor type-2 [Dros-
>gi|1036830721|ref|XP_017138192.1| PREDICTED: bone morphogenetic protein receptor type-2 [Dros
>gi|1036830740|ref|XP 017138194.1| PREDICTED: cytochrome P450 302a1, mitochondrial [Drosophila
>gi|1036851838|ref|XP_017139373.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1036851819|ref|XP_017139371.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1036846735|ref|XP_017139075.1| PREDICTED: uncharacterized protein LOC108153526 isoform X2
>gi|1036846717|ref|XP_017139074.1| PREDICTED: uncharacterized protein LOC108153526 isoform X1
>gi|1036846754|ref|XP_017139076.1| PREDICTED: protein dpy-30 homolog [Drosophila miranda]
>gi|1036846771|ref|XP_017139077.1| PREDICTED: protein dpy-30 homolog [Drosophila miranda]
>gi|1036846790|ref|XP_017139078.1| PREDICTED: protein dpy-30 homolog [Drosophila miranda]
>gi|1036846808|ref|XP_017139079.1| PREDICTED: protein dpy-30 homolog [Drosophila miranda]
>gi|1036846827|ref|XP_017139080.1| PREDICTED: protein dpy-30 homolog [Drosophila miranda]
>gi|1036832162|ref|XP_017138274.1| PREDICTED: microspherule protein 1 [Drosophila miranda]
>gi|1036834451|ref|XP_017138391.1| PREDICTED: BCL2/adenovirus E1B 19 kDa protein-interacting p
>gi|1036794954|ref|XP_017136201.1| PREDICTED: gustatory receptor for sugar taste 64f isoform X
>gi|1036794970|ref|XP_017136202.1| PREDICTED: gustatory receptor for sugar taste 64f isoform X
>gi|1036795027|ref|XP_017136205.1| PREDICTED: gustatory receptor for sugar taste 64e isoform X
>gi|1036795046|ref|XP_017136206.1| PREDICTED: gustatory receptor for sugar taste 64e isoform X
>gi|1036795119|ref|XP_017136211.1| PREDICTED: gustatory receptor for sugar taste 64d isoform X-
>gi|1036795081|ref|XP_017136208.1| PREDICTED: gustatory receptor for sugar taste 64c isoform X
>gi|1036795100|ref|XP_017136209.1| PREDICTED: gustatory receptor for sugar taste 64c isoform X
>gi|1036795065|ref|XP_017136207.1| PREDICTED: gustatory receptor for sugar taste 64c isoform X
>gi|1036795213|ref|XP_017136216.1| PREDICTED: gustatory receptor for sugar taste 64c-like isof
>gi|1036795194|ref|XP_017136215.1| PREDICTED: gustatory receptor for sugar taste 64c-like isof
>gi|1036795230|ref|XP_017136217.1| PREDICTED: gustatory receptor for sugar taste 64b [Drosophi
>gi|1036795008|ref|XP_017136204.1| PREDICTED: gustatory receptor for sugar taste 64a isoform X
>gi|1036794988|ref|XP_017136203.1| PREDICTED: gustatory receptor for sugar taste 64a isoform X
>gi|1036795139|ref|XP_017136212.1| PREDICTED: gustatory receptor for sugar taste 61a isoform X
>gi|1036795175|ref|XP_017136214.1| PREDICTED: gustatory receptor for sugar taste 61a isoform X
>gi|1036795156|ref|XP_017136213.1| PREDICTED: gustatory receptor for sugar taste 61a isoform X
>gi|1036794824|ref|XP 017136193.1| PREDICTED: centrosomal protein of 290 kDa isoform X1 [Droso
>gi|1036794843|ref|XP_017136194.1| PREDICTED: centrosomal protein of 290 kDa isoform X1 [Droso
>gi|1036794860|ref|XP 017136195.1| PREDICTED: centrosomal protein of 290 kDa isoform X2 [Droso
>gi|1036795267|ref|XP_017136219.1| PREDICTED: enoyl-CoA delta isomerase 2, mitochondrial-like
>gi|1036795248|ref|XP_017136218.1| PREDICTED: enoyl-CoA delta isomerase 2, mitochondrial-like
>gi|1036794938|ref|XP_017136200.1| PREDICTED: uncharacterized protein LOC108151835 [Drosophila
>gi|1036794879|ref|XP_017136197.1| PREDICTED: uncharacterized protein LOC108151834 isoform X1
>gi|1036794898|ref|XP_017136198.1| PREDICTED: uncharacterized protein LOC108151834 isoform X1
>gi|1036794918|ref|XP 017136199.1| PREDICTED: uncharacterized protein LOC108151834 isoform X2
>gi|1036781482|ref|XP_017135435.1| PREDICTED: nuclear receptor coactivator 6 [Drosophila mirane
>gi|1036781444|ref|XP_017135433.1| PREDICTED: monocarboxylate transporter 1 [Drosophila mirand
>gi|1036781463|ref|XP_017135434.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036805988|ref|XP_017136824.1| PREDICTED: uncharacterized protein LOC108152187 [Drosophila
>gi|1036805970|ref|XP_017136823.1| PREDICTED: gastrula zinc finger protein XlCGF53.1 [Drosophi
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>gi|1036806098|ref|XP_017136825.1| PREDICTED: LOW QUALITY PROTEIN: glucose transporter type 1
>gi|1036846991|ref|XP_017139089.1| PREDICTED: protein FAM69C [Drosophila miranda]
>gi|1036838144|ref|XP_017138612.1| PREDICTED: uncharacterized protein LOC108153260 [Drosophila
>gi|1036838125|ref|XP_017138611.1| PREDICTED: myb-like protein AA [Drosophila miranda]
>gi|1036788823|ref|XP 017135855.1| PREDICTED: phosphatase and actin regulator 4 isoform X11 [Di
>gi|1036788750|ref|XP_017135850.1| PREDICTED: phosphatase and actin regulator 4 isoform X7 [Dr
>gi|1036788716|ref|XP 017135848.1| PREDICTED: neurogenic protein mastermind isoform X5 [Drosop
>gi|1036788697|ref|XP_017135847.1| PREDICTED: neurogenic protein mastermind isoform X4 [Drosop
>gi|1036788678|ref|XP_017135846.1| PREDICTED: neurogenic protein mastermind isoform X3 [Drosop
>gi|1036788659|ref|XP_017135845.1| PREDICTED: neurogenic protein mastermind isoform X2 [Drosop
>gi|1036788624|ref|XP_017135842.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036788641|ref|XP 017135844.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop.
>gi|1036788767|ref|XP_017135851.1| PREDICTED: phosphatase and actin regulator 4 isoform X8 [Dref|XP_017135851.1]
>gi|1036788842|ref|XP_017135856.1| PREDICTED: phosphatase and actin regulator 2 isoform X12 [Di
>gi|1036788786|ref|XP_017135852.1| PREDICTED: phosphatase and actin regulator 2 isoform X9 [Dr
>gi|1036788804|ref|XP_017135853.1| PREDICTED: neurogenic protein mastermind isoform X10 [Droso
>gi|1036788736|ref|XP_017135849.1| PREDICTED: neurogenic protein mastermind isoform X6 [Drosop
>gi|1036788861|ref|XP_017135857.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
>gi|1036788912|ref|XP_017135859.1| PREDICTED: uncharacterized protein LOC108151651 [Drosophila
>gi|1036788879|ref|XP 017135858.1| PREDICTED: protein nutcracker [Drosophila miranda]
>gi|1036809606|ref|XP_017137017.1| PREDICTED: integrator complex subunit 10 [Drosophila mirand
>gi|1036809657|ref|XP 017137020.1| PREDICTED: mpv17-like protein 2 [Drosophila miranda]
>gi|1036809676|ref|XP_017137023.1| PREDICTED: mpv17-like protein 2 [Drosophila miranda]
>gi|1036809623|ref|XP_017137018.1| PREDICTED: GPI mannosyltransferase 3 isoform X1 [Drosophila
>gi|1036809640|ref|XP_017137019.1| PREDICTED: GPI mannosyltransferase 3 isoform X2 [Drosophila
>gi|1036806136|ref|XP_017136827.1| PREDICTED: rab11 family-interacting protein 4B isoform X2 [
>gi|1036806169|ref|XP_017136830.1| PREDICTED: rab11 family-interacting protein 4B isoform X4 [
>gi|1036806187|ref|XP_017136831.1| PREDICTED: rab11 family-interacting protein 4B isoform X5 [
>gi|1036806205|ref|XP_017136832.1| PREDICTED: rab11 family-interacting protein 4B isoform X6 [
>gi|1036806224|ref|XP_017136833.1| PREDICTED: rab11 family-interacting protein 4B isoform X7 [
>gi|1036806279|ref|XP_017136836.1| PREDICTED: peptidyl-prolyl cis-trans isomerase [Drosophila i
>gi|1036806117|ref|XP_017136826.1| PREDICTED: bromodomain-containing protein DDB_G0280777 isof
>gi|1036806151|ref|XP_017136829.1| PREDICTED: bromodomain-containing protein DDB_G0280777 isof
>gi|1036806243|ref|XP_017136834.1| PREDICTED: rab11 family-interacting protein 4B isoform X8 [
>gi|1036806262|ref|XP 017136835.1| PREDICTED: MAGE-like protein 2 [Drosophila miranda]
>gi|1036806297|ref|XP_017136837.1| PREDICTED: uncharacterized protein LOC108152194 [Drosophila
>gi|1036764444|ref|XP_017157118.1| PREDICTED: alpha/beta-gliadin A-V [Drosophila miranda]
>gi|1036806412|ref|XP_017136844.1| PREDICTED: frizzled isoform X1 [Drosophila miranda]
>gi|1036806433|ref|XP_017136845.1| PREDICTED: frizzled isoform X2 [Drosophila miranda]
>gi|1036806452|ref|XP_017136846.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1036851543|ref|XP_017139355.1| PREDICTED: uncharacterized protein LOC108153736 [Drosophila
>gi|1036839083|ref|XP_017138670.1| PREDICTED: uncharacterized protein LOC108153294 [Drosophila
>gi|1036759386|ref|XP_017156834.1| PREDICTED: digestive cysteine proteinase 1-like, partial [Di
>gi|1036787666|ref|XP_017135789.1| PREDICTED: uncharacterized protein LOC108151609 isoform X1
>gi|1036787681|ref|XP_017135790.1| PREDICTED: uncharacterized protein LOC108151609 isoform X2
>gi|1036787696|ref|XP_017135791.1| PREDICTED: uncharacterized protein LOC108151610 [Drosophila
>gi|1036787592|ref|XP_017135783.1| PREDICTED: uncharacterized protein LOC108151608 isoform X1
>gi|1036787607|ref|XP_017135785.1| PREDICTED: PDZ domain-containing protein 2 isoform X2 [Dros
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>gi|1036787622|ref|XP_017135786.1| PREDICTED: PDZ domain-containing protein 2 isoform X3 [Drose
>gi|1036787637|ref|XP_017135787.1| PREDICTED: PDZ domain-containing protein 2 isoform X4 [Dros
>gi|1036787651|ref|XP_017135788.1| PREDICTED: PDZ domain-containing protein 2 isoform X5 [Dros
>gi|1036759403|ref|XP_017156835.1| PREDICTED: uncharacterized protein LOC108165311 [Drosophila
>gi|1036759420|ref|XP 017156836.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1036834033|ref|XP_017138370.1| PREDICTED: phosphate carrier protein, mitochondrial [Drosop
>gi|1036834049|ref|XP_017138371.1| PREDICTED: phosphate carrier protein, mitochondrial [Drosop
>gi|1036824733|ref|XP_017137852.1| PREDICTED: protein phosphatase 1 regulatory subunit 3C isof
>gi|1036824714|ref|XP_017137851.1| PREDICTED: protein phosphatase 1 regulatory subunit 3C isof
>gi|1036836428|ref|XP_017138509.1| PREDICTED: COMM domain-containing protein 4 [Drosophila mire
>gi|1036836466|ref|XP_017138511.1| PREDICTED: leucokinin [Drosophila miranda]
>gi|1036836447|ref|XP_017138510.1| PREDICTED: tctex1 domain-containing protein 2 [Drosophila m
>gi|1036848088|ref|XP_017139150.1| PREDICTED: homeobox protein Nkx-6.1 [Drosophila miranda]
>gi|1036841523|ref|XP_017138804.1| PREDICTED: ecdysone 20-monooxygenase isoform X3 [Drosophila
>gi|1036841469|ref|XP_017138801.1| PREDICTED: ecdysone 20-monooxygenase isoform X1 [Drosophila
>gi|1036841486|ref|XP_017138802.1| PREDICTED: ecdysone 20-monooxygenase isoform X1 [Drosophila
>gi|1036841505|ref|XP_017138803.1| PREDICTED: ecdysone 20-monooxygenase isoform X2 [Drosophila
>gi|1036817367|ref|XP_017137445.1| PREDICTED: uncharacterized protein LOC108152545 isoform X1
>gi|1036817386|ref|XP_017137446.1| PREDICTED: uncharacterized protein LOC108152545 isoform X2
>gi|1036817407|ref|XP 017137447.1| PREDICTED: uncharacterized protein LOC108152545 isoform X2
>gi|1036817348|ref|XP_017137444.1| PREDICTED: ATP-dependent DNA helicase Q5 [Drosophila mirand
>gi|1036801968|ref|XP 017136600.1| PREDICTED: IQ motif and SEC7 domain-containing protein 2 is
>gi|1036802022|ref|XP_017136603.1| PREDICTED: IQ motif and SEC7 domain-containing protein 2 is
>gi|1036801984|ref|XP_017136601.1| PREDICTED: IQ motif and SEC7 domain-containing protein 2 is
>gi|1036802004|ref|XP_017136602.1| PREDICTED: IQ motif and SEC7 domain-containing protein 2 is
>gi|1036802040|ref|XP_017136605.1| PREDICTED: IQ motif and SEC7 domain-containing protein 2 is
>gi|1036791429|ref|XP_017136001.1| PREDICTED: protein alan shepard isoform X9 [Drosophila mirat
>gi|1036791502|ref|XP_017136006.1| PREDICTED: protein alan shepard isoform X13 [Drosophila mire
>gi|1036791447|ref|XP_017136002.1| PREDICTED: protein alan shepard isoform X10 [Drosophila mire
>gi|1036791393|ref|XP_017135999.1| PREDICTED: protein alan shepard isoform X7 [Drosophila mirated
>gi|1036791301|ref|XP_017135994.1| PREDICTED: protein alan shepard isoform X2 [Drosophila mirat
>gi|1036791412|ref|XP_017136000.1| PREDICTED: protein alan shepard isoform X8 [Drosophila mirated
>gi|1036791483|ref|XP 017136005.1| PREDICTED: protein alan shepard isoform X12 [Drosophila mire
>gi|1036791375|ref|XP_017135998.1| PREDICTED: protein alan shepard isoform X6 [Drosophila mirated
>gi|1036791356|ref|XP 017135997.1| PREDICTED: protein alan shepard isoform X5 [Drosophila mira:
>gi|1036791320|ref|XP_017135995.1| PREDICTED: protein alan shepard isoform X3 [Drosophila mirated
>gi|1036791338|ref|XP_017135996.1| PREDICTED: protein alan shepard isoform X4 [Drosophila mirat
>gi|1036791266|ref|XP_017135993.1| PREDICTED: protein alan shepard isoform X1 [Drosophila mirates
>gi|1036791465|ref|XP_017136004.1| PREDICTED: protein alan shepard isoform X11 [Drosophila mire
>gi|1036850180|ref|XP_017139275.1| PREDICTED: uncharacterized protein LOC108153672 [Drosophila
>gi|1036852180|ref|XP_017139395.1| PREDICTED: glutamate dehydrogenase, mitochondrial-like [Dros
>gi|1036767244|ref|XP_017134620.1| PREDICTED: uncharacterized protein LOC108150824 [Drosophila
>gi|1036767263|ref|XP 017134621.1| PREDICTED: uncharacterized protein LOC108150824 [Drosophila
>gi|1036766739|ref|XP_017134591.1| PREDICTED: ubiquitin-conjugating enzyme E2-22 kDa-like [Dros
>gi|1036821581|ref|XP_017137672.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1036759439|ref|XP_017156837.1| PREDICTED: uncharacterized protein LOC108165314 [Drosophila
>gi|1036821463|ref|XP_017137666.1| PREDICTED: uncharacterized protein LOC108152680 isoform X1
>gi|1036821484|ref|XP_017137667.1| PREDICTED: uncharacterized protein LOC108152680 isoform X2
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>gi|1036821505|ref|XP_017137668.1| PREDICTED: uncharacterized protein LOC108152680 isoform X2
>gi|1036821525|ref|XP_017137669.1| PREDICTED: uncharacterized protein LOC108152681 isoform X1
>gi|1036821544|ref|XP_017137670.1| PREDICTED: uncharacterized protein LOC108152681 isoform X2
>gi|1036821444|ref|XP_017137665.1| PREDICTED: ATP-binding cassette sub-family A member 3 [Dros
>gi|1036821562|ref|XP 017137671.1| PREDICTED: uncharacterized protein LOC108152682 [Drosophila
>gi|1036799479|ref|XP_017136456.1| PREDICTED: junctional adhesion molecule A isoform X2 [Droso
>gi|1036799460|ref|XP 017136455.1| PREDICTED: fibroblast growth factor receptor-like 1 isoform
>gi|1036799536|ref|XP_017136460.1| PREDICTED: N-alpha-acetyltransferase daf-31 [Drosophila mire
>gi|1036799554|ref|XP_017136461.1| PREDICTED: small integral membrane protein 13 [Drosophila m
>gi|1036799517|ref|XP_017136458.1| PREDICTED: protein TSSC4 [Drosophila miranda]
>gi|1036799498|ref|XP_017136457.1| PREDICTED: caspase Dronc [Drosophila miranda]
>gi|1036836151|ref|XP 017138493.1| PREDICTED: uncharacterized protein LOC108153189 isoform X1
>gi|1036836169|ref|XP_017138494.1| PREDICTED: uncharacterized protein LOC108153189 isoform X2
>gi|1036836186|ref|XP_017138495.1| PREDICTED: uncharacterized protein LOC108153189 isoform X3
>gi|1036836132|ref|XP_017138491.1| PREDICTED: SCY1-like protein 2 isoform X2 [Drosophila miran
>gi|1036836113|ref|XP_017138490.1| PREDICTED: SCY1-like protein 2 isoform X1 [Drosophila miran
>gi|1036794728|ref|XP_017136188.1| PREDICTED: nuclear distribution protein nudE homolog isoform
>gi|1036794710|ref|XP_017136187.1| PREDICTED: nuclear distribution protein nudE homolog isoform
>gi|1036794748|ref|XP_017136189.1| PREDICTED: type 1 phosphatidylinositol 4,5-bisphosphate 4-p
>gi|1036794768|ref|XP_017136190.1| PREDICTED: type 1 phosphatidylinositol 4,5-bisphosphate 4-p.
>gi|1036794786|ref|XP_017136191.1| PREDICTED: type 1 phosphatidylinositol 4,5-bisphosphate 4-p
>gi|1036794805|ref|XP 017136192.1| PREDICTED: uncharacterized protein LOC108151831 [Drosophila
>gi|1036794693|ref|XP_017136186.1| PREDICTED: calpain-B [Drosophila miranda]
>gi|1036814019|ref|XP_017137256.1| PREDICTED: transcription initiation factor TFIID subunit 2
>gi|1036814055|ref|XP_017137258.1| PREDICTED: ataxin-2 homolog isoform X2 [Drosophila miranda]
>gi|1036814037|ref|XP_017137257.1| PREDICTED: ataxin-2 homolog isoform X1 [Drosophila miranda]
>gi|1036818985|ref|XP_017137538.1| PREDICTED: glutamic acid-rich protein [Drosophila miranda]
>gi|1036842659|ref|XP_017138857.1| PREDICTED: uncharacterized Golgi apparatus membrane protein
>gi|1036842621|ref|XP_017138855.1| PREDICTED: uncharacterized Golgi apparatus membrane protein
>gi|1036842640|ref|XP_017138856.1| PREDICTED: uncharacterized Golgi apparatus membrane protein
>gi|1036842603|ref|XP_017138854.1| PREDICTED: uncharacterized Golgi apparatus membrane protein
>gi|1036797036|ref|XP_017136317.1| PREDICTED: spermine oxidase [Drosophila miranda]
>gi|1036797175|ref|XP_017136326.1| PREDICTED: transmembrane protein 60 [Drosophila miranda]
>gi|1036797193|ref|XP_017136327.1| PREDICTED: transmembrane protein 60 [Drosophila miranda]
>gi|1036797017|ref|XP 017136316.1| PREDICTED: proline-rich protein PRCC [Drosophila miranda]
>gi|1036797100|ref|XP_017136321.1| PREDICTED: protein brother isoform X4 [Drosophila miranda]
>gi|1036797052|ref|XP_017136318.1| PREDICTED: protein brother isoform X1 [Drosophila miranda]
>gi|1036797085|ref|XP_017136320.1| PREDICTED: protein brother isoform X3 [Drosophila miranda]
>gi|1036797068|ref|XP_017136319.1| PREDICTED: protein brother isoform X2 [Drosophila miranda]
>gi|1036797118|ref|XP_017136322.1| PREDICTED: protein brother isoform X5 [Drosophila miranda]
>gi|1036797156|ref|XP_017136325.1| PREDICTED: transmembrane protein 35 [Drosophila miranda]
>gi|1036797137|ref|XP_017136324.1| PREDICTED: vacuolar protein sorting-associated protein VTA1
>gi|1036785913|ref|XP_017135692.1| PREDICTED: peroxisomal membrane protein 2 [Drosophila mirane
>gi|1036785929|ref|XP_017135693.1| PREDICTED: peroxisomal membrane protein 2 [Drosophila mirane
>gi|1036785816|ref|XP_017135686.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036785778|ref|XP_017135684.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036785833|ref|XP_017135687.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036785797|ref|XP_017135685.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
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>gi|1036785852|ref|XP_017135688.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036785875|ref|XP_017135690.1| PREDICTED: uncharacterized protein C9orf78 [Drosophila mirated protein C9orf78]
>gi|1036785894|ref|XP_017135691.1| PREDICTED: 60S ribosomal protein L23a [Drosophila miranda]
>gi|1036764803|ref|XP_017157137.1| PREDICTED: ras-related protein Rab-34 [Drosophila miranda]
>gi|1036836651|ref|XP 017138522.1| PREDICTED: WD repeat-containing protein 78 [Drosophila mirates
>gi|1036836670|ref|XP_017138523.1| PREDICTED: WD repeat-containing protein 78 [Drosophila mirated
>gi|1036836616|ref|XP 017138521.1| PREDICTED: uncharacterized protein LOC108153210 [Drosophila
>gi|1036836689|ref|XP_017138524.1| PREDICTED: uncharacterized protein LOC108153212 [Drosophila
>gi|1036836710|ref|XP_017138525.1| PREDICTED: glycine-rich cell wall structural protein [Droso
>gi|1036792113|ref|XP_017136041.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792035|ref|XP_017136037.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792094|ref|XP_017136040.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792187|ref|XP_017136045.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792168|ref|XP_017136044.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792054|ref|XP_017136038.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792150|ref|XP_017136043.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792132|ref|XP_017136042.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792073|ref|XP_017136039.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036791927|ref|XP_017136030.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036791946|ref|XP 017136031.1| PREDICTED: protein still life, isoform SIF type 1 isoform X-
>gi|1036791964|ref|XP_017136032.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036791983|ref|XP_017136034.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792001|ref|XP_017136035.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792018|ref|XP_017136036.1| PREDICTED: protein still life, isoform SIF type 1 isoform X-
>gi|1036791908|ref|XP_017136029.1| PREDICTED: protein still life, isoforms C/SIF type 2 isoform
>gi|1036791890|ref|XP_017136028.1| PREDICTED: protein still life, isoforms C/SIF type 2 isoform
>gi|1036791871|ref|XP_017136027.1| PREDICTED: protein still life, isoforms C/SIF type 2 isoform
>gi|1036792202|ref|XP_017136046.1| PREDICTED: LOW QUALITY PROTEIN: separin [Drosophila miranda]
>gi|1036846308|ref|XP_017139049.1| PREDICTED: protein lin-28 homolog isoform X2 [Drosophila mi
>gi|1036846290|ref|XP_017139048.1| PREDICTED: protein lin-28 homolog isoform X1 [Drosophila mi
>gi|1036768887|ref|XP_017134707.1| PREDICTED: uncharacterized protein LOC108150904 isoform X2
>gi|1036768830|ref|XP_017134704.1| PREDICTED: uncharacterized protein LOC108150904 isoform X1
>gi|1036768849|ref|XP_017134705.1| PREDICTED: uncharacterized protein LOC108150904 isoform X1
>gi|1036768868|ref|XP_017134706.1| PREDICTED: uncharacterized protein LOC108150904 isoform X1
>gi|1036769248|ref|XP 017134729.1| PREDICTED: chromatin modification-related protein MEAF6 ison
>gi|1036769267|ref|XP_017134730.1| PREDICTED: chromatin modification-related protein MEAF6 iso
>gi|1036769286|ref|XP 017134731.1| PREDICTED: chromatin modification-related protein MEAF6 ison
>gi|1036769122|ref|XP_017134721.1| PREDICTED: transmembrane 9 superfamily member 3 [Drosophila
>gi|1036769194|ref|XP_017134726.1| PREDICTED: collagen alpha-2(IX) chain [Drosophila miranda]
>gi|1036769159|ref|XP_017134723.1| PREDICTED: membrane-bound alkaline phosphatase [Drosophila i
>gi|1036769140|ref|XP_017134722.1| PREDICTED: membrane-bound alkaline phosphatase [Drosophila i
>gi|1036759457|ref|XP_017156838.1| PREDICTED: cytochrome P450 307a1 [Drosophila miranda]
>gi|1036768794|ref|XP_017134702.1| PREDICTED: serine/arginine repetitive matrix protein 2 [Dros
>gi|1036768811|ref|XP_017134703.1| PREDICTED: serine/arginine repetitive matrix protein 2 [Dros
>gi|1036769086|ref|XP_017134719.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036769105|ref|XP_017134720.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036769305|ref|XP_017134733.1| PREDICTED: bladder cancer-associated protein [Drosophila mi
>gi|1036769322|ref|XP_017134734.1| PREDICTED: bladder cancer-associated protein [Drosophila mi
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>gi|1036769213|ref|XP_017134727.1| PREDICTED: CAAX prenyl protease 2 [Drosophila miranda]
>gi|1036769176|ref|XP_017134725.1| PREDICTED: succinyl-CoA ligase [GDP-forming] subunit beta,
>gi|1036769231|ref|XP_017134728.1| PREDICTED: uncharacterized protein LOC108150914 [Drosophila
>gi|1036768904|ref|XP_017134708.1| PREDICTED: collagen alpha-5(IV) chain isoform X1 [Drosophile
>gi|1036768922|ref|XP 017134709.1| PREDICTED: collagen alpha-5(IV) chain isoform X1 [Drosophile
>gi|1036768941|ref|XP_017134710.1| PREDICTED: collagen alpha-5(IV) chain isoform X2 [Drosophile
>gi|1036768960|ref|XP_017134711.1| PREDICTED: collagen alpha-1(X) chain isoform X3 [Drosophila
>gi|1036769001|ref|XP_017134713.1| PREDICTED: collagen alpha-1(X) chain isoform X5 [Drosophila
>gi|1036768982|ref|XP_017134712.1| PREDICTED: collagen alpha-1(I) chain isoform X4 [Drosophila
>gi|1036769018|ref|XP_017134714.1| PREDICTED: collagen alpha-1(I) chain isoform X6 [Drosophila
>gi|1036769035|ref|XP_017134716.1| PREDICTED: collagen alpha-1(I) chain isoform X6 [Drosophila
>gi|1036769051|ref|XP_017134717.1| PREDICTED: collagen alpha-1(III) chain isoform X7 [Drosophi
>gi|1036769067|ref|XP_017134718.1| PREDICTED: collagen alpha-1(V) chain isoform X8 [Drosophila
>gi|1036766665|ref|XP_017134586.1| PREDICTED: prisilkin-39 isoform X2 [Drosophila miranda]
>gi|1036766646|ref|XP_017134585.1| PREDICTED: prisilkin-39 isoform X1 [Drosophila miranda]
>gi|1036852398|ref|XP_017139409.1| PREDICTED: neuropeptide Y receptor type 1 [Drosophila miran
>gi|1036768612|ref|XP_017134690.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1036767126|ref|XP 017134614.1| PREDICTED: uncharacterized protein LOC108150818 [Drosophila
>gi|1036759475|ref|XP_017156839.1| PREDICTED: uncharacterized protein LOC108165316 [Drosophila
>gi|1036784396|ref|XP 017135603.1| PREDICTED: probable prefoldin subunit 4 [Drosophila miranda
>gi|1036784358|ref|XP_017135601.1| PREDICTED: probable Golgi SNAP receptor complex member 2 is
>gi|1036784341|ref|XP 017135600.1| PREDICTED: probable Golgi SNAP receptor complex member 2 is
>gi|1036784377|ref|XP_017135602.1| PREDICTED: ubiquitin-conjugating enzyme E2 variant 2 [Droso
>gi|1036784322|ref|XP_017135599.1| PREDICTED: cytochrome c1, heme protein, mitochondrial [Dros
>gi|1036784268|ref|XP_017135595.1| PREDICTED: kinesin-like protein KIF3A [Drosophila miranda]
>gi|1036784287|ref|XP_017135597.1| PREDICTED: putative phospholipase B-like lamina ancestor [Di
>gi|1036784306|ref|XP_017135598.1| PREDICTED: putative phospholipase B-like lamina ancestor [Di
>gi|1036843783|ref|XP_017138925.1| PREDICTED: protein alan shepard [Drosophila miranda]
>gi|1036843802|ref|XP_017138926.1| PREDICTED: protein alan shepard [Drosophila miranda]
>gi|1036759494|ref|XP_017156841.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036765309|ref|XP_017157163.1| PREDICTED: lachesin [Drosophila miranda]
>gi|1036766794|ref|XP_017134594.1| PREDICTED: ubiquitin-conjugating enzyme E2-22 kDa-like [Dros
>gi|1036767206|ref|XP 017134618.1| PREDICTED: uncharacterized protein LOC108150823 [Drosophila
>gi|1036767225|ref|XP_017134619.1| PREDICTED: uncharacterized protein LOC108150823 [Drosophila
>gi|1036843397|ref|XP 017138902.1| PREDICTED: uncharacterized protein LOC108153413 isoform X3
>gi|1036843338|ref|XP_017138897.1| PREDICTED: uncharacterized protein LOC108153413 isoform X1
>gi|1036843357|ref|XP_017138898.1| PREDICTED: uncharacterized protein LOC108153413 isoform X1
>gi|1036843377|ref|XP_017138901.1| PREDICTED: uncharacterized protein LOC108153413 isoform X2
>gi|1036843452|ref|XP_017138905.1| PREDICTED: uncharacterized protein LOC108153415 [Drosophila
>gi|1036843414|ref|XP_017138903.1| PREDICTED: uncharacterized protein LOC108153413 isoform X4
>gi|1036843433|ref|XP_017138904.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1036849873|ref|XP_017139256.1| PREDICTED: nucleolin [Drosophila miranda]
>gi|1036849892|ref|XP_017139257.1| PREDICTED: nucleolin [Drosophila miranda]
>gi|1036830552|ref|XP_017138183.1| PREDICTED: insulin-like growth factor-binding protein comple
>gi|1036830644|ref|XP_017138188.1| PREDICTED: phospholipid scramblase 1-like isoform X2 [Droso
>gi|1036830624|ref|XP_017138187.1| PREDICTED: phospholipid scramblase 1-like isoform X1 [Droso
>gi|1036830570|ref|XP_017138184.1| PREDICTED: phospholipid scramblase 2-like isoform X1 [Droso
>gi|1036830586|ref|XP_017138185.1| PREDICTED: phospholipid scramblase 2-like isoform X2 [Droso
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>gi|1036830605|ref|XP_017138186.1| PREDICTED: phospholipid scramblase 1-like isoform X3 [Droso
>gi|1036825593|ref|XP_017137894.1| PREDICTED: odorant receptor 67c [Drosophila miranda]
>gi|1036825554|ref|XP_017137891.1| PREDICTED: odorant receptor 67d isoform X1 [Drosophila mirated
>gi|1036825572|ref|XP_017137892.1| PREDICTED: odorant receptor 67d isoform X2 [Drosophila mirated
>gi|1036825633|ref|XP 017137896.1| PREDICTED: uncharacterized protein LOC108152818 isoform X2
>gi|1036825652|ref|XP_017137897.1| PREDICTED: uncharacterized protein LOC108152818 isoform X3
>gi|1036825614|ref|XP 017137895.1| PREDICTED: uncharacterized protein LOC108152818 isoform X1
>gi|1036851326|ref|XP_017139341.1| PREDICTED: protein ariadne-1 [Drosophila miranda]
>gi|1036759513|ref|XP_017156842.1| PREDICTED: uncharacterized protein LOC108165319 [Drosophila
>gi|1036759532|ref|XP_017156843.1| PREDICTED: uncharacterized protein LOC108165320 [Drosophila
>gi|1036776402|ref|XP_017135128.1| PREDICTED: probable ATP-dependent RNA helicase DDX20 [Droso
>gi|1036776855|ref|XP_017135156.1| PREDICTED: uncharacterized protein LOC108151197 [Drosophila
>gi|1036776838|ref|XP_017135155.1| PREDICTED: cytosol aminopeptidase [Drosophila miranda]
>gi|1036776687|ref|XP_017135145.1| PREDICTED: AF4/FMR2 family member 4 isoform X14 [Drosophila
>gi|1036776721|ref|XP_017135147.1| PREDICTED: homeotic protein female sterile isoform X16 [Drop
>gi|1036776637|ref|XP_017135142.1| PREDICTED: AF4/FMR2 family member 4 isoform X11 [Drosophila
>gi|1036776668|ref|XP_017135144.1| PREDICTED: AF4/FMR2 family member 4 isoform X13 [Drosophila
>gi|1036776421|ref|XP_017135129.1| PREDICTED: ecdysone-induced protein 74EF isoform X1 [Drosop
>gi|1036776551|ref|XP_017135136.1| PREDICTED: ecdysone-induced protein 74EF isoform X6 [Drosop
>gi|1036776532|ref|XP 017135135.1| PREDICTED: ecdysone-induced protein 74EF isoform X5 [Drosop
>gi|1036776588|ref|XP_017135138.1| PREDICTED: ecdysone-induced protein 74EF isoform X8 [Drosop
>gi|1036776651|ref|XP 017135143.1| PREDICTED: AF4/FMR2 family member 4 isoform X12 [Drosophila
>gi|1036776440|ref|XP_017135130.1| PREDICTED: ecdysone-induced protein 74EF isoform X2 [Drosop
>gi|1036776570|ref|XP_017135137.1| PREDICTED: ecdysone-induced protein 74EF isoform X7 [Drosop:
>gi|1036776607|ref|XP_017135139.1| PREDICTED: ecdysone-induced protein 74EF isoform X9 [Drosop
>gi|1036776623|ref|XP_017135140.1| PREDICTED: ecdysone-induced protein 74EF isoform X10 [Droso
>gi|1036776804|ref|XP_017135153.1| PREDICTED: ecdysone-induced protein 74EF isoform X19 [Droso
>gi|1036776821|ref|XP_017135154.1| PREDICTED: ecdysone-induced protein 74EF isoform X20 [Droso
>gi|1036776459|ref|XP_017135131.1| PREDICTED: ecdysone-induced protein 74EF isoform X3 [Drosop
>gi|1036776738|ref|XP_017135148.1| PREDICTED: homeotic protein female sterile isoform X17 [Drop
>gi|1036776755|ref|XP_017135149.1| PREDICTED: homeotic protein female sterile isoform X17 [Dros
>gi|1036776771|ref|XP_017135150.1| PREDICTED: homeotic protein female sterile isoform X17 [Drop
>gi|1036776787|ref|XP_017135151.1| PREDICTED: homeotic protein female sterile isoform X18 [Dros
>gi|1036776478|ref|XP_017135132.1| PREDICTED: ecdysone-induced protein 74EF isoform X4 [Drosop
>gi|1036776497|ref|XP 017135133.1| PREDICTED: ecdysone-induced protein 74EF isoform X4 [Drosop
>gi|1036776513|ref|XP_017135134.1| PREDICTED: ecdysone-induced protein 74EF isoform X4 [Drosop
>gi|1036776703|ref|XP 017135146.1| PREDICTED: ecdysone-induced protein 74EF isoform X15 [Droso
>gi|1036776872|ref|XP_017135158.1| PREDICTED: uncharacterized protein LOC108151198 [Drosophila
>gi|1036759551|ref|XP_017156844.1| PREDICTED: cytosolic non-specific dipeptidase-like [Drosoph
>gi|1036852379|ref|XP_017139407.1| PREDICTED: UNC93-like protein isoform X2 [Drosophila mirand
>gi|1036852360|ref|XP_017139406.1| PREDICTED: UNC93-like protein isoform X1 [Drosophila mirand
>gi|1036766939|ref|XP_017134603.1| PREDICTED: uncharacterized protein LOC108150809 isoform X2
>gi|1036766920|ref|XP 017134602.1| PREDICTED: uncharacterized protein LOC108150809 isoform X1
>gi|1036768649|ref|XP_017134693.1| PREDICTED: uncharacterized protein LOC108150894 [Drosophila
>gi|1036767484|ref|XP_017134632.1| PREDICTED: uncharacterized protein LOC108150836 [Drosophila
>gi|1036765364|ref|XP_017157166.1| PREDICTED: uncharacterized protein LOC108165603 isoform X1
>gi|1036765378|ref|XP_017157167.1| PREDICTED: uncharacterized protein LOC108165603 isoform X2
>gi|1036765393|ref|XP_017157168.1| PREDICTED: uncharacterized protein LOC108165603 isoform X3
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>gi|1036759570|ref|XP_017156845.1| PREDICTED: uncharacterized protein LOC108165322, partial [Di
>gi|1036782761|ref|XP_017135506.1| PREDICTED: chromosome transmission fidelity protein 8 homole
>gi|1036782691|ref|XP_017135502.1| PREDICTED: DNA excision repair protein haywire [Drosophila 1
>gi|1036782709|ref|XP_017135503.1| PREDICTED: histone-lysine N-methyltransferase E(z) [Drosoph
>gi|1036782779|ref|XP 017135508.1| PREDICTED: nuclear envelope phosphatase-regulatory subunit
>gi|1036782728|ref|XP_017135504.1| PREDICTED: protein FAM49B isoform X1 [Drosophila miranda]
>gi|1036782745|ref|XP 017135505.1| PREDICTED: protein FAM49B isoform X2 [Drosophila miranda]
>gi|1036804980|ref|XP_017136766.1| PREDICTED: ankyrin repeat and MYND domain-containing protein
>gi|1036804999|ref|XP 017136767.1| PREDICTED: 1,2-dihydroxy-3-keto-5-methylthiopentene dioxyge:
>gi|1036804942|ref|XP_017136764.1| PREDICTED: ras guanine nucleotide exchange factor P isoform
>gi|1036804961|ref|XP_017136765.1| PREDICTED: ras guanine nucleotide exchange factor P isoform
>gi|1036805034|ref|XP_017136769.1| PREDICTED: U4/U6 small nuclear ribonucleoprotein Prp4 [Dros
>gi|1036805013|ref|XP_017136768.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036805088|ref|XP_017136772.1| PREDICTED: uncharacterized protein LOC108152164 [Drosophila
>gi|1036759588|ref|XP_017156846.1| PREDICTED: uncharacterized protein LOC108165323 [Drosophila
>gi|1036805071|ref|XP_017136771.1| PREDICTED: uncharacterized protein LOC108152163 [Drosophila
>gi|1036805053|ref|XP_017136770.1| PREDICTED: cytochrome b-c1 complex subunit 8 [Drosophila mi
>gi|1036848950|ref|XP_017139200.1| PREDICTED: glycine receptor subunit alphaZ1 [Drosophila mire
>gi|1036847401|ref|XP_017139113.1| PREDICTED: MICOS complex subunit MIC13 homolog QIL1 [Drosop
>gi|1036795780|ref|XP 017136248.1| PREDICTED: uncharacterized protein LOC108151867 isoform X2
>gi|1036795727|ref|XP_017136245.1| PREDICTED: uncharacterized protein LOC108151867 isoform X1
>gi|1036795745|ref|XP 017136246.1| PREDICTED: uncharacterized protein LOC108151867 isoform X1
>gi|1036795763|ref|XP_017136247.1| PREDICTED: uncharacterized protein LOC108151867 isoform X1
>gi|1036795799|ref|XP_017136249.1| PREDICTED: RNA polymerase II degradation factor 1 [Drosophi
>gi|1036795817|ref|XP_017136250.1| PREDICTED: uncharacterized protein LOC108151870 [Drosophila
>gi|1036795836|ref|XP_017136251.1| PREDICTED: UDP-sugar transporter UST74c [Drosophila miranda]
>gi|1036795874|ref|XP_017136254.1| PREDICTED: ubiquinone biosynthesis protein COQ4 homolog, mi
>gi|1036795893|ref|XP_017136255.1| PREDICTED: ubiquinone biosynthesis protein COQ4 homolog, mi
>gi|1036795912|ref|XP_017136256.1| PREDICTED: ubiquinone biosynthesis protein COQ4 homolog, mi
>gi|1036795855|ref|XP_017136252.1| PREDICTED: RAB6-interacting golgin [Drosophila miranda]
>gi|1036769992|ref|XP_017134770.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC7 [Drawn of the content of the conten
>gi|1036770030|ref|XP_017134772.1| PREDICTED: uncharacterized protein LOC108150950 isoform X1
>gi|1036770047|ref|XP_017134773.1| PREDICTED: uncharacterized protein LOC108150950 isoform X2
>gi|1036769895|ref|XP_017134765.1| PREDICTED: exocyst complex component 1 [Drosophila miranda]
>gi|1036769857|ref|XP 017134762.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036769876|ref|XP_017134764.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036769916|ref|XP 017134766.1| PREDICTED: LOW QUALITY PROTEIN: proline-rich extensin-like
>gi|1036759606|ref|XP_017156847.1| PREDICTED: uncharacterized protein LOC108165324 [Drosophila
>gi|1036769741|ref|XP_017134756.1| PREDICTED: cadherin-87A [Drosophila miranda]
>gi|1036769760|ref|XP_017134757.1| PREDICTED: cadherin-87A [Drosophila miranda]
>gi|1036769954|ref|XP_017134768.1| PREDICTED: basic helix-loop-helix neural transcription fact
>gi|1036769799|ref|XP_017134759.1| PREDICTED: uncharacterized protein LOC108150939 isoform X2
>gi|1036769779|ref|XP 017134758.1| PREDICTED: uncharacterized protein LOC108150939 isoform X1
>gi|1036769818|ref|XP_017134760.1| PREDICTED: uncharacterized protein LOC108150939 isoform X3
>gi|1036769837|ref|XP_017134761.1| PREDICTED: uncharacterized protein LOC108150939 isoform X4
>gi|1036770011|ref|XP_017134771.1| PREDICTED: allatostatins MIP [Drosophila miranda]
>gi|1036759625|ref|XP_017156848.1| PREDICTED: polycystic kidney disease 2-like 2 protein [Dros
>gi|1036759642|ref|XP_017156849.1| PREDICTED: uncharacterized protein LOC108165327 [Drosophila
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>gi|1036769935|ref|XP_017134767.1| PREDICTED: transmembrane protein 209 [Drosophila miranda]
>gi|1036769973|ref|XP_017134769.1| PREDICTED: odorant receptor 74a [Drosophila miranda]
>gi|1036759658|ref|XP_017156850.1| PREDICTED: uncharacterized protein LOC108165328 [Drosophila
>gi|1036766761|ref|XP_017134592.1| PREDICTED: NADH-quinone oxidoreductase subunit E [Drosophile
>gi|1036766443|ref|XP 017134575.1| PREDICTED: uncharacterized protein LOC108150785 [Drosophila
>gi|1036832514|ref|XP_017138291.1| PREDICTED: UPF0687 protein C20orf27 homolog [Drosophila mire
>gi|1036792425|ref|XP 017136059.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792504|ref|XP_017136064.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792388|ref|XP_017136057.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792406|ref|XP_017136058.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792484|ref|XP_017136063.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792582|ref|XP_017136068.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792627|ref|XP_017136071.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792465|ref|XP_017136062.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792616|ref|XP_017136070.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792563|ref|XP_017136067.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792662|ref|XP_017136073.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792601|ref|XP_017136069.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792444|ref|XP_017136060.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792523|ref|XP_017136065.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792542|ref|XP_017136066.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792682|ref|XP_017136074.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792646|ref|XP_017136072.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036818174|ref|XP_017137491.1| PREDICTED: tetratricopeptide repeat protein 28 [Drosophila 1
>gi|1036818193|ref|XP_017137492.1| PREDICTED: tetratricopeptide repeat protein 28 [Drosophila 1
>gi|1036818212|ref|XP_017137493.1| PREDICTED: tetratricopeptide repeat protein 28 [Drosophila 1
>gi|1036818231|ref|XP_017137494.1| PREDICTED: tetratricopeptide repeat protein 28 [Drosophila 1
>gi|1036773858|ref|XP_017134991.1| PREDICTED: zinc finger CCCH domain-containing protein 3 [Dr
>gi|1036773747|ref|XP_017134984.1| PREDICTED: pseudouridylate synthase 7 homolog [Drosophila m
>gi|1036773982|ref|XP_017134998.1| PREDICTED: uncharacterized protein LOC108151109 [Drosophila
>gi|1036773802|ref|XP_017134987.1| PREDICTED: protein glass [Drosophila miranda]
>gi|1036773821|ref|XP_017134988.1| PREDICTED: protein glass [Drosophila miranda]
>gi|1036773839|ref|XP_017134989.1| PREDICTED: protein glass [Drosophila miranda]
>gi|1036773963|ref|XP_017134997.1| PREDICTED: pyrimidodiazepine synthase [Drosophila miranda]
>gi|1036773875|ref|XP 017134992.1| PREDICTED: pyrimidodiazepine synthase [Drosophila miranda]
>gi|1036773946|ref|XP_017134996.1| PREDICTED: pyrimidodiazepine synthase isoform X2 [Drosophile
>gi|1036773928|ref|XP_017134995.1| PREDICTED: pyrimidodiazepine synthase isoform X1 [Drosophile
>gi|1036773894|ref|XP_017134993.1| PREDICTED: pyrimidodiazepine synthase isoform X1 [Drosophile
>gi|1036773909|ref|XP_017134994.1| PREDICTED: pyrimidodiazepine synthase isoform X2 [Drosophile
>gi|1036773766|ref|XP_017134985.1| PREDICTED: zinc transporter foi [Drosophila miranda]
>gi|1036773785|ref|XP_017134986.1| PREDICTED: zinc transporter foi [Drosophila miranda]
>gi|1036790045|ref|XP_017135925.1| PREDICTED: zinc finger protein 345 [Drosophila miranda]
>gi|1036790011|ref|XP_017135923.1| PREDICTED: E3 ubiquitin-protein ligase SHPRH isoform X2 [Dref|XP_017135923.1]
>gi|1036790027|ref|XP_017135924.1| PREDICTED: zinc finger protein 91 [Drosophila miranda]
>gi|1036801261|ref|XP_017136558.1| PREDICTED: serine/threonine-protein phosphatase 6 regulator
>gi|1036801280|ref|XP_017136559.1| PREDICTED: serine/threonine-protein phosphatase 6 regulator
>gi|1036801301|ref|XP_017136560.1| PREDICTED: serine/threonine-protein phosphatase 6 regulator
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>gi|1036764770|ref|XP_017157135.1| PREDICTED: Krueppel-like factor 7 [Drosophila miranda]
>gi|1036764787|ref|XP_017157136.1| PREDICTED: pupal cuticle protein 20 [Drosophila miranda]
>gi|1036768630|ref|XP_017134692.1| PREDICTED: uncharacterized protein LOC108150893 [Drosophila
>gi|1036768004|ref|XP_017134658.1| PREDICTED: uncharacterized protein LOC108150866 [Drosophila
>gi|1036765832|ref|XP 017134542.1| PREDICTED: endocuticle structural protein SgAbd-6 [Drosophi
>gi|1036765852|ref|XP_017134543.1| PREDICTED: endocuticle structural glycoprotein ABD-5 [Droso
>gi|1036767559|ref|XP 017134636.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036764187|ref|XP_017157105.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036764205|ref|XP_017157106.1| PREDICTED: larval cuticle protein 5-like [Drosophila mirand
>gi|1036766577|ref|XP_017134583.1| PREDICTED: larval cuticle protein 8 [Drosophila miranda]
>gi|1036767795|ref|XP_017134645.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036766175|ref|XP_017134562.1| PREDICTED: endocuticle structural protein SgAbd-6 [Drosophi
>gi|1036767353|ref|XP_017134625.1| PREDICTED: endocuticle structural protein SgAbd-6 [Drosophi
>gi|1036766902|ref|XP_017134601.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036766777|ref|XP_017134593.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036766721|ref|XP_017134590.1| PREDICTED: endocuticle structural protein SgAbd-6 [Drosophi
>gi|1036764353|ref|XP_017157115.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036764373|ref|XP_017157116.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036849855|ref|XP_017139255.1| PREDICTED: protein lethal(3)malignant blood neoplasm 1 [Dros
>gi|1036849193|ref|XP 017139214.1| PREDICTED: DNA-binding protein D-ETS-3 isoform X1 [Drosophi
>gi|1036849211|ref|XP_017139215.1| PREDICTED: DNA-binding protein D-ETS-3 isoform X2 [Drosophi
>gi|1036759675|ref|XP 017156852.1| PREDICTED: DNA-binding protein D-ETS-3-like [Drosophila mire
>gi|1036842968|ref|XP_017138877.1| PREDICTED: transmembrane emp24 domain-containing protein B
>gi|1036797790|ref|XP 017136360.1| PREDICTED: aldose 1-epimerase [Drosophila miranda]
>gi|1036797810|ref|XP_017136361.1| PREDICTED: brachyurin [Drosophila miranda]
>gi|1036797677|ref|XP_017136354.1| PREDICTED: protein SCAI isoform X4 [Drosophila miranda]
>gi|1036797644|ref|XP_017136352.1| PREDICTED: protein SCAI isoform X2 [Drosophila miranda]
>gi|1036797661|ref|XP_017136353.1| PREDICTED: protein SCAI isoform X3 [Drosophila miranda]
>gi|1036797613|ref|XP_017136350.1| PREDICTED: protein SCAI isoform X1 [Drosophila miranda]
>gi|1036797628|ref|XP_017136351.1| PREDICTED: protein SCAI isoform X1 [Drosophila miranda]
>gi|1036797576|ref|XP_017136348.1| PREDICTED: uncharacterized protein LOC108151934 [Drosophila
>gi|1036797595|ref|XP_017136349.1| PREDICTED: uncharacterized protein LOC108151934 [Drosophila
>gi|1036797826|ref|XP_017136362.1| PREDICTED: U6 snRNA-associated Sm-like protein LSm5 [Drosop
>gi|1036797710|ref|XP_017136357.1| PREDICTED: T-cell activation inhibitor, mitochondrial isofo
>gi|1036797694|ref|XP 017136356.1| PREDICTED: T-cell activation inhibitor, mitochondrial isofo
>gi|1036797752|ref|XP_017136358.1| PREDICTED: T-cell activation inhibitor, mitochondrial isofo
>gi|1036797771|ref|XP 017136359.1| PREDICTED: uncharacterized protein LOC108151939 [Drosophila
>gi|1036815454|ref|XP_017137337.1| PREDICTED: organic cation transporter protein isoform X1 [Di
>gi|1036815473|ref|XP_017137338.1| PREDICTED: organic cation transporter protein isoform X2 [Di
>gi|1036815503|ref|XP_017137339.1| PREDICTED: organic cation transporter protein isoform X3 [Di
>gi|1036815567|ref|XP_017137342.1| PREDICTED: brachyurin-like [Drosophila miranda]
>gi|1036759695|ref|XP_017156853.1| PREDICTED: LOW QUALITY PROTEIN: brachyurin-like [Drosophila
>gi|1036815525|ref|XP 017137340.1| PREDICTED: transmembrane protease serine 12 [Drosophila mire
>gi|1036815548|ref|XP_017137341.1| PREDICTED: protein tantalus [Drosophila miranda]
>gi|1036815646|ref|XP_017137347.1| PREDICTED: serine proteases 1/2 [Drosophila miranda]
>gi|1036815628|ref|XP_017137346.1| PREDICTED: serine proteases 1/2 [Drosophila miranda]
>gi|1036815605|ref|XP_017137345.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036815588|ref|XP_017137344.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
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>gi|1036759714|ref|XP_017156854.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036850286|ref|XP_017139280.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036759732|ref|XP 017156855.1| PREDICTED: brachyurin [Drosophila miranda]
>gi|1036846510|ref|XP_017139062.1| PREDICTED: tensin-1 isoform X2 [Drosophila miranda]
>gi|1036846472|ref|XP 017139060.1| PREDICTED: protein sprint isoform X1 [Drosophila miranda]
>gi|1036846491|ref|XP_017139061.1| PREDICTED: protein sprint isoform X1 [Drosophila miranda]
>gi|1036846529|ref|XP 017139063.1| PREDICTED: serine protease 3-like [Drosophila miranda]
>gi|1036846548|ref|XP_017139064.1| PREDICTED: serine protease 3-like [Drosophila miranda]
>gi|1036846567|ref|XP_017139065.1| PREDICTED: serine protease 3-like [Drosophila miranda]
>gi|1036828928|ref|XP_017138088.1| PREDICTED: tensin-4 isoform X1 [Drosophila miranda]
>gi|1036828947|ref|XP_017138089.1| PREDICTED: uncharacterized protein LOC108152920 isoform X2
>gi|1036833857|ref|XP_017138359.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036833874|ref|XP_017138360.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036836748|ref|XP_017138527.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036836765|ref|XP_017138529.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036836838|ref|XP_017138533.1| PREDICTED: peptidoglycan-recognition protein LD isoform X4
>gi|1036836819|ref|XP_017138532.1| PREDICTED: peptidoglycan-recognition protein LD isoform X3
>gi|1036836801|ref|XP_017138531.1| PREDICTED: peptidoglycan-recognition protein LD isoform X2
>gi|1036836783|ref|XP_017138530.1| PREDICTED: peptidoglycan-recognition protein LD isoform X1
>gi|1036836857|ref|XP_017138534.1| PREDICTED: peptidoglycan-recognition protein LD isoform X5
>gi|1036836878|ref|XP_017138535.1| PREDICTED: transmembrane protein 11 homolog, mitochondrial
>gi|1036836897|ref|XP 017138536.1| PREDICTED: transmembrane protein 11 homolog, mitochondrial
>gi|1036837237|ref|XP_017138556.1| PREDICTED: membrane-associated tyrosine- and threonine-spec
>gi|1036837256|ref|XP_017138557.1| PREDICTED: membrane-associated tyrosine- and threonine-spec
>gi|1036803499|ref|XP_017136683.1| PREDICTED: nucleolar protein 12 [Drosophila miranda]
>gi|1036803442|ref|XP_017136680.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 36 isoform
>gi|1036803460|ref|XP_017136681.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 36 isoform
>gi|1036817291|ref|XP_017137441.1| PREDICTED: bifunctional coenzyme A synthase [Drosophila mire
>gi|1036817329|ref|XP_017137443.1| PREDICTED: thioredoxin-like protein 1 [Drosophila miranda]
>gi|1036817310|ref|XP_017137442.1| PREDICTED: proliferation-associated protein 2G4 [Drosophila
>gi|1036805557|ref|XP_017136799.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 64E [Droso
>gi|1036805576|ref|XP_017136800.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 64E [Droso
>gi|1036805595|ref|XP 017136801.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 64E [Droso
>gi|1036844482|ref|XP_017138961.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036844499|ref|XP 017138962.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036829057|ref|XP 017138096.1| PREDICTED: R3H and coiled-coil domain-containing protein 1
>gi|1036829074|ref|XP 017138097.1| PREDICTED: R3H and coiled-coil domain-containing protein 1
>gi|1036826962|ref|XP_017137975.1| PREDICTED: peroxiredoxin-2 [Drosophila miranda]
>gi|1036826981|ref|XP_017137976.1| PREDICTED: peroxiredoxin-2 [Drosophila miranda]
>gi|1036827000|ref|XP_017137977.1| PREDICTED: peroxiredoxin-2 [Drosophila miranda]
>gi|1036826923|ref|XP_017137973.1| PREDICTED: phospholipid scramblase 1 isoform X1 [Drosophila
>gi|1036826941|ref|XP_017137974.1| PREDICTED: phospholipid scramblase 2 isoform X2 [Drosophila
>gi|1036839630|ref|XP_017138696.1| PREDICTED: ankyrin repeat domain-containing protein 54 [Dros
>gi|1036827038|ref|XP_017137979.1| PREDICTED: 85/88 kDa calcium-independent phospholipase A2 i
>gi|1036827019|ref|XP_017137978.1| PREDICTED: 85/88 kDa calcium-independent phospholipase A2 i
>gi|1036808148|ref|XP_017136940.1| PREDICTED: protein phosphatase inhibitor 2 isoform X1 [Dros
>gi|1036808167|ref|XP_017136941.1| PREDICTED: protein phosphatase inhibitor 2 isoform X2 [Dros
>gi|1036808075|ref|XP_017136936.1| PREDICTED: mediator of RNA polymerase II transcription subu
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>gi|1036808020|ref|XP_017136933.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036808039|ref|XP_017136934.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036808001|ref|XP_017136932.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036808111|ref|XP_017136938.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036808056|ref|XP 017136935.1| PREDICTED: putative uncharacterized protein DDB G0271606 is
>gi|1036808092|ref|XP_017136937.1| PREDICTED: uncharacterized protein LOC108152243 isoform X6
>gi|1036808271|ref|XP 017136947.1| PREDICTED: probable insulin-like peptide 5 [Drosophila mirate
>gi|1036808130|ref|XP_017136939.1| PREDICTED: acid sphingomyelinase-like phosphodiesterase 3b
>gi|1036808220|ref|XP_017136944.1| PREDICTED: probable insulin-like peptide 4 isoform X1 [Dros
>gi|1036808236|ref|XP_017136945.1| PREDICTED: probable insulin-like peptide 4 isoform X2 [Dros
>gi|1036808253|ref|XP_017136946.1| PREDICTED: probable insulin-like peptide 4 isoform X3 [Dros
>gi|1036808290|ref|XP_017136948.1| PREDICTED: probable insulin-like peptide 3 [Drosophila mirate
>gi|1036808202|ref|XP_017136943.1| PREDICTED: probable insulin-like peptide 2 [Drosophila mirate
>gi|1036808184|ref|XP_017136942.1| PREDICTED: probable insulin-like peptide 1 [Drosophila mirate
>gi|1036807925|ref|XP_017136927.1| PREDICTED: synaptopodin 2-like protein isoform X1 [Drosophi
>gi|1036807944|ref|XP_017136929.1| PREDICTED: synaptopodin 2-like protein isoform X2 [Drosophi
>gi|1036807963|ref|XP_017136930.1| PREDICTED: synaptopodin 2-like protein isoform X3 [Drosophi
>gi|1036807981|ref|XP_017136931.1| PREDICTED: synaptopodin 2-like protein isoform X4 [Drosophi
>gi|1036822438|ref|XP_017137720.1| PREDICTED: anion exchange protein 3 isoform X2 [Drosophila is
>gi|1036822402|ref|XP 017137718.1| PREDICTED: anion exchange protein 2 isoform X1 [Drosophila 1
>gi|1036822419|ref|XP_017137719.1| PREDICTED: anion exchange protein 2 isoform X1 [Drosophila in
>gi|1036820285|ref|XP_017137608.1| PREDICTED: homeobox protein prospero isoform X1 [Drosophila
>gi|1036820302|ref|XP_017137609.1| PREDICTED: homeobox protein prospero isoform X2 [Drosophila
>gi|1036820318|ref|XP_017137610.1| PREDICTED: homeobox protein prospero isoform X3 [Drosophila
>gi|1036820335|ref|XP_017137611.1| PREDICTED: homeobox protein prospero isoform X4 [Drosophila
>gi|1036820388|ref|XP_017137614.1| PREDICTED: homeobox protein prospero isoform X7 [Drosophila
>gi|1036820405|ref|XP_017137615.1| PREDICTED: homeobox protein prospero isoform X8 [Drosophila
>gi|1036820424|ref|XP_017137616.1| PREDICTED: homeobox protein prospero isoform X9 [Drosophila
>gi|1036820353|ref|XP_017137612.1| PREDICTED: homeobox protein prospero isoform X5 [Drosophila
>gi|1036820463|ref|XP_017137619.1| PREDICTED: homeobox protein prospero isoform X11 [Drosophile
>gi|1036820369|ref|XP_017137613.1| PREDICTED: homeobox protein prospero isoform X6 [Drosophila
>gi|1036820443|ref|XP_017137617.1| PREDICTED: homeobox protein prospero isoform X10 [Drosophile
>gi|1036820482|ref|XP_017137620.1| PREDICTED: insulin-like growth factor-binding protein comple
>gi|1036820499|ref|XP_017137621.1| PREDICTED: ATP synthase subunit b, mitochondrial [Drosophile
>gi|1036837200|ref|XP 017138554.1| PREDICTED: N-alpha-acetyltransferase 60 isoform X2 [Drosoph
>gi|1036837164|ref|XP_017138552.1| PREDICTED: N-alpha-acetyltransferase 60 isoform X1 [Drosoph
>gi|1036837182|ref|XP_017138553.1| PREDICTED: N-alpha-acetyltransferase 60 isoform X1 [Drosoph
>gi|1036759752|ref|XP_017156856.1| PREDICTED: integrator complex subunit 7 [Drosophila miranda]
>gi|1036817195|ref|XP_017137435.1| PREDICTED: nibrin [Drosophila miranda]
>gi|1036817252|ref|XP_017137438.1| PREDICTED: uncharacterized protein LOC108152539 [Drosophila
>gi|1036817270|ref|XP_017137439.1| PREDICTED: adrenodoxin [Drosophila miranda]
>gi|1036817214|ref|XP_017137436.1| PREDICTED: uncharacterized protein LOC108152538 isoform X1
>gi|1036817233|ref|XP 017137437.1| PREDICTED: uncharacterized protein LOC108152538 isoform X2
>gi|1036793701|ref|XP_017136128.1| PREDICTED: claspin [Drosophila miranda]
>gi|1036793757|ref|XP_017136131.1| PREDICTED: peroxisomal membrane protein PMP34 [Drosophila m
>gi|1036793739|ref|XP_017136130.1| PREDICTED: THUMP domain-containing protein 1 homolog [Droso
>gi|1036793720|ref|XP_017136129.1| PREDICTED: lysine-specific demethylase 8 [Drosophila mirand
>gi|1036793773|ref|XP_017136133.1| PREDICTED: B-cell receptor-associated protein 31 [Drosophile
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>gi|1036793795|ref|XP_017136134.1| PREDICTED: B-cell receptor-associated protein 31 [Drosophile
>gi|1036793812|ref|XP_017136135.1| PREDICTED: protein DPCD [Drosophila miranda]
>gi|1036793868|ref|XP_017136136.1| PREDICTED: uncharacterized protein LOC108151797 [Drosophila
>gi|1036842984|ref|XP_017138878.1| PREDICTED: UPF0415 protein C7orf25 homolog [Drosophila mirated]
>gi|1036834602|ref|XP 017138400.1| PREDICTED: uncharacterized protein LOC108153123 [Drosophila
>gi|1036834585|ref|XP_017138399.1| PREDICTED: dimethyladenosine transferase 1, mitochondrial [
>gi|1036834621|ref|XP 017138402.1| PREDICTED: cytochrome c oxidase assembly factor 3, mitochon
>gi|1036816225|ref|XP_017137379.1| PREDICTED: F-box only protein 32 [Drosophila miranda]
>gi|1036816244|ref|XP_017137381.1| PREDICTED: F-box only protein 32 [Drosophila miranda]
>gi|1036816263|ref|XP_017137382.1| PREDICTED: F-box only protein 32 [Drosophila miranda]
>gi|1036816282|ref|XP_017137383.1| PREDICTED: F-box only protein 32 [Drosophila miranda]
>gi|1036816152|ref|XP_017137375.1| PREDICTED: dynein intermediate chain 3, ciliary [Drosophila
>gi|1036816171|ref|XP_017137376.1| PREDICTED: diphthamide biosynthesis protein 1 [Drosophila m
>gi|1036816188|ref|XP_017137377.1| PREDICTED: diphthamide biosynthesis protein 1 [Drosophila m
>gi|1036816206|ref|XP_017137378.1| PREDICTED: diphthamide biosynthesis protein 1 [Drosophila m
>gi|1036801688|ref|XP_017136583.1| PREDICTED: uncharacterized protein LOC108152071 [Drosophila
>gi|1036801706|ref|XP_017136584.1| PREDICTED: uncharacterized protein LOC108152071 [Drosophila
>gi|1036801724|ref|XP_017136585.1| PREDICTED: biogenesis of lysosome-related organelles complete
>gi|1036801653|ref|XP_017136581.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801634|ref|XP 017136580.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801672|ref|XP_017136582.1| PREDICTED: general transcription factor IIE subunit 1 [Dros
>gi|1036839157|ref|XP_017138675.1| PREDICTED: F-box/LRR-repeat protein 16 isoform X1 [Drosophi
>gi|1036839176|ref|XP_017138676.1| PREDICTED: F-box/LRR-repeat protein 16 isoform X2 [Drosophi
>gi|1036839194|ref|XP_017138677.1| PREDICTED: uncharacterized protein LOC108153298 [Drosophila
>gi|1036816592|ref|XP_017137401.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC8 [Dr
>gi|1036816573|ref|XP_017137400.1| PREDICTED: serine/threonine-protein kinase RIO1 [Drosophila
>gi|1036816534|ref|XP_017137397.1| PREDICTED: ATP-binding cassette sub-family G member 1 isofo
>gi|1036816553|ref|XP_017137399.1| PREDICTED: ATP-binding cassette sub-family G member 1 isofo
>gi|1036833084|ref|XP_017138324.1| PREDICTED: acyl-protein thioesterase 1 isoform X1 [Drosophi
>gi|1036833102|ref|XP_017138325.1| PREDICTED: acyl-protein thioesterase 1 isoform X1 [Drosophi
>gi|1036833121|ref|XP_017138326.1| PREDICTED: acyl-protein thioesterase 1 isoform X1 [Drosophi
>gi|1036833138|ref|XP_017138328.1| PREDICTED: acyl-protein thioesterase 1 isoform X1 [Drosophi
>gi|1036833156|ref|XP_017138329.1| PREDICTED: acyl-protein thioesterase 1 isoform X1 [Drosophi
>gi|1036833229|ref|XP_017138333.1| PREDICTED: acyl-protein thioesterase 1 isoform X3 [Drosophi
>gi|1036833174|ref|XP 017138330.1| PREDICTED: acyl-protein thioesterase 1 isoform X2 [Drosophi
>gi|1036833193|ref|XP_017138331.1| PREDICTED: acyl-protein thioesterase 1 isoform X2 [Drosophi
>gi|1036833212|ref|XP 017138332.1| PREDICTED: acyl-protein thioesterase 1 isoform X2 [Drosophi
>gi|1036838610|ref|XP_017138643.1| PREDICTED: PCI domain-containing protein 2 homolog [Drosoph
>gi|1036848678|ref|XP_017139184.1| PREDICTED: uncharacterized protein LOC108153603 isoform X2
>gi|1036848659|ref|XP_017139183.1| PREDICTED: uncharacterized protein LOC108153603 isoform X1
>gi|1036848640|ref|XP_017139182.1| PREDICTED: alcohol dehydrogenase [NADP(+)] [Drosophila mirated
>gi|1036842273|ref|XP_017138839.1| PREDICTED: aldose reductase isoform X1 [Drosophila miranda]
>gi|1036842328|ref|XP 017138840.1| PREDICTED: aldose reductase isoform X2 [Drosophila miranda]
>gi|1036849429|ref|XP_017139229.1| PREDICTED: putative protein TPRXL [Drosophila miranda]
>gi|1036849413|ref|XP_017139227.1| PREDICTED: uncharacterized serine-rich protein C215.13-like
>gi|1036830884|ref|XP_017138202.1| PREDICTED: uncharacterized protein LOC108152986 isoform X1
>gi|1036830922|ref|XP_017138204.1| PREDICTED: uncharacterized protein LOC108152986 isoform X3
>gi|1036830903|ref|XP_017138203.1| PREDICTED: uncharacterized protein LOC108152986 isoform X2
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>gi|1036830943|ref|XP_017138205.1| PREDICTED: uncharacterized protein LOC108152986 isoform X4
>gi|1036823934|ref|XP_017137805.1| PREDICTED: zinc finger protein sens [Drosophila miranda]
>gi|1036823953|ref|XP_017137806.1| PREDICTED: zinc finger protein sens [Drosophila miranda]
>gi|1036823971|ref|XP_017137807.1| PREDICTED: zinc finger protein sens [Drosophila miranda]
>gi|1036824063|ref|XP 017137813.1| PREDICTED: uncharacterized protein LOC108152760 [Drosophila
>gi|1036824046|ref|XP_017137812.1| PREDICTED: protein new-glue 3-like [Drosophila miranda]
>gi|1036823897|ref|XP 017137803.1| PREDICTED: protein O-mannosyltransferase 1 [Drosophila mirat
>gi|1036823916|ref|XP_017137804.1| PREDICTED: protein O-mannosyltransferase 1 [Drosophila mirates
>gi|1036823990|ref|XP_017137809.1| PREDICTED: uncharacterized protein LOC108152757 [Drosophila
>gi|1036824029|ref|XP_017137811.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036824010|ref|XP_017137810.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036799366|ref|XP_017136450.1| PREDICTED: MOB kinase activator-like 2 isoform X4 [Drosophi
>gi|1036799328|ref|XP_017136448.1| PREDICTED: MOB kinase activator-like 2 isoform X2 [Drosophi
>gi|1036799309|ref|XP_017136447.1| PREDICTED: MOB kinase activator-like 2 isoform X1 [Drosophi
>gi|1036799422|ref|XP_017136453.1| PREDICTED: salivary glue protein Sgs-3-like [Drosophila mire
>gi|1036799347|ref|XP_017136449.1| PREDICTED: MOB kinase activator-like 2 isoform X3 [Drosophi
>gi|1036799385|ref|XP_017136451.1| PREDICTED: putative alpha-L-fucosidase [Drosophila miranda]
>gi|1036799404|ref|XP_017136452.1| PREDICTED: salivary glue protein Sgs-3-like [Drosophila mire
>gi|1036759771|ref|XP_017156857.1| PREDICTED: uncharacterized protein LOC108165334 [Drosophila
>gi|1036799441|ref|XP 017136454.1| PREDICTED: salivary glue protein Sgs-3-like [Drosophila mire
>gi|1036806637|ref|XP_017136857.1| PREDICTED: protein charybde isoform X2 [Drosophila miranda]
>gi|1036806619|ref|XP 017136856.1| PREDICTED: protein charybde isoform X1 [Drosophila miranda]
>gi|1036847028|ref|XP_017139091.1| PREDICTED: uncharacterized protein LOC108153537 isoform X2
>gi|1036847009|ref|XP_017139090.1| PREDICTED: uncharacterized protein LOC108153537 isoform X1
>gi|1036759788|ref|XP_017156858.1| PREDICTED: ketohexokinase [Drosophila miranda]
>gi|1036850578|ref|XP_017139297.1| PREDICTED: ketohexokinase [Drosophila miranda]
>gi|1036806526|ref|XP_017136850.1| PREDICTED: uncharacterized protein LOC108152202 [Drosophila
>gi|1036806582|ref|XP_017136853.1| PREDICTED: androgen-induced gene 1 protein [Drosophila mirated]
>gi|1036806489|ref|XP_017136848.1| PREDICTED: methylenetetrahydrofolate reductase 1 [Drosophile
>gi|1036806601|ref|XP_017136855.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036806545|ref|XP_017136851.1| PREDICTED: eukaryotic translation initiation factor 4H [Dros
>gi|1036806471|ref|XP_017136847.1| PREDICTED: YLP motif-containing protein 1 [Drosophila miran-
>gi|1036806563|ref|XP 017136852.1| PREDICTED: uncharacterized protein LOC108152205 [Drosophila
>gi|1036806507|ref|XP_017136849.1| PREDICTED: glutaminyl-peptide cyclotransferase-like protein
>gi|1036759807|ref|XP 017156859.1| PREDICTED: CAAX prenyl protease 1 homolog [Drosophila miran
>gi|1036840850|ref|XP_017138764.1| PREDICTED: AF4/FMR2 family member 4 [Drosophila miranda]
>gi|1036848257|ref|XP 017139160.1| PREDICTED: gamma-tubulin complex component 2 homolog isoform
>gi|1036848238|ref|XP_017139159.1| PREDICTED: gamma-tubulin complex component 2 homolog isoform
>gi|1036833947|ref|XP_017138364.1| PREDICTED: protein scylla [Drosophila miranda]
>gi|1036814350|ref|XP_017137274.1| PREDICTED: uncharacterized protein LOC108152442 isoform X1
>gi|1036814369|ref|XP_017137277.1| PREDICTED: uncharacterized protein LOC108152442 isoform X2
>gi|1036814213|ref|XP_017137267.1| PREDICTED: uncharacterized protein LOC108152440 isoform X1
>gi|1036814232|ref|XP_017137268.1| PREDICTED: uncharacterized protein LOC108152440 isoform X1
>gi|1036814253|ref|XP_017137269.1| PREDICTED: uncharacterized protein LOC108152440 isoform X1
>gi|1036814272|ref|XP_017137270.1| PREDICTED: uncharacterized protein LOC108152440 isoform X1
>gi|1036814291|ref|XP_017137271.1| PREDICTED: uncharacterized protein LOC108152440 isoform X1
>gi|1036814329|ref|XP_017137273.1| PREDICTED: uncharacterized protein LOC108152440 isoform X3
>gi|1036814310|ref|XP_017137272.1| PREDICTED: uncharacterized protein LOC108152440 isoform X2
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>gi|1036810546|ref|XP_017137070.1| PREDICTED: protein FAM91A1 [Drosophila miranda]
>gi|1036810491|ref|XP_017137067.1| PREDICTED: ubiquitin-protein ligase E3A isoform X1 [Drosoph
>gi|1036810509|ref|XP_017137068.1| PREDICTED: ubiquitin-protein ligase E3A isoform X2 [Drosoph
>gi|1036810528|ref|XP_017137069.1| PREDICTED: ubiquitin-protein ligase E3A isoform X3 [Drosoph
>gi|1036825126|ref|XP 017137872.1| PREDICTED: procollagen-lysine,2-oxoglutarate 5-dioxygenase
>gi|1036825144|ref|XP_017137873.1| PREDICTED: immunoglobulin domain-containing protein oig-1 [
>gi|1036825164|ref|XP_017137874.1| PREDICTED: immunoglobulin domain-containing protein oig-1 [
>gi|1036824867|ref|XP_017137858.1| PREDICTED: galactosylgalactosylxylosylprotein 3-beta-glucur
>gi|1036824904|ref|XP_017137859.1| PREDICTED: galactosylgalactosylxylosylprotein 3-beta-glucur
>gi|1036767759|ref|XP_017134644.1| PREDICTED: protein FAM188B2 [Drosophila miranda]
>gi|1036793284|ref|XP_017136107.1| PREDICTED: uncharacterized aarF domain-containing protein k
>gi|1036793339|ref|XP 017136109.1| PREDICTED: uncharacterized protein LOC108151775 [Drosophila
>gi|1036793265|ref|XP_017136106.1| PREDICTED: protein wntless [Drosophila miranda]
>gi|1036793305|ref|XP_017136108.1| PREDICTED: putative Dol-P-Glc:Glc(2)Man(9)GlcNAc(2)-PP-Dol
>gi|1036793246|ref|XP_017136105.1| PREDICTED: brain-specific angiogenesis inhibitor 1-associate
>gi|1036793210|ref|XP 017136104.1| PREDICTED: putative uncharacterized protein DDB G0277255 is
>gi|1036793358|ref|XP_017136110.1| PREDICTED: uncharacterized protein LOC108151776 [Drosophila
>gi|1036823224|ref|XP 017137766.1| PREDICTED: sodium-dependent phosphate transporter 1-B [Drose
>gi|1036823243|ref|XP_017137767.1| PREDICTED: sodium-dependent phosphate transporter 1-B [Dros
>gi|1036843637|ref|XP 017138916.1| PREDICTED: uncharacterized protein LOC108153424 [Drosophila
>gi|1036813914|ref|XP_017137250.1| PREDICTED: forkhead box protein K2 isoform X2 [Drosophila m
>gi|1036813876|ref|XP 017137247.1| PREDICTED: forkhead box protein K2 isoform X1 [Drosophila m
>gi|1036813894|ref|XP_017137248.1| PREDICTED: forkhead box protein K2 isoform X1 [Drosophila m
>gi|1036813932|ref|XP_017137251.1| PREDICTED: 39S ribosomal protein L2, mitochondrial [Drosoph
>gi|1036813950|ref|XP_017137252.1| PREDICTED: ubiquitin fusion degradation protein 1 homolog [
>gi|1036829033|ref|XP_017138095.1| PREDICTED: superoxide dismutase [Cu-Zn] isoform X2 [Drosoph
>gi|1036829015|ref|XP_017138094.1| PREDICTED: superoxide dismutase [Cu-Zn] isoform X1 [Drosoph
>gi|1036829003|ref|XP_017138092.1| PREDICTED: transmembrane protein 161B [Drosophila miranda]
>gi|1036851458|ref|XP_017139349.1| PREDICTED: protein new-glue 2-like [Drosophila miranda]
>gi|1036851472|ref|XP_017139350.1| PREDICTED: uncharacterized protein LOC108153732 [Drosophila
>gi|1036769705|ref|XP_017134755.1| PREDICTED: uncharacterized protein LOC108150936 [Drosophila
>gi|1036759825|ref|XP_017156860.1| PREDICTED: protein new-glue 1-like [Drosophila miranda]
>gi|1036819553|ref|XP 017137567.1| PREDICTED: protein new-glue 1-like [Drosophila miranda]
>gi|1036819513|ref|XP_017137565.1| PREDICTED: nucleobindin-2 [Drosophila miranda]
>gi|1036819534|ref|XP 017137566.1| PREDICTED: probable ATP-dependent RNA helicase DDX52 [Droso
>gi|1036845261|ref|XP_017138998.1| PREDICTED: uncharacterized protein LOC108153475 [Drosophila
>gi|1036845244|ref|XP 017138997.1| PREDICTED: arylsulfatase B [Drosophila miranda]
>gi|1036849909|ref|XP_017139258.1| PREDICTED: battenin [Drosophila miranda]
>gi|1036849928|ref|XP_017139259.1| PREDICTED: battenin [Drosophila miranda]
>gi|1036849947|ref|XP_017139261.1| PREDICTED: battenin [Drosophila miranda]
>gi|1036765695|ref|XP_017134534.1| PREDICTED: glutamate receptor ionotropic, kainate 4 [Drosop
>gi|1036765727|ref|XP_017134535.1| PREDICTED: glutamate receptor ionotropic, kainate 4 [Drosop
>gi|1036759844|ref|XP_017156861.1| PREDICTED: glutamate receptor ionotropic, kainate 5 [Drosop
>gi|1036759863|ref|XP_017156862.1| PREDICTED: gamma-aminobutyric acid receptor alpha-like [Dros
>gi|1036778515|ref|XP_017135258.1| PREDICTED: EF-hand domain-containing family member B-like [
>gi|1036778554|ref|XP_017135260.1| PREDICTED: glycerol-3-phosphate phosphatase [Drosophila mire
>gi|1036778535|ref|XP_017135259.1| PREDICTED: glycerol-3-phosphate phosphatase [Drosophila mire
>gi|1036778665|ref|XP 017135267.1| PREDICTED: mediator of RNA polymerase II transcription subu
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>gi|1036778646|ref|XP_017135266.1| PREDICTED: dihydrolipoyl dehydrogenase, mitochondrial [Dros
>gi|1036778573|ref|XP_017135261.1| PREDICTED: tryptophan--tRNA ligase [Drosophila miranda]
>gi|1036778592|ref|XP_017135262.1| PREDICTED: cationic amino acid transporter 2 [Drosophila mineral description of the company of the company
>gi|1036778610|ref|XP_017135263.1| PREDICTED: arylsulfatase B isoform X1 [Drosophila miranda]
>gi|1036778629|ref|XP 017135265.1| PREDICTED: arylsulfatase B isoform X2 [Drosophila miranda]
>gi|1036778684|ref|XP_017135268.1| PREDICTED: uncharacterized protein LOC108151261 [Drosophila
>gi|1036766561|ref|XP 017134581.1| PREDICTED: uncharacterized protein LOC108150790 [Drosophila
>gi|1036759882|ref|XP_017156863.1| PREDICTED: arylsulfatase B [Drosophila miranda]
>gi|1036844991|ref|XP 017138982.1| PREDICTED: CD151 antigen [Drosophila miranda]
>gi|1036845010|ref|XP_017138983.1| PREDICTED: CD151 antigen [Drosophila miranda]
>gi|1036841752|ref|XP_017138819.1| PREDICTED: LOW QUALITY PROTEIN: solute carrier family 26 men
>gi|1036821183|ref|XP_017137650.1| PREDICTED: WD repeat-containing protein 92 [Drosophila mirated
>gi|1036821199|ref|XP_017137651.1| PREDICTED: WD repeat-containing protein 92 [Drosophila mirated
>gi|1036821163|ref|XP_017137649.1| PREDICTED: LOW QUALITY PROTEIN: tetratricopeptide repeat pro
>gi|1036849999|ref|XP_017139264.1| PREDICTED: uncharacterized protein LOC108153663 [Drosophila
>gi|1036850019|ref|XP_017139266.1| PREDICTED: uncharacterized protein LOC108153663 [Drosophila
>gi|1036759901|ref|XP_017156864.1| PREDICTED: dihydrolipoyl dehydrogenase-like [Drosophila mire
>gi|1036801175|ref|XP_017136553.1| PREDICTED: ecdysone-induced protein 75B isoform X1 [Drosoph
>gi|1036801225|ref|XP_017136556.1| PREDICTED: ecdysone-induced protein 75B, isoforms C/D isofo
>gi|1036801208|ref|XP 017136555.1| PREDICTED: ecdysone-induced protein 75B, isoforms C/D isofo
>gi|1036801192|ref|XP_017136554.1| PREDICTED: ecdysone-induced protein 75B isoform X2 [Drosoph
>gi|1036801242|ref|XP 017136557.1| PREDICTED: ecdysone-induced protein 75B, isoforms C/D isofo
>gi|1036759920|ref|XP_017156865.1| PREDICTED: uncharacterized protein LOC108165343 [Drosophila
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>gi|1036849785|ref|XP_017139250.1| PREDICTED: uncharacterized protein LOC108153655 isoform X1
>gi|1036849803|ref|XP_017139252.1| PREDICTED: uncharacterized protein LOC108153655 isoform X2
>gi|1036765659|ref|XP_017157176.1| PREDICTED: uncharacterized protein LOC108165611 [Drosophila
>gi|1036829193|ref|XP_017138104.1| PREDICTED: uncharacterized protein LOC108152929 [Drosophila
>gi|1036829212|ref|XP_017138105.1| PREDICTED: uncharacterized protein LOC108152929 [Drosophila
>gi|1036829231|ref|XP 017138106.1| PREDICTED: probable 28S ribosomal protein S26, mitochondria
>gi|1036829172|ref|XP_017138103.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC4 [Drawn of the content of the conten
>gi|1036787005|ref|XP_017135751.1| PREDICTED: ATR-interacting protein mus304 [Drosophila miran-
>gi|1036787043|ref|XP_017135753.1| PREDICTED: uncharacterized protein LOC108151585 [Drosophila
>gi|1036787024|ref|XP_017135752.1| PREDICTED: probable cytochrome P450 312a1 [Drosophila miran-
>gi|1036787061|ref|XP 017135754.1| PREDICTED: uncharacterized protein LOC108151586 isoform X1
>gi|1036787080|ref|XP_017135755.1| PREDICTED: uncharacterized protein LOC108151586 isoform X2
>gi|1036787116|ref|XP 017135757.1| PREDICTED: uncharacterized protein LOC108151589 [Drosophila
>gi|1036787135|ref|XP_017135758.1| PREDICTED: uncharacterized protein LOC108151590 [Drosophila
>gi|1036787153|ref|XP_017135759.1| PREDICTED: uncharacterized protein LOC108151591 [Drosophila
>gi|1036787099|ref|XP_017135756.1| PREDICTED: uncharacterized protein LOC108151587 [Drosophila
>gi|1036831774|ref|XP_017138251.1| PREDICTED: cell death protein hid [Drosophila miranda]
>gi|1036850056|ref|XP_017139268.1| PREDICTED: larval serum protein 1 gamma chain [Drosophila m
>gi|1036767164|ref|XP_017134616.1| PREDICTED: uncharacterized protein LOC108150820 [Drosophila
>gi|1036850670|ref|XP_017139303.1| PREDICTED: uncharacterized protein LOC108153690 [Drosophila
>gi|1036849494|ref|XP_017139232.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036763349|ref|XP_017157060.1| PREDICTED: cell death protein Grim [Drosophila miranda]
>gi|1036766326|ref|XP_017134566.1| PREDICTED: uncharacterized protein LOC108150780 isoform X1
>gi|1036766347|ref|XP_017134568.1| PREDICTED: uncharacterized protein LOC108150780 isoform X2
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>gi|1036849580|ref|XP_017139238.1| PREDICTED: uncharacterized protein LOC108153645 [Drosophila
>gi|1036764169|ref|XP_017157104.1| PREDICTED: coactosin-like protein [Drosophila miranda]
>gi|1036765778|ref|XP_017134539.1| PREDICTED: mitochondrial dicarboxylate carrier [Drosophila 1
>gi|1036763136|ref|XP_017157051.1| PREDICTED: cell death protein rpr [Drosophila miranda]
>gi|1036832217|ref|XP 017138277.1| PREDICTED: uncharacterized protein LOC108153032 [Drosophila
>gi|1036832198|ref|XP_017138276.1| PREDICTED: gamma-glutamylcyclotransferase [Drosophila miran-
>gi|1036832181|ref|XP_017138275.1| PREDICTED: gamma-glutamylcyclotransferase [Drosophila miran-
>gi|1036835683|ref|XP_017138464.1| PREDICTED: angiopoietin-related protein 1-like [Drosophila 1
>gi|1036835630|ref|XP_017138461.1| PREDICTED: somatostatin receptor type 2 [Drosophila miranda
>gi|1036835701|ref|XP_017138465.1| PREDICTED: uncharacterized protein LOC108153171 [Drosophila
>gi|1036835647|ref|XP_017138462.1| PREDICTED: somatostatin receptor type 5 [Drosophila miranda]
>gi|1036835666|ref|XP_017138463.1| PREDICTED: somatostatin receptor type 5 [Drosophila miranda]
>gi|1036838106|ref|XP_017138610.1| PREDICTED: protein terminus [Drosophila miranda]
>gi|1036825411|ref|XP_017137889.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like [Droso
>gi|1036825392|ref|XP_017137888.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like [Droso
>gi|1036825375|ref|XP_017137886.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 [Drosophila
>gi|1036825356|ref|XP_017137885.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 [Drosophila
>gi|1036825430|ref|XP_017137890.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like [Droso
>gi|1036825337|ref|XP_017137884.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 [Drosophila
>gi|1036825299|ref|XP 017137882.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 isoform X1
>gi|1036825318|ref|XP_017137883.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 isoform X2
>gi|1036842403|ref|XP 017138843.1| PREDICTED: uncharacterized protein LOC108153381 [Drosophila
>gi|1036808882|ref|XP_017136980.1| PREDICTED: LOW QUALITY PROTEIN: ubiquitin carboxyl-terminal
>gi|1036808901|ref|XP_017136982.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase nonstop-li
>gi|1036808863|ref|XP_017136979.1| PREDICTED: LOW QUALITY PROTEIN: protein aurora borealis [Dr
>gi|1036819061|ref|XP_017137541.1| PREDICTED: uncharacterized protein LOC108152597 [Drosophila
>gi|1036819080|ref|XP_017137543.1| PREDICTED: protein phosphatase 1 regulatory subunit 12A [Dref|XP_017137543.1]
>gi|1036763295|ref|XP_017157057.1| PREDICTED: uncharacterized protein LOC108165512 [Drosophila
>gi|1036788386|ref|XP_017135827.1| PREDICTED: caprin homolog [Drosophila miranda]
>gi|1036788454|ref|XP_017135832.1| PREDICTED: gram-negative bacteria-binding protein 2 [Drosop
>gi|1036788404|ref|XP_017135828.1| PREDICTED: gram-negative bacteria-binding protein 1 isoform
>gi|1036788420|ref|XP_017135829.1| PREDICTED: gram-negative bacteria-binding protein 2 isoform
>gi|1036788437|ref|XP_017135830.1| PREDICTED: gram-negative bacteria-binding protein 2-like [Di
>gi|1036788471|ref|XP_017135833.1| PREDICTED: SAGA-associated factor 11 homolog [Drosophila mi
>gi|1036788503|ref|XP 017135835.1| PREDICTED: uncharacterized protein LOC108151640 [Drosophila
>gi|1036788487|ref|XP_017135834.1| PREDICTED: charged multivesicular body protein 1b [Drosophi
>gi|1036847180|ref|XP_017139100.1| PREDICTED: probable cytochrome P450 12c1, mitochondrial [Dropout P450 12c
>gi|1036759939|ref|XP_017156866.1| PREDICTED: mitochondrial dicarboxylate carrier, partial [Dr
>gi|1036787986|ref|XP_017135807.1| PREDICTED: uncharacterized protein LOC108151619 [Drosophila
>gi|1036787821|ref|XP_017135799.1| PREDICTED: uncharacterized protein LOC108151613 [Drosophila
>gi|1036787859|ref|XP_017135801.1| PREDICTED: uncharacterized protein LOC108151615 [Drosophila
>gi|1036787840|ref|XP_017135800.1| PREDICTED: equilibrative nucleoside transporter 4 [Drosophi
>gi|1036787915|ref|XP_017135804.1| PREDICTED: WW domain-binding protein 2 isoform X1 [Drosophi
>gi|1036787968|ref|XP_017135806.1| PREDICTED: WW domain-binding protein 2 isoform X3 [Drosophi
>gi|1036787932|ref|XP_017135805.1| PREDICTED: WW domain-binding protein 2 isoform X2 [Drosophi
>gi|1036787710|ref|XP_017135792.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 2 isoform X1
>gi|1036787727|ref|XP_017135793.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 1 isoform X2
>gi|1036787783|ref|XP_017135796.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 2 isoform X5
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>gi|1036787802|ref|XP_017135797.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 2 isoform X6
>gi|1036787764|ref|XP_017135795.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 1 isoform X4
>gi|1036787746|ref|XP_017135794.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 2 isoform X3
>gi|1036787877|ref|XP_017135802.1| PREDICTED: facilitated trehalose transporter Tret1-2 homological description of the second of
>gi|1036787896|ref|XP 017135803.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1036810362|ref|XP_017137059.1| PREDICTED: titin [Drosophila miranda]
>gi|1036818506|ref|XP 017137510.1| PREDICTED: splicing factor 3A subunit 2 [Drosophila miranda
>gi|1036818487|ref|XP_017137509.1| PREDICTED: mucin-19 isoform X4 [Drosophila miranda]
>gi|1036818469|ref|XP_017137507.1| PREDICTED: mucin-19 isoform X3 [Drosophila miranda]
>gi|1036818450|ref|XP_017137506.1| PREDICTED: mucin-19 isoform X2 [Drosophila miranda]
>gi|1036818432|ref|XP_017137505.1| PREDICTED: mucin-19 isoform X1 [Drosophila miranda]
>gi|1036809408|ref|XP_017137006.1| PREDICTED: serine/threonine-protein kinase unc-51 [Drosophi
>gi|1036809427|ref|XP_017137007.1| PREDICTED: leucine-rich repeat and transmembrane domain-con
>gi|1036850037|ref|XP_017139267.1| PREDICTED: uncharacterized protein LOC108153664 [Drosophila
>gi|1036759958|ref|XP_017156867.1| PREDICTED: RNA polymerase II degradation factor 1 [Drosophi
>gi|1036816362|ref|XP_017137387.1| PREDICTED: uncharacterized protein LOC108152508 [Drosophila
>gi|1036816381|ref|XP_017137388.1| PREDICTED: AP2-associated protein kinase 1 [Drosophila mirated]
>gi|1036759975|ref|XP_017156868.1| PREDICTED: uncharacterized protein LOC108165346 [Drosophila
>gi|1036816479|ref|XP_017137394.1| PREDICTED: uncharacterized protein C16orf52 homolog A [Dros
>gi|1036816322|ref|XP 017137385.1| PREDICTED: adenylate cyclase type 2 isoform X2 [Drosophila 1
>gi|1036816303|ref|XP_017137384.1| PREDICTED: adenylate cyclase type 2 isoform X1 [Drosophila i
>gi|1036816341|ref|XP_017137386.1| PREDICTED: adenylate cyclase type 2 isoform X3 [Drosophila i
>gi|1036816498|ref|XP_017137395.1| PREDICTED: uncharacterized protein LOC108152513 [Drosophila
>gi|1036816400|ref|XP_017137390.1| PREDICTED: uncharacterized protein LOC108152510 isoform X1
>gi|1036816421|ref|XP_017137391.1| PREDICTED: uncharacterized protein LOC108152510 isoform X2
>gi|1036816440|ref|XP_017137392.1| PREDICTED: uncharacterized protein LOC108152510 isoform X3
>gi|1036816458|ref|XP_017137393.1| PREDICTED: uncharacterized protein LOC108152511 [Drosophila
>gi|1036816516|ref|XP_017137396.1| PREDICTED: uncharacterized protein LOC108152514 [Drosophila
>gi|1036804217|ref|XP_017136723.1| PREDICTED: rho GDP-dissociation inhibitor 1 [Drosophila mire
>gi|1036804236|ref|XP_017136724.1| PREDICTED: rho GDP-dissociation inhibitor 1 [Drosophila mire
>gi|1036804198|ref|XP_017136722.1| PREDICTED: metaxin-2 [Drosophila miranda]
>gi|1036804254|ref|XP_017136725.1| PREDICTED: larval/pupal cuticle protein H1C-like [Drosophile]
>gi|1036804179|ref|XP_017136720.1| PREDICTED: Golgi reassembly-stacking protein 2 [Drosophila 1
>gi|1036804273|ref|XP_017136726.1| PREDICTED: probable prefoldin subunit 6 [Drosophila miranda]
>gi|1036819395|ref|XP 017137558.1| PREDICTED: polycomb protein Su(z)12 isoform X1 [Drosophila 1
>gi|1036819414|ref|XP_017137559.1| PREDICTED: polycomb protein Su(z)12 isoform X2 [Drosophila i
>gi|1036820778|ref|XP_017137628.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 2 is
>gi|1036820759|ref|XP_017137627.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 2 is
>gi|1036829903|ref|XP_017138142.1| PREDICTED: exosome complex component MTR3 [Drosophila miran
>gi|1036829882|ref|XP_017138141.1| PREDICTED: U4/U6 small nuclear ribonucleoprotein Prp3 [Dros
>gi|1036770726|ref|XP_017134810.1| PREDICTED: chromodomain-helicase-DNA-binding protein Mi-2 h
>gi|1036770747|ref|XP_017134811.1| PREDICTED: chromodomain-helicase-DNA-binding protein Mi-2 h
>gi|1036770822|ref|XP 017134816.1| PREDICTED: RNA polymerase II elongation factor Ell [Drosoph
>gi|1036770840|ref|XP_017134817.1| PREDICTED: RNA polymerase II elongation factor Ell [Drosoph
>gi|1036770865|ref|XP_017134818.1| PREDICTED: RNA polymerase II elongation factor Ell [Drosoph
>gi|1036770882|ref|XP_017134819.1| PREDICTED: RNA polymerase II elongation factor Ell [Drosoph
>gi|1036770785|ref|XP_017134813.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 32 isoform
>gi|1036770766|ref|XP_017134812.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 32 isoform
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>gi|1036770804|ref|XP_017134814.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 32 isoform
>gi|1036792369|ref|XP_017136056.1| PREDICTED: uncharacterized protein LOC108151745 [Drosophila
>gi|1036792219|ref|XP_017136047.1| PREDICTED: protein suppressor of underreplication [Drosophi
>gi|1036792328|ref|XP_017136054.1| PREDICTED: uncharacterized protein LOC108151743 [Drosophila
>gi|1036792348|ref|XP 017136055.1| PREDICTED: uncharacterized protein LOC108151744 [Drosophila
>gi|1036792235|ref|XP_017136049.1| PREDICTED: succinyl-CoA:3-ketoacid coenzyme A transferase 1
>gi|1036792290|ref|XP 017136052.1| PREDICTED: uncharacterized protein LOC108151742 isoform X3
>gi|1036792273|ref|XP_017136051.1| PREDICTED: uncharacterized protein LOC108151742 isoform X2
>gi|1036792254|ref|XP_017136050.1| PREDICTED: uncharacterized protein LOC108151742 isoform X1
>gi|1036792309|ref|XP_017136053.1| PREDICTED: uncharacterized protein LOC108151742 isoform X4
>gi|1036852052|ref|XP_017139387.1| PREDICTED: proton-coupled amino acid transporter 4 [Drosoph
>gi|1036759995|ref|XP_017156869.1| PREDICTED: uncharacterized protein LOC108165347 [Drosophila
>gi|1036766366|ref|XP_017134569.1| PREDICTED: uncharacterized protein LOC108150781 [Drosophila
>gi|1036760013|ref|XP_017156870.1| PREDICTED: uncharacterized protein LOC108165348 [Drosophila
>gi|1036772467|ref|XP_017134910.1| PREDICTED: LOW QUALITY PROTEIN: titin-like [Drosophila mirated]
>gi|1036772444|ref|XP_017134909.1| PREDICTED: uncharacterized protein DDB_G0285291-like [Droso
>gi|1036842460|ref|XP_017138846.1| PREDICTED: SEC14 domain and spectrin repeat-containing prot
>gi|1036767013|ref|XP_017134607.1| PREDICTED: probable serine hydrolase [Drosophila miranda]
>gi|1036847199|ref|XP_017139101.1| PREDICTED: probable serine hydrolase [Drosophila miranda]
>gi|1036849598|ref|XP 017139239.1| PREDICTED: uncharacterized protein LOC108153646 [Drosophila
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>gi|1036814407|ref|XP_017137279.1| PREDICTED: intraflagellar transport protein 172 homolog iso
>gi|1036814426|ref|XP_017137280.1| PREDICTED: intraflagellar transport protein 172 homolog iso
>gi|1036814622|ref|XP_017137291.1| PREDICTED: regulation of nuclear pre-mRNA domain-containing
>gi|1036814446|ref|XP_017137281.1| PREDICTED: adenylate cyclase type 8 isoform X1 [Drosophila 1
>gi|1036814465|ref|XP_017137282.1| PREDICTED: adenylate cyclase type 8 isoform X1 [Drosophila i
>gi|1036814485|ref|XP_017137283.1| PREDICTED: adenylate cyclase type 8 isoform X2 [Drosophila 1
>gi|1036814504|ref|XP_017137284.1| PREDICTED: adenylate cyclase type 8 isoform X3 [Drosophila i
>gi|1036814546|ref|XP_017137286.1| PREDICTED: adenylate cyclase type 8 isoform X5 [Drosophila i
>gi|1036814583|ref|XP_017137288.1| PREDICTED: adenylate cyclase type 8 isoform X7 [Drosophila i
>gi|1036814564|ref|XP_017137287.1| PREDICTED: adenylate cyclase type 8 isoform X6 [Drosophila 1
>gi|1036814527|ref|XP_017137285.1| PREDICTED: adenylate cyclase type 2 isoform X4 [Drosophila i
>gi|1036786354|ref|XP 017135716.1| PREDICTED: adenylate cyclase type 2-like isoform X1 [Drosop
>gi|1036786373|ref|XP_017135717.1| PREDICTED: adenylate cyclase type 8-like isoform X2 [Drosop
>gi|1036786507|ref|XP 017135724.1| PREDICTED: cytochrome b reductase 1 isoform X3 [Drosophila 1
>gi|1036786430|ref|XP_017135720.1| PREDICTED: cytochrome b reductase 1 isoform X1 [Drosophila i
>gi|1036786449|ref|XP_017135721.1| PREDICTED: cytochrome b reductase 1 isoform X2 [Drosophila i
>gi|1036786470|ref|XP_017135722.1| PREDICTED: cytochrome b reductase 1 isoform X2 [Drosophila i
>gi|1036786489|ref|XP_017135723.1| PREDICTED: cytochrome b reductase 1 isoform X2 [Drosophila i
>gi|1036786526|ref|XP_017135725.1| PREDICTED: cytochrome b reductase 1 isoform X4 [Drosophila i
>gi|1036786545|ref|XP 017135727.1| PREDICTED: uncharacterized protein LOC108151563 [Drosophila
>gi|1036786392|ref|XP_017135718.1| PREDICTED: xylosyltransferase oxt [Drosophila miranda]
>gi|1036786564|ref|XP_017135728.1| PREDICTED: 5'-3' exoribonuclease 2 homolog [Drosophila mirates]
>gi|1036786411|ref|XP_017135719.1| PREDICTED: protein ecdysoneless [Drosophila miranda]
>gi|1036835407|ref|XP_017138448.1| PREDICTED: uncharacterized protein LOC108153156 [Drosophila
>gi|1036835388|ref|XP_017138447.1| PREDICTED: peritrophin-48-like [Drosophila miranda]
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>gi|1036835332|ref|XP_017138443.1| PREDICTED: major royal jelly protein 1 [Drosophila miranda]
>gi|1036835350|ref|XP_017138444.1| PREDICTED: major royal jelly protein 1 [Drosophila miranda]
>gi|1036835313|ref|XP_017138442.1| PREDICTED: sex peptide receptor [Drosophila miranda]
>gi|1036835294|ref|XP_017138441.1| PREDICTED: uncharacterized protein LOC108153150 [Drosophila
>gi|1036835423|ref|XP 017138449.1| PREDICTED: rab-like protein 3 [Drosophila miranda]
>gi|1036835369|ref|XP_017138446.1| PREDICTED: choline-phosphate cytidylyltransferase A-like [Di
>gi|1036763770|ref|XP 017157085.1| PREDICTED: E3 ubiquitin-protein ligase MARCH6 [Drosophila m
>gi|1036763985|ref|XP_017157098.1| PREDICTED: thioredoxin, mitochondrial [Drosophila miranda]
>gi|1036763967|ref|XP_017157097.1| PREDICTED: 39S ribosomal protein L23, mitochondrial [Drosop.
>gi|1036763788|ref|XP_017157086.1| PREDICTED: nucleolar MIF4G domain-containing protein 1 homo
>gi|1036763842|ref|XP_017157089.1| PREDICTED: uncharacterized protein C7orf50 homolog [Drosoph
>gi|1036763494|ref|XP_017157069.1| PREDICTED: uncharacterized protein LOC108165524 isoform X1
>gi|1036763512|ref|XP_017157070.1| PREDICTED: uncharacterized protein LOC108165524 isoform X2
>gi|1036763552|ref|XP_017157072.1| PREDICTED: uncharacterized protein LOC108165524 isoform X4
>gi|1036763533|ref|XP_017157071.1| PREDICTED: uncharacterized protein LOC108165524 isoform X3
>gi|1036763682|ref|XP_017157079.1| PREDICTED: uncharacterized protein LOC108165524 isoform X10
>gi|1036763860|ref|XP_017157090.1| PREDICTED: surface protein [Drosophila miranda]
>gi|1036763931|ref|XP_017157094.1| PREDICTED: uncharacterized protein LOC108165533 isoform X2
>gi|1036763949|ref|XP_017157095.1| PREDICTED: uncharacterized protein LOC108165533 isoform X3
>gi|1036763895|ref|XP 017157092.1| PREDICTED: uncharacterized protein LOC108165533 isoform X1
>gi|1036763913|ref|XP_017157093.1| PREDICTED: uncharacterized protein LOC108165533 isoform X1
>gi|1036763611|ref|XP 017157075.1| PREDICTED: uncharacterized protein LOC108165524 isoform X6
>gi|1036763586|ref|XP_017157073.1| PREDICTED: uncharacterized protein LOC108165524 isoform X5
>gi|1036763700|ref|XP_017157080.1| PREDICTED: microtubule-associated protein futsch isoform X1
>gi|1036763736|ref|XP_017157082.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036763718|ref|XP_017157081.1| PREDICTED: mucin-5AC isoform X12 [Drosophila miranda]
>gi|1036763630|ref|XP_017157076.1| PREDICTED: supervillin isoform X7 [Drosophila miranda]
>gi|1036763754|ref|XP_017157083.1| PREDICTED: AF4/FMR2 family member 4 isoform X14 [Drosophila
>gi|1036763877|ref|XP_017157091.1| PREDICTED: uncharacterized protein LOC108165531 [Drosophila
>gi|1036763806|ref|XP_017157087.1| PREDICTED: probable cytochrome P450 4d20 [Drosophila mirand
>gi|1036763646|ref|XP_017157077.1| PREDICTED: supervillin isoform X8 [Drosophila miranda]
>gi|1036763824|ref|XP_017157088.1| PREDICTED: uncharacterized protein LOC108165528 [Drosophila
>gi|1036763664|ref|XP_017157078.1| PREDICTED: supervillin isoform X9 [Drosophila miranda]
>gi|1036832665|ref|XP_017138300.1| PREDICTED: purine nucleoside phosphorylase isoform X3 [Dros
>gi|1036832646|ref|XP 017138299.1| PREDICTED: purine nucleoside phosphorylase isoform X2 [Dros
>gi|1036832627|ref|XP_017138298.1| PREDICTED: purine nucleoside phosphorylase isoform X1 [Dros
>gi|1036832701|ref|XP_017138302.1| PREDICTED: purine nucleoside phosphorylase isoform X5 [Dros
>gi|1036832684|ref|XP_017138301.1| PREDICTED: purine nucleoside phosphorylase isoform X4 [Dros
>gi|1036789463|ref|XP_017135890.1| PREDICTED: AF4/FMR2 family member 4 isoform X18 [Drosophila
>gi|1036789294|ref|XP_017135880.1| PREDICTED: uncharacterized protein LOC108151662 isoform X9
>gi|1036789201|ref|XP_017135875.1| PREDICTED: uncharacterized protein LOC108151662 isoform X4
>gi|1036789387|ref|XP_017135885.1| PREDICTED: AF4/FMR2 family member 4 isoform X14 [Drosophila
>gi|1036789349|ref|XP_017135883.1| PREDICTED: AF4/FMR2 family member 4 isoform X12 [Drosophila
>gi|1036789259|ref|XP_017135878.1| PREDICTED: uncharacterized protein LOC108151662 isoform X7
>gi|1036789165|ref|XP_017135873.1| PREDICTED: uncharacterized protein LOC108151662 isoform X2
>gi|1036789311|ref|XP_017135881.1| PREDICTED: uncharacterized protein LOC108151662 isoform X10
>gi|1036789276|ref|XP_017135879.1| PREDICTED: uncharacterized protein LOC108151662 isoform X8
>gi|1036789368|ref|XP_017135884.1| PREDICTED: AF4/FMR2 family member 4 isoform X13 [Drosophila
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>gi|1036789330|ref|XP 017135882.1| PREDICTED: AF4/FMR2 family member 4 isoform X11 [Drosophila
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>gi|1036789144|ref|XP_017135872.1| PREDICTED: uncharacterized protein LOC108151662 isoform X1
>gi|1036789238|ref|XP 017135877.1| PREDICTED: uncharacterized protein LOC108151662 isoform X6
>gi|1036789406|ref|XP_017135886.1| PREDICTED: uncharacterized protein LOC108151662 isoform X15
>gi|1036789425|ref|XP 017135887.1| PREDICTED: uncharacterized protein LOC108151662 isoform X16
>gi|1036789482|ref|XP_017135891.1| PREDICTED: uncharacterized protein LOC108151662 isoform X19
>gi|1036789444|ref|XP_017135888.1| PREDICTED: AF4/FMR2 family member 4 isoform X17 [Drosophila
>gi|1036809813|ref|XP_017137030.1| PREDICTED: altered inheritance of mitochondria protein 3 is
>gi|1036809788|ref|XP_017137029.1| PREDICTED: extensin isoform X1 [Drosophila miranda]
>gi|1036809943|ref|XP_017137036.1| PREDICTED: O-acetyl-ADP-ribose deacetylase 1 [Drosophila mi
>gi|1036809922|ref|XP_017137035.1| PREDICTED: O-acetyl-ADP-ribose deacetylase 1 [Drosophila mi
>gi|1036809903|ref|XP_017137033.1| PREDICTED: uncharacterized protein LOC108152312 [Drosophila
>gi|1036809884|ref|XP_017137032.1| PREDICTED: uncharacterized oxidoreductase YjmC [Drosophila 1
>gi|1036809866|ref|XP_017137031.1| PREDICTED: uncharacterized protein LOC108152310 [Drosophila
>gi|1036809695|ref|XP_017137024.1| PREDICTED: uncharacterized protein LOC108152307 isoform X1
>gi|1036809751|ref|XP_017137027.1| PREDICTED: uncharacterized protein LOC108152307 isoform X4
>gi|1036809714|ref|XP_017137025.1| PREDICTED: uncharacterized protein LOC108152307 isoform X2
>gi|1036809769|ref|XP 017137028.1| PREDICTED: uncharacterized protein LOC108152307 isoform X5
>gi|1036809733|ref|XP_017137026.1| PREDICTED: GTPase-activating protein BEM2/IPL2 isoform X3 [
>gi|1036809959|ref|XP 017137037.1| PREDICTED: multifunctional methyltransferase subunit TRM112
>gi|1036836316|ref|XP_017138502.1| PREDICTED: integrin-linked protein kinase homolog pat-4 [Dr
>gi|1036841245|ref|XP_017138788.1| PREDICTED: ecdysone-induced protein 78C isoform X1 [Drosoph
>gi|1036841264|ref|XP_017138789.1| PREDICTED: ecdysone-induced protein 78C isoform X2 [Drosoph
>gi|1036841300|ref|XP_017138792.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036841282|ref|XP_017138790.1| PREDICTED: ecdysone-induced protein 78C isoform X3 [Drosoph
>gi|1036844209|ref|XP_017138947.1| PREDICTED: inositol monophosphatase 1 [Drosophila miranda]
>gi|1036849525|ref|XP_017139234.1| PREDICTED: proteoglycan 4 [Drosophila miranda]
>gi|1036789773|ref|XP_017135909.1| PREDICTED: acetyl-coenzyme A synthetase [Drosophila miranda]
>gi|1036789813|ref|XP_017135912.1| PREDICTED: glycine cleavage system H protein, mitochondrial
>gi|1036789794|ref|XP_017135910.1| PREDICTED: uncharacterized protein LOC108151679 [Drosophila
>gi|1036789754|ref|XP_017135908.1| PREDICTED: uncharacterized protein LOC108151677 [Drosophila
>gi|1036767612|ref|XP_017134639.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036767577|ref|XP 017134637.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036808488|ref|XP_017136959.1| PREDICTED: pupal cuticle protein Edg-78E-like [Drosophila m
>gi|1036808450|ref|XP 017136957.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036808469|ref|XP_017136958.1| PREDICTED: pupal cuticle protein Edg-78E-like [Drosophila m
>gi|1036808414|ref|XP_017136955.1| PREDICTED: probable serine hydrolase [Drosophila miranda]
>gi|1036808432|ref|XP_017136956.1| PREDICTED: probable serine hydrolase [Drosophila miranda]
>gi|1036808396|ref|XP_017136954.1| PREDICTED: polycomb group protein Pc [Drosophila miranda]
>gi|1036847834|ref|XP_017139136.1| PREDICTED: ras-related protein Rab-26 isoform X2 [Drosophile
>gi|1036847853|ref|XP_017139137.1| PREDICTED: ras-related protein Rab-26 isoform X3 [Drosophile
>gi|1036847817|ref|XP_017139135.1| PREDICTED: ras-related protein Rab-26 isoform X1 [Drosophile
>gi|1036804826|ref|XP_017136757.1| PREDICTED: pre-rRNA-processing protein TSR1 homolog [Drosop
>gi|1036804807|ref|XP_017136756.1| PREDICTED: TBC1 domain family member 9 isoform X2 [Drosophi
>gi|1036804789|ref|XP_017136755.1| PREDICTED: TBC1 domain family member 9 isoform X1 [Drosophi
>gi|1036838677|ref|XP_017138647.1| PREDICTED: uncharacterized protein LOC108153286 [Drosophila
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>gi|1036838696|ref|XP_017138648.1| PREDICTED: uncharacterized protein LOC108153287 [Drosophila
>gi|1036838712|ref|XP_017138649.1| PREDICTED: uncharacterized protein LOC108153287 [Drosophila
>gi|1036846881|ref|XP_017139083.1| PREDICTED: nuclear transcription factor Y subunit beta [Dros
>gi|1036846900|ref|XP_017139084.1| PREDICTED: uncharacterized protein DDB_G0283697 isoform X1
>gi|1036846919|ref|XP 017139085.1| PREDICTED: uncharacterized protein LOC108153533 isoform X2
>gi|1036760031|ref|XP_017156871.1| PREDICTED: uncharacterized protein LOC108165349, partial [Di
>gi|1036815665|ref|XP 017137348.1| PREDICTED: trichohyalin isoform X1 [Drosophila miranda]
>gi|1036815684|ref|XP_017137349.1| PREDICTED: trichohyalin isoform X1 [Drosophila miranda]
>gi|1036815703|ref|XP_017137350.1| PREDICTED: trichohyalin isoform X2 [Drosophila miranda]
>gi|1036815724|ref|XP_017137351.1| PREDICTED: HIV Tat-specific factor 1 [Drosophila miranda]
>gi|1036815743|ref|XP_017137352.1| PREDICTED: uncharacterized protein LOC108152488 [Drosophila
>gi|1036780912|ref|XP_017135400.1| PREDICTED: adult enhancer factor 1 isoform X1 [Drosophila m
>gi|1036780930|ref|XP_017135402.1| PREDICTED: adult enhancer factor 1 isoform X2 [Drosophila m
>gi|1036780879|ref|XP_017135398.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036781019|ref|XP_017135408.1| PREDICTED: pro-resilin [Drosophila miranda]
>gi|1036760050|ref|XP_017156872.1| PREDICTED: cuticle protein 8 [Drosophila miranda]
>gi|1036780983|ref|XP_017135406.1| PREDICTED: uncharacterized protein LOC108151358 [Drosophila
>gi|1036781037|ref|XP_017135409.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1036781001|ref|XP_017135407.1| PREDICTED: peroxisome biogenesis factor 2 [Drosophila miran-
>gi|1036780964|ref|XP 017135404.1| PREDICTED: UPF0183 protein CG7083 [Drosophila miranda]
>gi|1036780948|ref|XP_017135403.1| PREDICTED: DNA primase small subunit [Drosophila miranda]
>gi|1036780896|ref|XP 017135399.1| PREDICTED: heat shock 70 kDa protein 14 [Drosophila miranda
>gi|1036799591|ref|XP_017136462.1| PREDICTED: rab GTPase-activating protein 1-like isoform X1
>gi|1036799612|ref|XP_017136463.1| PREDICTED: rab GTPase-activating protein 1-like isoform X2
>gi|1036799630|ref|XP_017136464.1| PREDICTED: uncharacterized protein LOC108152004 isoform X1
>gi|1036799649|ref|XP_017136465.1| PREDICTED: uncharacterized protein LOC108152004 isoform X2
>gi|1036799726|ref|XP_017136469.1| PREDICTED: isocitrate dehydrogenase [NADP] cytoplasmic isof
>gi|1036799708|ref|XP_017136468.1| PREDICTED: isocitrate dehydrogenase [NADP] cytoplasmic isof
>gi|1036799687|ref|XP_017136467.1| PREDICTED: isocitrate dehydrogenase [NADP] cytoplasmic isof
>gi|1036799668|ref|XP_017136466.1| PREDICTED: isocitrate dehydrogenase [NADP] cytoplasmic isof
>gi|1036799744|ref|XP_017136470.1| PREDICTED: isocitrate dehydrogenase [NADP] cytoplasmic isof
>gi|1036799762|ref|XP_017136471.1| PREDICTED: fibronectin-binding protein A-like [Drosophila m
>gi|1036843726|ref|XP_017138921.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1036843743|ref|XP_017138922.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1036843762|ref|XP 017138924.1| PREDICTED: uncharacterized protein LOC108153430 isoform X2
>gi|1036763458|ref|XP_017157067.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036821930|ref|XP 017137692.1| PREDICTED: uncharacterized protein LOC108152696 isoform X1
>gi|1036821949|ref|XP_017137693.1| PREDICTED: uncharacterized protein LOC108152696 isoform X1
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>gi|1036821987|ref|XP_017137695.1| PREDICTED: uncharacterized protein LOC108152696 isoform X1
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>gi|1036822023|ref|XP_017137697.1| PREDICTED: uncharacterized protein LOC108152696 isoform X2
>gi|1036822042|ref|XP 017137698.1| PREDICTED: uncharacterized protein LOC108152696 isoform X3
>gi|1036822061|ref|XP_017137699.1| PREDICTED: uncharacterized protein LOC108152698 [Drosophila
>gi|1036795692|ref|XP_017136243.1| PREDICTED: NADPH-dependent diflavin oxidoreductase 1 [Droso
>gi|1036795619|ref|XP_017136238.1| PREDICTED: intraflagellar transport protein 122 homolog [Dref
>gi|1036795637|ref|XP_017136239.1| PREDICTED: exocyst complex component 7 [Drosophila miranda]
>gi|1036795656|ref|XP_017136240.1| PREDICTED: exocyst complex component 7 [Drosophila miranda]
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>gi|1036795711|ref|XP_017136244.1| PREDICTED: protein matrimony [Drosophila miranda]
>gi|1036795673|ref|XP_017136242.1| PREDICTED: agrin [Drosophila miranda]
>gi|1036821777|ref|XP 017137683.1| PREDICTED: E3 ubiquitin-protein ligase CBL-B-B [Drosophila 1
>gi|1036818077|ref|XP_017137486.1| PREDICTED: cold shock domain-containing protein E1 isoform
>gi|1036818060|ref|XP 017137485.1| PREDICTED: cold shock domain-containing protein E1 isoform
>gi|1036804608|ref|XP_017136745.1| PREDICTED: LOW QUALITY PROTEIN: AFG3-like protein 2 [Drosop
>gi|1036804645|ref|XP 017136747.1| PREDICTED: RNA-binding protein Musashi homolog Rbp6 isoform
>gi|1036804662|ref|XP_017136748.1| PREDICTED: RNA-binding protein Musashi homolog Rbp6 isoform
>gi|1036804699|ref|XP_017136751.1| PREDICTED: RNA-binding protein Musashi homolog Rbp6 isoform
>gi|1036804626|ref|XP_017136746.1| PREDICTED: hormone receptor 4 isoform X1 [Drosophila mirand
>gi|1036804681|ref|XP_017136750.1| PREDICTED: RNA-binding protein Musashi homolog Rbp6 isoform
>gi|1036804733|ref|XP_017136752.1| PREDICTED: RNA-binding protein Musashi homolog Rbp6 isoform
>gi|1036764499|ref|XP_017157120.1| PREDICTED: 3 beta-hydroxysteroid dehydrogenase/Delta 5--_4-
>gi|1036764517|ref|XP_017157121.1| PREDICTED: 3 beta-hydroxysteroid dehydrogenase/Delta 5--_4-
>gi|1036764543|ref|XP_017157122.1| PREDICTED: 3 beta-hydroxysteroid dehydrogenase/Delta 5--_4-
>gi|1036764563|ref|XP 017157123.1| PREDICTED: 3 beta-hydroxysteroid dehydrogenase/Delta 5-- 4-
>gi|1036830757|ref|XP_017138195.1| PREDICTED: protein rogdi [Drosophila miranda]
>gi|1036830776|ref|XP_017138196.1| PREDICTED: troponin C [Drosophila miranda]
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>gi|1036805500|ref|XP 017136796.1| PREDICTED: multiple epidermal growth factor-like domains pro
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>gi|1036805460|ref|XP 017136793.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805439|ref|XP_017136792.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805421|ref|XP_017136791.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805386|ref|XP_017136789.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805403|ref|XP_017136790.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805367|ref|XP 017136788.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805519|ref|XP_017136797.1| PREDICTED: uncharacterized protein LOC108152177 [Drosophila
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>gi|1036781772|ref|XP_017135452.1| PREDICTED: putative RNA-binding protein Luc7-like 1 [Drosop
>gi|1036781754|ref|XP_017135450.1| PREDICTED: enhancer of mRNA-decapping protein 3 [Drosophila
>gi|1036781519|ref|XP_017135437.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X1 [Di
>gi|1036781590|ref|XP 017135441.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X5 [Di
>gi|1036781573|ref|XP_017135440.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X4 [Di
>gi|1036781645|ref|XP 017135444.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X8 [Di
>gi|1036781681|ref|XP_017135446.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X10 [
>gi|1036781538|ref|XP_017135438.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X2 [Di
>gi|1036781737|ref|XP_017135449.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X13 [
>gi|1036781664|ref|XP_017135445.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X9 [Di
>gi|1036781554|ref|XP_017135439.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X3 [Di
>gi|1036781607|ref|XP_017135442.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X6 [D:
>gi|1036781626|ref|XP_017135443.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X7 [Di
>gi|1036781699|ref|XP_017135447.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X11 [
>gi|1036781717|ref|XP_017135448.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X12 [
>gi|1036823803|ref|XP_017137798.1| PREDICTED: uncharacterized protein LOC108152751 [Drosophila
>gi|1036823761|ref|XP_017137796.1| PREDICTED: insulin-degrading enzyme [Drosophila miranda]
>gi|1036823780|ref|XP_017137797.1| PREDICTED: insulin-degrading enzyme [Drosophila miranda]
>gi|1036820849|ref|XP_017137633.1| PREDICTED: rho-related BTB domain-containing protein 1 isof
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>gi|1036820887|ref|XP_017137635.1| PREDICTED: rho-related BTB domain-containing protein 1 isof
>gi|1036820868|ref|XP_017137634.1| PREDICTED: rho-related BTB domain-containing protein 1 isof
>gi|1036820905|ref|XP_017137636.1| PREDICTED: charged multivesicular body protein 7 [Drosophile
>gi|1036814073|ref|XP_017137259.1| PREDICTED: pantothenate kinase 3 isoform X1 [Drosophila mire
>gi|1036814091|ref|XP 017137260.1| PREDICTED: pantothenate kinase 3 isoform X2 [Drosophila mire
>gi|1036814138|ref|XP_017137263.1| PREDICTED: pantothenate kinase 3 isoform X4 [Drosophila mire
>gi|1036814176|ref|XP 017137265.1| PREDICTED: pantothenate kinase 3 isoform X6 [Drosophila mire
>gi|1036814117|ref|XP_017137262.1| PREDICTED: pantothenate kinase 3 isoform X3 [Drosophila mire
>gi|1036814157|ref|XP_017137264.1| PREDICTED: pantothenate kinase 3 isoform X5 [Drosophila mire
>gi|1036814194|ref|XP_017137266.1| PREDICTED: F-box/WD repeat-containing protein 4 [Drosophila
>gi|1036827193|ref|XP_017137988.1| PREDICTED: CBL-interacting serine/threonine-protein kinase
>gi|1036847567|ref|XP_017139121.1| PREDICTED: cationic amino acid transporter 4 [Drosophila mineral description of the company of the company
>gi|1036843599|ref|XP_017138914.1| PREDICTED: uncharacterized protein LOC108153422 [Drosophila
>gi|1036843618|ref|XP_017138915.1| PREDICTED: dipeptidase 3 [Drosophila miranda]
>gi|1036838554|ref|XP_017138636.1| PREDICTED: uncharacterized protein C7orf26 homolog [Drosoph
>gi|1036838161|ref|XP_017138613.1| PREDICTED: transmembrane protein 104 homolog [Drosophila mi
>gi|1036781297|ref|XP_017135424.1| PREDICTED: lipoyl synthase, mitochondrial [Drosophila miran-
>gi|1036781351|ref|XP_017135427.1| PREDICTED: neuronal membrane glycoprotein M6-a isoform X1 [
>gi|1036781369|ref|XP_017135428.1| PREDICTED: neuronal membrane glycoprotein M6-a isoform X2 [
>gi|1036781335|ref|XP 017135426.1| PREDICTED: serine/threonine-protein kinase PLK4 [Drosophila
>gi|1036781316|ref|XP_017135425.1| PREDICTED: cyclin-dependent kinase 12 [Drosophila miranda]
>gi|1036808324|ref|XP_017136950.1| PREDICTED: WD repeat-containing protein 26 homolog [Drosoph
>gi|1036808342|ref|XP_017136951.1| PREDICTED: WD repeat-containing protein 26 homolog [Drosoph
>gi|1036808360|ref|XP_017136952.1| PREDICTED: WD repeat-containing protein 26 homolog [Drosoph
>gi|1036808378|ref|XP_017136953.1| PREDICTED: protein ARV1 [Drosophila miranda]
>gi|1036827172|ref|XP_017137987.1| PREDICTED: probable E3 ubiquitin-protein ligase makorin-1 [
>gi|1036767050|ref|XP_017134610.1| PREDICTED: pickpocket protein 28 isoform X1 [Drosophila mire
>gi|1036767071|ref|XP_017134611.1| PREDICTED: pickpocket protein 28 isoform X2 [Drosophila mire
>gi|1036833247|ref|XP_017138334.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 4 [
>gi|1036833265|ref|XP_017138335.1| PREDICTED: uncharacterized protein LOC108153066 [Drosophila
>gi|1036847420|ref|XP_017139115.1| PREDICTED: V-type proton ATPase subunit e 2 [Drosophila mir
>gi|1036802904|ref|XP_017136648.1| PREDICTED: serine/threonine-protein kinase WNK1 [Drosophila
>gi|1036802885|ref|XP 017136647.1| PREDICTED: N-acylneuraminate cytidylyltransferase [Drosophi
>gi|1036830998|ref|XP_017138208.1| PREDICTED: neuronal calcium sensor 2 isoform X2 [Drosophila
>gi|1036830981|ref|XP 017138207.1| PREDICTED: neuronal calcium sensor 2 isoform X1 [Drosophila
>gi|1036830962|ref|XP_017138206.1| PREDICTED: neurocalcin homolog [Drosophila miranda]
>gi|1036840070|ref|XP 017138721.1| PREDICTED: 4-aminobutyrate aminotransferase, mitochondrial
>gi|1036840388|ref|XP_017138738.1| PREDICTED: mitochondrial import receptor subunit TOM20 homo
>gi|1036775759|ref|XP_017135093.1| PREDICTED: fat-like cadherin-related tumor suppressor homological statements and the suppressor homological statements are suppressed to the suppressor homological statements and the suppressor homological statements are suppressed to the suppressor homological statements and the suppressor homological statements are suppressed to the suppression of the su
>gi|1036775778|ref|XP_017135094.1| PREDICTED: uncharacterized protein LOC108151174 [Drosophila
>gi|1036816945|ref|XP_017137423.1| PREDICTED: GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosy
>gi|1036816964|ref|XP_017137424.1| PREDICTED: uncharacterized protein LOC108152530 [Drosophila
>gi|1036816844|ref|XP_017137417.1| PREDICTED: IQ and AAA domain-containing protein 1-like isof
>gi|1036816863|ref|XP_017137418.1| PREDICTED: IQ and AAA domain-containing protein 1-like isof
>gi|1036816903|ref|XP_017137421.1| PREDICTED: IQ and AAA domain-containing protein 1-like isof
>gi|1036816882|ref|XP_017137420.1| PREDICTED: IQ and AAA domain-containing protein 1-like isof
>gi|1036816926|ref|XP_017137422.1| PREDICTED: opioid-binding protein/cell adhesion molecule-li
>gi|1036835442|ref|XP_017138450.1| PREDICTED: uncharacterized protein LOC108153158 [Drosophila
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>gi|1036831455|ref|XP_017138235.1| PREDICTED: membrane-bound transcription factor site-1 protection
>gi|1036845372|ref|XP_017139005.1| PREDICTED: transcription factor AP-2-epsilon isoform X6 [Dref|XP_017139005.1]
>gi|1036845336|ref|XP_017139003.1| PREDICTED: transcription factor AP-2-epsilon isoform X4 [Dref|XP_017139003.1]
>gi|1036845317|ref|XP_017139001.1| PREDICTED: transcription factor AP-2-epsilon isoform X3 [Dr
>gi|1036845280|ref|XP 017138999.1| PREDICTED: transcription factor AP-2-epsilon isoform X1 [Dref|XP 017138999.1]
>gi|1036845355|ref|XP_017139004.1| PREDICTED: transcription factor AP-2-epsilon isoform X5 [Dr
>gi|1036845298|ref|XP_017139000.1| PREDICTED: transcription factor AP-2-epsilon isoform X2 [Dr
>gi|1036841786|ref|XP_017138821.1| PREDICTED: ER membrane protein complex subunit 10 [Drosophi
>gi|1036814985|ref|XP_017137310.1| PREDICTED: uncharacterized protein LOC108152457 [Drosophila
>gi|1036815006|ref|XP_017137311.1| PREDICTED: alanine--glyoxylate aminotransferase 2, mitochon-
>gi|1036815027|ref|XP_017137312.1| PREDICTED: alanine--glyoxylate aminotransferase 2, mitochon
>gi|1036815048|ref|XP_017137313.1| PREDICTED: transmembrane protein 64 [Drosophila miranda]
>gi|1036844266|ref|XP_017138950.1| PREDICTED: uncharacterized protein LOC108153445 isoform X1
>gi|1036844285|ref|XP_017138951.1| PREDICTED: uncharacterized protein LOC108153445 isoform X1
>gi|1036844304|ref|XP_017138952.1| PREDICTED: uncharacterized protein LOC108153445 isoform X2
>gi|1036834508|ref|XP_017138394.1| PREDICTED: transcription elongation factor, mitochondrial [
>gi|1036834527|ref|XP_017138395.1| PREDICTED: protein maelstrom 1 [Drosophila miranda]
>gi|1036817710|ref|XP_017137465.1| PREDICTED: serine/arginine repetitive matrix protein 1 [Dros
>gi|1036817674|ref|XP_017137463.1| PREDICTED: ADP-ribosylation factor GTPase-activating protein
>gi|1036817691|ref|XP_017137464.1| PREDICTED: ADP-ribosylation factor GTPase-activating protein
>gi|1036817782|ref|XP_017137469.1| PREDICTED: translation initiation factor IF-2 isoform X4 [Di
>gi|1036817763|ref|XP_017137468.1| PREDICTED: salt stress root protein RS1 isoform X3 [Drosoph
>gi|1036817746|ref|XP_017137467.1| PREDICTED: translation initiation factor IF-2 isoform X2 [Di
>gi|1036817729|ref|XP_017137466.1| PREDICTED: salt stress root protein RS1 isoform X1 [Drosoph
>gi|1036760087|ref|XP_017156874.1| PREDICTED: cell wall protein TIR3-like [Drosophila miranda]
>gi|1036769608|ref|XP_017134749.1| PREDICTED: protein new-glue 1-like [Drosophila miranda]
>gi|1036760104|ref|XP_017156877.1| PREDICTED: protein new-glue 2-like [Drosophila miranda]
>gi|1036768041|ref|XP_017134660.1| PREDICTED: uncharacterized protein LOC108150868 [Drosophila
>gi|1036760124|ref|XP_017156878.1| PREDICTED: uncharacterized protein LOC108165355 [Drosophila
>gi|1036760145|ref|XP_017156879.1| PREDICTED: circadian clock-controlled protein [Drosophila m
>gi|1036839884|ref|XP_017138710.1| PREDICTED: ribonuclease P protein subunit p29-like [Drosoph
>gi|1036839903|ref|XP_017138711.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop
>gi|1036839922|ref|XP 017138712.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop.
>gi|1036839943|ref|XP_017138713.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop
>gi|1036763368|ref|XP 017157062.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop
>gi|1036770903|ref|XP_017134820.1| PREDICTED: uncharacterized protein LOC108150985 [Drosophila
>gi|1036760162|ref|XP_017156880.1| PREDICTED: uncharacterized protein LOC108165357 [Drosophila
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>gi|1036760200|ref|XP_017156882.1| PREDICTED: uncharacterized protein LOC108165359 [Drosophila
>gi|1036770922|ref|XP_017134821.1| PREDICTED: uncharacterized protein LOC108150986 [Drosophila
>gi|1036760218|ref|XP_017156884.1| PREDICTED: uncharacterized protein LOC108165360 [Drosophila
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>gi|1036760256|ref|XP 017156886.1| PREDICTED: uncharacterized protein LOC108165362 [Drosophila
>gi|1036760275|ref|XP_017156887.1| PREDICTED: uncharacterized protein LOC108165363 [Drosophila
>gi|1036760296|ref|XP_017156888.1| PREDICTED: uncharacterized protein LOC108165364 [Drosophila
>gi|1036760315|ref|XP_017156889.1| PREDICTED: putative uncharacterized protein DDB_G0282129 [Di
>gi|1036852232|ref|XP_017139398.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036850112|ref|XP_017139271.1| PREDICTED: thioredoxin reductase 2, mitochondrial [Drosophi
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>gi|1036766462|ref|XP_017134576.1| PREDICTED: uncharacterized protein LOC108150786 [Drosophila
>gi|1036760334|ref|XP_017156890.1| PREDICTED: uncharacterized protein LOC108165366 [Drosophila
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>gi|1036852195|ref|XP_017139396.1| PREDICTED: uncharacterized protein LOC108153768 [Drosophila
>gi|1036852214|ref|XP 017139397.1| PREDICTED: uncharacterized protein LOC108153770 [Drosophila
>gi|1036766504|ref|XP_017134578.1| PREDICTED: uncharacterized protein LOC108150788 [Drosophila
>gi|1036760395|ref|XP_017156893.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036851018|ref|XP_017139322.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
>gi|1036840279|ref|XP_017138733.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
>gi|1036840335|ref|XP_017138736.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
>gi|1036840314|ref|XP_017138735.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
>gi|1036840296|ref|XP 017138734.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
>gi|1036840261|ref|XP_017138732.1| PREDICTED: cilia- and flagella-associated protein 45 [Droso
>gi|1036773303|ref|XP_017134957.1| PREDICTED: teneurin-m isoform X1 [Drosophila miranda]
>gi|1036773322|ref|XP_017134958.1| PREDICTED: teneurin-m isoform X2 [Drosophila miranda]
>gi|1036773341|ref|XP_017134959.1| PREDICTED: teneurin-m isoform X3 [Drosophila miranda]
>gi|1036773360|ref|XP_017134960.1| PREDICTED: teneurin-m isoform X4 [Drosophila miranda]
>gi|1036819799|ref|XP_017137581.1| PREDICTED: isoleucine--tRNA ligase, cytoplasmic [Drosophila
>gi|1036821237|ref|XP_017137654.1| PREDICTED: DDB1- and CUL4-associated factor 8 [Drosophila m
>gi|1036821218|ref|XP 017137652.1| PREDICTED: dynein heavy chain 12, axonemal [Drosophila mirat
>gi|1036772576|ref|XP_017134916.1| PREDICTED: ankyrin-1 [Drosophila miranda]
>gi|1036772595|ref|XP 017134917.1| PREDICTED: DNA polymerase delta small subunit [Drosophila m
>gi|1036772637|ref|XP_017134920.1| PREDICTED: U6 snRNA-associated Sm-like protein LSm8 [Drosop
>gi|1036772616|ref|XP_017134918.1| PREDICTED: 39S ribosomal protein L46, mitochondrial [Drosop
>gi|1036772538|ref|XP_017134914.1| PREDICTED: spectrin alpha chain isoform X4 [Drosophila mirated
>gi|1036772521|ref|XP_017134913.1| PREDICTED: spectrin alpha chain isoform X3 [Drosophila mirated
>gi|1036772503|ref|XP_017134912.1| PREDICTED: spectrin alpha chain isoform X2 [Drosophila mirated
>gi|1036772486|ref|XP_017134911.1| PREDICTED: spectrin alpha chain isoform X1 [Drosophila mirated
>gi|1036772557|ref|XP_017134915.1| PREDICTED: protein disks lost [Drosophila miranda]
>gi|1036836935|ref|XP_017138538.1| PREDICTED: LOW QUALITY PROTEIN: ragulator complex protein L
>gi|1036836916|ref|XP_017138537.1| PREDICTED: vacuolar fusion protein CCZ1 homolog [Drosophila
>gi|1036844517|ref|XP_017138963.1| PREDICTED: polyubiquitin [Drosophila miranda]
>gi|1036821406|ref|XP 017137662.1| PREDICTED: very-long-chain enoyl-CoA reductase [Drosophila 1
>gi|1036821385|ref|XP_017137661.1| PREDICTED: anaphase-promoting complex subunit 5 [Drosophila
>gi|1036821425|ref|XP 017137664.1| PREDICTED: mitochondrial import receptor subunit TOM22 homo
>gi|1036839718|ref|XP_017138701.1| PREDICTED: calcium-binding protein E63-1 isoform X2 [Drosop
>gi|1036839699|ref|XP_017138700.1| PREDICTED: calcium-binding protein E63-1 isoform X1 [Drosop.
>gi|1036839735|ref|XP_017138702.1| PREDICTED: calcium-binding protein E63-1 isoform X3 [Drosop
>gi|1036839792|ref|XP_017138705.1| PREDICTED: calcium-binding protein E63-1 isoform X6 [Drosop.
>gi|1036839773|ref|XP_017138704.1| PREDICTED: calcium-binding protein E63-1 isoform X5 [Drosop
>gi|1036839754|ref|XP_017138703.1| PREDICTED: calcium-binding protein E63-1 isoform X4 [Drosop
>gi|1036845762|ref|XP_017139019.1| PREDICTED: transmembrane protein C5orf28 homolog [Drosophile
>gi|1036843132|ref|XP 017138885.1| PREDICTED: aldose reductase [Drosophila miranda]
>gi|1036843077|ref|XP_017138882.1| PREDICTED: filaggrin [Drosophila miranda]
>gi|1036843095|ref|XP_017138883.1| PREDICTED: filaggrin [Drosophila miranda]
>gi|1036843114|ref|XP_017138884.1| PREDICTED: filaggrin [Drosophila miranda]
>gi|1036770382|ref|XP_017134792.1| PREDICTED: F-box/LRR-repeat protein 17 [Drosophila miranda]
>gi|1036766809|ref|XP_017134595.1| PREDICTED: uncharacterized protein LOC108150802 [Drosophila
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>gi|1036841357|ref|XP_017138795.1| PREDICTED: zinc finger protein 37 isoform X1 [Drosophila mi
>gi|1036841374|ref|XP_017138796.1| PREDICTED: zinc finger protein 37 isoform X1 [Drosophila mi
>gi|1036841393|ref|XP_017138797.1| PREDICTED: zinc finger protein 37 isoform X1 [Drosophila mi
>gi|1036841412|ref|XP_017138798.1| PREDICTED: zinc finger protein 37 isoform X1 [Drosophila mi
>gi|1036841432|ref|XP_017138799.1| PREDICTED: zinc finger protein 37 isoform X1 [Drosophila mi
>gi|1036841451|ref|XP_017138800.1| PREDICTED: zinc finger protein 2 isoform X2 [Drosophila mire
>gi|1036838087|ref|XP_017138609.1| PREDICTED: zinc finger protein rotund [Drosophila miranda]
>gi|1036844972|ref|XP_017138980.1| PREDICTED: MIT domain-containing protein 1 [Drosophila mirated]
>gi|1036824637|ref|XP_017137846.1| PREDICTED: fork head domain-containing protein FD2 isoform
>gi|1036824658|ref|XP_017137848.1| PREDICTED: fork head domain-containing protein FD2 isoform
>gi|1036824677|ref|XP_017137849.1| PREDICTED: mitochondrial ubiquitin ligase activator of NFKB
>gi|1036824617|ref|XP_017137845.1| PREDICTED: FGGY carbohydrate kinase domain-containing prote
>gi|1036800785|ref|XP_017136530.1| PREDICTED: uncharacterized protein LOC108152042 [Drosophila
>gi|1036800745|ref|XP_017136528.1| PREDICTED: adenosine 3'-phospho 5'-phosphosulfate transport
>gi|1036800692|ref|XP_017136525.1| PREDICTED: calcium homeostasis endoplasmic reticulum protei
>gi|1036800728|ref|XP_017136527.1| PREDICTED: calcium homeostasis endoplasmic reticulum protei
>gi|1036800710|ref|XP_017136526.1| PREDICTED: calcium homeostasis endoplasmic reticulum protei
>gi|1036800766|ref|XP_017136529.1| PREDICTED: probable malonyl-CoA-acyl carrier protein transa
>gi|1036842385|ref|XP_017138842.1| PREDICTED: uncharacterized protein LOC108153380 [Drosophila
>gi|1036842367|ref|XP 017138841.1| PREDICTED: uncharacterized protein LOC108153379 [Drosophila
>gi|1036795458|ref|XP_017136229.1| PREDICTED: unc-112-related protein [Drosophila miranda]
>gi|1036795476|ref|XP 017136230.1| PREDICTED: unc-112-related protein [Drosophila miranda]
>gi|1036795494|ref|XP_017136231.1| PREDICTED: uncharacterized protein LOC108151858 [Drosophila
>gi|1036795439|ref|XP_017136228.1| PREDICTED: ribosome biogenesis protein BMS1 homolog [Drosop
>gi|1036833429|ref|XP_017138344.1| PREDICTED: coiled-coil domain-containing protein 6 [Drosoph
>gi|1036824982|ref|XP_017137863.1| PREDICTED: acetyl-coenzyme A transporter 1 [Drosophila mirated
>gi|1036825001|ref|XP_017137864.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036811610|ref|XP_017137128.1| PREDICTED: glutamate synthase [NADH], amyloplastic isoform
>gi|1036811592|ref|XP_017137126.1| PREDICTED: glutamate synthase [NADH], amyloplastic isoform
>gi|1036811629|ref|XP_017137129.1| PREDICTED: glutamate synthase 1 [NADH], chloroplastic isofo
>gi|1036811648|ref|XP_017137130.1| PREDICTED: glutamate synthase 1 [NADH], chloroplastic isofo
>gi|1036811667|ref|XP_017137131.1| PREDICTED: glutamate synthase 1 [NADH], chloroplastic isofo
>gi|1036831019|ref|XP 017138210.1| PREDICTED: nuclear migration protein nudC [Drosophila mirane
>gi|1036831038|ref|XP_017138211.1| PREDICTED: vitellogenin-2 isoform X1 [Drosophila miranda]
>gi|1036831057|ref|XP 017138212.1| PREDICTED: vitellogenin-2 isoform X2 [Drosophila miranda]
>gi|1036831075|ref|XP_017138213.1| PREDICTED: vitellogenin-2 isoform X2 [Drosophila miranda]
>gi|1036796359|ref|XP_017136279.1| PREDICTED: zinc finger protein CG2199 [Drosophila miranda]
>gi|1036796378|ref|XP_017136280.1| PREDICTED: uncharacterized protein LOC108151890 [Drosophila
>gi|1036796397|ref|XP_017136281.1| PREDICTED: uncharacterized protein LOC108151891 [Drosophila
>gi|1036796418|ref|XP_017136282.1| PREDICTED: uncharacterized protein LOC108151892 [Drosophila
>gi|1036796488|ref|XP_017136286.1| PREDICTED: uncharacterized protein LOC108151895 [Drosophila
>gi|1036796456|ref|XP_017136284.1| PREDICTED: acyl carrier protein, mitochondrial isoform X2 [
>gi|1036796471|ref|XP_017136285.1| PREDICTED: acyl carrier protein, mitochondrial isoform X3 [
>gi|1036796437|ref|XP_017136283.1| PREDICTED: acyl carrier protein, mitochondrial isoform X1 [
>gi|1036776981|ref|XP_017135164.1| PREDICTED: myosin-IB isoform X1 [Drosophila miranda]
>gi|1036776998|ref|XP_017135165.1| PREDICTED: myosin-IB isoform X2 [Drosophila miranda]
>gi|1036777069|ref|XP_017135170.1| PREDICTED: annexin A11 isoform X1 [Drosophila miranda]
>gi|1036777087|ref|XP_017135171.1| PREDICTED: annexin A7 isoform X2 [Drosophila miranda]
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>gi|1036776963|ref|XP_017135163.1| PREDICTED: probable E3 ubiquitin-protein ligase HERC4 isofo
>gi|1036776945|ref|XP_017135162.1| PREDICTED: probable E3 ubiquitin-protein ligase HERC4 isofo
>gi|1036776926|ref|XP_017135161.1| PREDICTED: probable E3 ubiquitin-protein ligase HERC4 isofo
>gi|1036776908|ref|XP_017135160.1| PREDICTED: probable E3 ubiquitin-protein ligase HERC4 isofo
>gi|1036777050|ref|XP 017135168.1| PREDICTED: lipid droplet-associated hydrolase [Drosophila m
>gi|1036776889|ref|XP_017135159.1| PREDICTED: RNA polymerase-associated protein CTR9 homolog [
>gi|1036777012|ref|XP 017135166.1| PREDICTED: 5'-nucleotidase domain-containing protein 1 [Dros
>gi|1036777031|ref|XP_017135167.1| PREDICTED: acetyl-CoA acetyltransferase, cytosolic [Drosoph
>gi|1036835217|ref|XP_017138436.1| PREDICTED: ras-related protein Rac1 [Drosophila miranda]
>gi|1036841651|ref|XP_017138812.1| PREDICTED: calumenin [Drosophila miranda]
>gi|1036836224|ref|XP_017138497.1| PREDICTED: rab5 GDP/GTP exchange factor [Drosophila miranda]
>gi|1036852560|ref|XP_017139418.1| PREDICTED: E3 ubiquitin-protein ligase msl-2-like [Drosophi
>gi|1036828205|ref|XP_017138047.1| PREDICTED: uncharacterized protein LOC108152907 isoform X2
>gi|1036828148|ref|XP_017138044.1| PREDICTED: uncharacterized protein LOC108152907 isoform X1
>gi|1036828167|ref|XP_017138045.1| PREDICTED: uncharacterized protein LOC108152907 isoform X1
>gi|1036828186|ref|XP_017138046.1| PREDICTED: uncharacterized protein LOC108152907 isoform X1
>gi|1036828224|ref|XP_017138048.1| PREDICTED: uncharacterized protein LOC108152907 isoform X3
>gi|1036850398|ref|XP_017139286.1| PREDICTED: uncharacterized protein LOC108153681 isoform X1
>gi|1036850417|ref|XP_017139288.1| PREDICTED: perlucin isoform X2 [Drosophila miranda]
>gi|1036827133|ref|XP 017137985.1| PREDICTED: uncharacterized protein LOC108152866 [Drosophila
>gi|1036827114|ref|XP_017137983.1| PREDICTED: uncharacterized protein LOC108152865 [Drosophila
>gi|1036827057|ref|XP_017137980.1| PREDICTED: phosphatidylinositide phosphatase SAC1 isoform X
>gi|1036827076|ref|XP_017137981.1| PREDICTED: phosphatidylinositide phosphatase SAC1 isoform X
>gi|1036827095|ref|XP_017137982.1| PREDICTED: phosphatidylinositide phosphatase SAC1 isoform X
>gi|1036807280|ref|XP_017136893.1| PREDICTED: kinesin-like protein Klp61F isoform X2 [Drosophi
>gi|1036807263|ref|XP_017136892.1| PREDICTED: kinesin-like protein Klp61F isoform X1 [Drosophi
>gi|1036807299|ref|XP_017136894.1| PREDICTED: uncharacterized protein LOC108152223 [Drosophila
>gi|1036807317|ref|XP_017136895.1| PREDICTED: uncharacterized protein LOC108152223 [Drosophila
>gi|1036826333|ref|XP_017137938.1| PREDICTED: UBX domain-containing protein 4 [Drosophila mirated]
>gi|1036826352|ref|XP_017137939.1| PREDICTED: ribonuclease Oy [Drosophila miranda]
>gi|1036847978|ref|XP_017139145.1| PREDICTED: homeotic protein empty spiracles [Drosophila mire
>gi|1036810752|ref|XP_017137081.1| PREDICTED: signal recognition particle 9 kDa protein [Droso
>gi|1036810564|ref|XP_017137071.1| PREDICTED: JNK-interacting protein 3 isoform X1 [Drosophila
>gi|1036810583|ref|XP_017137072.1| PREDICTED: JNK-interacting protein 3 isoform X2 [Drosophila
>gi|1036810602|ref|XP_017137073.1| PREDICTED: JNK-interacting protein 3 isoform X3 [Drosophila
>gi|1036810677|ref|XP_017137077.1| PREDICTED: JNK-interacting protein 3 isoform X7 [Drosophila
>gi|1036810640|ref|XP_017137075.1| PREDICTED: JNK-interacting protein 3 isoform X5 [Drosophila
>gi|1036810621|ref|XP_017137074.1| PREDICTED: JNK-interacting protein 3 isoform X4 [Drosophila
>gi|1036810696|ref|XP_017137078.1| PREDICTED: JNK-interacting protein 3 isoform X8 [Drosophila
>gi|1036810714|ref|XP_017137079.1| PREDICTED: JNK-interacting protein 3 isoform X9 [Drosophila
>gi|1036810659|ref|XP_017137076.1| PREDICTED: JNK-interacting protein 3 isoform X6 [Drosophila
>gi|1036810733|ref|XP_017137080.1| PREDICTED: JNK-interacting protein 3 isoform X10 [Drosophile
>gi|1036836561|ref|XP_017138518.1| PREDICTED: transmembrane protein 43 homolog [Drosophila mire
>gi|1036836579|ref|XP_017138519.1| PREDICTED: uncharacterized protein LOC108153208 [Drosophila
>gi|1036798749|ref|XP_017136415.1| PREDICTED: protein ECT2 [Drosophila miranda]
>gi|1036798768|ref|XP_017136416.1| PREDICTED: eukaryotic translation initiation factor 4E [Dros
>gi|1036760408|ref|XP_017156894.1| PREDICTED: uncharacterized protein LOC108165369 [Drosophila
>gi|1036810295|ref|XP_017137055.1| PREDICTED: hepatic leukemia factor isoform X11 [Drosophila 1
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>gi|1036810312|ref|XP_017137056.1| PREDICTED: hepatic leukemia factor isoform X12 [Drosophila i
>gi|1036810329|ref|XP_017137058.1| PREDICTED: hepatic leukemia factor isoform X13 [Drosophila i
>gi|1036810113|ref|XP_017137045.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X1
>gi|1036810150|ref|XP_017137047.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X3
>gi|1036810222|ref|XP 017137051.1| PREDICTED: uncharacterized protein DDB G0283357 isoform X7
>gi|1036810132|ref|XP_017137046.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X2
>gi|1036810169|ref|XP 017137048.1| PREDICTED: uncharacterized protein DDB G0283357 isoform X4
>gi|1036810187|ref|XP_017137049.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X5
>gi|1036810205|ref|XP_017137050.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X6
>gi|1036810278|ref|XP_017137054.1| PREDICTED: DNA N6-methyl adenine demethylase isoform X10 [D:
>gi|1036810242|ref|XP_017137052.1| PREDICTED: transcription factor mef2A isoform X8 [Drosophile
>gi|1036810261|ref|XP_017137053.1| PREDICTED: transcription factor mef2A isoform X9 [Drosophile
>gi|1036832589|ref|XP_017138296.1| PREDICTED: uncharacterized protein LOC108153045 [Drosophila
>gi|1036832606|ref|XP_017138297.1| PREDICTED: uncharacterized protein LOC108153045 [Drosophila
>gi|1036760426|ref|XP_017156895.1| PREDICTED: circadian locomoter output cycles protein kaput
>gi|1036837419|ref|XP_017138568.1| PREDICTED: protein henna [Drosophila miranda]
>gi|1036837401|ref|XP_017138567.1| PREDICTED: uncharacterized protein LOC108153239 isoform X2
>gi|1036837382|ref|XP_017138566.1| PREDICTED: fibrillin-1 isoform X1 [Drosophila miranda]
>gi|1036837435|ref|XP_017138569.1| PREDICTED: heat shock protein 27 [Drosophila miranda]
>gi|1036760445|ref|XP 017156896.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036848732|ref|XP_017139187.1| PREDICTED: sensory neuron membrane protein 2 isoform X2 [Dr
>gi|1036848695|ref|XP 017139185.1| PREDICTED: sensory neuron membrane protein 2 isoform X1 [Dref|XP 017139185.1]
>gi|1036848713|ref|XP_017139186.1| PREDICTED: sensory neuron membrane protein 2 isoform X1 [Dr
>gi|1036848750|ref|XP_017139188.1| PREDICTED: sensory neuron membrane protein 2 isoform X3 [Dr
>gi|1036848771|ref|XP_017139189.1| PREDICTED: sensory neuron membrane protein 2 isoform X4 [Dr
>gi|1036847236|ref|XP_017139103.1| PREDICTED: uncharacterized protein LOC108153548 isoform X1
>gi|1036847253|ref|XP_017139104.1| PREDICTED: uncharacterized protein LOC108153548 isoform X2
>gi|1036760462|ref|XP_017156897.1| PREDICTED: probable serine/threonine-protein kinase DDB_G02
>gi|1036806315|ref|XP_017136838.1| PREDICTED: transcription initiation factor TFIID subunit 4
>gi|1036806333|ref|XP_017136839.1| PREDICTED: transcription initiation factor TFIID subunit 4
>gi|1036806375|ref|XP_017136841.1| PREDICTED: transcription initiation factor TFIID subunit 4
>gi|1036806394|ref|XP_017136843.1| PREDICTED: transcription initiation factor TFIID subunit 4
>gi|1036806352|ref|XP_017136840.1| PREDICTED: transcription initiation factor TFIID subunit 4
>gi|1036822288|ref|XP_017137712.1| PREDICTED: WASH complex subunit strumpellin homolog [Drosop
>gi|1036822307|ref|XP 017137713.1| PREDICTED: phosphoglucomutase [Drosophila miranda]
>gi|1036799926|ref|XP_017136480.1| PREDICTED: LOW QUALITY PROTEIN: nuclear pore complex protein
>gi|1036799944|ref|XP 017136481.1| PREDICTED: translocon-associated protein subunit beta [Dros
>gi|1036799960|ref|XP_017136482.1| PREDICTED: probable trafficking protein particle complex su
>gi|1036799907|ref|XP_017136479.1| PREDICTED: ATPase family AAA domain-containing protein 5 [Di
>gi|1036799977|ref|XP_017136484.1| PREDICTED: cytochrome b5 [Drosophila miranda]
>gi|1036779161|ref|XP_017135297.1| PREDICTED: P17/29C-like protein DDB_G0287399 [Drosophila mi
>gi|1036779181|ref|XP_017135298.1| PREDICTED: P17/29C-like protein DDB_G0287399 [Drosophila mi
>gi|1036779144|ref|XP 017135296.1| PREDICTED: LOW QUALITY PROTEIN: protein arginine N-methyltr
>gi|1036779443|ref|XP_017135313.1| PREDICTED: uncharacterized protein LOC108151290 isoform X4
>gi|1036779425|ref|XP_017135312.1| PREDICTED: uncharacterized protein LOC108151290 isoform X3
>gi|1036779459|ref|XP_017135314.1| PREDICTED: uncharacterized protein LOC108151290 isoform X5
>gi|1036779406|ref|XP_017135311.1| PREDICTED: uncharacterized protein LOC108151290 isoform X2
>gi|1036779387|ref|XP_017135310.1| PREDICTED: uncharacterized protein LOC108151290 isoform X1
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>gi|1036760478|ref|XP_017156898.1| PREDICTED: uncharacterized protein LOC108165373 [Drosophila
>gi|1036760495|ref|XP_017156900.1| PREDICTED: homeotic protein female sterile [Drosophila mirates
>gi|1036779107|ref|XP_017135294.1| PREDICTED: U3 small nucleolar RNA-associated protein 4 homo
>gi|1036779199|ref|XP_017135299.1| PREDICTED: protein disulfide-isomerase TMX3 isoform X1 [Dros
>gi|1036779218|ref|XP 017135300.1| PREDICTED: protein disulfide-isomerase TMX3 isoform X2 [Dro
>gi|1036779604|ref|XP_017135323.1| PREDICTED: programmed cell death protein 5 [Drosophila mirated
>gi|1036779641|ref|XP 017135325.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036779348|ref|XP_017135308.1| PREDICTED: iron-sulfur cluster co-chaperone protein HscB, m
>gi|1036779237|ref|XP_017135301.1| PREDICTED: gamma-glutamyl hydrolase isoform X1 [Drosophila i
>gi|1036779256|ref|XP_017135303.1| PREDICTED: gamma-glutamyl hydrolase A isoform X2 [Drosophile
>gi|1036779312|ref|XP_017135306.1| PREDICTED: gamma-glutamyl hydrolase isoform X1 [Drosophila 1
>gi|1036779329|ref|XP_017135307.1| PREDICTED: gamma-glutamyl hydrolase A isoform X2 [Drosophile
>gi|1036779293|ref|XP_017135305.1| PREDICTED: homeobox protein 5 [Drosophila miranda]
>gi|1036779274|ref|XP_017135304.1| PREDICTED: dentin sialophosphoprotein [Drosophila miranda]
>gi|1036779819|ref|XP_017135336.1| PREDICTED: uncharacterized protein LOC108151309 isoform X2
>gi|1036779804|ref|XP_017135335.1| PREDICTED: uncharacterized protein LOC108151309 isoform X1
>gi|1036779909|ref|XP_017135342.1| PREDICTED: uncharacterized protein LOC108151314 [Drosophila
>gi|1036779928|ref|XP_017135343.1| PREDICTED: uncharacterized protein LOC108151315 [Drosophila
>gi|1036760511|ref|XP_017156901.1| PREDICTED: uncharacterized protein LOC108165375 [Drosophila
>gi|1036779854|ref|XP 017135339.1| PREDICTED: cuticle protein 38 [Drosophila miranda]
>gi|1036779124|ref|XP_017135295.1| PREDICTED: leucine-rich repeat-containing G-protein coupled
>gi|1036779660|ref|XP 017135327.1| PREDICTED: vitelline membrane protein Vm26Ab [Drosophila mi
>gi|1036779837|ref|XP_017135337.1| PREDICTED: EMI domain-containing protein 1 [Drosophila mirated]
>gi|1036779945|ref|XP_017135344.1| PREDICTED: uncharacterized protein LOC108151316 [Drosophila
>gi|1036779513|ref|XP_017135318.1| PREDICTED: cuticle protein 10.6 [Drosophila miranda]
>gi|1036779549|ref|XP_017135320.1| PREDICTED: glycine-rich protein [Drosophila miranda]
>gi|1036779873|ref|XP_017135340.1| PREDICTED: uncharacterized protein LOC108151312 [Drosophila
>gi|1036779476|ref|XP_017135316.1| PREDICTED: cuticle protein 38 [Drosophila miranda]
>gi|1036760529|ref|XP_017156902.1| PREDICTED: pollen-specific leucine-rich repeat extensin-lik
>gi|1036760545|ref|XP_017156903.1| PREDICTED: vitelline membrane protein Vm26Ab [Drosophila mi
>gi|1036779368|ref|XP_017135309.1| PREDICTED: transcription factor btd [Drosophila miranda]
>gi|1036760563|ref|XP_017156904.1| PREDICTED: extensin-3 [Drosophila miranda]
>gi|1036779568|ref|XP_017135321.1| PREDICTED: cuticle protein 10.6 [Drosophila miranda]
>gi|1036779714|ref|XP_017135330.1| PREDICTED: uncharacterized protein LOC108151305 [Drosophila
>gi|1036779532|ref|XP 017135319.1| PREDICTED: pupal cuticle protein C1B [Drosophila miranda]
>gi|1036779587|ref|XP_017135322.1| PREDICTED: cuticle protein LPCP-23 [Drosophila miranda]
>gi|1036779733|ref|XP_017135331.1| PREDICTED: pupal cuticle protein C1B [Drosophila miranda]
>gi|1036779752|ref|XP_017135332.1| PREDICTED: uncharacterized protein LOC108151307 [Drosophila
>gi|1036779771|ref|XP_017135333.1| PREDICTED: uncharacterized protein LOC108151307 [Drosophila
>gi|1036779789|ref|XP_017135334.1| PREDICTED: uncharacterized protein LOC108151307 [Drosophila
>gi|1036779697|ref|XP_017135329.1| PREDICTED: uncharacterized histidine-rich protein DDB_G0274
>gi|1036779891|ref|XP_017135341.1| PREDICTED: neuropeptide-like 3 [Drosophila miranda]
>gi|1036779679|ref|XP 017135328.1| PREDICTED: uncharacterized protein LOC108151303 [Drosophila
>gi|1036779622|ref|XP_017135324.1| PREDICTED: pupal cuticle protein Edg-84A-like [Drosophila m
>gi|1036779964|ref|XP_017135346.1| PREDICTED: uncharacterized protein LOC108151317 [Drosophila
>gi|1036779494|ref|XP_017135317.1| PREDICTED: cuticle protein LPCP-23 [Drosophila miranda]
>gi|1036768478|ref|XP_017134684.1| PREDICTED: cuticle protein [Drosophila miranda]
>gi|1036766977|ref|XP_017134605.1| PREDICTED: uncharacterized protein LOC108150811 [Drosophila
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>gi|1036767983|ref|XP_017134657.1| PREDICTED: uncharacterized protein LOC108150865 [Drosophila
>gi|1036851525|ref|XP_017139354.1| PREDICTED: E3 ubiquitin-protein ligase TRIM33 [Drosophila m
>gi|1036851506|ref|XP_017139352.1| PREDICTED: trimeric intracellular cation channel type B [Dref|XP_017139352.1]
>gi|1036760581|ref|XP_017156905.1| PREDICTED: uncharacterized protein LOC108165379 [Drosophila
>gi|1036851180|ref|XP 017139332.1| PREDICTED: uncharacterized protein LOC108153716 [Drosophila
>gi|1036851199|ref|XP_017139333.1| PREDICTED: uncharacterized protein LOC108153717 [Drosophila
>gi|1036827712|ref|XP 017138019.1| PREDICTED: uncharacterized protein LOC108152891 isoform X2
>gi|1036827694|ref|XP_017138018.1| PREDICTED: uncharacterized protein LOC108152891 isoform X1
>gi|1036760600|ref|XP_017156907.1| PREDICTED: protein anoxia up-regulated [Drosophila miranda]
>gi|1036827750|ref|XP_017138022.1| PREDICTED: uncharacterized protein LOC108152893 [Drosophila
>gi|1036827731|ref|XP_017138020.1| PREDICTED: coiled-coil domain-containing protein 186 [Droso
>gi|1036837536|ref|XP_017138575.1| PREDICTED: probable tRNA N6-adenosine threonylcarbamoyltran
>gi|1036837573|ref|XP_017138578.1| PREDICTED: alcohol dehydrogenase isoform X2 [Drosophila mire
>gi|1036837554|ref|XP_017138576.1| PREDICTED: alcohol dehydrogenase isoform X1 [Drosophila mire
>gi|1036837594|ref|XP_017138579.1| PREDICTED: TPPP family protein CG45057 isoform X1 [Drosophi
>gi|1036837611|ref|XP_017138580.1| PREDICTED: TPPP family protein CG45057 isoform X2 [Drosophi
>gi|1036767887|ref|XP_017134651.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1036770141|ref|XP_017134777.1| PREDICTED: adult-specific rigid cuticular protein 15.7 [Dros
>gi|1036760618|ref|XP_017156908.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1036851237|ref|XP 017139336.1| PREDICTED: alcohol dehydrogenase-like [Drosophila miranda]
>gi|1036779038|ref|XP_017135289.1| PREDICTED: roquin-1 [Drosophila miranda]
>gi|1036779055|ref|XP 017135291.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase g
>gi|1036779071|ref|XP_017135292.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase g
>gi|1036778929|ref|XP_017135283.1| PREDICTED: uncharacterized protein LOC108151271 isoform X1
>gi|1036778981|ref|XP_017135286.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase g
>gi|1036778999|ref|XP_017135287.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase g
>gi|1036779017|ref|XP_017135288.1| PREDICTED: bromodomain-containing protein 4 [Drosophila mire
>gi|1036778945|ref|XP_017135284.1| PREDICTED: uncharacterized protein LOC108151271 isoform X2
>gi|1036778963|ref|XP_017135285.1| PREDICTED: uncharacterized protein LOC108151271 isoform X3
>gi|1036779088|ref|XP_017135293.1| PREDICTED: uncharacterized protein LOC108151276 [Drosophila
>gi|1036811725|ref|XP_017137133.1| PREDICTED: failed axon connections isoform X2 [Drosophila m
>gi|1036811706|ref|XP_017137132.1| PREDICTED: failed axon connections isoform X1 [Drosophila m
>gi|1036775285|ref|XP_017135068.1| PREDICTED: serine incorporator 1 isoform X1 [Drosophila mire
>gi|1036775304|ref|XP_017135069.1| PREDICTED: serine incorporator 1 isoform X2 [Drosophila mire
>gi|1036775322|ref|XP_017135070.1| PREDICTED: serine incorporator 1 isoform X3 [Drosophila mire
>gi|1036775251|ref|XP_017135065.1| PREDICTED: probable glutamate--tRNA ligase, mitochondrial [
>gi|1036775233|ref|XP_017135064.1| PREDICTED: tyrosine--tRNA ligase, cytoplasmic [Drosophila m
>gi|1036775161|ref|XP_017135060.1| PREDICTED: elongation factor-like GTPase 1 [Drosophila mirated]
>gi|1036775178|ref|XP_017135061.1| PREDICTED: uncharacterized protein LOC108151146 [Drosophila
>gi|1036775269|ref|XP_017135066.1| PREDICTED: protein giant-lens [Drosophila miranda]
>gi|1036775215|ref|XP_017135063.1| PREDICTED: proton-coupled folate transporter [Drosophila mi
>gi|1036775379|ref|XP_017135073.1| PREDICTED: pupal cuticle protein C1B-like [Drosophila mirane
>gi|1036775398|ref|XP_017135074.1| PREDICTED: pupal cuticle protein C1B-like [Drosophila miran
>gi|1036775196|ref|XP_017135062.1| PREDICTED: protein scarlet [Drosophila miranda]
>gi|1036775086|ref|XP_017135056.1| PREDICTED: uncharacterized protein LOC108151144 isoform X1
>gi|1036775105|ref|XP_017135057.1| PREDICTED: adenylate cyclase type 5 isoform X2 [Drosophila i
>gi|1036775124|ref|XP_017135058.1| PREDICTED: adenylate cyclase type 5 isoform X2 [Drosophila i
>gi|1036775143|ref|XP_017135059.1| PREDICTED: adenylate cyclase type 5 isoform X2 [Drosophila 1
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>gi|1036775339|ref|XP_017135071.1| PREDICTED: uncharacterized protein LOC108151154 [Drosophila
>gi|1036775358|ref|XP_017135072.1| PREDICTED: uncharacterized protein LOC108151154 [Drosophila
>gi|1036760636|ref|XP_017156909.1| PREDICTED: uncharacterized protein LOC108165382 [Drosophila
>gi|1036789499|ref|XP_017135893.1| PREDICTED: multiple inositol polyphosphate phosphatase 1 [Di
>gi|1036789588|ref|XP 017135898.1| PREDICTED: LOW QUALITY PROTEIN: endothelial differentiation
>gi|1036789606|ref|XP_017135900.1| PREDICTED: nuclear RNA export factor 2 [Drosophila miranda]
>gi|1036789553|ref|XP_017135896.1| PREDICTED: survival motor neuron protein [Drosophila mirand
>gi|1036789537|ref|XP_017135895.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 8 [
>gi|1036789518|ref|XP_017135894.1| PREDICTED: cytochrome b-c1 complex subunit 2, mitochondrial
>gi|1036789571|ref|XP_017135897.1| PREDICTED: syntaxin-8 [Drosophila miranda]
>gi|1036835974|ref|XP_017138482.1| PREDICTED: polycomb group RING finger protein 3 [Drosophila
>gi|1036835989|ref|XP_017138483.1| PREDICTED: female-specific protein transformer [Drosophila 1
>gi|1036780737|ref|XP_017135389.1| PREDICTED: probable GPI-anchored adhesin-like protein PGA55
>gi|1036780755|ref|XP_017135390.1| PREDICTED: importin-4 [Drosophila miranda]
>gi|1036780826|ref|XP_017135395.1| PREDICTED: ADP-ribose pyrophosphatase, mitochondrial isoform
>gi|1036780808|ref|XP_017135394.1| PREDICTED: ADP-ribose pyrophosphatase, mitochondrial isoform
>gi|1036780843|ref|XP_017135396.1| PREDICTED: proteasome subunit beta type-1 [Drosophila miran-
>gi|1036780861|ref|XP_017135397.1| PREDICTED: protein twisted gastrulation [Drosophila miranda
>gi|1036780772|ref|XP_017135391.1| PREDICTED: RNA-binding protein 45 isoform X1 [Drosophila mi
>gi|1036780790|ref|XP_017135392.1| PREDICTED: RNA-binding protein 45 isoform X2 [Drosophila mi
>gi|1036811554|ref|XP_017137124.1| PREDICTED: general transcription factor IIE subunit 2 [Dros
>gi|1036811496|ref|XP_017137121.1| PREDICTED: chitooligosaccharidolytic beta-N-acetylglucosami:
>gi|1036811515|ref|XP_017137122.1| PREDICTED: chitooligosaccharidolytic beta-N-acetylglucosami:
>gi|1036811573|ref|XP_017137125.1| PREDICTED: transmembrane protein 50A [Drosophila miranda]
>gi|1036811535|ref|XP_017137123.1| PREDICTED: nucleolin 2 [Drosophila miranda]
>gi|1036795399|ref|XP_017136226.1| PREDICTED: LOW QUALITY PROTEIN: salivary glue protein Sgs-3
>gi|1036795380|ref|XP_017136225.1| PREDICTED: sorting nexin lst-4 [Drosophila miranda]
>gi|1036795418|ref|XP_017136227.1| PREDICTED: COPII coat assembly protein SEC16 [Drosophila mi
>gi|1036822794|ref|XP_017137740.1| PREDICTED: uncharacterized protein LOC108152717 isoform X1
>gi|1036822813|ref|XP_017137742.1| PREDICTED: uncharacterized protein LOC108152717 isoform X2
>gi|1036822870|ref|XP_017137745.1| PREDICTED: trafficking protein particle complex subunit 3 [
>gi|1036822832|ref|XP_017137743.1| PREDICTED: nuclear transcription factor Y subunit alpha [Dref|XP_017137743.1]
>gi|1036822851|ref|XP_017137744.1| PREDICTED: nuclear transcription factor Y subunit alpha [Dref|XP_017137744.1]
>gi|1036829711|ref|XP_017138131.1| PREDICTED: TOM1-like protein 2 isoform X1 [Drosophila miran-
>gi|1036829789|ref|XP 017138136.1| PREDICTED: TOM1-like protein 2 isoform X5 [Drosophila miran
>gi|1036829730|ref|XP_017138132.1| PREDICTED: TOM1-like protein 2 isoform X2 [Drosophila miran-
>gi|1036829749|ref|XP_017138133.1| PREDICTED: TOM1-like protein 2 isoform X3 [Drosophila miran
>gi|1036829770|ref|XP_017138134.1| PREDICTED: TOM1-like protein 2 isoform X4 [Drosophila miran
>gi|1036829808|ref|XP_017138137.1| PREDICTED: uncharacterized protein LOC108152949 [Drosophila
>gi|1036778100|ref|XP_017135233.1| PREDICTED: uncharacterized protein LOC108151243 [Drosophila
>gi|1036778020|ref|XP_017135228.1| PREDICTED: uncharacterized protein LOC108151239 [Drosophila
>gi|1036778084|ref|XP_017135232.1| PREDICTED: SAC3 domain-containing protein 1 [Drosophila mire
>gi|1036778068|ref|XP_017135231.1| PREDICTED: GDP-D-glucose phosphorylase 1 [Drosophila mirand
>gi|1036778051|ref|XP_017135230.1| PREDICTED: queuine tRNA-ribosyltransferase subunit QTRTD1 h
>gi|1036778132|ref|XP_017135235.1| PREDICTED: uncharacterized protein LOC108151244 isoform X2
>gi|1036778116|ref|XP_017135234.1| PREDICTED: probable serine/threonine-protein kinase nek3 is
>gi|1036787226|ref|XP_017135762.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase isozyme L5
>gi|1036787207|ref|XP_017135761.1| PREDICTED: mucin-19 [Drosophila miranda]
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>gi|1036787243|ref|XP_017135763.1| PREDICTED: F-box only protein 28 [Drosophila miranda]
>gi|1036760655|ref|XP_017156910.1| PREDICTED: uncharacterized protein LOC108165383 [Drosophila
>gi|1036795286|ref|XP_017136220.1| PREDICTED: proton-coupled amino acid transporter 2 isoform
>gi|1036795305|ref|XP_017136221.1| PREDICTED: proton-coupled amino acid transporter 2 isoform
>gi|1036795322|ref|XP 017136223.1| PREDICTED: leucine-rich repeat-containing protein 59 [Droso
>gi|1036795343|ref|XP_017136224.1| PREDICTED: 40S ribosomal protein S9 [Drosophila miranda]
>gi|1036768060|ref|XP 017134661.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036836076|ref|XP_017138488.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1036836095|ref|XP_017138489.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1036836059|ref|XP_017138487.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1036833285|ref|XP_017138336.1| PREDICTED: CCR4-NOT transcription complex subunit 7 isoform
>gi|1036833303|ref|XP_017138337.1| PREDICTED: CCR4-NOT transcription complex subunit 7 isoform
>gi|1036805840|ref|XP_017136815.1| PREDICTED: PAX-interacting protein 1 [Drosophila miranda]
>gi|1036788020|ref|XP_017135809.1| PREDICTED: uncharacterized protein LOC108151621 [Drosophila
>gi|1036788039|ref|XP_017135810.1| PREDICTED: uncharacterized protein LOC108151621 [Drosophila
>gi|1036836954|ref|XP_017138539.1| PREDICTED: nitrogen permease regulator 3-like protein [Drose
>gi|1036835497|ref|XP_017138453.1| PREDICTED: zinc finger protein 391 isoform X1 [Drosophila m
>gi|1036835516|ref|XP_017138454.1| PREDICTED: zinc finger protein 425 isoform X2 [Drosophila m
>gi|1036760672|ref|XP_017156911.1| PREDICTED: uncharacterized zinc finger protein CG2678 [Dros
>gi|1036836540|ref|XP 017138515.1| PREDICTED: probable 28S ribosomal protein S6, mitochondrial
>gi|1036836502|ref|XP_017138513.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036836521|ref|XP 017138514.1| PREDICTED: probable RNA methyltransferase CG11342 [Drosophi
>gi|1036843837|ref|XP_017138927.1| PREDICTED: beta-2 adrenergic receptor [Drosophila miranda]
>gi|1036766845|ref|XP_017134597.1| PREDICTED: uncharacterized protein LOC108150805 [Drosophila
>gi|1036844247|ref|XP_017138949.1| PREDICTED: uncharacterized protein LOC108153444 isoform X2
>gi|1036844228|ref|XP_017138948.1| PREDICTED: uncharacterized protein LOC108153444 isoform X1
>gi|1036835592|ref|XP_017138459.1| PREDICTED: syntaxin-17 [Drosophila miranda]
>gi|1036835611|ref|XP_017138460.1| PREDICTED: protein LLP homolog [Drosophila miranda]
>gi|1036824507|ref|XP_017137839.1| PREDICTED: ras guanine nucleotide exchange factor V isoform
>gi|1036824526|ref|XP_017137840.1| PREDICTED: ras guanine nucleotide exchange factor V isoform
>gi|1036824545|ref|XP_017137841.1| PREDICTED: ras guanine nucleotide exchange factor V isoform
>gi|1036824562|ref|XP_017137842.1| PREDICTED: ras guanine nucleotide exchange factor V isoform
>gi|1036824488|ref|XP 017137838.1| PREDICTED: uncharacterized protein LOC108152771 [Drosophila
>gi|1036842053|ref|XP_017138826.1| PREDICTED: acetylcholine receptor subunit beta-like 1 isofo
>gi|1036842034|ref|XP 017138825.1| PREDICTED: acetylcholine receptor subunit beta-like 1 isofo
>gi|1036851781|ref|XP_017139369.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036767905|ref|XP 017134652.1| PREDICTED: cyclin-dependent kinase inhibitor 1C [Drosophila
>gi|1036767944|ref|XP_017134654.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036760691|ref|XP_017156912.1| PREDICTED: early nodulin-75 [Drosophila miranda]
>gi|1036760709|ref|XP_017156913.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036760728|ref|XP_017156914.1| PREDICTED: uncharacterized protein LOC108165388 [Drosophila
>gi|1036851033|ref|XP_017139324.1| PREDICTED: extensin-3 [Drosophila miranda]
>gi|1036851069|ref|XP 017139326.1| PREDICTED: uncharacterized protein LOC108153710 isoform X1
>gi|1036851088|ref|XP_017139327.1| PREDICTED: uncharacterized protein LOC108153710 isoform X2
>gi|1036851050|ref|XP_017139325.1| PREDICTED: skin secretory protein xP2 [Drosophila miranda]
>gi|1036852490|ref|XP_017139413.1| PREDICTED: uncharacterized protein LOC108153782 isoform X1
>gi|1036852508|ref|XP_017139414.1| PREDICTED: uncharacterized protein LOC108153782 isoform X2
>gi|1036760744|ref|XP_017156915.1| PREDICTED: uncharacterized protein LOC108165389 [Drosophila
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>gi|1036851164|ref|XP 017139331.1| PREDICTED: LOW QUALITY PROTEIN: extensin-2 [Drosophila mirat
>gi|1036846273|ref|XP_017139047.1| PREDICTED: extensin-3 [Drosophila miranda]
>gi|1036769665|ref|XP_017134753.1| PREDICTED: glycine and tyrosine-rich protein [Drosophila mi
>gi|1036760763|ref|XP_017156916.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036850470|ref|XP 017139291.1| PREDICTED: uncharacterized protein LOC108153684 isoform X1
>gi|1036850487|ref|XP_017139292.1| PREDICTED: uncharacterized protein LOC108153684 isoform X1
>gi|1036850506|ref|XP 017139293.1| PREDICTED: uncharacterized protein LOC108153684 isoform X1
>gi|1036850542|ref|XP_017139295.1| PREDICTED: uncharacterized protein LOC108153684 isoform X3
>gi|1036850525|ref|XP_017139294.1| PREDICTED: uncharacterized protein LOC108153684 isoform X2
>gi|1036850559|ref|XP_017139296.1| PREDICTED: uncharacterized protein LOC108153684 isoform X4
>gi|1036844062|ref|XP_017138938.1| PREDICTED: LOW QUALITY PROTEIN: mucin-5AC, partial [Drosoph
>gi|1036760782|ref|XP_017156918.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036819139|ref|XP_017137546.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036819160|ref|XP_017137547.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036819181|ref|XP_017137548.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036819219|ref|XP_017137551.1| PREDICTED: uncharacterized protein LOC108152603 isoform X1
>gi|1036819240|ref|XP_017137552.1| PREDICTED: uncharacterized protein LOC108152603 isoform X2
>gi|1036819200|ref|XP_017137549.1| PREDICTED: beta-1,3-galactosyltransferase 5 [Drosophila mire
>gi|1036844097|ref|XP_017138940.1| PREDICTED: band 7 protein AGAP004871 isoform X2 [Drosophila
>gi|1036844081|ref|XP 017138939.1| PREDICTED: band 7 protein AGAP004871 isoform X1 [Drosophila
>gi|1036844171|ref|XP_017138945.1| PREDICTED: band 7 protein AGAP004871 isoform X6 [Drosophila
>gi|1036844153|ref|XP_017138944.1| PREDICTED: band 7 protein AGAP004871 isoform X5 [Drosophila
>gi|1036844190|ref|XP_017138946.1| PREDICTED: band 7 protein AGAP004871 isoform X7 [Drosophila
>gi|1036844115|ref|XP_017138941.1| PREDICTED: band 7 protein AGAP004871 isoform X3 [Drosophila
>gi|1036844134|ref|XP_017138942.1| PREDICTED: band 7 protein AGAP004871 isoform X4 [Drosophila
>gi|1036805165|ref|XP_017136776.1| PREDICTED: tyrosine-protein kinase Src64B isoform X2 [Droso
>gi|1036805146|ref|XP_017136775.1| PREDICTED: tyrosine-protein kinase Src64B isoform X1 [Droso
>gi|1036826750|ref|XP_017137963.1| PREDICTED: histone deacetylase Rpd3 isoform X1 [Drosophila i
>gi|1036826769|ref|XP_017137964.1| PREDICTED: histone deacetylase Rpd3 isoform X2 [Drosophila 1
>gi|1036819572|ref|XP_017137568.1| PREDICTED: uncharacterized protein LOC108152614 isoform X1
>gi|1036819591|ref|XP_017137569.1| PREDICTED: uncharacterized protein LOC108152614 isoform X1
>gi|1036819666|ref|XP_017137574.1| PREDICTED: contactin-associated protein-like 2 isoform X5 [
>gi|1036819742|ref|XP_017137578.1| PREDICTED: CASP-like protein 4U1 [Drosophila miranda]
>gi|1036819628|ref|XP_017137572.1| PREDICTED: uncharacterized protein LOC108152614 isoform X3
>gi|1036819610|ref|XP 017137570.1| PREDICTED: uncharacterized protein LOC108152614 isoform X2
>gi|1036819647|ref|XP_017137573.1| PREDICTED: contactin-associated protein-like 2 isoform X4 [
>gi|1036819685|ref|XP_017137575.1| PREDICTED: probable tubulin polyglutamylase TTLL1 [Drosophi
>gi|1036819704|ref|XP_017137576.1| PREDICTED: uncharacterized protein LOC108152616 [Drosophila
>gi|1036819723|ref|XP_017137577.1| PREDICTED: uncharacterized protein LOC108152617 [Drosophila
>gi|1036810941|ref|XP_017137092.1| PREDICTED: uncharacterized protein LOC108152340 [Drosophila
>gi|1036810998|ref|XP_017137096.1| PREDICTED: uncharacterized protein LOC108152343 [Drosophila
>gi|1036810979|ref|XP_017137095.1| PREDICTED: uncharacterized protein LOC108152342 [Drosophila
>gi|1036810960|ref|XP_017137093.1| PREDICTED: uncharacterized protein LOC108152341 [Drosophila
>gi|1036810884|ref|XP_017137089.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036810903|ref|XP_017137090.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036810922|ref|XP_017137091.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036852017|ref|XP_017139385.1| PREDICTED: platelet glycoprotein V isoform X3 [Drosophila m
>gi|1036851998|ref|XP_017139384.1| PREDICTED: platelet glycoprotein V isoform X2 [Drosophila m
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>gi|1036851981|ref|XP_017139383.1| PREDICTED: platelet glycoprotein V isoform X1 [Drosophila m
>gi|1036852036|ref|XP_017139386.1| PREDICTED: leucine-rich repeat-containing protein 15 isoform
>gi|1036794285|ref|XP_017136163.1| PREDICTED: uncharacterized oxidoreductase YjmC [Drosophila 1
>gi|1036794247|ref|XP_017136161.1| PREDICTED: dynein heavy chain, cytoplasmic isoform X3 [Dros
>gi|1036794266|ref|XP 017136162.1| PREDICTED: dynein heavy chain, cytoplasmic isoform X4 [Dros
>gi|1036794211|ref|XP_017136159.1| PREDICTED: dynein heavy chain, cytoplasmic isoform X1 [Dros
>gi|1036794229|ref|XP_017136160.1| PREDICTED: dynein heavy chain, cytoplasmic isoform X2 [Dros
>gi|1036828986|ref|XP_017138091.1| PREDICTED: probable leucine--tRNA ligase, mitochondrial [Dr
>gi|1036828966|ref|XP_017138090.1| PREDICTED: uncharacterized protein LOC108152921 [Drosophila
>gi|1036848806|ref|XP_017139191.1| PREDICTED: uncharacterized protein LOC108153606 isoform X2
>gi|1036848787|ref|XP_017139190.1| PREDICTED: uncharacterized protein LOC108153606 isoform X1
>gi|1036839865|ref|XP_017138709.1| PREDICTED: dynein heavy chain 3, axonemal [Drosophila mirane
>gi|1036766102|ref|XP_017134558.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036849445|ref|XP_017139230.1| PREDICTED: uncharacterized protein LOC108153637 [Drosophila
>gi|1036848457|ref|XP_017139171.1| PREDICTED: ammonium transporter Rh type B [Drosophila miran
>gi|1036842480|ref|XP_017138848.1| PREDICTED: connectin [Drosophila miranda]
>gi|1036842499|ref|XP_017138849.1| PREDICTED: ubiquitin-conjugating enzyme E2 L3 [Drosophila m
>gi|1036842517|ref|XP_017138850.1| PREDICTED: uncharacterized protein LOC108153387 [Drosophila
>gi|1036760801|ref|XP_017156919.1| PREDICTED: uncharacterized protein LOC108165392 [Drosophila
>gi|1036845189|ref|XP 017138994.1| PREDICTED: uncharacterized protein LOC108153473 [Drosophila
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>gi|1036815106|ref|XP_017137317.1| PREDICTED: uncharacterized protein LOC108152463 [Drosophila
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>gi|1036815296|ref|XP_017137328.1| PREDICTED: lysozyme D-like [Drosophila miranda]
>gi|1036815395|ref|XP_017137333.1| PREDICTED: lysozyme B-like [Drosophila miranda]
>gi|1036815374|ref|XP_017137332.1| PREDICTED: lysozyme D-like isoform X2 [Drosophila miranda]
>gi|1036815355|ref|XP 017137331.1| PREDICTED: lysozyme D-like isoform X1 [Drosophila miranda]
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>gi|1036815334|ref|XP_017137330.1| PREDICTED: lysozyme A/C-like isoform X2 [Drosophila miranda
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>gi|1036797356|ref|XP_017136336.1| PREDICTED: uncharacterized protein LOC108151926 isoform X1
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>gi|1036818816|ref|XP_017137527.1| PREDICTED: WD repeat-containing protein 78 [Drosophila mirates
>gi|1036807754|ref|XP_017136918.1| PREDICTED: 3-phosphoinositide-dependent protein kinase 1 is
>gi|1036807770|ref|XP_017136919.1| PREDICTED: 3-phosphoinositide-dependent protein kinase 1 is
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>gi|1036775912|ref|XP_017135101.1| PREDICTED: probable phospholipid hydroperoxide glutathione
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>gi|1036775857|ref|XP_017135098.1| PREDICTED: nicotinamide riboside kinase 2 [Drosophila miran-
>gi|1036775948|ref|XP_017135103.1| PREDICTED: dolichol phosphate-mannose biosynthesis regulator
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>gi|1036774210|ref|XP_017135011.1| PREDICTED: nucleosome-remodeling factor subunit NURF301 ison
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>gi|1036774152|ref|XP_017135008.1| PREDICTED: nucleosome-remodeling factor subunit NURF301 iso
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>gi|1036802718|ref|XP_017136638.1| PREDICTED: ATP-dependent RNA helicase p62-like [Drosophila i
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>gi|1036837292|ref|XP_017138560.1| PREDICTED: uncharacterized protein LOC108153234 [Drosophila
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>gi|1036777378|ref|XP_017135188.1| PREDICTED: 39S ribosomal protein L17, mitochondrial [Drosop:
>gi|1036777361|ref|XP_017135187.1| PREDICTED: DNA replication complex GINS protein PSF1 [Droso
>gi|1036777342|ref|XP_017135186.1| PREDICTED: staphylococcal nuclease domain-containing protein
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>gi|1036765116|ref|XP_017157153.1| PREDICTED: ankyrin-1 isoform X1 [Drosophila miranda]
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>gi|1036765166|ref|XP_017157156.1| PREDICTED: uncharacterized protein LOC108165592 [Drosophila
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>gi|1036765079|ref|XP_017157151.1| PREDICTED: transient receptor potential channel pyrexia [Dref|XP_017157151.1| PREDICTED: transient receptor potential channel pyrexia [Dref|XP_017157151.1]
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>gi|1036785592|ref|XP_017135673.1| PREDICTED: BTB/POZ domain-containing protein 10 [Drosophila
>gi|1036796958|ref|XP_017136313.1| PREDICTED: PHD finger protein rhinoceros [Drosophila mirand
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>gi|1036810451|ref|XP_017137065.1| PREDICTED: serine/threonine-protein kinase NLK isoform X1 [
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>gi|1036833910|ref|XP_017138362.1| PREDICTED: ribonuclease P protein subunit p29 [Drosophila m
>gi|1036833893|ref|XP_017138361.1| PREDICTED: UBX domain-containing protein 1 [Drosophila mirated]
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>gi|1036810405|ref|XP_017137062.1| PREDICTED: regulator of chromosome condensation [Drosophila
>gi|1036810392|ref|XP_017137061.1| PREDICTED: LOW QUALITY PROTEIN: motile sperm domain-contain
>gi|1036810419|ref|XP_017137063.1| PREDICTED: motile sperm domain-containing protein 2 [Drosop
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>gi|1036833823|ref|XP_017138356.1| PREDICTED: ribosome biogenesis regulatory protein homolog [
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>gi|1036838372|ref|XP_017138625.1| PREDICTED: DNA polymerase epsilon subunit 2 [Drosophila mire
>gi|1036827576|ref|XP_017138012.1| PREDICTED: transcription factor btd [Drosophila miranda]
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>gi|1036827557|ref|XP_017138011.1| PREDICTED: protein vein isoform X5 [Drosophila miranda]
>gi|1036827489|ref|XP_017138006.1| PREDICTED: protein vein isoform X1 [Drosophila miranda]
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>gi|1036825903|ref|XP_017137913.1| PREDICTED: protein TANC2 isoform X5 [Drosophila miranda]
>gi|1036758102|ref|XP_017156757.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1036842109|ref|XP_017138829.1| PREDICTED: isovaleryl-CoA dehydrogenase, mitochondrial [Droplet | No. 100 | No. 1
>gi|1036815963|ref|XP_017137364.1| PREDICTED: uncharacterized protein LOC108152501 isoform X1
>gi|1036815981|ref|XP_017137365.1| PREDICTED: uncharacterized protein LOC108152501 isoform X1
>gi|1036816038|ref|XP_017137369.1| PREDICTED: uncharacterized protein LOC108152501 isoform X4
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>gi|1036816002|ref|XP_017137367.1| PREDICTED: uncharacterized protein LOC108152501 isoform X2
>gi|1036816114|ref|XP_017137373.1| PREDICTED: uncharacterized protein LOC108152501 isoform X7
>gi|1036816077|ref|XP_017137371.1| PREDICTED: uncharacterized protein LOC108152501 isoform X6
>gi|1036816095|ref|XP_017137372.1| PREDICTED: uncharacterized protein LOC108152501 isoform X6
>gi|1036816019|ref|XP 017137368.1| PREDICTED: uncharacterized protein LOC108152501 isoform X3
>gi|1036816056|ref|XP_017137370.1| PREDICTED: uncharacterized protein LOC108152501 isoform X5
>gi|1036816133|ref|XP 017137374.1| PREDICTED: negative elongation factor E [Drosophila miranda]
>gi|1036829693|ref|XP_017138130.1| PREDICTED: 60S ribosomal protein L14 [Drosophila miranda]
>gi|1036829674|ref|XP 017138129.1| PREDICTED: LETM1 domain-containing protein 1 [Drosophila mi
>gi|1036818740|ref|XP_017137523.1| PREDICTED: uncharacterized protein LOC108152587 [Drosophila
>gi|1036818639|ref|XP_017137517.1| PREDICTED: cytosol aminopeptidase [Drosophila miranda]
>gi|1036818656|ref|XP_017137518.1| PREDICTED: cytosol aminopeptidase [Drosophila miranda]
>gi|1036818677|ref|XP_017137519.1| PREDICTED: TBC1 domain family member 13 isoform X1 [Drosoph
>gi|1036818719|ref|XP_017137522.1| PREDICTED: TBC1 domain family member 13 isoform X3 [Drosoph
>gi|1036818698|ref|XP_017137520.1| PREDICTED: TBC1 domain family member 13 isoform X2 [Drosoph
>gi|1036802318|ref|XP_017136619.1| PREDICTED: uncharacterized protein LOC108152090 isoform X1
>gi|1036802337|ref|XP_017136620.1| PREDICTED: uncharacterized protein LOC108152090 isoform X2
>gi|1036802391|ref|XP_017136623.1| PREDICTED: uncharacterized protein LOC108152090 isoform X5
>gi|1036802409|ref|XP_017136624.1| PREDICTED: uncharacterized protein LOC108152090 isoform X6
>gi|1036802355|ref|XP 017136621.1| PREDICTED: uncharacterized protein LOC108152090 isoform X3
>gi|1036802373|ref|XP_017136622.1| PREDICTED: PDZ and LIM domain protein 2 isoform X4 [Drosoph
>gi|1036802428|ref|XP 017136625.1| PREDICTED: PDZ and LIM domain protein 4 isoform X7 [Drosoph
>gi|1036802447|ref|XP_017136626.1| PREDICTED: uncharacterized protein LOC108152090 isoform X8
>gi|1036802466|ref|XP 017136627.1| PREDICTED: uncharacterized protein LOC108152090 isoform X9
>gi|1036802485|ref|XP_017136628.1| PREDICTED: uncharacterized protein LOC108152090 isoform X10
>gi|1036802299|ref|XP_017136618.1| PREDICTED: cell division control protein 6 homolog [Drosoph
>gi|1036802628|ref|XP_017136633.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036802680|ref|XP_017136635.1| PREDICTED: putative uncharacterized protein DDB_G0294196 is
>gi|1036802661|ref|XP_017136634.1| PREDICTED: putative uncharacterized protein DDB_G0294196 is
>gi|1036802572|ref|XP 017136630.1| PREDICTED: phosrestin-1 [Drosophila miranda]
>gi|1036802609|ref|XP_017136632.1| PREDICTED: peroxisomal targeting signal 2 receptor [Drosoph
>gi|1036802590|ref|XP_017136631.1| PREDICTED: protein hairy [Drosophila miranda]
>gi|1036761020|ref|XP 017156932.1| PREDICTED: selenide, water dikinase-like [Drosophila mirand
>gi|1036802110|ref|XP_017136607.1| PREDICTED: signal recognition particle receptor subunit beta
>gi|1036802129|ref|XP 017136608.1| PREDICTED: tail-anchored protein insertion receptor WRB [Dref
>gi|1036802057|ref|XP_017136606.1| PREDICTED: erythroid differentiation-related factor 1 [Dros
>gi|1036802147|ref|XP 017136609.1| PREDICTED: chorion protein S18 [Drosophila miranda]
>gi|1036766994|ref|XP_017134606.1| PREDICTED: chorion protein S15 [Drosophila miranda]
>gi|1036766884|ref|XP_017134600.1| PREDICTED: chorion protein S19 [Drosophila miranda]
>gi|1036766406|ref|XP_017134571.1| PREDICTED: chorion protein S16 [Drosophila miranda]
>gi|1036836335|ref|XP_017138503.1| PREDICTED: paramyosin, long form isoform X1 [Drosophila mire
>gi|1036836354|ref|XP_017138505.1| PREDICTED: paramyosin, short form isoform X2 [Drosophila mi
>gi|1036836373|ref|XP 017138506.1| PREDICTED: uncharacterized protein LOC108153198 [Drosophila
>gi|1036836392|ref|XP_017138507.1| PREDICTED: uncharacterized protein LOC108153198 [Drosophila
>gi|1036836411|ref|XP_017138508.1| PREDICTED: uncharacterized protein LOC108153198 [Drosophila
>gi|1036809164|ref|XP_017136995.1| PREDICTED: uncharacterized protein LOC108152288 isoform X1
>gi|1036809221|ref|XP_017136997.1| PREDICTED: uncharacterized protein LOC108152288 isoform X3
>gi|1036809200|ref|XP_017136996.1| PREDICTED: uncharacterized protein LOC108152288 isoform X2
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>gi|1036809297|ref|XP_017137000.1| PREDICTED: uncharacterized protein LOC108152289 [Drosophila
>gi|1036809242|ref|XP_017136998.1| PREDICTED: FH1/FH2 domain-containing protein 1 isoform X4 [
>gi|1036809278|ref|XP_017136999.1| PREDICTED: FH1/FH2 domain-containing protein 3 isoform X5 [
>gi|1036809316|ref|XP_017137001.1| PREDICTED: acyl-CoA-binding protein [Drosophila miranda]
>gi|1036761038|ref|XP 017156933.1| PREDICTED: uncharacterized protein LOC108165406 [Drosophila
>gi|1036761052|ref|XP_017156934.1| PREDICTED: thioredoxin-related transmembrane protein 1-like
>gi|1036764149|ref|XP 017157103.1| PREDICTED: uncharacterized protein LOC108165540 [Drosophila
>gi|1036761068|ref|XP_017156935.1| PREDICTED: mucin-5AC-like [Drosophila miranda]
>gi|1036847066|ref|XP_017139094.1| PREDICTED: uncharacterized protein LOC108153539 [Drosophila
>gi|1036847047|ref|XP_017139092.1| PREDICTED: spore coat protein SP96 [Drosophila miranda]
>gi|1036850895|ref|XP_017139316.1| PREDICTED: uncharacterized protein LOC108153700 [Drosophila
>gi|1036850913|ref|XP_017139317.1| PREDICTED: uncharacterized protein LOC108153701 [Drosophila
>gi|1036816630|ref|XP_017137405.1| PREDICTED: division abnormally delayed protein [Drosophila 1
>gi|1036816611|ref|XP_017137404.1| PREDICTED: nascent polypeptide-associated complex subunit a
>gi|1036826844|ref|XP_017137968.1| PREDICTED: DNA replication licensing factor Mcm7 [Drosophile
>gi|1036826825|ref|XP_017137967.1| PREDICTED: transient receptor potential cation channel subf
>gi|1036826806|ref|XP_017137966.1| PREDICTED: transient receptor potential cation channel subf
>gi|1036826788|ref|XP 017137965.1| PREDICTED: transient receptor potential cation channel subf
>gi|1036849397|ref|XP_017139226.1| PREDICTED: fer-1-like protein 6 [Drosophila miranda]
>gi|1036836244|ref|XP 017138498.1| PREDICTED: tetraspanin-9 [Drosophila miranda]
>gi|1036836262|ref|XP_017138499.1| PREDICTED: tetraspanin-9 [Drosophila miranda]
>gi|1036783249|ref|XP_017135537.1| PREDICTED: peptidyl-prolyl cis-trans isomerase D [Drosophile
>gi|1036783174|ref|XP_017135533.1| PREDICTED: protein furry isoform X7 [Drosophila miranda]
>gi|1036783155|ref|XP_017135532.1| PREDICTED: protein furry isoform X6 [Drosophila miranda]
>gi|1036783117|ref|XP_017135530.1| PREDICTED: protein furry isoform X4 [Drosophila miranda]
>gi|1036783099|ref|XP_017135529.1| PREDICTED: protein furry isoform X3 [Drosophila miranda]
>gi|1036783083|ref|XP_017135527.1| PREDICTED: protein furry isoform X2 [Drosophila miranda]
>gi|1036783068|ref|XP_017135526.1| PREDICTED: protein furry isoform X1 [Drosophila miranda]
>gi|1036783212|ref|XP_017135535.1| PREDICTED: protein furry isoform X9 [Drosophila miranda]
>gi|1036783136|ref|XP_017135531.1| PREDICTED: protein furry isoform X5 [Drosophila miranda]
>gi|1036783193|ref|XP_017135534.1| PREDICTED: protein furry isoform X8 [Drosophila miranda]
>gi|1036783266|ref|XP_017135538.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036783286|ref|XP 017135539.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036783230|ref|XP_017135536.1| PREDICTED: uncharacterized protein LOC108151437 [Drosophila
>gi|1036830828|ref|XP 017138198.1| PREDICTED: UPF0046 protein C25E10.12 [Drosophila miranda]
>gi|1036830809|ref|XP_017138197.1| PREDICTED: tubulin alpha-4 chain [Drosophila miranda]
>gi|1036830847|ref|XP_017138199.1| PREDICTED: uncharacterized protein LOC108152984 [Drosophila
>gi|1036817059|ref|XP_017137429.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X4
>gi|1036817040|ref|XP_017137428.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X3
>gi|1036817098|ref|XP_017137431.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X6
>gi|1036817079|ref|XP_017137430.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X5
>gi|1036817021|ref|XP_017137427.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X2
>gi|1036817003|ref|XP_017137426.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X1
>gi|1036817135|ref|XP_017137434.1| PREDICTED: sperm flagellar protein 1-like [Drosophila miran
>gi|1036817117|ref|XP_017137432.1| PREDICTED: ubiquitin-conjugating enzyme E2-22 kDa [Drosophi
>gi|1036816983|ref|XP_017137425.1| PREDICTED: uncharacterized protein KIAA1841 homolog [Drosop
>gi|1036834860|ref|XP_017138416.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834823|ref|XP_017138414.1| PREDICTED: eukaryotic translation initiation factor 4E isof
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>gi|1036834768|ref|XP_017138410.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834841|ref|XP_017138415.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834787|ref|XP 017138411.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834879|ref|XP_017138417.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834806|ref|XP 017138413.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834898|ref|XP_017138418.1| PREDICTED: sentrin-specific protease 1-like [Drosophila mire
>gi|1036828817|ref|XP_017138081.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1036803828|ref|XP_017136700.1| PREDICTED: tyrosine-protein kinase Abl isoform X1 [Drosophi
>gi|1036803901|ref|XP_017136704.1| PREDICTED: tyrosine-protein kinase Abl isoform X5 [Drosophi
>gi|1036803862|ref|XP_017136702.1| PREDICTED: tyrosine-protein kinase Abl isoform X3 [Drosophi
>gi|1036803844|ref|XP_017136701.1| PREDICTED: tyrosine-protein kinase Abl isoform X2 [Drosophi
>gi|1036803881|ref|XP_017136703.1| PREDICTED: tyrosine-protein kinase Abl isoform X4 [Drosophi
>gi|1036819929|ref|XP_017137587.1| PREDICTED: protein Mo25 [Drosophila miranda]
>gi|1036819966|ref|XP_017137589.1| PREDICTED: protein anon-73B1 [Drosophila miranda]
>gi|1036819947|ref|XP_017137588.1| PREDICTED: prostaglandin E synthase 2 [Drosophila miranda]
>gi|1036820833|ref|XP_017137632.1| PREDICTED: ribosome biogenesis protein BRX1 homolog [Drosop
>gi|1036820815|ref|XP_017137631.1| PREDICTED: CTL-like protein 1 [Drosophila miranda]
>gi|1036766826|ref|XP_017134596.1| PREDICTED: uncharacterized protein LOC108150804 [Drosophila
>gi|1036835079|ref|XP_017138429.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036835098|ref|XP 017138430.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036835116|ref|XP_017138431.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036835134|ref|XP 017138432.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036828909|ref|XP_017138087.1| PREDICTED: V-type proton ATPase subunit e 2 [Drosophila mire
>gi|1036828894|ref|XP_017138086.1| PREDICTED: zinc finger matrin-type protein 2 [Drosophila mi
>gi|1036828876|ref|XP_017138084.1| PREDICTED: protein ABHD16A [Drosophila miranda]
>gi|1036763440|ref|XP_017157066.1| PREDICTED: uncharacterized protein LOC108165519 isoform X2
>gi|1036763425|ref|XP_017157065.1| PREDICTED: uncharacterized protein LOC108165519 isoform X1
>gi|1036761085|ref|XP_017156937.1| PREDICTED: uncharacterized protein LOC108165409 [Drosophila
>gi|1036780681|ref|XP_017135386.1| PREDICTED: NF-X1-type zinc finger protein NFXL1 [Drosophila
>gi|1036780700|ref|XP_017135387.1| PREDICTED: PQ-loop repeat-containing protein 3 [Drosophila i
>gi|1036780662|ref|XP_017135385.1| PREDICTED: F-box/WD repeat-containing protein 7 [Drosophila
>gi|1036780718|ref|XP_017135388.1| PREDICTED: kinesin-like protein KIF23 [Drosophila miranda]
>gi|1036843149|ref|XP 017138886.1| PREDICTED: sulfide:quinone oxidoreductase, mitochondrial [Di
>gi|1036785666|ref|XP_017135677.1| PREDICTED: neural/ectodermal development factor IMP-L2 isof
>gi|1036785685|ref|XP 017135678.1| PREDICTED: neural/ectodermal development factor IMP-L2 isof
>gi|1036785647|ref|XP_017135676.1| PREDICTED: neurobeachin-like protein 1 isoform X2 [Drosophi
>gi|1036785628|ref|XP 017135675.1| PREDICTED: neurobeachin-like protein 1 isoform X1 [Drosophi
>gi|1036785704|ref|XP_017135679.1| PREDICTED: larval cuticle protein A3A [Drosophila miranda]
>gi|1036785742|ref|XP_017135682.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1036785759|ref|XP_017135683.1| PREDICTED: larval cuticle protein A3A [Drosophila miranda]
>gi|1036785723|ref|XP_017135681.1| PREDICTED: cuticle protein 7 [Drosophila miranda]
>gi|1036758120|ref|XP_017156758.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036807493|ref|XP 017136904.1| PREDICTED: protein tipE [Drosophila miranda]
>gi|1036807512|ref|XP_017136905.1| PREDICTED: protein tipE [Drosophila miranda]
>gi|1036807531|ref|XP_017136906.1| PREDICTED: protein tipE [Drosophila miranda]
>gi|1036807552|ref|XP_017136907.1| PREDICTED: protein tipE [Drosophila miranda]
>gi|1036807644|ref|XP_017136912.1| PREDICTED: V-type proton ATPase subunit e [Drosophila miran-
>gi|1036807571|ref|XP_017136908.1| PREDICTED: uncharacterized protein LOC108152231 [Drosophila
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>gi|1036807588|ref|XP_017136909.1| PREDICTED: uncharacterized protein LOC108152231 [Drosophila
>gi|1036807626|ref|XP_017136911.1| PREDICTED: protein tipE isoform X2 [Drosophila miranda]
>gi|1036807607|ref|XP_017136910.1| PREDICTED: protein tipE isoform X1 [Drosophila miranda]
>gi|1036807407|ref|XP_017136899.1| PREDICTED: uncharacterized protein LOC108152228 isoform X1
>gi|1036807426|ref|XP 017136900.1| PREDICTED: uncharacterized protein LOC108152228 isoform X2
>gi|1036761102|ref|XP_017156938.1| PREDICTED: UPF0769 protein CG18675 [Drosophila miranda]
>gi|1036807444|ref|XP 017136901.1| PREDICTED: ero1-like protein [Drosophila miranda]
>gi|1036807460|ref|XP_017136903.1| PREDICTED: ero1-like protein [Drosophila miranda]
>gi|1036838500|ref|XP_017138633.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036848898|ref|XP_017139197.1| PREDICTED: NGFI-A-binding protein homolog isoform X1 [Droso
>gi|1036848914|ref|XP_017139198.1| PREDICTED: NGFI-A-binding protein homolog isoform X2 [Droso
>gi|1036821619|ref|XP_017137674.1| PREDICTED: venom serine protease Bi-VSP isoform X2 [Drosoph
>gi|1036821656|ref|XP_017137677.1| PREDICTED: venom protease isoform X4 [Drosophila miranda]
>gi|1036821637|ref|XP_017137676.1| PREDICTED: venom protease isoform X3 [Drosophila miranda]
>gi|1036821600|ref|XP_017137673.1| PREDICTED: venom serine protease Bi-VSP isoform X1 [Drosoph
>gi|1036821757|ref|XP_017137682.1| PREDICTED: venom protease isoform X2 [Drosophila miranda]
>gi|1036821734|ref|XP_017137681.1| PREDICTED: proclotting enzyme isoform X1 [Drosophila mirand
>gi|1036821715|ref|XP_017137680.1| PREDICTED: adipokinetic hormone [Drosophila miranda]
>gi|1036821694|ref|XP_017137679.1| PREDICTED: ras-like protein 2 [Drosophila miranda]
>gi|1036821675|ref|XP 017137678.1| PREDICTED: replication factor C subunit 2 [Drosophila miran
>gi|1036804292|ref|XP_017136727.1| PREDICTED: flocculation protein FLO11 isoform X1 [Drosophile
>gi|1036804368|ref|XP 017136731.1| PREDICTED: PHD finger protein rhinoceros isoform X5 [Drosop
>gi|1036804424|ref|XP_017136734.1| PREDICTED: ensconsin isoform X8 [Drosophila miranda]
>gi|1036804460|ref|XP_017136737.1| PREDICTED: ensconsin isoform X10 [Drosophila miranda]
>gi|1036804349|ref|XP_017136730.1| PREDICTED: flocculation protein FLO11 isoform X4 [Drosophile
>gi|1036804405|ref|XP_017136733.1| PREDICTED: ensconsin isoform X7 [Drosophila miranda]
>gi|1036804386|ref|XP_017136732.1| PREDICTED: protein split ends isoform X6 [Drosophila mirand
>gi|1036804443|ref|XP_017136736.1| PREDICTED: ensconsin isoform X9 [Drosophila miranda]
>gi|1036804498|ref|XP_017136739.1| PREDICTED: ensconsin isoform X12 [Drosophila miranda]
>gi|1036804311|ref|XP_017136728.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036804479|ref|XP_017136738.1| PREDICTED: ensconsin isoform X11 [Drosophila miranda]
>gi|1036804515|ref|XP_017136740.1| PREDICTED: MAP7 domain-containing protein 1 isoform X13 [Dref|XP_017136740.1]
>gi|1036804534|ref|XP_017136741.1| PREDICTED: ensconsin isoform X14 [Drosophila miranda]
>gi|1036804330|ref|XP_017136729.1| PREDICTED: flocculation protein FLO11 isoform X3 [Drosophile
>gi|1036804553|ref|XP 017136742.1| PREDICTED: ensconsin isoform X15 [Drosophila miranda]
>gi|1036835461|ref|XP_017138451.1| PREDICTED: myophilin isoform X1 [Drosophila miranda]
>gi|1036835480|ref|XP 017138452.1| PREDICTED: myophilin isoform X2 [Drosophila miranda]
>gi|1036796737|ref|XP_017136299.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036796718|ref|XP_017136298.1| PREDICTED: uncharacterized protein F23B12.7 [Drosophila mire
>gi|1036796062|ref|XP_017136263.1| PREDICTED: SPRY domain-containing SOCS box protein 3 [Droso
>gi|1036796043|ref|XP_017136262.1| PREDICTED: ATP-dependent helicase brm isoform X2 [Drosophile
>gi|1036796025|ref|XP_017136261.1| PREDICTED: ATP-dependent helicase brm isoform X1 [Drosophile
>gi|1036796102|ref|XP 017136265.1| PREDICTED: inositol monophosphatase 1 [Drosophila miranda]
>gi|1036796142|ref|XP_017136268.1| PREDICTED: inositol monophosphatase 2 [Drosophila miranda]
>gi|1036796123|ref|XP_017136267.1| PREDICTED: inositol monophosphatase ttx-7 [Drosophila miran-
>gi|1036796081|ref|XP_017136264.1| PREDICTED: inositol monophosphatase 2 [Drosophila miranda]
>gi|1036819118|ref|XP_017137545.1| PREDICTED: ADP-ribosylation factor-like protein 1 [Drosophi
>gi|1036819099|ref|XP_017137544.1| PREDICTED: DNA polymerase delta catalytic subunit [Drosophi
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>gi|1036821795|ref|XP_017137684.1| PREDICTED: palmitoyltransferase Hip14 [Drosophila miranda]
>gi|1036831960|ref|XP_017138261.1| PREDICTED: carboxy-terminal domain RNA polymerase II polype
>gi|1036831979|ref|XP_017138262.1| PREDICTED: carboxy-terminal domain RNA polymerase II polype
>gi|1036822269|ref|XP_017137711.1| PREDICTED: 28S ribosomal protein S31, mitochondrial [Drosop
>gi|1036822250|ref|XP_017137710.1| PREDICTED: E3 ubiquitin-protein ligase mind-bomb [Drosophile
>gi|1036826203|ref|XP_017137930.1| PREDICTED: uncharacterized protein LOC108152836 isoform X2
>gi|1036826180|ref|XP 017137929.1| PREDICTED: uncharacterized protein LOC108152836 isoform X1
>gi|1036761120|ref|XP_017156939.1| PREDICTED: cytosol aminopeptidase-like, partial [Drosophila
>gi|1036761138|ref|XP_017156940.1| PREDICTED: isocitrate dehydrogenase [NAD] catalytic subunit
>gi|1036826259|ref|XP_017137934.1| PREDICTED: hydroxyacylglutathione hydrolase, mitochondrial
>gi|1036826239|ref|XP_017137933.1| PREDICTED: hydroxyacylglutathione hydrolase, mitochondrial
>gi|1036826278|ref|XP 017137935.1| PREDICTED: hydroxyacylglutathione hydrolase, mitochondrial
>gi|1036826221|ref|XP_017137931.1| PREDICTED: uncharacterized protein LOC108152837 [Drosophila
>gi|1036796788|ref|XP_017136303.1| PREDICTED: homeobox protein SIX6 [Drosophila miranda]
>gi|1036796838|ref|XP 017136306.1| PREDICTED: uncharacterized protein LOC108151906 isoform X2
>gi|1036796821|ref|XP_017136305.1| PREDICTED: uncharacterized protein LOC108151906 isoform X1
>gi|1036796771|ref|XP_017136301.1| PREDICTED: trafficking protein particle complex subunit 12
>gi|1036796754|ref|XP_017136300.1| PREDICTED: phosphorylated CTD-interacting factor 1 [Drosoph
>gi|1036796804|ref|XP_017136304.1| PREDICTED: peroxisomal membrane protein PEX14 [Drosophila m
>gi|1036788984|ref|XP 017135863.1| PREDICTED: peroxisomal membrane protein PEX16 [Drosophila m
>gi|1036788931|ref|XP_017135860.1| PREDICTED: serine/threonine-protein kinase PITSLRE [Drosoph
>gi|1036789059|ref|XP 017135868.1| PREDICTED: ATP synthase subunit s-like protein [Drosophila 1
>gi|1036789097|ref|XP_017135870.1| PREDICTED: coiled-coil-helix-coiled-coil-helix domain-conta
>gi|1036789003|ref|XP_017135864.1| PREDICTED: Down syndrome critical region protein 3 homolog
>gi|1036788947|ref|XP_017135861.1| PREDICTED: uncharacterized protein LOC108151653 [Drosophila
>gi|1036788966|ref|XP_017135862.1| PREDICTED: uncharacterized protein LOC108151653 [Drosophila
>gi|1036789116|ref|XP_017135871.1| PREDICTED: putative gustatory receptor 77a [Drosophila mirat
>gi|1036789021|ref|XP_017135866.1| PREDICTED: uncharacterized protein LOC108151657 [Drosophila
>gi|1036789040|ref|XP_017135867.1| PREDICTED: uncharacterized protein LOC108151657 [Drosophila
>gi|1036789078|ref|XP 017135869.1| PREDICTED: uncharacterized protein LOC108151659 [Drosophila
>gi|1036843582|ref|XP_017138913.1| PREDICTED: uncharacterized protein LOC108153421 [Drosophila
>gi|1036761158|ref|XP_017156941.1| PREDICTED: extracellular sulfatase SULF-1 homolog [Drosophi
>gi|1036843564|ref|XP_017138911.1| PREDICTED: zygotic gap protein knirps [Drosophila miranda]
>gi|1036761178|ref|XP_017156942.1| PREDICTED: uncharacterized protein LOC108165414 [Drosophila
>gi|1036832902|ref|XP 017138313.1| PREDICTED: knirps-related protein [Drosophila miranda]
>gi|1036829827|ref|XP_017138138.1| PREDICTED: cell wall protein IFF6 [Drosophila miranda]
>gi|1036829863|ref|XP 017138140.1| PREDICTED: uncharacterized protein LOC108152952 [Drosophila
>gi|1036829844|ref|XP_017138139.1| PREDICTED: cytosolic Fe-S cluster assembly factor NUBP2 hom
>gi|1036785395|ref|XP_017135661.1| PREDICTED: phosphatidylserine synthase 1 [Drosophila mirand
>gi|1036785483|ref|XP_017135666.1| PREDICTED: vesicle transport protein SFT2A [Drosophila mirated]
>gi|1036785433|ref|XP_017135663.1| PREDICTED: transcription termination factor 3, mitochondria
>gi|1036785447|ref|XP_017135664.1| PREDICTED: uncharacterized protein LOC108151526 isoform X1
>gi|1036785464|ref|XP 017135665.1| PREDICTED: uncharacterized protein LOC108151526 isoform X2
>gi|1036785377|ref|XP_017135660.1| PREDICTED: uncharacterized protein LOC108151520 isoform X3
>gi|1036785340|ref|XP_017135658.1| PREDICTED: uncharacterized protein LOC108151520 isoform X1
>gi|1036785358|ref|XP_017135659.1| PREDICTED: C2 domain-containing protein 3 isoform X2 [Droso
>gi|1036785414|ref|XP_017135662.1| PREDICTED: hippocampus abundant transcript-like protein 1 [
>gi|1036839101|ref|XP_017138671.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
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>gi|1036800954|ref|XP_017136539.1| PREDICTED: zinc transporter 1 [Drosophila miranda]
>gi|1036800992|ref|XP_017136541.1| PREDICTED: glutaminyl-peptide cyclotransferase isoform X1 [
>gi|1036801010|ref|XP_017136543.1| PREDICTED: glutaminyl-peptide cyclotransferase isoform X2 [
>gi|1036801045|ref|XP_017136545.1| PREDICTED: vacuolar ATPase assembly integral membrane prote
>gi|1036801026|ref|XP 017136544.1| PREDICTED: uncharacterized protein LOC108152051 [Drosophila
>gi|1036800973|ref|XP_017136540.1| PREDICTED: L-threonine 3-dehydrogenase, mitochondrial [Dros
>gi|1036839049|ref|XP 017138669.1| PREDICTED: lipase 3 [Drosophila miranda]
>gi|1036839009|ref|XP_017138667.1| PREDICTED: chaoptin [Drosophila miranda]
>gi|1036839028|ref|XP_017138668.1| PREDICTED: chaoptin [Drosophila miranda]
>gi|1036829250|ref|XP_017138107.1| PREDICTED: uncharacterized protein LOC108152931 [Drosophila
>gi|1036829273|ref|XP_017138108.1| PREDICTED: uncharacterized protein LOC108152931 [Drosophila
>gi|1036829292|ref|XP_017138109.1| PREDICTED: uncharacterized protein LOC108152932 [Drosophila
>gi|1036829311|ref|XP_017138110.1| PREDICTED: uncharacterized protein LOC108152932 [Drosophila
>gi|1036829328|ref|XP_017138112.1| PREDICTED: uncharacterized protein LOC108152932 [Drosophila
>gi|1036793663|ref|XP_017136126.1| PREDICTED: 4-hydroxyphenylpyruvate dioxygenase [Drosophila 1
>gi|1036793624|ref|XP_017136124.1| PREDICTED: uncharacterized protein LOC108151787 isoform X1
>gi|1036793643|ref|XP_017136125.1| PREDICTED: uncharacterized protein LOC108151787 isoform X2
>gi|1036793682|ref|XP 017136127.1| PREDICTED: 39S ribosomal protein L15, mitochondrial [Drosop.
>gi|1036793605|ref|XP_017136123.1| PREDICTED: presenilin homolog isoform X3 [Drosophila mirand
>gi|1036793587|ref|XP 017136122.1| PREDICTED: presenilin homolog isoform X2 [Drosophila mirand
>gi|1036793572|ref|XP_017136121.1| PREDICTED: presenilin homolog isoform X1 [Drosophila mirand
>gi|1036793501|ref|XP_017136117.1| PREDICTED: Golgi apparatus protein 1 isoform X1 [Drosophila
>gi|1036793519|ref|XP_017136118.1| PREDICTED: Golgi apparatus protein 1 isoform X2 [Drosophila
>gi|1036793536|ref|XP_017136119.1| PREDICTED: glutactin isoform X1 [Drosophila miranda]
>gi|1036793555|ref|XP_017136120.1| PREDICTED: esterase B1 isoform X2 [Drosophila miranda]
>gi|1036831997|ref|XP_017138264.1| PREDICTED: nuclear hormone receptor HR78 isoform X1 [Drosop
>gi|1036832015|ref|XP_017138265.1| PREDICTED: nuclear hormone receptor HR78 isoform X2 [Drosop
>gi|1036832053|ref|XP_017138267.1| PREDICTED: protein PBDC1 [Drosophila miranda]
>gi|1036832034|ref|XP_017138266.1| PREDICTED: uncharacterized protein LOC108153023 [Drosophila
>gi|1036800160|ref|XP_017136494.1| PREDICTED: uncharacterized protein LOC108152024 [Drosophila
>gi|1036800068|ref|XP_017136489.1| PREDICTED: speract receptor-like isoform X1 [Drosophila mire
>gi|1036800085|ref|XP_017136490.1| PREDICTED: speract receptor-like isoform X1 [Drosophila mire
>gi|1036800104|ref|XP 017136491.1| PREDICTED: speract receptor-like isoform X1 [Drosophila mire
>gi|1036800123|ref|XP_017136492.1| PREDICTED: speract receptor-like isoform X1 [Drosophila mire
>gi|1036800142|ref|XP 017136493.1| PREDICTED: speract receptor-like isoform X2 [Drosophila mire
>gi|1036813202|ref|XP_017137208.1| PREDICTED: mucolipin-3 [Drosophila miranda]
>gi|1036813276|ref|XP_017137213.1| PREDICTED: uncharacterized protein LOC108152411 [Drosophila
>gi|1036813220|ref|XP_017137209.1| PREDICTED: uncharacterized protein LOC108152410 isoform X1
>gi|1036813238|ref|XP_017137211.1| PREDICTED: uncharacterized protein LOC108152410 isoform X2
>gi|1036813257|ref|XP_017137212.1| PREDICTED: uncharacterized protein LOC108152410 isoform X3
>gi|1036813295|ref|XP_017137214.1| PREDICTED: guanine nucleotide-binding protein subunit beta-
>gi|1036835535|ref|XP_017138455.1| PREDICTED: uncharacterized protein LOC108153162 [Drosophila
>gi|1036848474|ref|XP_017139172.1| PREDICTED: protein Teyrha-meyrha isoform X1 [Drosophila mire
>gi|1036848551|ref|XP_017139176.1| PREDICTED: protein Teyrha-meyrha isoform X5 [Drosophila mire
>gi|1036848493|ref|XP_017139173.1| PREDICTED: protein Teyrha-meyrha isoform X2 [Drosophila mire
>gi|1036848567|ref|XP_017139177.1| PREDICTED: protein Teyrha-meyrha isoform X6 [Drosophila mire
>gi|1036848513|ref|XP_017139174.1| PREDICTED: protein Teyrha-meyrha isoform X3 [Drosophila mire
>gi|1036848532|ref|XP_017139175.1| PREDICTED: protein Teyrha-meyrha isoform X4 [Drosophila mire
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>gi|1036848585|ref|XP_017139178.1| PREDICTED: protein Teyrha-meyrha isoform X7 [Drosophila mire
>gi|1036848603|ref|XP_017139179.1| PREDICTED: protein Teyrha-meyrha isoform X8 [Drosophila mire
>gi|1036848621|ref|XP_017139180.1| PREDICTED: protein Teyrha-meyrha isoform X9 [Drosophila mire
>gi|1036848145|ref|XP_017139153.1| PREDICTED: ornithine aminotransferase, mitochondrial [Droso
>gi|1036766120|ref|XP 017134559.1| PREDICTED: uncharacterized protein LOC108150774 [Drosophila
>gi|1036817801|ref|XP_017137470.1| PREDICTED: E3 ubiquitin-protein ligase rnf146 isoform X1 [Di
>gi|1036817821|ref|XP_017137471.1| PREDICTED: E3 ubiquitin-protein ligase RNF146 isoform X2 [Di
>gi|1036761196|ref|XP_017156943.1| PREDICTED: E3 ubiquitin-protein ligase rnf146-like [Drosoph
>gi|1036783322|ref|XP_017135542.1| PREDICTED: mitogen-activated protein kinase kinase kinase 1
>gi|1036783341|ref|XP_017135543.1| PREDICTED: mitogen-activated protein kinase kinase kinase 1
>gi|1036783360|ref|XP_017135544.1| PREDICTED: mitogen-activated protein kinase kinase kinase 1
>gi|1036783379|ref|XP 017135545.1| PREDICTED: uncharacterized protein LOC108151444 [Drosophila
>gi|1036783417|ref|XP_017135547.1| PREDICTED: histone chaperone asf1 [Drosophila miranda]
>gi|1036783304|ref|XP_017135540.1| PREDICTED: trafficking protein particle complex subunit 8 [
>gi|1036783398|ref|XP_017135546.1| PREDICTED: glycosylphosphatidylinositol anchor biosynthesis
>gi|1036777143|ref|XP_017135174.1| PREDICTED: LOW QUALITY PROTEIN: lon protease homolog, mitoci
>gi|1036777215|ref|XP_017135178.1| PREDICTED: venom protease [Drosophila miranda]
>gi|1036777268|ref|XP 017135181.1| PREDICTED: uncharacterized protein LOC108151213 isoform X2
>gi|1036777249|ref|XP_017135180.1| PREDICTED: uncharacterized protein LOC108151213 isoform X1
>gi|1036777286|ref|XP 017135183.1| PREDICTED: general odorant-binding protein lush [Drosophila
>gi|1036777180|ref|XP_017135176.1| PREDICTED: transcription initiation factor TFIID subunit 6
>gi|1036777198|ref|XP 017135177.1| PREDICTED: transcription initiation factor TFIID subunit 6
>gi|1036777162|ref|XP_017135175.1| PREDICTED: transcription initiation factor TFIID subunit 6
>gi|1036777104|ref|XP_017135172.1| PREDICTED: histone-lysine N-methyltransferase ash1 isoform
>gi|1036777123|ref|XP_017135173.1| PREDICTED: histone-lysine N-methyltransferase ash1 isoform
>gi|1036777230|ref|XP_017135179.1| PREDICTED: proteasome subunit beta type-1-like [Drosophila 1
>gi|1036810076|ref|XP_017137043.1| PREDICTED: rRNA methyltransferase 3, mitochondrial [Drosoph
>gi|1036809980|ref|XP_017137038.1| PREDICTED: ATP-binding cassette sub-family F member 3 [Dros
>gi|1036810094|ref|XP_017137044.1| PREDICTED: UPF0389 protein GA21628 [Drosophila miranda]
>gi|1036809999|ref|XP_017137039.1| PREDICTED: potassium voltage-gated channel protein Shal iso:
>gi|1036810017|ref|XP_017137040.1| PREDICTED: potassium voltage-gated channel protein Shal iso
>gi|1036810038|ref|XP_017137041.1| PREDICTED: potassium voltage-gated channel protein Shal iso:
>gi|1036810057|ref|XP 017137042.1| PREDICTED: potassium voltage-gated channel protein Shal iso
>gi|1036775510|ref|XP_017135080.1| PREDICTED: uncharacterized protein LOC108151161 [Drosophila
>gi|1036775416|ref|XP 017135075.1| PREDICTED: E3 ubiquitin-protein ligase listerin [Drosophila
>gi|1036775624|ref|XP_017135086.1| PREDICTED: uncharacterized protein LOC108151168 [Drosophila
>gi|1036775434|ref|XP 017135076.1| PREDICTED: dynactin subunit 1 [Drosophila miranda]
>gi|1036775453|ref|XP_017135077.1| PREDICTED: fibroin heavy chain [Drosophila miranda]
>gi|1036775472|ref|XP_017135078.1| PREDICTED: fibroin heavy chain [Drosophila miranda]
>gi|1036761214|ref|XP_017156944.1| PREDICTED: LOW QUALITY PROTEIN: MICOS complex subunit Mic10
>gi|1036775548|ref|XP_017135082.1| PREDICTED: uncharacterized protein LOC108151163 [Drosophila
>gi|1036758138|ref|XP_017156759.1| PREDICTED: adult-specific cuticular protein ACP-20 [Drosoph
>gi|1036775645|ref|XP_017135087.1| PREDICTED: cuticle protein 19.8 [Drosophila miranda]
>gi|1036775567|ref|XP_017135083.1| PREDICTED: venom acid phosphatase Acph-1 [Drosophila mirand
>gi|1036775586|ref|XP_017135084.1| PREDICTED: venom acid phosphatase Acph-1 [Drosophila mirand
>gi|1036775605|ref|XP_017135085.1| PREDICTED: venom acid phosphatase Acph-1 [Drosophila mirand
>gi|1036775529|ref|XP_017135081.1| PREDICTED: sulfhydryl oxidase 1-like [Drosophila miranda]
>gi|1036775491|ref|XP_017135079.1| PREDICTED: polycystin-2 [Drosophila miranda]
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>gi|1036761232|ref|XP_017156945.1| PREDICTED: glutaconyl-CoA decarboxylase subunit gamma-like
>gi|1036758155|ref|XP_017156760.1| PREDICTED: cuticle protein 16.5-like [Drosophila miranda]
>gi|1036761251|ref|XP_017156946.1| PREDICTED: cuticle protein 16.5-like [Drosophila miranda]
>gi|1036761270|ref|XP_017156948.1| PREDICTED: cyclin-dependent kinase inhibitor 1C-like [Droso
>gi|1036761287|ref|XP 017156949.1| PREDICTED: cyclin-dependent kinase inhibitor 1C [Drosophila
>gi|1036849064|ref|XP_017139207.1| PREDICTED: uncharacterized protein LOC108153617 [Drosophila
>gi|1036820061|ref|XP 017137595.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like in
>gi|1036820003|ref|XP_017137592.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like is
>gi|1036820042|ref|XP_017137594.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like is
>gi|1036819985|ref|XP_017137590.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like is
>gi|1036820023|ref|XP_017137593.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like in
>gi|1036758171|ref|XP_017156761.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like [
>gi|1036820134|ref|XP_017137599.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like [
>gi|1036820171|ref|XP_017137601.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like [
>gi|1036820153|ref|XP_017137600.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like,
>gi|1036820116|ref|XP_017137598.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like [
>gi|1036820080|ref|XP_017137596.1| PREDICTED: deoxynucleoside triphosphate triphosphohydrolase
>gi|1036820098|ref|XP_017137597.1| PREDICTED: deoxynucleoside triphosphate triphosphohydrolase
>gi|1036833503|ref|XP_017138348.1| PREDICTED: glycogen-binding subunit 76A [Drosophila miranda]
>gi|1036833520|ref|XP_017138349.1| PREDICTED: glycogen-binding subunit 76A [Drosophila miranda]
>gi|1036833538|ref|XP_017138350.1| PREDICTED: peroxiredoxin-2 [Drosophila miranda]
>gi|1036761305|ref|XP_017156950.1| PREDICTED: collagen alpha-1(IX) chain [Drosophila miranda]
>gi|1036770105|ref|XP_017134775.1| PREDICTED: uncharacterized protein LOC108150952 [Drosophila
>gi|1036761324|ref|XP_017156951.1| PREDICTED: uncharacterized protein LOC108165423 [Drosophila
>gi|1036798272|ref|XP_017136387.1| PREDICTED: putative aldehyde dehydrogenase family 7 member .
>gi|1036798383|ref|XP_017136394.1| PREDICTED: methyltransferase-like protein 5 [Drosophila mire
>gi|1036798457|ref|XP_017136399.1| PREDICTED: SOSS complex subunit C homolog [Drosophila mirane
>gi|1036798402|ref|XP_017136395.1| PREDICTED: protein max isoform X1 [Drosophila miranda]
>gi|1036798420|ref|XP_017136396.1| PREDICTED: protein max isoform X2 [Drosophila miranda]
>gi|1036798438|ref|XP_017136398.1| PREDICTED: protein max isoform X3 [Drosophila miranda]
>gi|1036798475|ref|XP_017136400.1| PREDICTED: BET1 homolog [Drosophila miranda]
>gi|1036798494|ref|XP_017136401.1| PREDICTED: BET1 homolog [Drosophila miranda]
>gi|1036798512|ref|XP_017136402.1| PREDICTED: BET1 homolog [Drosophila miranda]
>gi|1036798529|ref|XP_017136403.1| PREDICTED: BET1 homolog [Drosophila miranda]
>gi|1036798547|ref|XP 017136404.1| PREDICTED: BET1 homolog [Drosophila miranda]
>gi|1036798311|ref|XP_017136389.1| PREDICTED: lysophospholipid acyltransferase 5 [Drosophila m
>gi|1036798328|ref|XP 017136390.1| PREDICTED: lysophospholipid acyltransferase 5 [Drosophila m
>gi|1036798345|ref|XP_017136391.1| PREDICTED: lysophospholipid acyltransferase 5 [Drosophila m
>gi|1036798364|ref|XP_017136393.1| PREDICTED: lysophospholipid acyltransferase 5 [Drosophila m
>gi|1036798292|ref|XP_017136388.1| PREDICTED: ruvB-like helicase 2 [Drosophila miranda]
>gi|1036844935|ref|XP_017138979.1| PREDICTED: 39S ribosomal protein L21, mitochondrial [Drosop
>gi|1036768023|ref|XP_017134659.1| PREDICTED: uncharacterized protein LOC108150867 [Drosophila
>gi|1036851745|ref|XP_017139367.1| PREDICTED: protein IWS1 homolog [Drosophila miranda]
>gi|1036851762|ref|XP_017139368.1| PREDICTED: uncharacterized protein LOC108153749 [Drosophila
>gi|1036761343|ref|XP_017156952.1| PREDICTED: uncharacterized protein LOC108165425 [Drosophila
>gi|1036815846|ref|XP_017137358.1| PREDICTED: frizzled-2 [Drosophila miranda]
>gi|1036815864|ref|XP_017137359.1| PREDICTED: putative glycine-rich cell wall structural prote
>gi|1036834233|ref|XP_017138382.1| PREDICTED: serpin B6-like isoform X1 [Drosophila miranda]
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>gi|1036834252|ref|XP_017138383.1| PREDICTED: serpin B3-like isoform X2 [Drosophila miranda]
>gi|1036761362|ref|XP_017156953.1| PREDICTED: LOW QUALITY PROTEIN: accessory gland protein Acp
>gi|1036834214|ref|XP_017138381.1| PREDICTED: uncharacterized protein LOC108153106 [Drosophila
>gi|1036823262|ref|XP_017137768.1| PREDICTED: UPF0489 protein C5orf22 homolog [Drosophila mirated]
>gi|1036823318|ref|XP 017137772.1| PREDICTED: protein canopy 4 [Drosophila miranda]
>gi|1036823282|ref|XP_017137770.1| PREDICTED: uncharacterized protein LOC108152736 [Drosophila
>gi|1036823300|ref|XP 017137771.1| PREDICTED: protein Gemin2 [Drosophila miranda]
>gi|1036769533|ref|XP_017134745.1| PREDICTED: dual specificity protein phosphatase Mpk3 [Droso
>gi|1036769551|ref|XP 017134746.1| PREDICTED: sideroflexin-2 [Drosophila miranda]
>gi|1036769474|ref|XP_017134741.1| PREDICTED: UDP-glucuronosyltransferase [Drosophila miranda]
>gi|1036769359|ref|XP_017134735.1| PREDICTED: protein naked cuticle isoform X1 [Drosophila mire
>gi|1036769380|ref|XP 017134736.1| PREDICTED: protein naked cuticle isoform X2 [Drosophila mire
>gi|1036769397|ref|XP_017134737.1| PREDICTED: protein naked cuticle isoform X3 [Drosophila mire
>gi|1036769515|ref|XP_017134743.1| PREDICTED: protein msta [Drosophila miranda]
>gi|1036769497|ref|XP_017134742.1| PREDICTED: tRNA (uracil-5-)-methyltransferase homolog A [Dr
>gi|1036769456|ref|XP_017134740.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 is
>gi|1036769435|ref|XP_017134739.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 is
>gi|1036769571|ref|XP 017134747.1| PREDICTED: uncharacterized protein LOC108150927 [Drosophila
>gi|1036769416|ref|XP_017134738.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 [
>gi|1036769590|ref|XP 017134748.1| PREDICTED: uncharacterized protein LOC108150928 [Drosophila
>gi|1036845930|ref|XP_017139029.1| PREDICTED: organic solute transporter alpha-like protein [Di
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>gi|1036845965|ref|XP_017139031.1| PREDICTED: organic solute transporter alpha-like protein [Di
>gi|1036845984|ref|XP_017139032.1| PREDICTED: organic solute transporter alpha-like protein [Di
>gi|1036846003|ref|XP_017139033.1| PREDICTED: uncharacterized protein LOC108153494 [Drosophila
>gi|1036846020|ref|XP_017139034.1| PREDICTED: uncharacterized protein LOC108153494 [Drosophila
>gi|1036846037|ref|XP_017139035.1| PREDICTED: uncharacterized protein LOC108153494 [Drosophila
>gi|1036801139|ref|XP_017136551.1| PREDICTED: uncharacterized protein LOC108152057 [Drosophila
>gi|1036761383|ref|XP_017156954.1| PREDICTED: mite allergen Eur m 3 [Drosophila miranda]
>gi|1036801120|ref|XP_017136549.1| PREDICTED: uncharacterized protein LOC108152056 [Drosophila
>gi|1036761402|ref|XP_017156956.1| PREDICTED: uncharacterized protein LOC108165428 [Drosophila
>gi|1036801083|ref|XP_017136547.1| PREDICTED: pre-mRNA-processing factor 6 [Drosophila miranda]
>gi|1036801101|ref|XP 017136548.1| PREDICTED: COP9 signalosome complex subunit 1b [Drosophila 1
>gi|1036801158|ref|XP_017136552.1| PREDICTED: corepressor interacting with RBPJ 1 [Drosophila in the contemp of the corepressor interacting with RBPJ 1 [Drosophila in the corepressor 
>gi|1036833963|ref|XP 017138365.1| PREDICTED: gametocyte-specific factor 1 homolog [Drosophila
>gi|1036833981|ref|XP_017138367.1| PREDICTED: 60S ribosomal protein L26 [Drosophila miranda]
>gi|1036833998|ref|XP 017138368.1| PREDICTED: 60S ribosomal protein L26 [Drosophila miranda]
>gi|1036829091|ref|XP_017138098.1| PREDICTED: uncharacterized protein LOC108152926 [Drosophila
>gi|1036829111|ref|XP_017138099.1| PREDICTED: cell death-inducing p53-target protein 1 [Drosop
>gi|1036829132|ref|XP_017138100.1| PREDICTED: cell death-inducing p53-target protein 1 [Drosop
>gi|1036829153|ref|XP_017138101.1| PREDICTED: cell death-inducing p53-target protein 1 [Drosop
>gi|1036831378|ref|XP_017138230.1| PREDICTED: extensin isoform X2 [Drosophila miranda]
>gi|1036831397|ref|XP_017138231.1| PREDICTED: extensin isoform X2 [Drosophila miranda]
>gi|1036831357|ref|XP_017138229.1| PREDICTED: integrator complex subunit 3 homolog isoform X1
>gi|1036803424|ref|XP_017136679.1| PREDICTED: uncharacterized protein LOC108152115 [Drosophila
>gi|1036803406|ref|XP_017136678.1| PREDICTED: vacuolar protein-sorting-associated protein 36 [
>gi|1036826090|ref|XP_017137924.1| PREDICTED: liprin-beta-1 [Drosophila miranda]
>gi|1036825997|ref|XP 017137918.1| PREDICTED: uncharacterized protein LOC108152829 [Drosophila
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>gi|1036826015|ref|XP_017137919.1| PREDICTED: uncharacterized protein LOC108152829 [Drosophila
>gi|1036826034|ref|XP_017137921.1| PREDICTED: uncharacterized protein LOC108152829 [Drosophila
>gi|1036826052|ref|XP_017137922.1| PREDICTED: uncharacterized protein LOC108152829 [Drosophila
>gi|1036826071|ref|XP_017137923.1| PREDICTED: uncharacterized protein LOC108152829 [Drosophila
>gi|1036839502|ref|XP 017138688.1| PREDICTED: probable WRKY transcription factor protein 1 [Dr.
>gi|1036839483|ref|XP_017138687.1| PREDICTED: CUGBP Elav-like family member 4 isoform X9 [Dros
>gi|1036839428|ref|XP 017138684.1| PREDICTED: CUGBP Elav-like family member 4 isoform X6 [Dros
>gi|1036839392|ref|XP_017138681.1| PREDICTED: CUGBP Elav-like family member 4 isoform X4 [Dros
>gi|1036839356|ref|XP_017138679.1| PREDICTED: CUGBP Elav-like family member 4 isoform X2 [Dros
>gi|1036839464|ref|XP_017138686.1| PREDICTED: CUGBP Elav-like family member 4 isoform X8 [Dros
>gi|1036839409|ref|XP_017138683.1| PREDICTED: CUGBP Elav-like family member 4 isoform X5 [Dros
>gi|1036839375|ref|XP_017138680.1| PREDICTED: CUGBP Elav-like family member 4 isoform X3 [Dros
>gi|1036839335|ref|XP_017138678.1| PREDICTED: CUGBP Elav-like family member 4 isoform X1 [Dros
>gi|1036839447|ref|XP_017138685.1| PREDICTED: CUGBP Elav-like family member 4 isoform X7 [Dros
>gi|1036852108|ref|XP_017139391.1| PREDICTED: uncharacterized protein LOC108153763 [Drosophila
>gi|1036767503|ref|XP_017134633.1| PREDICTED: ell-associated factor Eaf-like isoform X1 [Droso
>gi|1036767522|ref|XP_017134634.1| PREDICTED: ell-associated factor Eaf-like isoform X1 [Droso
>gi|1036767540|ref|XP_017134635.1| PREDICTED: mastermind-like domain-containing protein 1 isof
>gi|1036818023|ref|XP_017137483.1| PREDICTED: ERAD-associated E3 ubiquitin-protein ligase HRD1
>gi|1036818004|ref|XP 017137482.1| PREDICTED: protein panoramix [Drosophila miranda]
>gi|1036761420|ref|XP_017156957.1| PREDICTED: protein FAM210A-like [Drosophila miranda]
>gi|1036768739|ref|XP_017134698.1| PREDICTED: protein new-glue 2-like [Drosophila miranda]
>gi|1036768721|ref|XP_017134697.1| PREDICTED: protein new-glue 1-like [Drosophila miranda]
>gi|1036767427|ref|XP 017134629.1| PREDICTED: uncharacterized protein LOC108150833 [Drosophila
>gi|1036834733|ref|XP_017138408.1| PREDICTED: hemocytin [Drosophila miranda]
>gi|1036840869|ref|XP_017138766.1| PREDICTED: GPN-loop GTPase 2 [Drosophila miranda]
>gi|1036830865|ref|XP_017138201.1| PREDICTED: actin-interacting protein 1 [Drosophila miranda]
>gi|1036843908|ref|XP_017138929.1| PREDICTED: uncharacterized protein LOC108153435 [Drosophila
>gi|1036843927|ref|XP_017138930.1| PREDICTED: uncharacterized protein LOC108153435 [Drosophila
>gi|1036844003|ref|XP_017138935.1| PREDICTED: uncharacterized protein LOC108153438 [Drosophila
>gi|1036843948|ref|XP_017138931.1| PREDICTED: centrosomal and chromosomal factor [Drosophila m
>gi|1036843966|ref|XP_017138932.1| PREDICTED: centrosomal and chromosomal factor [Drosophila m
>gi|1036843984|ref|XP 017138933.1| PREDICTED: centrosomal and chromosomal factor [Drosophila m
>gi|1036765677|ref|XP_017134533.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036765487|ref|XP 017157174.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036844444|ref|XP_017138959.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036844463|ref|XP_017138960.1| PREDICTED: uncharacterized protein LOC108153451 [Drosophila
>gi|1036781054|ref|XP_017135410.1| PREDICTED: uncharacterized protein LOC108151362 [Drosophila
>gi|1036781147|ref|XP_017135415.1| PREDICTED: jmjC domain-containing protein 7 [Drosophila mire
>gi|1036781165|ref|XP_017135416.1| PREDICTED: GSK3-beta interaction protein [Drosophila mirand
>gi|1036781129|ref|XP_017135414.1| PREDICTED: ATP-dependent RNA helicase Ddx1 [Drosophila mirated]
>gi|1036781073|ref|XP_017135411.1| PREDICTED: guanine nucleotide exchange factor subunit Rich
>gi|1036781091|ref|XP_017135412.1| PREDICTED: guanine nucleotide exchange factor subunit Rich
>gi|1036781110|ref|XP_017135413.1| PREDICTED: guanine nucleotide exchange factor subunit Rich
>gi|1036820962|ref|XP_017137639.1| PREDICTED: MOXD1 homolog 2 [Drosophila miranda]
>gi|1036771162|ref|XP_017134835.1| PREDICTED: 60S acidic ribosomal protein PO [Drosophila mirated]
>gi|1036771032|ref|XP_017134828.1| PREDICTED: NEDD4-binding protein 2 [Drosophila miranda]
>gi|1036771051|ref|XP_017134829.1| PREDICTED: NEDD4-binding protein 2 [Drosophila miranda]
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>gi|1036771195|ref|XP_017134838.1| PREDICTED: uncharacterized protein LOC108150997 isoform X2
>gi|1036771177|ref|XP_017134837.1| PREDICTED: uncharacterized protein LOC108150997 isoform X1
>gi|1036771214|ref|XP_017134839.1| PREDICTED: tyramine/octopamine receptor [Drosophila miranda]
>gi|1036771125|ref|XP_017134833.1| PREDICTED: glucose-6-phosphate 1-dehydrogenase [Drosophila 1
>gi|1036771144|ref|XP 017134834.1| PREDICTED: actin, larval muscle [Drosophila miranda]
>gi|1036771070|ref|XP_017134830.1| PREDICTED: delta-1-pyrroline-5-carboxylate synthase [Drosop
>gi|1036771013|ref|XP 017134827.1| PREDICTED: uncharacterized protein LOC108150988 isoform X2
>gi|1036770993|ref|XP_017134826.1| PREDICTED: uncharacterized protein LOC108150988 isoform X1
>gi|1036771088|ref|XP_017134831.1| PREDICTED: organic cation transporter protein [Drosophila m
>gi|1036771106|ref|XP_017134832.1| PREDICTED: solute carrier family 22 member 3-like [Drosophi
>gi|1036770941|ref|XP_017134822.1| PREDICTED: uncharacterized protein LOC108150987 [Drosophila
>gi|1036770959|ref|XP_017134823.1| PREDICTED: uncharacterized protein LOC108150987 [Drosophila
>gi|1036770976|ref|XP_017134825.1| PREDICTED: uncharacterized protein LOC108150987 [Drosophila
>gi|1036761438|ref|XP_017156958.1| PREDICTED: vesicle-associated membrane protein-associated page 2 protein-associated page 3 protein-associated pag
>gi|1036794440|ref|XP_017136171.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794516|ref|XP_017136175.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794535|ref|XP_017136176.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794552|ref|XP_017136177.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794569|ref|XP_017136178.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794497|ref|XP 017136174.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794459|ref|XP_017136172.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794478|ref|XP_017136173.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794584|ref|XP_017136179.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794600|ref|XP_017136180.1| PREDICTED: dyslexia-associated protein KIAA0319 [Drosophila
>gi|1036794675|ref|XP_017136185.1| PREDICTED: uncharacterized protein LOC108151827 [Drosophila
>gi|1036794618|ref|XP_017136181.1| PREDICTED: uncharacterized protein LOC108151826 isoform X1
>gi|1036794637|ref|XP_017136182.1| PREDICTED: uncharacterized protein LOC108151826 isoform X1
>gi|1036794656|ref|XP_017136183.1| PREDICTED: uncharacterized protein LOC108151826 isoform X2
>gi|1036765908|ref|XP_017134546.1| PREDICTED: borealin-like [Drosophila miranda]
>gi|1036848316|ref|XP_017139163.1| PREDICTED: JNK-interacting protein 1 isoform X2 [Drosophila
>gi|1036848297|ref|XP_017139162.1| PREDICTED: JNK-interacting protein 1 isoform X1 [Drosophila
>gi|1036847365|ref|XP_017139111.1| PREDICTED: tryptophan 5-hydroxylase 1 [Drosophila miranda]
>gi|1036847383|ref|XP_017139112.1| PREDICTED: uncharacterized protein LOC108153553 [Drosophila
>gi|1036826865|ref|XP_017137969.1| PREDICTED: protein bric-a-brac 2 isoform X1 [Drosophila mire
>gi|1036826884|ref|XP 017137970.1| PREDICTED: protein bric-a-brac 2 isoform X1 [Drosophila mire
>gi|1036826904|ref|XP_017137972.1| PREDICTED: protein bric-a-brac 2 isoform X2 [Drosophila mire
>gi|1036761456|ref|XP_017156959.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036847142|ref|XP_017139098.1| PREDICTED: protein bric-a-brac 1 isoform X1 [Drosophila mire
>gi|1036847161|ref|XP_017139099.1| PREDICTED: protein bric-a-brac 1 isoform X2 [Drosophila mire
>gi|1036845594|ref|XP_017139009.1| PREDICTED: oxysterol-binding protein-related protein 11 [Dr
>gi|1036788185|ref|XP_017135817.1| PREDICTED: triple functional domain protein isoform X1 [Drop
>gi|1036788204|ref|XP_017135818.1| PREDICTED: triple functional domain protein isoform X2 [Dros
>gi|1036788223|ref|XP_017135819.1| PREDICTED: triple functional domain protein isoform X3 [Drop
>gi|1036788242|ref|XP_017135821.1| PREDICTED: rho guanine nucleotide exchange factor 25 isoform
>gi|1036788300|ref|XP_017135824.1| PREDICTED: lipase member I [Drosophila miranda]
>gi|1036788280|ref|XP_017135823.1| PREDICTED: microfibril-associated glycoprotein 4 isoform X2
>gi|1036788261|ref|XP_017135822.1| PREDICTED: fibrinogen C domain-containing protein 1 isoform
>gi|1036796658|ref|XP_017136295.1| PREDICTED: cyclin-dependent kinase 14 isoform X3 [Drosophile
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>gi|1036796640|ref|XP_017136294.1| PREDICTED: cyclin-dependent kinase 14 isoform X2 [Drosophile
>gi|1036796581|ref|XP_017136291.1| PREDICTED: cyclin-dependent kinase 14 isoform X1 [Drosophile
>gi|1036796600|ref|XP_017136292.1| PREDICTED: cyclin-dependent kinase 14 isoform X1 [Drosophile
>gi|1036796619|ref|XP_017136293.1| PREDICTED: cyclin-dependent kinase 14 isoform X1 [Drosophile
>gi|1036796693|ref|XP_017136297.1| PREDICTED: cyclin-dependent kinase 14 isoform X5 [Drosophile
>gi|1036796676|ref|XP_017136296.1| PREDICTED: cyclin-dependent kinase 14 isoform X4 [Drosophile
>gi|1036843168|ref|XP 017138888.1| PREDICTED: 20-hydroxyecdysone protein [Drosophila miranda]
>gi|1036837087|ref|XP_017138547.1| PREDICTED: uncharacterized protein LOC108153227 isoform X2
>gi|1036837068|ref|XP_017138546.1| PREDICTED: uncharacterized protein LOC108153227 isoform X1
>gi|1036837104|ref|XP_017138548.1| PREDICTED: uncharacterized protein LOC108153227 isoform X3
>gi|1036837136|ref|XP_017138550.1| PREDICTED: uncharacterized protein LOC108153228 [Drosophila
>gi|1036796159|ref|XP_017136269.1| PREDICTED: solute carrier family 35 member C2 [Drosophila m
>gi|1036796177|ref|XP_017136271.1| PREDICTED: solute carrier family 35 member C2 [Drosophila m
>gi|1036796215|ref|XP_017136273.1| PREDICTED: cyclin-J-like isoform X2 [Drosophila miranda]
>gi|1036796196|ref|XP_017136272.1| PREDICTED: cyclin-J-like isoform X1 [Drosophila miranda]
>gi|1036796272|ref|XP_017136276.1| PREDICTED: uncharacterized protein LOC108151887 [Drosophila
>gi|1036796253|ref|XP_017136275.1| PREDICTED: cyclin-J-like isoform X2 [Drosophila miranda]
>gi|1036796234|ref|XP_017136274.1| PREDICTED: cyclin-J-like isoform X1 [Drosophila miranda]
>gi|1036796290|ref|XP_017136277.1| PREDICTED: probable RNA helicase armi [Drosophila miranda]
>gi|1036820796|ref|XP 017137629.1| PREDICTED: eukaryotic translation initiation factor 5B [Dro
>gi|1036827452|ref|XP_017138004.1| PREDICTED: protein sprouty [Drosophila miranda]
>gi|1036827470|ref|XP 017138005.1| PREDICTED: protein sprouty [Drosophila miranda]
>gi|1036826626|ref|XP_017137955.1| PREDICTED: iduronate 2-sulfatase [Drosophila miranda]
>gi|1036826643|ref|XP_017137956.1| PREDICTED: brain protein I3 [Drosophila miranda]
>gi|1036826607|ref|XP_017137954.1| PREDICTED: cell division cycle protein 48 homolog [Drosophi
>gi|1036824580|ref|XP_017137843.1| PREDICTED: YTH domain-containing protein 1 [Drosophila mirated]
>gi|1036824597|ref|XP_017137844.1| PREDICTED: osteopetrosis-associated transmembrane protein 1
>gi|1036782975|ref|XP_017135520.1| PREDICTED: spectrin beta chain, non-erythrocytic 5 isoform
>gi|1036782994|ref|XP_017135521.1| PREDICTED: spectrin beta chain, non-erythrocytic 5 isoform
>gi|1036783031|ref|XP_017135523.1| PREDICTED: spectrin beta chain, non-erythrocytic 5 isoform
>gi|1036783050|ref|XP_017135525.1| PREDICTED: spectrin beta chain, non-erythrocytic 5 isoform
>gi|1036783012|ref|XP_017135522.1| PREDICTED: spectrin beta chain, non-erythrocytic 5 isoform
>gi|1036768461|ref|XP 017134683.1| PREDICTED: uncharacterized protein LOC108150885 [Drosophila
>gi|1036790307|ref|XP_017135939.1| PREDICTED: calcium uniporter protein, mitochondrial isoform
>gi|1036790326|ref|XP 017135940.1| PREDICTED: calcium uniporter protein, mitochondrial isoform
>gi|1036790345|ref|XP_017135941.1| PREDICTED: calcium uniporter protein, mitochondrial isoform
>gi|1036790288|ref|XP 017135938.1| PREDICTED: uncharacterized protein LOC108151696 [Drosophila
>gi|1036790364|ref|XP_017135942.1| PREDICTED: serine protease nudel [Drosophila miranda]
>gi|1036790382|ref|XP_017135943.1| PREDICTED: small RNA degrading nuclease 5 [Drosophila miran-
>gi|1036790400|ref|XP_017135944.1| PREDICTED: innexin inx4 [Drosophila miranda]
>gi|1036845115|ref|XP_017138989.1| PREDICTED: uncharacterized protein LOC108153468 [Drosophila
>gi|1036851110|ref|XP_017139328.1| PREDICTED: glutamate receptor 1 [Drosophila miranda]
>gi|1036766014|ref|XP_017134552.1| PREDICTED: eukaryotic translation initiation factor 4E [Dros
>gi|1036761472|ref|XP_017156960.1| PREDICTED: uncharacterized protein CG32395 [Drosophila mirated
>gi|1036841317|ref|XP_017138793.1| PREDICTED: uncharacterized protein LOC108153347 [Drosophila
>gi|1036841336|ref|XP_017138794.1| PREDICTED: uncharacterized protein LOC108153347 [Drosophila
>gi|1036850875|ref|XP_017139315.1| PREDICTED: ras-related and estrogen-regulated growth inhibit
>gi|1036847779|ref|XP_017139134.1| PREDICTED: tyrosine 3-monooxygenase [Drosophila miranda]
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>gi|1036788370|ref|XP_017135826.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036788318|ref|XP_017135825.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036797211|ref|XP 017136328.1| PREDICTED: uncharacterized protein LOC108151921 isoform X1
>gi|1036797226|ref|XP_017136329.1| PREDICTED: uncharacterized protein LOC108151921 isoform X2
>gi|1036797245|ref|XP 017136330.1| PREDICTED: uncharacterized protein LOC108151921 isoform X3
>gi|1036797282|ref|XP_017136332.1| PREDICTED: ribosome maturation protein SBDS [Drosophila mire
>gi|1036797263|ref|XP 017136331.1| PREDICTED: LOW QUALITY PROTEIN: IST1 homolog [Drosophila min
>gi|1036827359|ref|XP_017137998.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036827321|ref|XP_017137996.1| PREDICTED: LOW QUALITY PROTEIN: POU domain protein CF1A [Dr
>gi|1036827340|ref|XP_017137997.1| PREDICTED: amidophosphoribosyltransferase [Drosophila miran-
>gi|1036807133|ref|XP_017136884.1| PREDICTED: transcription factor SPT20 homolog isoform X3 [Di
>gi|1036807152|ref|XP 017136885.1| PREDICTED: zinc carboxypeptidase [Drosophila miranda]
>gi|1036807099|ref|XP_017136882.1| PREDICTED: transcription factor SPT20 homolog isoform X1 [Di
>gi|1036807118|ref|XP_017136883.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036807083|ref|XP_017136881.1| PREDICTED: ATP-dependent RNA helicase dbp2 [Drosophila mirat
>gi|1036850635|ref|XP_017139301.1| PREDICTED: uncharacterized protein LOC108153688 [Drosophila
>gi|1036846639|ref|XP_017139069.1| PREDICTED: guanine nucleotide-binding protein G(f) subunit
>gi|1036842128|ref|XP 017138830.1| PREDICTED: coatomer subunit zeta-1 [Drosophila miranda]
>gi|1036850128|ref|XP_017139272.1| PREDICTED: coiled-coil domain-containing protein 13 isoform
>gi|1036850146|ref|XP 017139273.1| PREDICTED: coiled-coil domain-containing protein 13 isoform
>gi|1036814831|ref|XP_017137302.1| PREDICTED: POU domain, class 3, transcription factor 2 [Dros
>gi|1036814810|ref|XP 017137301.1| PREDICTED: LIM and SH3 domain protein Lasp isoform X4 [Dros
>gi|1036814792|ref|XP_017137300.1| PREDICTED: LIM and SH3 domain protein Lasp isoform X3 [Dros
>gi|1036814773|ref|XP_017137299.1| PREDICTED: LIM and SH3 domain protein Lasp isoform X2 [Dros
>gi|1036814754|ref|XP_017137298.1| PREDICTED: LIM and SH3 domain protein Lasp isoform X1 [Dros
>gi|1036810847|ref|XP_017137087.1| PREDICTED: protein disabled [Drosophila miranda]
>gi|1036810866|ref|XP_017137088.1| PREDICTED: uncharacterized protein LOC108152337 [Drosophila
>gi|1036768756|ref|XP_017134699.1| PREDICTED: cuticlin-2 [Drosophila miranda]
>gi|1036827652|ref|XP_017138016.1| PREDICTED: uncharacterized protein LOC108152888 [Drosophila
>gi|1036827633|ref|XP_017138015.1| PREDICTED: peptidoglycan-recognition protein SB2 [Drosophile
>gi|1036827614|ref|XP_017138014.1| PREDICTED: peptidoglycan-recognition protein SB1 [Drosophile
>gi|1036827595|ref|XP_017138013.1| PREDICTED: probable ATP-dependent RNA helicase Dbp73D [Dros
>gi|1036844534|ref|XP 017138964.1| PREDICTED: myrosinase 1 [Drosophila miranda]
>gi|1036789625|ref|XP_017135901.1| PREDICTED: neurotactin isoform X1 [Drosophila miranda]
>gi|1036789644|ref|XP 017135902.1| PREDICTED: neurotactin isoform X1 [Drosophila miranda]
>gi|1036789662|ref|XP_017135903.1| PREDICTED: neurotactin isoform X2 [Drosophila miranda]
>gi|1036789680|ref|XP_017135904.1| PREDICTED: E3 ubiquitin-protein ligase RFWD3 [Drosophila mi
>gi|1036789698|ref|XP_017135905.1| PREDICTED: cold shock domain-containing protein CG9705 [Dros
>gi|1036789716|ref|XP_017135906.1| PREDICTED: cold shock domain-containing protein CG9705 [Dros
>gi|1036789735|ref|XP_017135907.1| PREDICTED: cold shock domain-containing protein CG9705 [Dros
>gi|1036817427|ref|XP_017137448.1| PREDICTED: uncharacterized protein LOC108152547 [Drosophila
>gi|1036826463|ref|XP_017137946.1| PREDICTED: uncharacterized protein LOC108152846 isoform X1
>gi|1036826481|ref|XP_017137947.1| PREDICTED: uncharacterized protein LOC108152846 isoform X1
>gi|1036826552|ref|XP 017137951.1| PREDICTED: ephexin-1 isoform X3 [Drosophila miranda]
>gi|1036826570|ref|XP_017137952.1| PREDICTED: ephexin-1 isoform X4 [Drosophila miranda]
>gi|1036826497|ref|XP_017137948.1| PREDICTED: uncharacterized protein LOC108152846 isoform X2
>gi|1036826515|ref|XP_017137949.1| PREDICTED: uncharacterized protein LOC108152846 isoform X2
>gi|1036826534|ref|XP_017137950.1| PREDICTED: uncharacterized protein LOC108152846 isoform X2
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>gi|1036807866|ref|XP_017136924.1| PREDICTED: 2-oxoglutarate dehydrogenase, mitochondrial isof
>gi|1036807788|ref|XP_017136920.1| PREDICTED: 2-oxoglutarate dehydrogenase-like, mitochondrial
>gi|1036807847|ref|XP_017136923.1| PREDICTED: 2-oxoglutarate dehydrogenase, mitochondrial isof
>gi|1036807807|ref|XP_017136921.1| PREDICTED: 2-oxoglutarate dehydrogenase-like, mitochondrial
>gi|1036807828|ref|XP_017136922.1| PREDICTED: 2-oxoglutarate dehydrogenase-like, mitochondrial
>gi|1036761493|ref|XP_017156962.1| PREDICTED: general odorant-binding protein 70 [Drosophila m
>gi|1036807885|ref|XP 017136925.1| PREDICTED: fibroin heavy chain isoform X1 [Drosophila miran
>gi|1036807907|ref|XP_017136926.1| PREDICTED: keratin, type I cytoskeletal 9 isoform X2 [Droso
>gi|1036761512|ref|XP_017156963.1| PREDICTED: uncharacterized protein LOC108165435 [Drosophila
>gi|1036848014|ref|XP_017139148.1| PREDICTED: uncharacterized protein LOC108153578 isoform X2
>gi|1036848033|ref|XP_017139149.1| PREDICTED: uncharacterized protein LOC108153578 isoform X3
>gi|1036847997|ref|XP_017139147.1| PREDICTED: uncharacterized protein LOC108153578 isoform X1
>gi|1036764820|ref|XP_017157138.1| PREDICTED: protein app1 [Drosophila miranda]
>gi|1036767699|ref|XP_017134641.1| PREDICTED: uncharacterized protein LOC108150848 [Drosophila
>gi|1036804065|ref|XP_017136714.1| PREDICTED: prickle-like protein 3 isoform X5 [Drosophila mi
>gi|1036804046|ref|XP_017136713.1| PREDICTED: four and a half LIM domains protein 2 isoform X4
>gi|1036804083|ref|XP_017136715.1| PREDICTED: prickle-like protein 3 isoform X6 [Drosophila mi
>gi|1036804011|ref|XP_017136710.1| PREDICTED: trichohyalin isoform X2 [Drosophila miranda]
>gi|1036804105|ref|XP_017136716.1| PREDICTED: four and a half LIM domains protein 2 isoform X7
>gi|1036804122|ref|XP 017136717.1| PREDICTED: four and a half LIM domains protein 2 isoform X8
>gi|1036804029|ref|XP_017136711.1| PREDICTED: trichohyalin isoform X3 [Drosophila miranda]
>gi|1036803992|ref|XP 017136709.1| PREDICTED: trichohyalin isoform X1 [Drosophila miranda]
>gi|1036804141|ref|XP_017136718.1| PREDICTED: peptidyl-prolyl cis-trans isomerase CYP95 [Droso
>gi|1036840242|ref|XP_017138731.1| PREDICTED: coiled-coil domain-containing protein 22 homolog
>gi|1036787262|ref|XP_017135764.1| PREDICTED: opsin Rh4 [Drosophila miranda]
>gi|1036787297|ref|XP_017135765.1| PREDICTED: probable E3 ubiquitin-protein ligase sinah [Dros
>gi|1036787318|ref|XP_017135767.1| PREDICTED: E3 ubiquitin-protein ligase sina [Drosophila mire
>gi|1036787337|ref|XP_017135768.1| PREDICTED: E3 ubiquitin-protein ligase sina [Drosophila mire
>gi|1036761531|ref|XP_017156964.1| PREDICTED: uncharacterized protein LOC108165436 [Drosophila
>gi|1036787353|ref|XP_017135769.1| PREDICTED: uncharacterized protein LOC108151600 [Drosophila
>gi|1036802830|ref|XP_017136643.1| PREDICTED: transmembrane protein 258 homolog [Drosophila mi
>gi|1036802792|ref|XP_017136641.1| PREDICTED: tumor susceptibility gene 101 protein isoform X1
>gi|1036802811|ref|XP_017136642.1| PREDICTED: tumor susceptibility gene 101 protein isoform X2
>gi|1036802866|ref|XP_017136646.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 6
>gi|1036802848|ref|XP_017136645.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 6
>gi|1036838660|ref|XP_017138646.1| PREDICTED: uncharacterized protein LOC108153285 [Drosophila
>gi|1036838641|ref|XP_017138645.1| PREDICTED: rhythmically expressed gene 2 protein [Drosophile
>gi|1036800197|ref|XP_017136496.1| PREDICTED: UDP-glucose 4-epimerase [Drosophila miranda]
>gi|1036800216|ref|XP_017136497.1| PREDICTED: UDP-glucose 4-epimerase [Drosophila miranda]
>gi|1036800253|ref|XP_017136499.1| PREDICTED: uncharacterized protein C45G9.7 [Drosophila mirated]
>gi|1036800235|ref|XP_017136498.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036800178|ref|XP_017136495.1| PREDICTED: DNA repair protein REV1 [Drosophila miranda]
>gi|1036834067|ref|XP_017138372.1| PREDICTED: uncharacterized protein LOC108153099 [Drosophila
>gi|1036842235|ref|XP_017138837.1| PREDICTED: uncharacterized protein LOC108153377 [Drosophila
>gi|1036842254|ref|XP_017138838.1| PREDICTED: uncharacterized protein LOC108153377 [Drosophila
>gi|1036836483|ref|XP_017138512.1| PREDICTED: uncharacterized protein LOC108153202 [Drosophila
>gi|1036809010|ref|XP_017136986.1| PREDICTED: retinoid-inducible serine carboxypeptidase [Dros
>gi|1036809028|ref|XP_017136987.1| PREDICTED: retinoid-inducible serine carboxypeptidase [Dros
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>gi|1036809064|ref|XP_017136989.1| PREDICTED: ras-related protein Rab-14 [Drosophila miranda]
>gi|1036809046|ref|XP_017136988.1| PREDICTED: vesicle transport through interaction with t-SNA
>gi|1036808993|ref|XP_017136985.1| PREDICTED: LOW QUALITY PROTEIN: mediator of RNA polymerase
>gi|1036832798|ref|XP_017138308.1| PREDICTED: uncharacterized protein LOC108153047 isoform X2
>gi|1036832720|ref|XP 017138304.1| PREDICTED: uncharacterized protein LOC108153047 isoform X1
>gi|1036832741|ref|XP_017138305.1| PREDICTED: uncharacterized protein LOC108153047 isoform X1
>gi|1036832760|ref|XP 017138306.1| PREDICTED: uncharacterized protein LOC108153047 isoform X1
>gi|1036832779|ref|XP_017138307.1| PREDICTED: uncharacterized protein LOC108153047 isoform X1
>gi|1036851636|ref|XP_017139360.1| PREDICTED: cuticle protein 16.5-like [Drosophila miranda]
>gi|1036851656|ref|XP_017139361.1| PREDICTED: cuticle protein 38-like [Drosophila miranda]
>gi|1036851420|ref|XP_017139347.1| PREDICTED: cuticle protein 38-like [Drosophila miranda]
>gi|1036851402|ref|XP_017139345.1| PREDICTED: cuticle protein 16.5-like [Drosophila miranda]
>gi|1036816806|ref|XP_017137415.1| PREDICTED: histone-lysine N-methyltransferase 2D [Drosophile]
>gi|1036816825|ref|XP_017137416.1| PREDICTED: protein extra-macrochaetae [Drosophila miranda]
>gi|1036798180|ref|XP_017136382.1| PREDICTED: splicing factor 3B subunit 3 isoform X1 [Drosoph
>gi|1036798199|ref|XP_017136383.1| PREDICTED: splicing factor 3B subunit 3 isoform X2 [Drosoph
>gi|1036798218|ref|XP_017136384.1| PREDICTED: splicing factor 3B subunit 3 isoform X3 [Drosoph
>gi|1036798253|ref|XP_017136386.1| PREDICTED: uncharacterized protein LOC108151958 [Drosophila
>gi|1036798235|ref|XP_017136385.1| PREDICTED: kidney mitochondrial carrier protein 1 [Drosophi
>gi|1036765762|ref|XP 017134538.1| PREDICTED: vacuole membrane protein 1 [Drosophila miranda]
>gi|1036826695|ref|XP_017137960.1| PREDICTED: uncharacterized protein LOC108152853 [Drosophila
>gi|1036826711|ref|XP 017137961.1| PREDICTED: uncharacterized protein LOC108152853 [Drosophila
>gi|1036826729|ref|XP_017137962.1| PREDICTED: ubiquitin-conjugating enzyme E2-22 kDa-like [Dros
>gi|1036826660|ref|XP_017137957.1| PREDICTED: gustatory receptor 68a [Drosophila miranda]
>gi|1036826677|ref|XP_017137959.1| PREDICTED: gustatory receptor 68a [Drosophila miranda]
>gi|1036761550|ref|XP_017156965.1| PREDICTED: LOW QUALITY PROTEIN: 2-oxoglutarate dehydrogenas
>gi|1036767830|ref|XP_017134648.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036807170|ref|XP_017136886.1| PREDICTED: phosphatidylinositol 4-phosphate 3-kinase C2 dom
>gi|1036807187|ref|XP_017136887.1| PREDICTED: phosphatidylinositol 4-phosphate 3-kinase C2 dom
>gi|1036807206|ref|XP_017136888.1| PREDICTED: phosphatidylinositol 4-phosphate 3-kinase C2 dom
>gi|1036807244|ref|XP_017136891.1| PREDICTED: uncharacterized protein LOC108152221 [Drosophila
>gi|1036807225|ref|XP_017136889.1| PREDICTED: uncharacterized protein LOC108152220 isoform X2
>gi|1036782214|ref|XP_017135475.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1036782252|ref|XP_017135478.1| PREDICTED: peptidyl-prolyl cis-trans isomerase CWC27 homology
>gi|1036782232|ref|XP 017135476.1| PREDICTED: kinesin-like protein Klp68D [Drosophila miranda]
>gi|1036782288|ref|XP_017135480.1| PREDICTED: 2-amino-3-ketobutyrate coenzyme A ligase, mitoch
>gi|1036782175|ref|XP_017135473.1| PREDICTED: cubilin homolog isoform X1 [Drosophila miranda]
>gi|1036782196|ref|XP_017135474.1| PREDICTED: cubilin homolog isoform X2 [Drosophila miranda]
>gi|1036782305|ref|XP_017135481.1| PREDICTED: uncharacterized protein LOC108151404 [Drosophila
>gi|1036782270|ref|XP_017135479.1| PREDICTED: uncharacterized protein LOC108151402 [Drosophila
>gi|1036782324|ref|XP_017135482.1| PREDICTED: 60S ribosomal protein L10a-2 [Drosophila miranda]
>gi|1036793404|ref|XP_017136111.1| PREDICTED: uncharacterized protein LOC108151779 [Drosophila
>gi|1036793465|ref|XP 017136115.1| PREDICTED: NADH-cytochrome b5 reductase 3 isoform X1 [Droso
>gi|1036793484|ref|XP_017136116.1| PREDICTED: NADH-cytochrome b5 reductase 3 isoform X2 [Droso
>gi|1036793423|ref|XP_017136112.1| PREDICTED: G2/mitotic-specific cyclin-A [Drosophila miranda]
>gi|1036793446|ref|XP_017136114.1| PREDICTED: RIB43A-like with coiled-coils protein 2 [Drosoph
>gi|1036843187|ref|XP_017138889.1| PREDICTED: alpha-ketoglutarate-dependent dioxygenase alkB h
>gi|1036843262|ref|XP_017138893.1| PREDICTED: BPTI/Kunitz domain-containing protein-like [Dros
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>gi|1036843223|ref|XP_017138891.1| PREDICTED: uncharacterized protein LOC108153408 isoform X1
>gi|1036843241|ref|XP_017138892.1| PREDICTED: BPTI/Kunitz domain-containing protein-like isofo
>gi|1036843206|ref|XP_017138890.1| PREDICTED: kunitz-type serine protease inhibitor NACI [Dros
>gi|1036761570|ref|XP_017156966.1| PREDICTED: palmitoleoyl-protein carboxylesterase NOTUM [Dros
>gi|1036808506|ref|XP 017136961.1| PREDICTED: uncharacterized protein LOC108152263 isoform X1
>gi|1036808524|ref|XP_017136962.1| PREDICTED: uncharacterized protein LOC108152263 isoform X1
>gi|1036808542|ref|XP 017136963.1| PREDICTED: uncharacterized protein LOC108152263 isoform X1
>gi|1036808560|ref|XP_017136964.1| PREDICTED: uncharacterized protein LOC108152263 isoform X1
>gi|1036808579|ref|XP_017136965.1| PREDICTED: uncharacterized protein LOC108152263 isoform X1
>gi|1036808618|ref|XP_017136967.1| PREDICTED: uncharacterized protein LOC108152263 isoform X3
>gi|1036808599|ref|XP_017136966.1| PREDICTED: probable RNA-binding protein orb2 isoform X2 [Dropout National Content of the Co
>gi|1036808636|ref|XP 017136968.1| PREDICTED: gram-negative bacteria-binding protein 3 [Drosop.
>gi|1036793983|ref|XP_017136142.1| PREDICTED: 50S ribosomal protein L7/L12 [Drosophila miranda]
>gi|1036793945|ref|XP_017136140.1| PREDICTED: uncharacterized protein LOC108151800 [Drosophila
>gi|1036793925|ref|XP_017136139.1| PREDICTED: valine--tRNA ligase, mitochondrial [Drosophila m
>gi|1036793887|ref|XP_017136137.1| PREDICTED: coatomer subunit alpha [Drosophila miranda]
>gi|1036793906|ref|XP_017136138.1| PREDICTED: coatomer subunit alpha [Drosophila miranda]
>gi|1036793964|ref|XP_017136141.1| PREDICTED: protein big brother [Drosophila miranda]
>gi|1036831812|ref|XP_017138253.1| PREDICTED: methyltransferase-like protein isoform X2 [Droso
>gi|1036831793|ref|XP 017138252.1| PREDICTED: methyltransferase-like protein isoform X1 [Droso
>gi|1036831846|ref|XP_017138256.1| PREDICTED: vesicle-associated membrane protein 2 isoform X2
>gi|1036831865|ref|XP 017138257.1| PREDICTED: vesicle-associated membrane protein 2 isoform X3
>gi|1036831829|ref|XP_017138255.1| PREDICTED: vesicle-associated membrane protein 2 isoform X1
>gi|1036831901|ref|XP 017138258.1| PREDICTED: vesicle-associated membrane protein 2 isoform X4
>gi|1036793173|ref|XP_017136101.1| PREDICTED: uncharacterized protein LOC108151768 [Drosophila
>gi|1036793062|ref|XP_017136095.1| PREDICTED: vitamin K-dependent gamma-carboxylase isoform X1
>gi|1036793079|ref|XP_017136096.1| PREDICTED: vitamin K-dependent gamma-carboxylase isoform X2
>gi|1036793043|ref|XP_017136094.1| PREDICTED: ATP-binding cassette sub-family B member 7, mito-
>gi|1036793025|ref|XP_017136093.1| PREDICTED: ATP-binding cassette sub-family B member 7, mito-
>gi|1036793154|ref|XP_017136100.1| PREDICTED: SET domain-containing protein 4 [Drosophila mirated]
>gi|1036793191|ref|XP_017136102.1| PREDICTED: protein OPI10 homolog [Drosophila miranda]
>gi|1036793006|ref|XP_017136092.1| PREDICTED: 2-oxoglutarate dehydrogenase, mitochondrial [Droplet of the control of the contr
>gi|1036792988|ref|XP 017136091.1| PREDICTED: uncharacterized protein LOC108151760 [Drosophila
>gi|1036793118|ref|XP_017136098.1| PREDICTED: uncharacterized protein LOC108151765 isoform X2
>gi|1036793099|ref|XP 017136097.1| PREDICTED: uncharacterized protein LOC108151765 isoform X1
>gi|1036793135|ref|XP_017136099.1| PREDICTED: uncharacterized protein LOC108151765 isoform X3
>gi|1036795601|ref|XP_017136237.1| PREDICTED: TOX high mobility group box family member 4-like
>gi|1036761589|ref|XP_017156967.1| PREDICTED: TOX high mobility group box family member 4-like
>gi|1036795513|ref|XP_017136232.1| PREDICTED: uncharacterized protein LOC108151859 [Drosophila
>gi|1036795531|ref|XP_017136233.1| PREDICTED: uncharacterized protein LOC108151859 [Drosophila
>gi|1036795550|ref|XP_017136234.1| PREDICTED: uncharacterized protein LOC108151859 [Drosophila
>gi|1036795566|ref|XP_017136235.1| PREDICTED: uncharacterized protein LOC108151859 [Drosophila
>gi|1036795584|ref|XP 017136236.1| PREDICTED: uncharacterized protein LOC108151859 [Drosophila
>gi|1036851274|ref|XP_017139338.1| PREDICTED: uncharacterized protein LOC108153721 isoform X1
>gi|1036851292|ref|XP_017139339.1| PREDICTED: ninjurin-2 isoform X2 [Drosophila miranda]
>gi|1036837030|ref|XP_017138544.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036837049|ref|XP_017138545.1| PREDICTED: uncharacterized protein LOC108153226 [Drosophila
>gi|1036837011|ref|XP_017138543.1| PREDICTED: guanylate kinase [Drosophila miranda]
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>gi|1036761608|ref|XP 017156968.1| PREDICTED: LOW QUALITY PROTEIN: DNA polymerase delta small:
>gi|1036842162|ref|XP_017138832.1| PREDICTED: WD repeat-containing protein 35 isoform X2 [Dros
>gi|1036842144|ref|XP_017138831.1| PREDICTED: WD repeat-containing protein 35 isoform X1 [Dros
>gi|1036851364|ref|XP_017139343.1| PREDICTED: uncharacterized protein At4g17910 isoform X1 [Dr
>gi|1036851383|ref|XP 017139344.1| PREDICTED: uncharacterized protein At4g17910 isoform X2 [Dr.
>gi|1036835025|ref|XP_017138425.1| PREDICTED: glycerol kinase [Drosophila miranda]
>gi|1036835043|ref|XP_017138427.1| PREDICTED: glycerol kinase [Drosophila miranda]
>gi|1036817538|ref|XP_017137455.1| PREDICTED: uncharacterized protein LOC108152552 isoform X1
>gi|1036817559|ref|XP_017137456.1| PREDICTED: uncharacterized protein LOC108152552 isoform X2
>gi|1036817578|ref|XP_017137457.1| PREDICTED: uncharacterized protein LOC108152552 isoform X3
>gi|1036817597|ref|XP_017137458.1| PREDICTED: uncharacterized protein LOC108152552 isoform X4
>gi|1036817615|ref|XP_017137459.1| PREDICTED: probable chitinase 2 isoform X1 [Drosophila mirate
>gi|1036817635|ref|XP_017137460.1| PREDICTED: probable chitinase 2 isoform X2 [Drosophila mirate
>gi|1036817655|ref|XP_017137462.1| PREDICTED: probable chitinase 2 isoform X2 [Drosophila mirate
>gi|1036813090|ref|XP_017137202.1| PREDICTED: membrane-associated protein Hem [Drosophila mirates]
>gi|1036813184|ref|XP_017137207.1| PREDICTED: SRSF protein kinase 3 isoform X5 [Drosophila mire
>gi|1036813145|ref|XP_017137205.1| PREDICTED: SRSF protein kinase 1 isoform X3 [Drosophila mire
>gi|1036813166|ref|XP_017137206.1| PREDICTED: SRSF protein kinase 3 isoform X4 [Drosophila mire
>gi|1036813126|ref|XP_017137204.1| PREDICTED: SRSF protein kinase 1 isoform X2 [Drosophila mire
>gi|1036813108|ref|XP 017137203.1| PREDICTED: SRSF protein kinase 1 isoform X1 [Drosophila mire
>gi|1036823186|ref|XP_017137764.1| PREDICTED: dnaJ homolog subfamily C member 5 homolog isoform
>gi|1036823168|ref|XP_017137763.1| PREDICTED: dnaJ homolog subfamily C member 5 homolog isoform
>gi|1036837740|ref|XP_017138588.1| PREDICTED: pancreatic lipase-related protein 3 [Drosophila i
>gi|1036837646|ref|XP_017138582.1| PREDICTED: speract receptor isoform X1 [Drosophila miranda]
>gi|1036837683|ref|XP_017138584.1| PREDICTED: speract receptor isoform X3 [Drosophila miranda]
>gi|1036837664|ref|XP_017138583.1| PREDICTED: speract receptor isoform X2 [Drosophila miranda]
>gi|1036837702|ref|XP_017138585.1| PREDICTED: speract receptor isoform X4 [Drosophila miranda]
>gi|1036845743|ref|XP_017139018.1| PREDICTED: uncharacterized protein LOC108153488 isoform X2
>gi|1036845724|ref|XP_017139017.1| PREDICTED: uncharacterized protein LOC108153488 isoform X1
>gi|1036818834|ref|XP_017137530.1| PREDICTED: BAG domain-containing protein Samui isoform X1 [
>gi|1036818873|ref|XP_017137532.1| PREDICTED: BAG domain-containing protein Samui isoform X3 [
>gi|1036818854|ref|XP 017137531.1| PREDICTED: BAG domain-containing protein Samui isoform X2 [
>gi|1036818892|ref|XP_017137533.1| PREDICTED: BAG domain-containing protein Samui isoform X4 [
>gi|1036818913|ref|XP 017137534.1| PREDICTED: BAG domain-containing protein Samui isoform X5 [
>gi|1036818931|ref|XP_017137535.1| PREDICTED: BAG domain-containing protein Samui isoform X5 [
>gi|1036818951|ref|XP_017137536.1| PREDICTED: drebrin-like protein [Drosophila miranda]
>gi|1036785030|ref|XP_017135640.1| PREDICTED: protein suppressor of hairy wing [Drosophila mire
>gi|1036785012|ref|XP_017135639.1| PREDICTED: protein-cysteine N-palmitoyltransferase Rasp [Dr
>gi|1036784993|ref|XP_017135638.1| PREDICTED: uncharacterized protein LOC108151504 [Drosophila
>gi|1036785049|ref|XP_017135641.1| PREDICTED: NADH dehydrogenase [ubiquinone] iron-sulfur protestions are suppressed in the control of the co
>gi|1036784938|ref|XP_017135634.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X1
>gi|1036784974|ref|XP_017135636.1| PREDICTED: longitudinals lacking protein, isoforms A/B/D/L
>gi|1036784956|ref|XP_017135635.1| PREDICTED: longitudinals lacking protein, isoforms A/B/D/L
>gi|1036792881|ref|XP_017136085.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 5 [Drosoph
>gi|1036792899|ref|XP_017136086.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 5 [Drosoph
>gi|1036792917|ref|XP_017136087.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 5 [Drosoph
>gi|1036792971|ref|XP_017136090.1| PREDICTED: alpha-1,3/1,6-mannosyltransferase ALG2 [Drosophi
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>gi|1036792934|ref|XP_017136088.1| PREDICTED: hippocampus abundant transcript 1 protein isoform
>gi|1036847642|ref|XP 017139126.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1036805614|ref|XP_017136802.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1036805633|ref|XP 017136803.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1036805652|ref|XP_017136804.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1036805689|ref|XP 017136806.1| PREDICTED: prominin-like protein isoform X3 [Drosophila mire
>gi|1036805670|ref|XP_017136805.1| PREDICTED: prominin-like protein isoform X2 [Drosophila mire
>gi|1036805708|ref|XP_017136807.1| PREDICTED: prominin-like protein isoform X4 [Drosophila mire
>gi|1036805727|ref|XP_017136809.1| PREDICTED: prominin-like protein isoform X5 [Drosophila mire
>gi|1036845685|ref|XP_017139015.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036840034|ref|XP 017138719.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1036840051|ref|XP_017138720.1| PREDICTED: prominin-like protein isoform X2 [Drosophila mire
>gi|1036811818|ref|XP_017137139.1| PREDICTED: PAB-dependent poly(A)-specific ribonuclease subu
>gi|1036811799|ref|XP_017137138.1| PREDICTED: PAB-dependent poly(A)-specific ribonuclease subu
>gi|1036811780|ref|XP_017137137.1| PREDICTED: PAB-dependent poly(A)-specific ribonuclease subu
>gi|1036811837|ref|XP_017137140.1| PREDICTED: PAB-dependent poly(A)-specific ribonuclease subu
>gi|1036780403|ref|XP 017135371.1| PREDICTED: cysteine and histidine-rich protein 1 homolog [Di
>gi|1036780442|ref|XP_017135373.1| PREDICTED: protein FAM207A [Drosophila miranda]
>gi|1036780365|ref|XP 017135368.1| PREDICTED: cyclin-dependent kinase 8 [Drosophila miranda]
>gi|1036780330|ref|XP_017135367.1| PREDICTED: putative glycerol kinase 5 [Drosophila miranda]
>gi|1036780422|ref|XP_017135372.1| PREDICTED: CRAL-TRIO domain-containing protein C3H8.02 [Drop
>gi|1036780296|ref|XP_017135365.1| PREDICTED: sphingosine kinase 2 [Drosophila miranda]
>gi|1036780311|ref|XP_017135366.1| PREDICTED: dnaJ homolog subfamily C member 2 [Drosophila mi
>gi|1036780384|ref|XP_017135369.1| PREDICTED: islet cell autoantigen 1 [Drosophila miranda]
>gi|1036823112|ref|XP_017137759.1| PREDICTED: uncharacterized protein LOC108152730 [Drosophila
>gi|1036823129|ref|XP_017137760.1| PREDICTED: uncharacterized protein LOC108152730 [Drosophila
>gi|1036823147|ref|XP_017137761.1| PREDICTED: uncharacterized protein LOC108152731 [Drosophila
>gi|1036822457|ref|XP_017137721.1| PREDICTED: dnaJ protein homolog 1-like isoform X1 [Drosophi
>gi|1036822476|ref|XP_017137722.1| PREDICTED: dnaJ protein homolog 1-like isoform X2 [Drosophi
>gi|1036822497|ref|XP_017137724.1| PREDICTED: LOW QUALITY PROTEIN: dnaJ protein homolog 1-like
>gi|1036761627|ref|XP_017156969.1| PREDICTED: enhancer of rudimentary homolog [Drosophila mirated]
>gi|1036845556|ref|XP 017139007.1| PREDICTED: uncharacterized protein LOC108153479 [Drosophila
>gi|1036845575|ref|XP_017139008.1| PREDICTED: uncharacterized protein LOC108153479 [Drosophila
>gi|1036764858|ref|XP 017157140.1| PREDICTED: phosphoglycolate phosphatase 2 [Drosophila miran
>gi|1036848219|ref|XP_017139158.1| PREDICTED: glycerol-3-phosphate phosphatase [Drosophila mire
>gi|1036848200|ref|XP_017139157.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1036850267|ref|XP_017139279.1| PREDICTED: FMRFamide receptor [Drosophila miranda]
>gi|1036822696|ref|XP_017137735.1| PREDICTED: carnitine O-palmitoyltransferase 2, mitochondria
>gi|1036822773|ref|XP_017137739.1| PREDICTED: odorant receptor 63a [Drosophila miranda]
>gi|1036822538|ref|XP_017137726.1| PREDICTED: potassium voltage-gated channel protein Shab iso:
>gi|1036822519|ref|XP_017137725.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822673|ref|XP_017137734.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822654|ref|XP_017137732.1| PREDICTED: uncharacterized protein LOC108152711 isoform X8
>gi|1036822635|ref|XP_017137731.1| PREDICTED: uncharacterized protein LOC108152711 isoform X7
>gi|1036822595|ref|XP 017137729.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822614|ref|XP_017137730.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822576|ref|XP 017137728.1| PREDICTED: potassium voltage-gated channel protein Shab iso
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>gi|1036792953|ref|XP\_017136089.1| PREDICTED: hippocampus abundant transcript 1 protein isoform

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>gi|1036822557|ref|XP_017137727.1| PREDICTED: potassium voltage-gated channel protein Shab iso:
>gi|1036822715|ref|XP_017137736.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036761646|ref|XP 017156970.1| PREDICTED: uncharacterized protein LOC108165443 [Drosophila
>gi|1036822734|ref|XP_017137737.1| PREDICTED: uncharacterized protein LOC108152714 [Drosophila
>gi|1036822754|ref|XP 017137738.1| PREDICTED: uncharacterized protein LOC108152714 [Drosophila
>gi|1036786583|ref|XP_017135729.1| PREDICTED: LOW QUALITY PROTEIN: DNA N6-methyl adenine demet
>gi|1036818382|ref|XP_017137503.1| PREDICTED: N-acetylgalactosaminyltransferase 6 [Drosophila 1
>gi|1036818400|ref|XP_017137504.1| PREDICTED: 28S ribosomal protein S35, mitochondrial [Drosop
>gi|1036809104|ref|XP_017136992.1| PREDICTED: pyridoxal kinase [Drosophila miranda]
>gi|1036809143|ref|XP_017136994.1| PREDICTED: uncharacterized protein LOC108152287 [Drosophila
>gi|1036809083|ref|XP_017136990.1| PREDICTED: kinesin-like protein KIF18A [Drosophila miranda]
>gi|1036809123|ref|XP 017136993.1| PREDICTED: ribosome-recycling factor, mitochondrial [Drosop.
>gi|1036831095|ref|XP_017138214.1| PREDICTED: protein FAM76A isoform X1 [Drosophila miranda]
>gi|1036831115|ref|XP_017138215.1| PREDICTED: uncharacterized protein LOC108152991 isoform X2
>gi|1036831151|ref|XP_017138217.1| PREDICTED: adrenodoxin-like protein, mitochondrial [Drosoph
>gi|1036831133|ref|XP_017138216.1| PREDICTED: heat shock protein 67B3 [Drosophila miranda]
>gi|1036845134|ref|XP_017138990.1| PREDICTED: heat shock protein 67B2 [Drosophila miranda]
>gi|1036845153|ref|XP 017138991.1| PREDICTED: heat shock protein 22 [Drosophila miranda]
>gi|1036832955|ref|XP_017138317.1| PREDICTED: heat shock protein 27 [Drosophila miranda]
>gi|1036832938|ref|XP 017138316.1| PREDICTED: heat shock protein 26 [Drosophila miranda]
>gi|1036832919|ref|XP_017138314.1| PREDICTED: uncharacterized protein LOC108153054 [Drosophila
>gi|1036845613|ref|XP 017139010.1| PREDICTED: heat shock protein 23 [Drosophila miranda]
>gi|1036816787|ref|XP_017137414.1| PREDICTED: LOW QUALITY PROTEIN: heat shock protein 27 [Dros
>gi|1036816764|ref|XP_017137413.1| PREDICTED: uncharacterized protein LOC108152523 [Drosophila
>gi|1036831436|ref|XP_017138233.1| PREDICTED: 40S ribosomal protein S17 [Drosophila miranda]
>gi|1036831417|ref|XP_017138232.1| PREDICTED: SHC-transforming protein 2 [Drosophila miranda]
>gi|1036798693|ref|XP_017136412.1| PREDICTED: phosphoserine phosphatase [Drosophila miranda]
>gi|1036798565|ref|XP_017136405.1| PREDICTED: alpha-tubulin N-acetyltransferase 1 isoform X1 [
>gi|1036798600|ref|XP_017136406.1| PREDICTED: alpha-tubulin N-acetyltransferase 1 isoform X1 [
>gi|1036798619|ref|XP_017136407.1| PREDICTED: alpha-tubulin N-acetyltransferase 1 isoform X1 [
>gi|1036798637|ref|XP 017136408.1| PREDICTED: alpha-tubulin N-acetyltransferase 1 isoform X1 [
>gi|1036798655|ref|XP_017136409.1| PREDICTED: alpha-tubulin N-acetyltransferase 1 isoform X2 [
>gi|1036798674|ref|XP 017136410.1| PREDICTED: ataxin-2 homolog [Drosophila miranda]
>gi|1036798711|ref|XP_017136413.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036798730|ref|XP 017136414.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036818252|ref|XP_017137495.1| PREDICTED: uncharacterized protein LOC108152569 [Drosophila
>gi|1036818271|ref|XP_017137497.1| PREDICTED: uncharacterized protein LOC108152570 [Drosophila
>gi|1036764038|ref|XP_017157101.1| PREDICTED: sentrin-specific protease 1-like [Drosophila mire
>gi|1036761663|ref|XP_017156971.1| PREDICTED: NADH-quinone oxidoreductase subunit C-like, part
>gi|1036790531|ref|XP_017135951.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790550|ref|XP_017135952.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790569|ref|XP_017135953.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790640|ref|XP_017135957.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790657|ref|XP_017135958.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790676|ref|XP_017135959.1| PREDICTED: mitogen-activated protein kinase kinase k
>gi|1036790588|ref|XP_017135954.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790769|ref|XP_017135964.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790695|ref|XP_017135960.1| PREDICTED: mitogen-activated protein kinase kinase kinase k
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>gi|1036790751|ref|XP_017135963.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790604|ref|XP_017135955.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X-
>gi|1036790622|ref|XP_017135956.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790714|ref|XP_017135961.1| PREDICTED: mitogen-activated protein kinase kinase kinase k
>gi|1036790733|ref|XP 017135962.1| PREDICTED: misshapen-like kinase 1 isoform X11 [Drosophila 1
>gi|1036841577|ref|XP_017138808.1| PREDICTED: 60S ribosomal protein L8 [Drosophila miranda]
>gi|1036794021|ref|XP 017136147.1| PREDICTED: protein daughter of sevenless [Drosophila mirand
>gi|1036794054|ref|XP_017136149.1| PREDICTED: enkurin [Drosophila miranda]
>gi|1036794038|ref|XP_017136148.1| PREDICTED: uncharacterized protein LOC108151806 [Drosophila
>gi|1036794088|ref|XP_017136151.1| PREDICTED: acyl-coenzyme A thioesterase 13-like [Drosophila
>gi|1036794071|ref|XP_017136150.1| PREDICTED: acyl-coenzyme A thioesterase 13-like [Drosophila
>gi|1036794105|ref|XP_017136152.1| PREDICTED: acyl-coenzyme A thioesterase 13 [Drosophila mirates
>gi|1036794123|ref|XP_017136153.1| PREDICTED: acyl-coenzyme A thioesterase 13 [Drosophila mirates
>gi|1036794002|ref|XP_017136143.1| PREDICTED: peroxidasin [Drosophila miranda]
>gi|1036804921|ref|XP_017136763.1| PREDICTED: uncharacterized protein KIAA1143 homolog [Drosop.
>gi|1036804845|ref|XP_017136758.1| PREDICTED: uncharacterized protein LOC108152153 isoform X1
>gi|1036804864|ref|XP_017136759.1| PREDICTED: uncharacterized protein LOC108152153 isoform X1
>gi|1036804883|ref|XP_017136760.1| PREDICTED: uncharacterized protein LOC108152153 isoform X2
>gi|1036804902|ref|XP_017136762.1| PREDICTED: uncharacterized protein LOC108152154 [Drosophila
>gi|1036851963|ref|XP 017139382.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1036840015|ref|XP_017138718.1| PREDICTED: uncharacterized protein LOC108153317 [Drosophila
>gi|1036839981|ref|XP_017138715.1| PREDICTED: probable proline--tRNA ligase, mitochondrial iso
>gi|1036840000|ref|XP_017138716.1| PREDICTED: probable proline--tRNA ligase, mitochondrial iso
>gi|1036831265|ref|XP_017138224.1| PREDICTED: snurportin-1 [Drosophila miranda]
>gi|1036831244|ref|XP_017138223.1| PREDICTED: uncharacterized protein LOC108152996 [Drosophila
>gi|1036831284|ref|XP_017138225.1| PREDICTED: uncharacterized protein LOC108152998 [Drosophila
>gi|1036833786|ref|XP_017138354.1| PREDICTED: signal recognition particle 54 kDa protein [Dros
>gi|1036772751|ref|XP_017134926.1| PREDICTED: flap endonuclease GEN [Drosophila miranda]
>gi|1036772677|ref|XP_017134922.1| PREDICTED: alanine--tRNA ligase, mitochondrial [Drosophila 1
>gi|1036772789|ref|XP_017134928.1| PREDICTED: FIT family protein CG10671 [Drosophila miranda]
>gi|1036772849|ref|XP_017134930.1| PREDICTED: ganglioside-induced differentiation-associated page 2 
>gi|1036772868|ref|XP_017134932.1| PREDICTED: ganglioside-induced differentiation-associated procedure of the procedure of th
>gi|1036772828|ref|XP_017134929.1| PREDICTED: ganglioside-induced differentiation-associated procedure of the procedure of th
>gi|1036772887|ref|XP_017134933.1| PREDICTED: dehydrogenase/reductase SDR family member 4 [Dros
>gi|1036772937|ref|XP 017134936.1| PREDICTED: charged multivesicular body protein 2b-B [Drosop
>gi|1036772920|ref|XP_017134935.1| PREDICTED: TP53-regulating kinase [Drosophila miranda]
>gi|1036772770|ref|XP_017134927.1| PREDICTED: pentatricopeptide repeat-containing protein 1, m
>gi|1036772954|ref|XP_017134937.1| PREDICTED: protein Asterix [Drosophila miranda]
>gi|1036772903|ref|XP_017134934.1| PREDICTED: ubiquitin thioesterase OTU1 [Drosophila miranda]
>gi|1036773045|ref|XP_017134941.1| PREDICTED: uncharacterized protein LOC108151073 [Drosophila
>gi|1036773020|ref|XP_017134940.1| PREDICTED: uncharacterized protein LOC108151072 [Drosophila
>gi|1036761681|ref|XP_017156972.1| PREDICTED: uncharacterized protein LOC108165445 [Drosophila
>gi|1036761700|ref|XP 017156973.1| PREDICTED: LOW QUALITY PROTEIN: myb-like protein AA [Drosop.
>gi|1036772969|ref|XP_017134938.1| PREDICTED: uncharacterized protein LOC108151070 [Drosophila
>gi|1036772986|ref|XP_017134939.1| PREDICTED: uncharacterized protein LOC108151070 [Drosophila
>gi|1036772696|ref|XP_017134923.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1036772715|ref|XP_017134924.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1036772733|ref|XP_017134925.1| PREDICTED: proteoglycan 4 isoform X2 [Drosophila miranda]
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>gi|1036772658|ref|XP 017134921.1| PREDICTED: helicase POLQ-like [Drosophila miranda]
>gi|1036792714|ref|XP_017136077.1| PREDICTED: protein IWS1 homolog A-like [Drosophila miranda]
>gi|1036792700|ref|XP_017136075.1| PREDICTED: uncharacterized ATP-dependent helicase C29A10.10
>gi|1036792733|ref|XP_017136078.1| PREDICTED: phosphatidate cytidylyltransferase, photoreceptor
>gi|1036827995|ref|XP 017138035.1| PREDICTED: SUMO-activating enzyme subunit 2 [Drosophila mire
>gi|1036799198|ref|XP_017136441.1| PREDICTED: uncharacterized protein LOC108151987 [Drosophila
>gi|1036799179|ref|XP 017136440.1| PREDICTED: 2-aminoethanethiol dioxygenase [Drosophila mirane
>gi|1036799161|ref|XP_017136439.1| PREDICTED: lariat debranching enzyme [Drosophila miranda]
>gi|1036799143|ref|XP_017136438.1| PREDICTED: importin-7 [Drosophila miranda]
>gi|1036812528|ref|XP_017137177.1| PREDICTED: actin-related protein 3 [Drosophila miranda]
>gi|1036812510|ref|XP_017137176.1| PREDICTED: transcription factor 25 [Drosophila miranda]
>gi|1036818098|ref|XP 017137487.1| PREDICTED: DENN domain-containing protein 5B isoform X1 [Dro
>gi|1036818115|ref|XP_017137488.1| PREDICTED: DENN domain-containing protein 5B isoform X1 [Dref|XP_017137488.1]
>gi|1036818134|ref|XP_017137489.1| PREDICTED: DENN domain-containing protein 5B isoform X1 [Dreft containing protein 5B isofor
>gi|1036818155|ref|XP_017137490.1| PREDICTED: DENN domain-containing protein 5B isoform X2 [Dref|XP_017137490.1]
>gi|1036837150|ref|XP_017138551.1| PREDICTED: protein phosphatase PTC7 homolog [Drosophila mire
>gi|1036779983|ref|XP_017135347.1| PREDICTED: DEP domain-containing protein 5 isoform X1 [Dros
>gi|1036780004|ref|XP 017135348.1| PREDICTED: DEP domain-containing protein 5 isoform X2 [Dros
>gi|1036780023|ref|XP_017135349.1| PREDICTED: DEP domain-containing protein 5 isoform X3 [Dros
>gi|1036780042|ref|XP 017135350.1| PREDICTED: DEP domain-containing protein 5 isoform X4 [Dros-
>gi|1036780061|ref|XP_017135351.1| PREDICTED: DEP domain-containing protein 5 isoform X5 [Dros
>gi|1036780079|ref|XP 017135352.1| PREDICTED: DEP domain-containing protein 5 isoform X6 [Dros-
>gi|1036780096|ref|XP_017135353.1| PREDICTED: DEP domain-containing protein 5 isoform X7 [Dros
>gi|1036780114|ref|XP_017135354.1| PREDICTED: DEP domain-containing protein 5 isoform X8 [Drose
>gi|1036780129|ref|XP_017135355.1| PREDICTED: DEP domain-containing protein 5 isoform X9 [Dros
>gi|1036780148|ref|XP_017135356.1| PREDICTED: DEP domain-containing protein 5 isoform X10 [Dros
>gi|1036780277|ref|XP_017135364.1| PREDICTED: uncharacterized protein LOC108151323 [Drosophila
>gi|1036780167|ref|XP_017135357.1| PREDICTED: puromycin-sensitive aminopeptidase isoform X1 [Di
>gi|1036780239|ref|XP_017135362.1| PREDICTED: puromycin-sensitive aminopeptidase isoform X3 [Di
>gi|1036780185|ref|XP_017135359.1| PREDICTED: puromycin-sensitive aminopeptidase isoform X2 [Di
>gi|1036780201|ref|XP_017135360.1| PREDICTED: puromycin-sensitive aminopeptidase isoform X2 [Di
>gi|1036780220|ref|XP_017135361.1| PREDICTED: puromycin-sensitive aminopeptidase isoform X2 [Di
>gi|1036780258|ref|XP_017135363.1| PREDICTED: protein cueball [Drosophila miranda]
>gi|1036836205|ref|XP_017138496.1| PREDICTED: uncharacterized protein LOC108153190 [Drosophila
>gi|1036761717|ref|XP 017156974.1| PREDICTED: protein TonB-like [Drosophila miranda]
>gi|1036838351|ref|XP_017138624.1| PREDICTED: protein trachealess-like [Drosophila miranda]
>gi|1036838239|ref|XP 017138618.1| PREDICTED: protein trachealess isoform X2 [Drosophila miran
>gi|1036838258|ref|XP_017138619.1| PREDICTED: protein trachealess isoform X3 [Drosophila miran
>gi|1036838220|ref|XP_017138617.1| PREDICTED: protein trachealess isoform X1 [Drosophila miran-
>gi|1036838332|ref|XP_017138623.1| PREDICTED: protein trachealess isoform X7 [Drosophila miran-
>gi|1036838296|ref|XP_017138621.1| PREDICTED: protein trachealess isoform X5 [Drosophila miran
>gi|1036838313|ref|XP 017138622.1| PREDICTED: protein trachealess isoform X6 [Drosophila mirane
>gi|1036838277|ref|XP_017138620.1| PREDICTED: protein trachealess isoform X4 [Drosophila miran-
>gi|1036774020|ref|XP_017135001.1| PREDICTED: uncharacterized protein LOC108151110 isoform X2
>gi|1036774039|ref|XP_017135002.1| PREDICTED: uncharacterized protein LOC108151110 isoform X3
>gi|1036774001|ref|XP_017135000.1| PREDICTED: uncharacterized protein LOC108151110 isoform X1
>gi|1036774058|ref|XP_017135003.1| PREDICTED: uncharacterized protein LOC108151110 isoform X4
>gi|1036774077|ref|XP_017135004.1| PREDICTED: nuclear anchorage protein 1 isoform X5 [Drosophi
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>gi|1036774114|ref|XP_017135006.1| PREDICTED: uncharacterized protein LOC108151112 [Drosophila
>gi|1036758187|ref|XP_017156762.1| PREDICTED: uncharacterized protein LOC108165234, partial [Di
>gi|1036774095|ref|XP_017135005.1| PREDICTED: uncharacterized protein LOC108151111 [Drosophila
>gi|1036842071|ref|XP_017138827.1| PREDICTED: uncharacterized protein C17orf59 homolog [Drosop
>gi|1036842090|ref|XP 017138828.1| PREDICTED: peptidyl-prolyl cis-trans isomerase-like 1 [Dros
>gi|1036847703|ref|XP_017139129.1| PREDICTED: BTB/POZ domain-containing adapter for CUL3-media
>gi|1036811761|ref|XP 017137136.1| PREDICTED: LOW QUALITY PROTEIN: homeodomain-interacting pro-
>gi|1036823205|ref|XP_017137765.1| PREDICTED: probable protein phosphatase 2C T23F11.1 [Drosop
>gi|1036838537|ref|XP_017138635.1| PREDICTED: probable protein phosphatase 2C T23F11.1 [Drosop
>gi|1036838518|ref|XP_017138634.1| PREDICTED: zinc finger protein 333 [Drosophila miranda]
>gi|1036807662|ref|XP_017136913.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036807681|ref|XP_017136914.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036807718|ref|XP_017136917.1| PREDICTED: SEC14-like protein 2 isoform X2 [Drosophila mirates
>gi|1036807699|ref|XP_017136916.1| PREDICTED: SEC14-like protein 2 isoform X1 [Drosophila mirates
>gi|1036852268|ref|XP_017139401.1| PREDICTED: protein rhomboid [Drosophila miranda]
>gi|1036852284|ref|XP_017139402.1| PREDICTED: protein rhomboid [Drosophila miranda]
>gi|1036852303|ref|XP_017139403.1| PREDICTED: protein rhomboid [Drosophila miranda]
>gi|1036761736|ref|XP_017156975.1| PREDICTED: DC-STAMP domain-containing protein 2 [Drosophila
>gi|1036851707|ref|XP_017139365.1| PREDICTED: uncharacterized protein LOC108153746 [Drosophila
>gi|1036851599|ref|XP 017139358.1| PREDICTED: alpha-(1,3)-fucosyltransferase C [Drosophila mire
>gi|1036850984|ref|XP_017139320.1| PREDICTED: cohesin subunit SA-1 [Drosophila miranda]
>gi|1036851001|ref|XP 017139321.1| PREDICTED: cohesin subunit SA-1 [Drosophila miranda]
>gi|1036841669|ref|XP_017138813.1| PREDICTED: protein rhomboid [Drosophila miranda]
>gi|1036767373|ref|XP_017134626.1| PREDICTED: N-alpha-acetyltransferase 30 [Drosophila miranda
>gi|1036829347|ref|XP_017138113.1| PREDICTED: protein rhomboid isoform X1 [Drosophila miranda]
>gi|1036829423|ref|XP_017138117.1| PREDICTED: protein rhomboid isoform X4 [Drosophila miranda]
>gi|1036829366|ref|XP_017138114.1| PREDICTED: protein rhomboid isoform X2 [Drosophila miranda]
>gi|1036829385|ref|XP_017138115.1| PREDICTED: protein rhomboid isoform X3 [Drosophila miranda]
>gi|1036829404|ref|XP_017138116.1| PREDICTED: protein rhomboid isoform X3 [Drosophila miranda]
>gi|1036831592|ref|XP_017138242.1| PREDICTED: protein zer-1 homolog isoform X2 [Drosophila mire
>gi|1036831533|ref|XP_017138239.1| PREDICTED: protein zer-1 homolog isoform X1 [Drosophila mir
>gi|1036831554|ref|XP_017138240.1| PREDICTED: protein zer-1 homolog isoform X1 [Drosophila mire
>gi|1036831573|ref|XP_017138241.1| PREDICTED: protein zer-1 homolog isoform X1 [Drosophila mire
>gi|1036825280|ref|XP_017137881.1| PREDICTED: poly(U)-binding-splicing factor half pint [Droso
>gi|1036791210|ref|XP 017135990.1| PREDICTED: cell division cycle 5-like protein [Drosophila m
>gi|1036791247|ref|XP_017135992.1| PREDICTED: RING-box protein 1B [Drosophila miranda]
>gi|1036791229|ref|XP_017135991.1| PREDICTED: uncharacterized protein LOC108151725 [Drosophila
>gi|1036791191|ref|XP_017135988.1| PREDICTED: bifunctional heparan sulfate N-deacetylase/N-sul
>gi|1036799780|ref|XP_017136473.1| PREDICTED: vacuolar protein sorting-associated protein 8 hor
>gi|1036799888|ref|XP_017136478.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036799817|ref|XP_017136475.1| PREDICTED: uncharacterized protein C18orf8 isoform X2 [Dros
>gi|1036799835|ref|XP_017136476.1| PREDICTED: uncharacterized protein C18orf8 isoform X3 [Dros
>gi|1036799798|ref|XP_017136474.1| PREDICTED: uncharacterized protein C18orf8 isoform X1 [Dros
>gi|1036799853|ref|XP_017136477.1| PREDICTED: zinc finger protein 93 [Drosophila miranda]
>gi|1036805182|ref|XP_017136778.1| PREDICTED: zinc finger protein 253-like isoform X1 [Drosoph
>gi|1036805202|ref|XP_017136779.1| PREDICTED: zinc finger protein 675-like isoform X2 [Drosoph
>gi|1036805220|ref|XP_017136780.1| PREDICTED: uncharacterized protein LOC108152169 [Drosophila
>gi|1036805239|ref|XP_017136782.1| PREDICTED: ubiquitin-conjugating enzyme E2 D4-like [Drosoph
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>gi|1036841716|ref|XP_017138817.1| PREDICTED: putative cyclin-dependent serine/threonine-prote
>gi|1036841731|ref|XP_017138818.1| PREDICTED: uncharacterized protein LOC108153362 [Drosophila
>gi|1036761754|ref|XP_017156976.1| PREDICTED: odorant receptor 65a-like [Drosophila miranda]
>gi|1036761770|ref|XP_017156977.1| PREDICTED: ubiquitin-conjugating enzyme E2 D4-like, partial
>gi|1036766030|ref|XP 017134553.1| PREDICTED: collagenase-like [Drosophila miranda]
>gi|1036761788|ref|XP_017156978.1| PREDICTED: uncharacterized protein LOC108165452 [Drosophila
>gi|1036761809|ref|XP_017156980.1| PREDICTED: protein phosphatase inhibitor 2-like [Drosophila
>gi|1036761827|ref|XP_017156981.1| PREDICTED: protein phosphatase inhibitor 2-like [Drosophila
>gi|1036847347|ref|XP_017139110.1| PREDICTED: protein phosphatase inhibitor 2-like isoform X3
>gi|1036847309|ref|XP_017139108.1| PREDICTED: protein phosphatase inhibitor 2-like isoform X1
>gi|1036847328|ref|XP_017139109.1| PREDICTED: protein phosphatase inhibitor 2-like isoform X2
>gi|1036762929|ref|XP_017157042.1| PREDICTED: L-lactate dehydrogenase [Drosophila miranda]
>gi|1036762908|ref|XP_017157041.1| PREDICTED: phospholipase A1 member A [Drosophila miranda]
>gi|1036761847|ref|XP_017156982.1| PREDICTED: uncharacterized protein LOC108165455 [Drosophila
>gi|1036761865|ref|XP_017156983.1| PREDICTED: uncharacterized protein LOC108165456 [Drosophila
>gi|1036762659|ref|XP_017157026.1| PREDICTED: multidrug resistance protein homolog 65 [Drosoph
>gi|1036762640|ref|XP_017157025.1| PREDICTED: multidrug resistance protein homolog 65 [Drosoph
>gi|1036762995|ref|XP_017157046.1| PREDICTED: uncharacterized protein LOC108165499 [Drosophila
>gi|1036763012|ref|XP_017157047.1| PREDICTED: uncharacterized protein LOC108165500 [Drosophila
>gi|1036762956|ref|XP 017157043.1| PREDICTED: uncharacterized protein LOC108165497 [Drosophila
>gi|1036763031|ref|XP_017157048.1| PREDICTED: uncharacterized protein LOC108165501 [Drosophila
>gi|1036762574|ref|XP 017157021.1| PREDICTED: laminin subunit alpha [Drosophila miranda]
>gi|1036762676|ref|XP_017157027.1| PREDICTED: transportin-1 [Drosophila miranda]
>gi|1036762975|ref|XP_017157045.1| PREDICTED: splicing factor 3B subunit 6-like protein [Droso
>gi|1036762731|ref|XP_017157030.1| PREDICTED: zinc finger protein 879 isoform X2 [Drosophila m
>gi|1036762712|ref|XP_017157029.1| PREDICTED: zinc finger protein 708 isoform X1 [Drosophila m
>gi|1036762694|ref|XP_017157028.1| PREDICTED: zinc finger protein 668 [Drosophila miranda]
>gi|1036762750|ref|XP_017157031.1| PREDICTED: protein ERGIC-53 [Drosophila miranda]
>gi|1036762593|ref|XP_017157022.1| PREDICTED: talin-2 isoform X1 [Drosophila miranda]
>gi|1036762603|ref|XP_017157023.1| PREDICTED: talin-2 isoform X2 [Drosophila miranda]
>gi|1036762620|ref|XP_017157024.1| PREDICTED: ATP-dependent DNA helicase Q4 [Drosophila mirand
>gi|1036762789|ref|XP_017157034.1| PREDICTED: glycylpeptide N-tetradecanoyltransferase [Drosop
>gi|1036762804|ref|XP_017157035.1| PREDICTED: UDP-glucuronic acid decarboxylase 1 [Drosophila i
>gi|1036762773|ref|XP_017157033.1| PREDICTED: steroid hormone receptor ERR2 [Drosophila mirand
>gi|1036762827|ref|XP 017157036.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036762841|ref|XP_017157037.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036762875|ref|XP_017157039.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036762859|ref|XP_017157038.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036762890|ref|XP_017157040.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036761883|ref|XP_017156984.1| PREDICTED: chaperone protein DnaJ, partial [Drosophila mirated]
>gi|1036815069|ref|XP_017137315.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036815088|ref|XP_017137316.1| PREDICTED: nedd8-conjugating enzyme Ubc12 [Drosophila mirane
>gi|1036839119|ref|XP_017138673.1| PREDICTED: probable deoxyhypusine synthase isoform X1 [Dros
>gi|1036839138|ref|XP_017138674.1| PREDICTED: probable deoxyhypusine synthase isoform X2 [Dros
>gi|1036849321|ref|XP_017139221.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036763387|ref|XP_017157063.1| PREDICTED: uncharacterized protein LOC108165517 [Drosophila
>gi|1036850837|ref|XP_017139313.1| PREDICTED: uncharacterized protein LOC108153698 isoform X1
>gi|1036850856|ref|XP_017139314.1| PREDICTED: uncharacterized protein LOC108153698 isoform X2
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>gi|1036766424|ref|XP_017134573.1| PREDICTED: uncharacterized protein LOC108150784 [Drosophila
>gi|1036850763|ref|XP_017139308.1| PREDICTED: pupal cuticle protein C1B [Drosophila miranda]
>gi|1036850782|ref|XP_017139309.1| PREDICTED: vitelline membrane protein Vm26Ab [Drosophila mi
>gi|1036850746|ref|XP_017139307.1| PREDICTED: eukaryotic translation initiation factor 4E [Dros
>gi|1036765435|ref|XP 017157170.1| PREDICTED: uncharacterized protein LOC108165606 [Drosophila
>gi|1036765453|ref|XP_017157171.1| PREDICTED: uncharacterized protein LOC108165606 [Drosophila
>gi|1036847439|ref|XP_017139116.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036847458|ref|XP_017139117.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036847476|ref|XP_017139118.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036784789|ref|XP_017135625.1| PREDICTED: collagen type IV alpha-3-binding protein [Drosop
>gi|1036784805|ref|XP_017135626.1| PREDICTED: uncharacterized protein LOC108151498 [Drosophila
>gi|1036784879|ref|XP_017135631.1| PREDICTED: ras-related protein Rab-43 isoform X1 [Drosophile
>gi|1036784898|ref|XP_017135632.1| PREDICTED: ras-related protein Rab-43 isoform X2 [Drosophile
>gi|1036784919|ref|XP_017135633.1| PREDICTED: ADP-ribosylation factor-like protein 5A [Drosoph
>gi|1036784772|ref|XP_017135624.1| PREDICTED: uncharacterized protein LOC108151495 [Drosophila
>gi|1036784823|ref|XP_017135627.1| PREDICTED: selenocysteine insertion sequence-binding protein
>gi|1036761902|ref|XP_017156985.1| PREDICTED: gustatory receptor for bitter taste 66a [Drosoph
>gi|1036784842|ref|XP_017135629.1| PREDICTED: bax inhibitor 1 isoform X1 [Drosophila miranda]
>gi|1036784861|ref|XP_017135630.1| PREDICTED: bax inhibitor 1 isoform X2 [Drosophila miranda]
>gi|1036823396|ref|XP 017137776.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036823377|ref|XP_017137775.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036823358|ref|XP_017137774.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036823337|ref|XP_017137773.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036848334|ref|XP_017139164.1| PREDICTED: alkaline phosphatase [Drosophila miranda]
>gi|1036838391|ref|XP_017138626.1| PREDICTED: syntaxin-7 [Drosophila miranda]
>gi|1036846454|ref|XP_017139058.1| PREDICTED: fork head domain-containing protein crocodile [Di
>gi|1036847123|ref|XP_017139097.1| PREDICTED: forkhead box protein biniou [Drosophila miranda]
>gi|1036761920|ref|XP_017156986.1| PREDICTED: keratin-associated protein 5-1-like [Drosophila in the contemp of the contemp of
>gi|1036764298|ref|XP_017157113.1| PREDICTED: sperm-specific protein Don juan [Drosophila mirates
>gi|1036764318|ref|XP_017157114.1| PREDICTED: sperm-specific protein Don juan [Drosophila mirated]
>gi|1036809371|ref|XP_017137004.1| PREDICTED: G protein alpha i subunit [Drosophila miranda]
>gi|1036809390|ref|XP_017137005.1| PREDICTED: uncharacterized protein LOC108152294 [Drosophila
>gi|1036809352|ref|XP_017137003.1| PREDICTED: putative serine protease F56F10.1 [Drosophila mi
>gi|1036809335|ref|XP_017137002.1| PREDICTED: cilia- and flagella-associated protein 52 [Droso
>gi|1036784699|ref|XP 017135620.1| PREDICTED: UDP-glucose 6-dehydrogenase [Drosophila miranda]
>gi|1036784717|ref|XP_017135621.1| PREDICTED: SURF1-like protein [Drosophila miranda]
>gi|1036784736|ref|XP 017135622.1| PREDICTED: ubiquinol-cytochrome-c reductase complex assemble
>gi|1036784753|ref|XP_017135623.1| PREDICTED: transcription factor Adf-1 [Drosophila miranda]
>gi|1036784680|ref|XP_017135619.1| PREDICTED: CLIP-associating protein [Drosophila miranda]
>gi|1036825221|ref|XP_017137877.1| PREDICTED: LOW QUALITY PROTEIN: asparagine synthetase B [gl
>gi|1036825240|ref|XP_017137878.1| PREDICTED: asparagine synthetase [glutamine-hydrolyzing] 2-
>gi|1036829537|ref|XP_017138121.1| PREDICTED: uncharacterized protein LOC108152938 [Drosophila
>gi|1036829476|ref|XP_017138118.1| PREDICTED: adenylate cyclase type 8 isoform X1 [Drosophila i
>gi|1036829497|ref|XP_017138119.1| PREDICTED: adenylate cyclase type 8 isoform X2 [Drosophila 1
>gi|1036829516|ref|XP_017138120.1| PREDICTED: adenylate cyclase type 8 isoform X3 [Drosophila i
>gi|1036805107|ref|XP_017136773.1| PREDICTED: GTPase-activating protein isoform X1 [Drosophila
>gi|1036805127|ref|XP_017136774.1| PREDICTED: GTPase-activating protein isoform X2 [Drosophila
>gi|1036786635|ref|XP_017135730.1| PREDICTED: uncharacterized protein LOC108151570 isoform X1
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>gi|1036786656|ref|XP 017135731.1| PREDICTED: myotubularin-related protein 9-like isoform X2 [
>gi|1036786675|ref|XP_017135732.1| PREDICTED: myotubularin-related protein 9-like isoform X3 [
>gi|1036786694|ref|XP_017135733.1| PREDICTED: ATP-binding cassette sub-family E member 1 [Dros
>gi|1036786713|ref|XP_017135734.1| PREDICTED: uncharacterized protein LOC108151573 [Drosophila
>gi|1036786791|ref|XP 017135739.1| PREDICTED: uncharacterized protein LOC108151575 [Drosophila
>gi|1036786810|ref|XP_017135740.1| PREDICTED: uncharacterized protein LOC108151575 [Drosophila
>gi|1036786734|ref|XP_017135735.1| PREDICTED: N-acetylgalactosamine kinase [Drosophila miranda
>gi|1036786753|ref|XP_017135736.1| PREDICTED: N-acetylgalactosamine kinase [Drosophila miranda]
>gi|1036786772|ref|XP_017135738.1| PREDICTED: N-acetylgalactosamine kinase [Drosophila miranda]
>gi|1036800456|ref|XP_017136510.1| PREDICTED: vesicle transport protein USE1 isoform X1 [Droso
>gi|1036800474|ref|XP_017136511.1| PREDICTED: vesicle transport protein USE1 isoform X2 [Droso
>gi|1036800492|ref|XP_017136512.1| PREDICTED: dihydropteridine reductase [Drosophila miranda]
>gi|1036800271|ref|XP_017136500.1| PREDICTED: protein boule isoform X1 [Drosophila miranda]
>gi|1036800290|ref|XP_017136501.1| PREDICTED: protein boule isoform X1 [Drosophila miranda]
>gi|1036800309|ref|XP_017136502.1| PREDICTED: protein boule isoform X2 [Drosophila miranda]
>gi|1036800327|ref|XP_017136503.1| PREDICTED: protein boule isoform X3 [Drosophila miranda]
>gi|1036800344|ref|XP_017136504.1| PREDICTED: protein boule isoform X4 [Drosophila miranda]
>gi|1036800362|ref|XP_017136505.1| PREDICTED: protein boule isoform X5 [Drosophila miranda]
>gi|1036800382|ref|XP_017136506.1| PREDICTED: protein boule isoform X6 [Drosophila miranda]
>gi|1036800401|ref|XP 017136507.1| PREDICTED: protein boule isoform X7 [Drosophila miranda]
>gi|1036800418|ref|XP_017136508.1| PREDICTED: protein boule isoform X8 [Drosophila miranda]
>gi|1036800437|ref|XP 017136509.1| PREDICTED: protein boule isoform X9 [Drosophila miranda]
>gi|1036848370|ref|XP_017139166.1| PREDICTED: uncharacterized protein LOC108153596 [Drosophila
>gi|1036850361|ref|XP_017139284.1| PREDICTED: uncharacterized protein LOC108153678 [Drosophila
>gi|1036818582|ref|XP_017137514.1| PREDICTED: uncharacterized protein LOC108152581 isoform X4
>gi|1036818563|ref|XP_017137513.1| PREDICTED: uncharacterized protein LOC108152581 isoform X3
>gi|1036818525|ref|XP_017137511.1| PREDICTED: uncharacterized protein LOC108152581 isoform X1
>gi|1036818544|ref|XP_017137512.1| PREDICTED: uncharacterized protein LOC108152581 isoform X2
>gi|1036818603|ref|XP_017137515.1| PREDICTED: uncharacterized protein LOC108152581 isoform X5
>gi|1036818622|ref|XP_017137516.1| PREDICTED: mitochondrial inner membrane protein COX18 [Dros
>gi|1036786319|ref|XP_017135714.1| PREDICTED: F-box only protein 39 [Drosophila miranda]
>gi|1036786266|ref|XP_017135710.1| PREDICTED: arginine kinase isoform X1 [Drosophila miranda]
>gi|1036786285|ref|XP_017135711.1| PREDICTED: arginine kinase isoform X2 [Drosophila miranda]
>gi|1036786302|ref|XP_017135712.1| PREDICTED: arginine kinase isoform X3 [Drosophila miranda]
>gi|1036786338|ref|XP 017135715.1| PREDICTED: arginine kinase-like [Drosophila miranda]
>gi|1036841632|ref|XP_017138811.1| PREDICTED: T-box transcription factor TBX6 [Drosophila mirated
>gi|1036838591|ref|XP 017138638.1| PREDICTED: T-box protein 2 [Drosophila miranda]
>gi|1036845704|ref|XP_017139016.1| PREDICTED: T-box transcription factor TBX6 [Drosophila mirated
>gi|1036828014|ref|XP_017138036.1| PREDICTED: ubiquitin-protein ligase E3B [Drosophila miranda]
>gi|1036810809|ref|XP_017137085.1| PREDICTED: protein Smaug isoform X2 [Drosophila miranda]
>gi|1036810828|ref|XP_017137086.1| PREDICTED: protein Smaug isoform X3 [Drosophila miranda]
>gi|1036810771|ref|XP_017137083.1| PREDICTED: protein Smaug isoform X1 [Drosophila miranda]
>gi|1036810789|ref|XP_017137084.1| PREDICTED: protein Smaug isoform X1 [Drosophila miranda]
>gi|1036835814|ref|XP_017138472.1| PREDICTED: UPF0193 protein EVG1 homolog [Drosophila miranda
>gi|1036835795|ref|XP_017138471.1| PREDICTED: protein phosphatase methylesterase 1 [Drosophila
>gi|1036843002|ref|XP_017138879.1| PREDICTED: uncharacterized protein LOC108153400 isoform X1
>gi|1036843021|ref|XP_017138880.1| PREDICTED: uncharacterized protein LOC108153400 isoform X1
>gi|1036843041|ref|XP_017138881.1| PREDICTED: uncharacterized protein LOC108153400 isoform X2
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>gi|1036822080|ref|XP 017137700.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822098|ref|XP_017137702.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822116|ref|XP 017137703.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822134|ref|XP_017137704.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822174|ref|XP 017137706.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X-
>gi|1036822193|ref|XP_017137707.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822153|ref|XP 017137705.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822212|ref|XP_017137708.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822231|ref|XP 017137709.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036828491|ref|XP_017138064.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828414|ref|XP_017138059.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828726|ref|XP 017138076.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828510|ref|XP_017138065.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828432|ref|XP_017138060.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828609|ref|XP_017138070.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828569|ref|XP 017138068.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828550|ref|XP_017138067.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828451|ref|XP 017138062.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828357|ref|XP_017138056.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828376|ref|XP 017138057.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828688|ref|XP_017138074.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828590|ref|XP 017138069.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828470|ref|XP_017138063.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828395|ref|XP_017138058.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828531|ref|XP_017138066.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828630|ref|XP_017138071.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828648|ref|XP 017138072.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828669|ref|XP_017138073.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828707|ref|XP_017138075.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036834176|ref|XP_017138379.1| PREDICTED: proton-associated sugar transporter A [Drosophile
>gi|1036834195|ref|XP_017138380.1| PREDICTED: proton-associated sugar transporter A [Drosophile
>gi|1036835275|ref|XP_017138440.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036847722|ref|XP_017139130.1| PREDICTED: glutamate receptor 1 [Drosophila miranda]
>gi|1036850691|ref|XP_017139304.1| PREDICTED: peptidoglycan-recognition protein LA isoform X1
>gi|1036850729|ref|XP 017139306.1| PREDICTED: peptidoglycan-recognition protein LA isoform X3
>gi|1036850710|ref|XP_017139305.1| PREDICTED: peptidoglycan-recognition protein LA isoform X2
>gi|1036803078|ref|XP_017136658.1| PREDICTED: peptidoglycan-recognition protein LC isoform X1
>gi|1036803097|ref|XP_017136660.1| PREDICTED: peptidoglycan-recognition protein LC isoform X1
>gi|1036803116|ref|XP_017136661.1| PREDICTED: peptidoglycan-recognition protein LC isoform X1
>gi|1036803134|ref|XP_017136662.1| PREDICTED: peptidoglycan-recognition protein LC isoform X1
>gi|1036803152|ref|XP_017136663.1| PREDICTED: peptidoglycan-recognition protein LC isoform X1
>gi|1036803190|ref|XP 017136665.1| PREDICTED: peptidoglycan-recognition protein LC isoform X3
>gi|1036803228|ref|XP_017136667.1| PREDICTED: peptidoglycan-recognition protein LC isoform X5
>gi|1036803209|ref|XP_017136666.1| PREDICTED: peptidoglycan-recognition protein LC isoform X4
>gi|1036803171|ref|XP_017136664.1| PREDICTED: peptidoglycan-recognition protein LC isoform X2
>gi|1036803246|ref|XP_017136668.1| PREDICTED: peptidoglycan-recognition protein LC isoform X6
>gi|1036803265|ref|XP_017136669.1| PREDICTED: peptidoglycan-recognition protein LC isoform X7
>gi|1036803355|ref|XP 017136675.1| PREDICTED: peptidoglycan-recognition protein LF isoform X1
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>gi|1036803371|ref|XP_017136676.1| PREDICTED: peptidoglycan-recognition protein LF isoform X2
>gi|1036803338|ref|XP_017136674.1| PREDICTED: UTP--glucose-1-phosphate uridylyltransferase iso
>gi|1036803322|ref|XP_017136673.1| PREDICTED: UTP--glucose-1-phosphate uridylyltransferase iso
>gi|1036803303|ref|XP_017136672.1| PREDICTED: UTP--glucose-1-phosphate uridylyltransferase iso
>gi|1036803284|ref|XP 017136671.1| PREDICTED: UTP--glucose-1-phosphate uridylyltransferase iso
>gi|1036803388|ref|XP_017136677.1| PREDICTED: uncharacterized protein LOC108152112 [Drosophila
>gi|1036804590|ref|XP_017136744.1| PREDICTED: small VCP/p97-interacting protein [Drosophila minus
>gi|1036804572|ref|XP_017136743.1| PREDICTED: autophagy-related protein 2 homolog A [Drosophile
>gi|1036821275|ref|XP_017137656.1| PREDICTED: uncharacterized protein LOC108152670 [Drosophila
>gi|1036821256|ref|XP_017137655.1| PREDICTED: putative adenosylhomocysteinase 2 [Drosophila mi
>gi|1036836040|ref|XP_017138486.1| PREDICTED: upstream activation factor subunit spp27 [Drosop
>gi|1036802282|ref|XP_017136617.1| PREDICTED: histone-lysine N-methyltransferase 2D [Drosophile
>gi|1036837979|ref|XP_017138602.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1036837998|ref|XP_017138603.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1036838017|ref|XP_017138604.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1036838069|ref|XP_017138608.1| PREDICTED: synaptic vesicle glycoprotein 2B-like [Drosophile]
>gi|1036838051|ref|XP_017138607.1| PREDICTED: putative transporter svop-1 [Drosophila miranda]
>gi|1036838034|ref|XP_017138605.1| PREDICTED: putative transporter SVOPL [Drosophila miranda]
>gi|1036764224|ref|XP_017157109.1| PREDICTED: uncharacterized protein LOC108165545 [Drosophila
>gi|1037099942|ref|XP_017144749.1| PREDICTED: extended synaptotagmin-2 isoform X2 [Drosophila i
>gi|1037099932|ref|XP_017144747.1| PREDICTED: extended synaptotagmin-2 isoform X1 [Drosophila i
>gi|1037099960|ref|XP_017144751.1| PREDICTED: extended synaptotagmin-1 isoform X4 [Drosophila i
>gi|1037099950|ref|XP_017144750.1| PREDICTED: extended synaptotagmin-2 isoform X3 [Drosophila i
>gi|1037079607|ref|XP_017143172.1| PREDICTED: protein CREBRF homolog [Drosophila miranda]
>gi|1037079621|ref|XP_017143173.1| PREDICTED: protein CREBRF homolog [Drosophila miranda]
>gi|1037079635|ref|XP_017143174.1| PREDICTED: BUD13 homolog [Drosophila miranda]
>gi|1037105933|ref|XP_017145427.1| PREDICTED: uncharacterized protein LOC108157757 [Drosophila
>gi|1037034935|ref|XP_017140187.1| PREDICTED: intraflagellar transport protein 56 [Drosophila in trans
>gi|1037085350|ref|XP_017143610.1| PREDICTED: uncharacterized protein LOC108156584 [Drosophila
>gi|1037033899|ref|XP_017140125.1| PREDICTED: mitochondrial import receptor subunit TOM40 homo
>gi|1037034305|ref|XP_017140151.1| PREDICTED: uncharacterized protein LOC108154396 [Drosophila
>gi|1037034760|ref|XP_017140178.1| PREDICTED: tetratricopeptide repeat protein 12 [Drosophila i
>gi|1037022592|ref|XP 017139431.1| PREDICTED: uncharacterized protein LOC108153843 [Drosophila
>gi|1037037994|ref|XP_017140356.1| PREDICTED: tetratricopeptide repeat protein 12 [Drosophila 1
>gi|1037105894|ref|XP 017145421.1| PREDICTED: sodium-independent sulfate anion transporter [Dref|XP 017145421.1]
>gi|1037103816|ref|XP_017145131.1| PREDICTED: uncharacterized protein LOC108157539 [Drosophila
>gi|1037034339|ref|XP 017140153.1| PREDICTED: uncharacterized protein LOC108154398 [Drosophila
>gi|1037090337|ref|XP_017143965.1| PREDICTED: uncharacterized protein LOC108156797 [Drosophila
>gi|1037093993|ref|XP_017144226.1| PREDICTED: LOW QUALITY PROTEIN: xanthine dehydrogenase [Dros
>gi|1037022607|ref|XP_017139432.1| PREDICTED: xanthine dehydrogenase/oxidase-like [Drosophila i
>gi|1037093979|ref|XP_017144225.1| PREDICTED: indole-3-acetaldehyde oxidase [Drosophila mirand
>gi|1037092203|ref|XP_017144105.1| PREDICTED: LOW QUALITY PROTEIN: indole-3-acetaldehyde oxida
>gi|1037092217|ref|XP 017144107.1| PREDICTED: xanthine dehydrogenase-like [Drosophila miranda]
>gi|1037037448|ref|XP_017140328.1| PREDICTED: uncharacterized protein LOC108154536 [Drosophila
>gi|1037033882|ref|XP_017140124.1| PREDICTED: uncharacterized protein LOC108154370 [Drosophila
>gi|1037105540|ref|XP_017145373.1| PREDICTED: uncharacterized protein LOC108157713 [Drosophila
>gi|1037105114|ref|XP_017145311.1| PREDICTED: uncharacterized protein LOC108157663 [Drosophila
>gi|1037103621|ref|XP_017145105.1| PREDICTED: dynein beta chain, ciliary isoform X2 [Drosophile
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>gi|1037103613|ref|XP_017145104.1| PREDICTED: dynein beta chain, ciliary isoform X1 [Drosophile
>gi|1037022621|ref|XP_017139433.1| PREDICTED: uncharacterized protein LOC108153845 [Drosophila
>gi|1037035151|ref|XP 017140200.1| PREDICTED: uncharacterized protein LOC108154438 [Drosophila
>gi|1037034409|ref|XP_017140157.1| PREDICTED: uncharacterized protein LOC108154401 isoform X1
>gi|1037034427|ref|XP 017140159.1| PREDICTED: uncharacterized protein LOC108154401 isoform X2
>gi|1037034447|ref|XP_017140160.1| PREDICTED: uncharacterized protein LOC108154401 isoform X3
>gi|1037032758|ref|XP 017140057.1| PREDICTED: circadian clock-controlled protein [Drosophila m
>gi|1037034813|ref|XP_017140182.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037091349|ref|XP_017144042.1| PREDICTED: protein Malvolio isoform X2 [Drosophila miranda]
>gi|1037091335|ref|XP_017144041.1| PREDICTED: protein Malvolio isoform X1 [Drosophila miranda]
>gi|1037093883|ref|XP_017144218.1| PREDICTED: hematopoietic lineage cell-specific protein [Dros
>gi|1037093897|ref|XP 017144219.1| PREDICTED: hematopoietic lineage cell-specific protein [Dro
>gi|1037082949|ref|XP_017143427.1| PREDICTED: annexin B9 isoform X3 [Drosophila miranda]
>gi|1037082937|ref|XP_017143426.1| PREDICTED: annexin B9 isoform X2 [Drosophila miranda]
>gi|1037082910|ref|XP_017143424.1| PREDICTED: annexin B9 isoform X1 [Drosophila miranda]
>gi|1037082924|ref|XP_017143425.1| PREDICTED: annexin B9 isoform X1 [Drosophila miranda]
>gi|1037082896|ref|XP_017143422.1| PREDICTED: uridine 5'-monophosphate synthase [Drosophila mi
>gi|1037034221|ref|XP 017140144.1| PREDICTED: doublesex- and mab-3-related transcription factor
>gi|1037033178|ref|XP_017140083.1| PREDICTED: hematopoietically-expressed homeobox protein Hhe
>gi|1037067328|ref|XP 017142329.1| PREDICTED: hornerin [Drosophila miranda]
>gi|1037067344|ref|XP_017142330.1| PREDICTED: uncharacterized protein LOC108155781 [Drosophila
>gi|1037085504|ref|XP 017143620.1| PREDICTED: hematological and neurological expressed 1-like
>gi|1037085490|ref|XP_017143619.1| PREDICTED: THO complex subunit 4 [Drosophila miranda]
>gi|1037092245|ref|XP_017144109.1| PREDICTED: dephospho-CoA kinase [Drosophila miranda]
>gi|1037092231|ref|XP_017144108.1| PREDICTED: UTP:RNA uridylyltransferase 1 [Drosophila mirand
>gi|1037085365|ref|XP_017143611.1| PREDICTED: serine/threonine-protein kinase/endoribonuclease
>gi|1037085989|ref|XP_017143655.1| PREDICTED: calcium uptake protein 3, mitochondrial isoform
>gi|1037085933|ref|XP_017143651.1| PREDICTED: calcium uptake protein 2, mitochondrial isoform
>gi|1037085921|ref|XP_017143650.1| PREDICTED: calcium uptake protein 2, mitochondrial isoform
>gi|1037086000|ref|XP_017143656.1| PREDICTED: calcium uptake protein 3, mitochondrial isoform
>gi|1037085961|ref|XP_017143653.1| PREDICTED: calcium uptake protein 3, mitochondrial isoform
>gi|1037085947|ref|XP_017143652.1| PREDICTED: calcium uptake protein 3, mitochondrial isoform
>gi|1037085975|ref|XP 017143654.1| PREDICTED: calcium uptake protein 3, mitochondrial isoform
>gi|1037085907|ref|XP_017143649.1| PREDICTED: calcium uptake protein 2, mitochondrial isoform
>gi|1037085893|ref|XP 017143647.1| PREDICTED: calcium uptake protein 2, mitochondrial isoform
>gi|1037086014|ref|XP_017143657.1| PREDICTED: uncharacterized protein LOC108156613 [Drosophila
>gi|1037085865|ref|XP_017143645.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dr
>gi|1037085879|ref|XP_017143646.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dr
>gi|1037106464|ref|XP_017145500.1| PREDICTED: 4-coumarate--CoA ligase-like 7 [Drosophila miran-
>gi|1037106181|ref|XP_017145461.1| PREDICTED: 4-coumarate--CoA ligase-like [Drosophila miranda]
>gi|1037033750|ref|XP_017140115.1| PREDICTED: luciferin 4-monooxygenase [Drosophila miranda]
>gi|1037105779|ref|XP_017145406.1| PREDICTED: luciferin 4-monooxygenase-like [Drosophila mirane
>gi|1037096331|ref|XP_017144415.1| PREDICTED: glutamate-gated chloride channel isoform X8 [Droplet of the channel isoform isof
>gi|1037096303|ref|XP_017144413.1| PREDICTED: glutamate-gated chloride channel isoform X6 [Dros
>gi|1037096252|ref|XP_017144409.1| PREDICTED: glutamate-gated chloride channel isoform X2 [Drop
>gi|1037096343|ref|XP_017144416.1| PREDICTED: glutamate-gated chloride channel isoform X9 [Dros
>gi|1037096291|ref|XP_017144412.1| PREDICTED: glutamate-gated chloride channel isoform X5 [Droplet of the channel isoform of the channel 
>gi|1037096281|ref|XP_017144411.1| PREDICTED: glutamate-gated chloride channel isoform X4 [Dros
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>gi|1037096226|ref|XP_017144406.1| PREDICTED: glutamate-gated chloride channel isoform X1 [Droplet of the channel isoform of the channel 
>gi|1037096238|ref|XP_017144407.1| PREDICTED: glutamate-gated chloride channel isoform X1 [Droplet of the channel isoform of the channel 
>gi|1037096315|ref|XP_017144414.1| PREDICTED: glutamate-gated chloride channel isoform X7 [Dros
>gi|1037096355|ref|XP_017144417.1| PREDICTED: glutamate-gated chloride channel isoform X10 [Dr
>gi|1037096270|ref|XP 017144410.1| PREDICTED: glutamate-gated chloride channel isoform X3 [Droi
>gi|1037038914|ref|XP_017140416.1| PREDICTED: uncharacterized protein LOC108154611 [Drosophila
>gi|1037096990|ref|XP_017144474.1| PREDICTED: pyrazinamidase/nicotinamidase [Drosophila mirand
>gi|1037097002|ref|XP_017144475.1| PREDICTED: pyrazinamidase/nicotinamidase [Drosophila mirand
>gi|1037096978|ref|XP_017144473.1| PREDICTED: serine-rich adhesin for platelets [Drosophila mi
>gi|1037077638|ref|XP_017143040.1| PREDICTED: glycine receptor subunit alpha-4 [Drosophila mire
>gi|1037077612|ref|XP_017143037.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037077649|ref|XP_017143041.1| PREDICTED: developmentally-regulated GTP-binding protein 2
>gi|1037077625|ref|XP_017143039.1| PREDICTED: probable nucleoporin Nup58 [Drosophila miranda]
>gi|1037102983|ref|XP_017145032.1| PREDICTED: V-type proton ATPase subunit G [Drosophila miran-
>gi|1037077531|ref|XP_017143032.1| PREDICTED: anoctamin-1 isoform X1 [Drosophila miranda]
>gi|1037077547|ref|XP_017143033.1| PREDICTED: anoctamin-1 isoform X2 [Drosophila miranda]
>gi|1037077559|ref|XP_017143034.1| PREDICTED: anoctamin-1 isoform X3 [Drosophila miranda]
>gi|1037077585|ref|XP 017143036.1| PREDICTED: uncharacterized protein LOC108156209 [Drosophila
>gi|1037077571|ref|XP_017143035.1| PREDICTED: organic cation transporter protein [Drosophila m
>gi|1037022641|ref|XP 017139434.1| PREDICTED: uncharacterized protein LOC108153847 [Drosophila
>gi|1037100890|ref|XP_017144829.1| PREDICTED: organic cation transporter-like protein [Drosoph
>gi|1037106073|ref|XP_017145446.1| PREDICTED: organic cation transporter-like protein isoform
>gi|1037106065|ref|XP_017145445.1| PREDICTED: organic cation transporter-like protein isoform
>gi|1037106079|ref|XP_017145447.1| PREDICTED: uncharacterized protein LOC108157773 [Drosophila
>gi|1037047793|ref|XP_017141010.1| PREDICTED: cuticle protein 7 [Drosophila miranda]
>gi|1037047731|ref|XP_017141005.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X16 [Dros
>gi|1037047715|ref|XP_017141004.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X15 [Dros
>gi|1037047624|ref|XP_017140997.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X9 [Droso
>gi|1037047608|ref|XP_017140996.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X8 [Droso
>gi|1037047592|ref|XP_017140995.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X7 [Droso
>gi|1037047682|ref|XP_017141002.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X13 [Dros
>gi|1037047576|ref|XP_017140994.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X6 [Droso
>gi|1037047667|ref|XP_017141001.1| PREDICTED: dystrophin isoform X12 [Drosophila miranda]
>gi|1037047637|ref|XP_017140999.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X10 [Dros
>gi|1037047493|ref|XP 017140990.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X2 [Droso
>gi|1037047697|ref|XP_017141003.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X14 [Dros
>gi|1037047652|ref|XP_017141000.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X11 [Drose
>gi|1037047540|ref|XP_017140992.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X4 [Droso
>gi|1037047508|ref|XP_017140991.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X3 [Droso
>gi|1037047479|ref|XP_017140989.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X1 [Droso
>gi|1037047556|ref|XP_017140993.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X5 [Droso
>gi|1037047821|ref|XP_017141012.1| PREDICTED: uncharacterized protein LOC108154984 [Drosophila
>gi|1037047747|ref|XP_017141006.1| PREDICTED: dystrophin-like [Drosophila miranda]
>gi|1037047763|ref|XP_017141007.1| PREDICTED: uncharacterized protein LOC108154980 [Drosophila
>gi|1037047807|ref|XP_017141011.1| PREDICTED: IDLSRF-like peptide [Drosophila miranda]
>gi|1037047779|ref|XP_017141009.1| PREDICTED: uncharacterized protein LOC108154981 [Drosophila
>gi|1037055229|ref|XP_017141518.1| PREDICTED: putative serine protease K12H4.7 [Drosophila mire
>gi|1037055247|ref|XP_017141519.1| PREDICTED: putative serine protease K12H4.7 [Drosophila mire
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>gi|1037022659|ref|XP 017139435.1| PREDICTED: LOW QUALITY PROTEIN: aprataxin-like protein [Dro
>gi|1037055351|ref|XP_017141527.1| PREDICTED: LOW QUALITY PROTEIN: putative DNA helicase Ino80
>gi|1037055295|ref|XP_017141523.1| PREDICTED: uncharacterized protein LOC108155315 [Drosophila
>gi|1037055215|ref|XP_017141517.1| PREDICTED: LOW QUALITY PROTEIN: thymus-specific serine prot
>gi|1037055263|ref|XP 017141520.1| PREDICTED: putative serine protease K12H4.7 [Drosophila mire
>gi|1037055277|ref|XP_017141521.1| PREDICTED: putative serine protease K12H4.7 [Drosophila mire
>gi|1037055336|ref|XP 017141526.1| PREDICTED: pollen-specific leucine-rich repeat extensin-like
>gi|1037055309|ref|XP_017141524.1| PREDICTED: uncharacterized protein LOC108155316 [Drosophila
>gi|1037055321|ref|XP_017141525.1| PREDICTED: uncharacterized protein LOC108155317 [Drosophila
>gi|1037033126|ref|XP_017140080.1| PREDICTED: uncharacterized protein LOC108154329 [Drosophila
>gi|1037079796|ref|XP_017143186.1| PREDICTED: neurogenic locus protein delta [Drosophila mirane
>gi|1037103661|ref|XP_017145111.1| PREDICTED: zinc finger CCCH domain-containing protein 18-li
>gi|1037103653|ref|XP_017145110.1| PREDICTED: uncharacterized protein LOC108157518 [Drosophila
>gi|1037085560|ref|XP_017143625.1| PREDICTED: uncharacterized protein LOC108156595 [Drosophila
>gi|1037085533|ref|XP_017143623.1| PREDICTED: protein unc-79 homolog isoform X2 [Drosophila mi
>gi|1037085520|ref|XP_017143622.1| PREDICTED: protein unc-79 homolog isoform X1 [Drosophila mi
>gi|1037085547|ref|XP_017143624.1| PREDICTED: uncharacterized protein LOC108156594 [Drosophila
>gi|1037105868|ref|XP_017145418.1| PREDICTED: uncharacterized protein LOC108157748 [Drosophila
>gi|1037105860|ref|XP_017145417.1| PREDICTED: neurofilament medium polypeptide [Drosophila mire
>gi|1037096899|ref|XP 017144465.1| PREDICTED: phosphatidylinositol transfer protein alpha isof
>gi|1037096873|ref|XP_017144463.1| PREDICTED: phosphatidylinositol transfer protein alpha isof
>gi|1037096887|ref|XP_017144464.1| PREDICTED: phosphatidylinositol transfer protein alpha isof
>gi|1037105243|ref|XP_017145329.1| PREDICTED: cryptochrome-1 [Drosophila miranda]
>gi|1037094670|ref|XP_017144278.1| PREDICTED: 45 kDa calcium-binding protein [Drosophila miran
>gi|1037094634|ref|XP_017144276.1| PREDICTED: BRCA1-associated protein [Drosophila miranda]
>gi|1037094680|ref|XP_017144279.1| PREDICTED: uncharacterized protein LOC108156996 [Drosophila
>gi|1037094746|ref|XP_017144283.1| PREDICTED: zinc finger protein squeeze [Drosophila miranda]
>gi|1037094760|ref|XP_017144284.1| PREDICTED: zinc finger protein squeeze [Drosophila miranda]
>gi|1037094771|ref|XP_017144285.1| PREDICTED: zinc finger protein squeeze [Drosophila miranda]
>gi|1037077224|ref|XP_017143009.1| PREDICTED: C-1-tetrahydrofolate synthase, cytoplasmic [Dros
>gi|1037077178|ref|XP_017143005.1| PREDICTED: probable methyltransferase-like protein 15 homole
>gi|1037077208|ref|XP_017143008.1| PREDICTED: uncharacterized protein LOC108156188 [Drosophila
>gi|1037077194|ref|XP 017143006.1| PREDICTED: peptide deformylase, mitochondrial [Drosophila m
>gi|1037101196|ref|XP_017144859.1| PREDICTED: peptide deformylase, mitochondrial [Drosophila m
>gi|1037101134|ref|XP 017144853.1| PREDICTED: uncharacterized protein LOC108157344 [Drosophila
>gi|1037101156|ref|XP_017144855.1| PREDICTED: uncharacterized protein LOC108157346 [Drosophila
>gi|1037101144|ref|XP_017144854.1| PREDICTED: uncharacterized protein LOC108157345 [Drosophila
>gi|1037101176|ref|XP_017144857.1| PREDICTED: uncharacterized protein LOC108157348 isoform X1
>gi|1037101186|ref|XP_017144858.1| PREDICTED: uncharacterized protein LOC108157348 isoform X2
>gi|1037101166|ref|XP_017144856.1| PREDICTED: very low-density lipoprotein receptor-like [Dros
>gi|1037022676|ref|XP_017139436.1| PREDICTED: bifunctional protein FolD-like [Drosophila miran-
>gi|1037103567|ref|XP_017145098.1| PREDICTED: mitochondrial import receptor subunit TOM20 homo
>gi|1037103559|ref|XP 017145097.1| PREDICTED: tachykinin-like peptides receptor 86C isoform X2
>gi|1037103551|ref|XP_017145096.1| PREDICTED: tachykinin-like peptides receptor 86C isoform X1
>gi|1037106448|ref|XP_017145498.1| PREDICTED: synaptic vesicle glycoprotein 2B isoform X1 [Drop
>gi|1037106456|ref|XP_017145499.1| PREDICTED: synaptic vesicle glycoprotein 2B isoform X2 [Dros
>gi|1037093004|ref|XP_017144158.1| PREDICTED: synaptic vesicle glycoprotein 2B [Drosophila mire
>gi|1037093018|ref|XP_017144159.1| PREDICTED: mediator of RNA polymerase II transcription subu
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>gi|1037077903|ref|XP_017143060.1| PREDICTED: uncharacterized protein LOC108156231 isoform X3
>gi|1037077875|ref|XP_017143058.1| PREDICTED: uncharacterized protein LOC108156231 isoform X1
>gi|1037077919|ref|XP_017143061.1| PREDICTED: uncharacterized protein LOC108156231 isoform X4
>gi|1037077889|ref|XP_017143059.1| PREDICTED: uncharacterized protein LOC108156231 isoform X2
>gi|1037077933|ref|XP 017143063.1| PREDICTED: general transcription factor IIF subunit 2 [Dros-
>gi|1037078583|ref|XP_017143106.1| PREDICTED: alpha-1,2-mannosyltransferase ALG9 [Drosophila m
>gi|1037078569|ref|XP 017143105.1| PREDICTED: protocadherin Fat 1 isoform X4 [Drosophila miran
>gi|1037078539|ref|XP_017143103.1| PREDICTED: protocadherin Fat 1 isoform X2 [Drosophila miran
>gi|1037078552|ref|XP_017143104.1| PREDICTED: protocadherin Fat 1 isoform X3 [Drosophila miran
>gi|1037078512|ref|XP_017143102.1| PREDICTED: protocadherin Fat 1 isoform X1 [Drosophila miran
>gi|1037078597|ref|XP_017143107.1| PREDICTED: nucleotide exchange factor SIL1 isoform X1 [Dros
>gi|1037078611|ref|XP_017143108.1| PREDICTED: nucleotide exchange factor SIL1 isoform X2 [Dros
>gi|1037078625|ref|XP_017143109.1| PREDICTED: nucleotide exchange factor SIL1 isoform X3 [Dros
>gi|1037103249|ref|XP_017145063.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037103239|ref|XP_017145061.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037101047|ref|XP_017144844.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037101037|ref|XP_017144843.1| PREDICTED: protein bag-of-marbles [Drosophila miranda]
>gi|1037093952|ref|XP_017144224.1| PREDICTED: 40S ribosomal protein S27 [Drosophila miranda]
>gi|1037093938|ref|XP_017144223.1| PREDICTED: nucleoporin Nup37 [Drosophila miranda]
>gi|1037047148|ref|XP 017140966.1| PREDICTED: E3 SUMO-protein ligase RanBP2 [Drosophila mirand
>gi|1037047194|ref|XP 017140969.1| PREDICTED: LOW QUALITY PROTEIN: transcription factor Ouib-1
>gi|1037047180|ref|XP 017140968.1| PREDICTED: transcription factor Ouib-like [Drosophila miran
>gi|1037047210|ref|XP_017140970.1| PREDICTED: HIG1 domain family member 1A, mitochondrial [Dros
>gi|1037047164|ref|XP_017140967.1| PREDICTED: dihydrolipoyllysine-residue succinyltransferase
>gi|1037067809|ref|XP_017142362.1| PREDICTED: serine/threonine-protein kinase MARK2 [Drosophile
>gi|1037067824|ref|XP_017142363.1| PREDICTED: serine/threonine-protein kinase MARK2 [Drosophile
>gi|1037067707|ref|XP_017142355.1| PREDICTED: homeobox protein prospero isoform X1 [Drosophila
>gi|1037067723|ref|XP_017142356.1| PREDICTED: homeobox protein prospero isoform X1 [Drosophila
>gi|1037067738|ref|XP_017142357.1| PREDICTED: homeobox protein prospero isoform X1 [Drosophila
>gi|1037067753|ref|XP_017142358.1| PREDICTED: homeobox protein prospero isoform X2 [Drosophila
>gi|1037067768|ref|XP_017142359.1| PREDICTED: homeobox protein prospero isoform X3 [Drosophila
>gi|1037067783|ref|XP_017142360.1| PREDICTED: homeobox protein prospero isoform X4 [Drosophila
>gi|1037067795|ref|XP 017142361.1| PREDICTED: homeobox protein prospero isoform X5 [Drosophila
>gi|1037057958|ref|XP_017141697.1| PREDICTED: 39S ribosomal protein L40, mitochondrial [Drosop
>gi|1037057942|ref|XP 017141696.1| PREDICTED: prefoldin subunit 3 [Drosophila miranda]
>gi|1037057892|ref|XP_017141692.1| PREDICTED: ATP-dependent DNA helicase 2 subunit 1 [Drosophi
>gi|1037057876|ref|XP 017141691.1| PREDICTED: importin-9 [Drosophila miranda]
>gi|1037057926|ref|XP_017141694.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dr
>gi|1037057910|ref|XP_017141693.1| PREDICTED: neither inactivation nor afterpotential protein
>gi|1037058003|ref|XP_017141700.1| PREDICTED: D-tyrosyl-tRNA(Tyr) deacylase 1 isoform X2 [Dros
>gi|1037057987|ref|XP_017141699.1| PREDICTED: D-tyrosyl-tRNA(Tyr) deacylase 1 isoform X1 [Dros
>gi|1037057972|ref|XP_017141698.1| PREDICTED: probable ribosome biogenesis protein RLP24 [Dros
>gi|1037058789|ref|XP 017141755.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 8 [Drosoph
>gi|1037058839|ref|XP_017141758.1| PREDICTED: putative tRNA (cytidine(32)/guanosine(34)-2'-0)-1
>gi|1037058823|ref|XP_017141757.1| PREDICTED: uncharacterized protein LOC108155452 [Drosophila
>gi|1037058853|ref|XP_017141759.1| PREDICTED: ribosome production factor 2 homolog [Drosophila
>gi|1037058884|ref|XP_017141761.1| PREDICTED: uncharacterized protein LOC108155456 isoform X2
>gi|1037058869|ref|XP_017141760.1| PREDICTED: uncharacterized protein LOC108155456 isoform X1
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>gi|1037058900|ref|XP_017141762.1| PREDICTED: uncharacterized protein LOC108155456 isoform X3
>gi|1037058807|ref|XP_017141756.1| PREDICTED: ralA-binding protein 1 [Drosophila miranda]
>gi|1037022693|ref|XP_017139438.1| PREDICTED: LOW QUALITY PROTEIN: malate dehydrogenase, mitoci
>gi|1037068859|ref|XP_017142436.1| PREDICTED: retinal homeobox protein Rx [Drosophila miranda]
>gi|1037068829|ref|XP 017142434.1| PREDICTED: ribosomal protein S6 kinase delta-1 [Drosophila 1
>gi|1037068845|ref|XP_017142435.1| PREDICTED: little elongation complex subunit 2 [Drosophila 1
>gi|1037068904|ref|XP 017142439.1| PREDICTED: SRR1-like protein [Drosophila miranda]
>gi|1037068873|ref|XP_017142437.1| PREDICTED: coiled-coil domain-containing protein 174 [Droso
>gi|1037068889|ref|XP_017142438.1| PREDICTED: uncharacterized protein LOC108155838 [Drosophila
>gi|1037104463|ref|XP_017145217.1| PREDICTED: hexosaminidase D [Drosophila miranda]
>gi|1037082963|ref|XP_017143428.1| PREDICTED: single-stranded DNA-binding protein 2 [Drosophile
>gi|1037062830|ref|XP_017142035.1| PREDICTED: uncharacterized protein LOC108155617 [Drosophila
>gi|1037062786|ref|XP_017142032.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037062816|ref|XP_017142034.1| PREDICTED: proteasome assembly chaperone 2 [Drosophila mirates
>gi|1037062770|ref|XP_017142031.1| PREDICTED: actin-related protein 5 [Drosophila miranda]
>gi|1037062801|ref|XP_017142033.1| PREDICTED: uncharacterized protein LOC108155615 [Drosophila
>gi|1037062754|ref|XP_017142030.1| PREDICTED: importin-13 [Drosophila miranda]
>gi|1037067872|ref|XP 017142366.1| PREDICTED: serine/threonine-protein phosphatase 2A 56 kDa re
>gi|1037067856|ref|XP_017142365.1| PREDICTED: serine/threonine-protein phosphatase 2A 56 kDa re
>gi|1037067840|ref|XP 017142364.1| PREDICTED: serine/threonine-protein phosphatase 2A 56 kDa re
>gi|1037067920|ref|XP_017142370.1| PREDICTED: ubiquitin-like protein 4A [Drosophila miranda]
>gi|1037067888|ref|XP 017142367.1| PREDICTED: peroxiredoxin-5, mitochondrial [Drosophila mirane
>gi|1037067904|ref|XP_017142369.1| PREDICTED: nuclear cap-binding protein subunit 2 [Drosophile
>gi|1037094430|ref|XP_017144260.1| PREDICTED: protein TAPT1 homolog [Drosophila miranda]
>gi|1037103985|ref|XP_017145153.1| PREDICTED: uncharacterized protein LOC108157558 [Drosophila
>gi|1037103969|ref|XP_017145151.1| PREDICTED: uncharacterized protein LOC108157557 isoform X2
>gi|1037103977|ref|XP_017145152.1| PREDICTED: uncharacterized protein LOC108157557 isoform X3
>gi|1037103961|ref|XP_017145150.1| PREDICTED: uncharacterized protein LOC108157557 isoform X1
>gi|1037033543|ref|XP_017140103.1| PREDICTED: uncharacterized protein LOC108154348 [Drosophila
>gi|1037098435|ref|XP_017144615.1| PREDICTED: hormone receptor 4 isoform X2 [Drosophila mirand
>gi|1037098425|ref|XP_017144614.1| PREDICTED: hormone receptor 4 isoform X1 [Drosophila mirand
>gi|1037098447|ref|XP_017144616.1| PREDICTED: alpha-protein kinase 1 isoform X3 [Drosophila mi
>gi|1037099902|ref|XP 017144744.1| PREDICTED: uncharacterized protein LOC108157267 [Drosophila
>gi|1037086058|ref|XP_017143660.1| PREDICTED: fibroblast growth factor receptor homolog 1 [Dros
>gi|1037086072|ref|XP 017143661.1| PREDICTED: fibroblast growth factor receptor homolog 1 [Drop
>gi|1037046824|ref|XP_017140944.1| PREDICTED: tubulin alpha-3 chain [Drosophila miranda]
>gi|1037046854|ref|XP_017140947.1| PREDICTED: SPRY domain-containing protein 7 [Drosophila mire
>gi|1037046840|ref|XP_017140945.1| PREDICTED: plancitoxin-1 [Drosophila miranda]
>gi|1037022711|ref|XP_017139439.1| PREDICTED: LOW QUALITY PROTEIN: protein couch potato, parti-
>gi|1037046729|ref|XP_017140938.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046808|ref|XP_017140943.1| PREDICTED: uncharacterized protein LOC108154948 isoform X9
>gi|1037046713|ref|XP_017140936.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046745|ref|XP_017140939.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046761|ref|XP_017140940.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046681|ref|XP_017140934.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046697|ref|XP_017140935.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046776|ref|XP_017140941.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046792|ref|XP_017140942.1| PREDICTED: regulating synaptic membrane exocytosis protein
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>gi|1037046868|ref|XP_017140948.1| PREDICTED: uncharacterized protein LOC108154952 [Drosophila
>gi|1037030467|ref|XP_017139919.1| PREDICTED: protein tincar isoform X1 [Drosophila miranda]
>gi|1037030483|ref|XP_017139920.1| PREDICTED: protein tincar isoform X2 [Drosophila miranda]
>gi|1037030517|ref|XP_017139923.1| PREDICTED: chitobiosyldiphosphodolichol beta-mannosyltransf
>gi|1037030743|ref|XP 017139938.1| PREDICTED: uncharacterized protein LOC108154222 [Drosophila
>gi|1037030653|ref|XP_017139932.1| PREDICTED: arfaptin-2 [Drosophila miranda]
>gi|1037030781|ref|XP 017139940.1| PREDICTED: DPH3 homolog [Drosophila miranda]
>gi|1037030686|ref|XP_017139934.1| PREDICTED: dnaJ homolog subfamily C member 17 [Drosophila m
>gi|1037030501|ref|XP_017139921.1| PREDICTED: GRIP and coiled-coil domain-containing protein 1
>gi|1037030533|ref|XP_017139924.1| PREDICTED: NADH dehydrogenase [ubiquinone] complex I, assem
>gi|1037030707|ref|XP_017139935.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1037030725|ref|XP_017139936.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1037030548|ref|XP_017139925.1| PREDICTED: 60S ribosomal protein L3 isoform X1 [Drosophila i
>gi|1037030566|ref|XP_017139926.1| PREDICTED: 60S ribosomal protein L3 isoform X2 [Drosophila i
>gi|1037030599|ref|XP_017139928.1| PREDICTED: zinc finger protein 544-like [Drosophila miranda]
>gi|1037030671|ref|XP_017139933.1| PREDICTED: J domain-containing protein CG6693 [Drosophila m
>gi|1037030617|ref|XP_017139929.1| PREDICTED: uncharacterized protein LOC108154215 [Drosophila
>gi|1037030582|ref|XP_017139927.1| PREDICTED: uncharacterized protein LOC108154213 [Drosophila
>gi|1037022729|ref|XP_017139440.1| PREDICTED: uncharacterized protein LOC108153853 [Drosophila
>gi|1037030638|ref|XP 017139931.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037030763|ref|XP_017139939.1| PREDICTED: 40S ribosomal protein S25 [Drosophila miranda]
>gi|1037094813|ref|XP 017144288.1| PREDICTED: zinc transporter 7 isoform X1 [Drosophila mirand
>gi|1037094827|ref|XP_017144289.1| PREDICTED: zinc transporter 7 isoform X2 [Drosophila mirand
>gi|1037094841|ref|XP_017144291.1| PREDICTED: zinc transporter 7 isoform X2 [Drosophila mirand
>gi|1037096743|ref|XP_017144452.1| PREDICTED: translationally-controlled tumor protein homolog
>gi|1037089986|ref|XP_017143937.1| PREDICTED: succinate dehydrogenase cytochrome b560 subunit,
>gi|1037089972|ref|XP_017143935.1| PREDICTED: nocturnin isoform X5 [Drosophila miranda]
>gi|1037089918|ref|XP_017143931.1| PREDICTED: nocturnin isoform X1 [Drosophila miranda]
>gi|1037089958|ref|XP_017143934.1| PREDICTED: nocturnin isoform X4 [Drosophila miranda]
>gi|1037089931|ref|XP_017143932.1| PREDICTED: nocturnin isoform X2 [Drosophila miranda]
>gi|1037089944|ref|XP_017143933.1| PREDICTED: nocturnin isoform X3 [Drosophila miranda]
>gi|1037090000|ref|XP_017143938.1| PREDICTED: uncharacterized protein LOC108156777 [Drosophila
>gi|1037071025|ref|XP_017142586.1| PREDICTED: UDP-glucuronosyltransferase 2C1 isoform X2 [Dros
>gi|1037071009|ref|XP_017142585.1| PREDICTED: UDP-glucuronosyltransferase 1-9 isoform X1 [Dros
>gi|1037071059|ref|XP 017142589.1| PREDICTED: UDP-glucuronosyltransferase [Drosophila miranda]
>gi|1037070957|ref|XP_017142582.1| PREDICTED: UDP-glucuronosyltransferase [Drosophila miranda]
>gi|1037071043|ref|XP_017142587.1| PREDICTED: UDP-glucuronosyltransferase 2A3 [Drosophila mirates]
>gi|1037070993|ref|XP_017142584.1| PREDICTED: UDP-glucuronosyltransferase 2A3-like [Drosophila
>gi|1037070941|ref|XP_017142581.1| PREDICTED: venom carboxylesterase-6 [Drosophila miranda]
>gi|1037070975|ref|XP_017142583.1| PREDICTED: UDP-glucuronosyltransferase [Drosophila miranda]
>gi|1037102241|ref|XP_017144957.1| PREDICTED: UDP-glucuronosyltransferase 2B15-like [Drosophile]
>gi|1037106057|ref|XP_017145444.1| PREDICTED: LOW QUALITY PROTEIN: UDP-glucuronosyltransferase
>gi|1037105360|ref|XP_017145347.1| PREDICTED: UDP-glucuronosyltransferase 2B31 [Drosophila mire
>gi|1037103921|ref|XP_017145145.1| PREDICTED: probable aconitate hydratase, mitochondrial [Dros
>gi|1037105260|ref|XP_017145331.1| PREDICTED: UDP-glucuronosyltransferase 2B15 [Drosophila mir
>gi|1037033526|ref|XP_017140102.1| PREDICTED: uncharacterized protein LOC108154347 [Drosophila
>gi|1037085126|ref|XP_017143595.1| PREDICTED: nephrin [Drosophila miranda]
>gi|1037085179|ref|XP_017143599.1| PREDICTED: uncharacterized protein LOC108156576 [Drosophila
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>gi|1037085153|ref|XP_017143597.1| PREDICTED: uncharacterized protein LOC108156575 isoform X1
>gi|1037085167|ref|XP_017143598.1| PREDICTED: uncharacterized protein LOC108156575 isoform X2
>gi|1037085207|ref|XP_017143602.1| PREDICTED: uncharacterized protein LOC108156578 [Drosophila
>gi|1037085193|ref|XP_017143601.1| PREDICTED: uncharacterized protein LOC108156577 [Drosophila
>gi|1037085140|ref|XP 017143596.1| PREDICTED: proteasome subunit alpha type-6-like [Drosophila
>gi|1037074191|ref|XP_017142804.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037074175|ref|XP 017142803.1| PREDICTED: tetratricopeptide repeat protein 14 homolog [Drop
>gi|1037074206|ref|XP_017142805.1| PREDICTED: GTP:AMP phosphotransferase AK3, mitochondrial [Di
>gi|1037074220|ref|XP_017142806.1| PREDICTED: GTP:AMP phosphotransferase AK3, mitochondrial [Di
>gi|1037095949|ref|XP_017144378.1| PREDICTED: arrestin domain-containing protein 1 [Drosophila
>gi|1037095961|ref|XP_017144379.1| PREDICTED: mitochondrial thiamine pyrophosphate carrier [Dref|XP_017144379.1]
>gi|1037099638|ref|XP_017144720.1| PREDICTED: uncharacterized protein LOC108157253 [Drosophila
>gi|1037099626|ref|XP_017144719.1| PREDICTED: sorbitol dehydrogenase isoform X3 [Drosophila mi
>gi|1037099614|ref|XP_017144718.1| PREDICTED: sorbitol dehydrogenase isoform X2 [Drosophila mi
>gi|1037099602|ref|XP_017144717.1| PREDICTED: sorbitol dehydrogenase isoform X1 [Drosophila mi
>gi|1037105340|ref|XP_017145343.1| PREDICTED: uncharacterized protein LOC108157687 [Drosophila
>gi|1037062657|ref|XP_017142023.1| PREDICTED: alcohol dehydrogenase class-3 [Drosophila mirand
>gi|1037062673|ref|XP 017142024.1| PREDICTED: tetraspanin-33 [Drosophila miranda]
>gi|1037062687|ref|XP_017142025.1| PREDICTED: methionine-R-sulfoxide reductase B1 isoform X1 [
>gi|1037062705|ref|XP 017142026.1| PREDICTED: methionine-R-sulfoxide reductase B1 isoform X2 [
>gi|1037062721|ref|XP_017142028.1| PREDICTED: methionine-R-sulfoxide reductase B1 isoform X3 [
>gi|1037062736|ref|XP 017142029.1| PREDICTED: methionine-R-sulfoxide reductase B1 isoform X4 [
>gi|1037062596|ref|XP_017142019.1| PREDICTED: thiamine transporter 1 isoform X1 [Drosophila mi
>gi|1037062612|ref|XP_017142020.1| PREDICTED: thiamine transporter 1 isoform X2 [Drosophila mi
>gi|1037062627|ref|XP_017142021.1| PREDICTED: thiamine transporter 2 isoform X1 [Drosophila mi
>gi|1037062641|ref|XP_017142022.1| PREDICTED: thiamine transporter 2 isoform X2 [Drosophila mi
>gi|1037074797|ref|XP_017142845.1| PREDICTED: uncharacterized protein LOC108156072 [Drosophila
>gi|1037074781|ref|XP_017142844.1| PREDICTED: protein AF-9 [Drosophila miranda]
>gi|1037074839|ref|XP_017142849.1| PREDICTED: uncharacterized protein LOC108156074 [Drosophila
>gi|1037074823|ref|XP_017142846.1| PREDICTED: nuclear transcription factor Y subunit beta [Dropleton factor Y subunit beta property of the control of the co
>gi|1037103175|ref|XP_017145055.1| PREDICTED: tropomyosin-2 isoform X1 [Drosophila miranda]
>gi|1037103185|ref|XP_017145056.1| PREDICTED: tropomyosin-2 isoform X2 [Drosophila miranda]
>gi|1037055526|ref|XP_017141539.1| PREDICTED: golgin-84 isoform X11 [Drosophila miranda]
>gi|1037055509|ref|XP_017141538.1| PREDICTED: golgin-84 isoform X10 [Drosophila miranda]
>gi|1037055649|ref|XP 017141546.1| PREDICTED: tropomyosin-1, isoforms 9A/A/B isoform X18 [Dros
>gi|1037055665|ref|XP_017141547.1| PREDICTED: tropomyosin-1, isoforms 9A/A/B isoform X19 [Dros
>gi|1037055584|ref|XP 017141542.1| PREDICTED: tropomyosin-2 isoform X14 [Drosophila miranda]
>gi|1037055600|ref|XP_017141543.1| PREDICTED: tropomyosin-2 isoform X15 [Drosophila miranda]
>gi|1037055465|ref|XP_017141534.1| PREDICTED: golgin-84 isoform X7 [Drosophila miranda]
>gi|1037055451|ref|XP_017141533.1| PREDICTED: golgin-84 isoform X6 [Drosophila miranda]
>gi|1037055383|ref|XP_017141529.1| PREDICTED: formin-binding protein 4 isoform X2 [Drosophila i
>gi|1037055367|ref|XP_017141528.1| PREDICTED: formin-binding protein 4 isoform X1 [Drosophila in the content of the content of
>gi|1037055399|ref|XP_017141530.1| PREDICTED: formin-binding protein 4 isoform X3 [Drosophila in the content of the content of
>gi|1037055568|ref|XP_017141541.1| PREDICTED: tropomyosin-1, isoforms 33/34 isoform X13 [Droso
>gi|1037055543|ref|XP_017141540.1| PREDICTED: tropomyosin-2 isoform X12 [Drosophila miranda]
>gi|1037055415|ref|XP_017141531.1| PREDICTED: actin cytoskeleton-regulatory complex protein par
>gi|1037055435|ref|XP_017141532.1| PREDICTED: actin cytoskeleton-regulatory complex protein par
>gi|1037055614|ref|XP_017141544.1| PREDICTED: tropomyosin-1, isoforms 33/34 isoform X16 [Droso
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>gi|1037055492|ref|XP_017141537.1| PREDICTED: golgin-84 isoform X9 [Drosophila miranda]
>gi|1037055476|ref|XP_017141536.1| PREDICTED: golgin-84 isoform X8 [Drosophila miranda]
>gi|1037055633|ref|XP_017141545.1| PREDICTED: tropomyosin-1, isoforms 9A/A/B isoform X17 [Dros
>gi|1037043237|ref|XP_017140706.1| PREDICTED: cytochrome c oxidase assembly protein COX16 homo
>gi|1037043147|ref|XP 017140700.1| PREDICTED: nuA4 complex subunit EAF3 homolog [Drosophila mi
>gi|1037043212|ref|XP_017140704.1| PREDICTED: ribosome biogenesis protein TSR3 homolog [Drosop
>gi|1037043055|ref|XP 017140693.1| PREDICTED: centrosome-associated zinc finger protein CP190
>gi|1037043069|ref|XP_017140694.1| PREDICTED: centrosome-associated zinc finger protein CP190
>gi|1037043085|ref|XP_017140695.1| PREDICTED: centrosome-associated zinc finger protein CP190
>gi|1037043180|ref|XP_017140702.1| PREDICTED: protein zntD isoform X2 [Drosophila miranda]
>gi|1037043164|ref|XP_017140701.1| PREDICTED: protein zntD isoform X1 [Drosophila miranda]
>gi|1037043101|ref|XP_017140696.1| PREDICTED: uncharacterized protein LOC108154808 [Drosophila
>gi|1037043224|ref|XP_017140705.1| PREDICTED: ATP synthase subunit 0, mitochondrial [Drosophile
>gi|1037043196|ref|XP_017140703.1| PREDICTED: protein SET [Drosophila miranda]
>gi|1037043132|ref|XP_017140698.1| PREDICTED: eukaryotic translation initiation factor 2 subun
>gi|1037043117|ref|XP_017140697.1| PREDICTED: histone-lysine N-methyltransferase Su(var)3-9 is
>gi|1037043252|ref|XP_017140707.1| PREDICTED: AF4/FMR2 family member 4 [Drosophila miranda]
>gi|1037043264|ref|XP_017140708.1| PREDICTED: uncharacterized protein LOC108154819 [Drosophila
>gi|1037081134|ref|XP_017143291.1| PREDICTED: putative ammonium transporter 2 [Drosophila mirated
>gi|1037081120|ref|XP 017143289.1| PREDICTED: heat shock 70 kDa protein cognate 4 [Drosophila 1
>gi|1037052045|ref|XP_017141299.1| PREDICTED: serine/threonine-protein kinase ATM [Drosophila i
>gi|1037052138|ref|XP 017141304.1| PREDICTED: uncharacterized protein LOC108155155 [Drosophila
>gi|1037052154|ref|XP_017141306.1| PREDICTED: 28S ribosomal protein S10, mitochondrial isoform
>gi|1037052170|ref|XP 017141307.1| PREDICTED: 28S ribosomal protein S10, mitochondrial isoform
>gi|1037052074|ref|XP_017141300.1| PREDICTED: protein arginine N-methyltransferase 1 isoform X
>gi|1037052090|ref|XP_017141301.1| PREDICTED: protein arginine N-methyltransferase 1 isoform X
>gi|1037052106|ref|XP_017141302.1| PREDICTED: probable histone-binding protein Caf1 [Drosophile
>gi|1037052122|ref|XP_017141303.1| PREDICTED: uncharacterized protein LOC108155154 [Drosophila
>gi|1037089715|ref|XP_017143914.1| PREDICTED: rho GTPase-activating protein 92B [Drosophila mi
>gi|1037106167|ref|XP_017145459.1| PREDICTED: uncharacterized protein LOC108157781 [Drosophila
>gi|1037106159|ref|XP_017145458.1| PREDICTED: uncharacterized protein LOC108157779 [Drosophila
>gi|1037034204|ref|XP_017140143.1| PREDICTED: solute carrier family 22 member 3 [Drosophila min
>gi|1037098529|ref|XP_017144623.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037098505|ref|XP_017144621.1| PREDICTED: solute carrier family 22 member 13 [Drosophila m
>gi|1037098517|ref|XP 017144622.1| PREDICTED: solute carrier family 22 member 13 [Drosophila m
>gi|1037098495|ref|XP_017144620.1| PREDICTED: solute carrier family 22 member 1 [Drosophila mi
>gi|1037071205|ref|XP 017142599.1| PREDICTED: heparan-sulfate 6-0-sulfotransferase 2 [Drosophi
>gi|1037071189|ref|XP_017142598.1| PREDICTED: FYVE and coiled-coil domain-containing protein 1
>gi|1037071171|ref|XP_017142597.1| PREDICTED: E3 ubiquitin-protein ligase BRE1 isoform X1 [Dros
>gi|1037071236|ref|XP_017142600.1| PREDICTED: uncharacterized protein LOC108155946 [Drosophila
>gi|1037071268|ref|XP_017142602.1| PREDICTED: uncharacterized protein LOC108155949 [Drosophila
>gi|1037071252|ref|XP_017142601.1| PREDICTED: uncharacterized protein LOC108155948 [Drosophila
>gi|1037033234|ref|XP 017140086.1| PREDICTED: uncharacterized protein LOC108154336 [Drosophila
>gi|1037060596|ref|XP_017141883.1| PREDICTED: uncharacterized protein LOC108155531 isoform X2
>gi|1037060582|ref|XP_017141882.1| PREDICTED: uncharacterized protein LOC108155531 isoform X1
>gi|1037060610|ref|XP_017141884.1| PREDICTED: uncharacterized protein LOC108155531 isoform X3
>gi|1037060626|ref|XP_017141886.1| PREDICTED: uncharacterized protein LOC108155531 isoform X4
>gi|1037060642|ref|XP_017141887.1| PREDICTED: uncharacterized protein LOC108155531 isoform X5
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>gi|1037060706|ref|XP_017141891.1| PREDICTED: N-acetylglucosaminyl-phosphatidylinositol de-N-a
>gi|1037060658|ref|XP_017141888.1| PREDICTED: phagocyte signaling-impaired protein isoform X1
>gi|1037060672|ref|XP_017141889.1| PREDICTED: phagocyte signaling-impaired protein isoform X2
>gi|1037060736|ref|XP_017141894.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037060752|ref|XP 017141895.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037060720|ref|XP_017141892.1| PREDICTED: zinc finger protein 287 [Drosophila miranda]
>gi|1037060690|ref|XP_017141890.1| PREDICTED: zinc finger protein 62 homolog [Drosophila miran
>gi|1037090709|ref|XP_017143995.1| PREDICTED: zinc finger protein 771 [Drosophila miranda]
>gi|1037090695|ref|XP 017143994.1| PREDICTED: probable ribonuclease ZC3H12C [Drosophila mirand
>gi|1037103772|ref|XP_017145126.1| PREDICTED: uncharacterized protein LOC108157534 [Drosophila
>gi|1037103748|ref|XP_017145122.1| PREDICTED: protein I'm not dead yet 2-like [Drosophila mirat
>gi|1037103756|ref|XP_017145123.1| PREDICTED: protein I'm not dead yet 2-like [Drosophila mirate
>gi|1037103764|ref|XP_017145125.1| PREDICTED: uncharacterized protein LOC108157532 [Drosophila
>gi|1037095312|ref|XP_017144328.1| PREDICTED: S-formylglutathione hydrolase [Drosophila mirand
>gi|1037095326|ref|XP_017144329.1| PREDICTED: S-formylglutathione hydrolase [Drosophila mirand
>gi|1037095341|ref|XP_017144330.1| PREDICTED: S-formylglutathione hydrolase [Drosophila mirand
>gi|1037095298|ref|XP_017144327.1| PREDICTED: RING finger protein 113A [Drosophila miranda]
>gi|1037104656|ref|XP 017145244.1| PREDICTED: opsin Rh3 [Drosophila miranda]
>gi|1037097219|ref|XP_017144495.1| PREDICTED: heat shock 70 kDa protein cognate 4-like [Drosop
>gi|1037105251|ref|XP 017145330.1| PREDICTED: muscle-specific protein 20 [Drosophila miranda]
>gi|1037103359|ref|XP_017145075.1| PREDICTED: ureidoglycolate dehydrogenase (NAD(+)) [Drosophi
>gi|1037103339|ref|XP 017145073.1| PREDICTED: neuroligin 4-like [Drosophila miranda]
>gi|1037103349|ref|XP_017145074.1| PREDICTED: neuroligin 4-like [Drosophila miranda]
>gi|1037066448|ref|XP_017142272.1| PREDICTED: putative transcription factor capicua isoform X1
>gi|1037066496|ref|XP_017142275.1| PREDICTED: putative transcription factor capicua isoform X4
>gi|1037066464|ref|XP_017142273.1| PREDICTED: putative transcription factor capicua isoform X2
>gi|1037066511|ref|XP_017142276.1| PREDICTED: putative transcription factor capicua isoform X5
>gi|1037066480|ref|XP_017142274.1| PREDICTED: putative transcription factor capicua isoform X3
>gi|1037066529|ref|XP_017142277.1| PREDICTED: putative transcription factor capicua isoform X6
>gi|1037066561|ref|XP_017142279.1| PREDICTED: putative transcription factor capicua isoform X8
>gi|1037066546|ref|XP_017142278.1| PREDICTED: putative transcription factor capicua isoform X7
>gi|1037037294|ref|XP_017140318.1| PREDICTED: uncharacterized protein LOC108154526 [Drosophila
>gi|1037099154|ref|XP 017144674.1| PREDICTED: uncharacterized protein LOC108157228 [Drosophila
>gi|1037099087|ref|XP_017144672.1| PREDICTED: titin homolog [Drosophila miranda]
>gi|1037099105|ref|XP 017144673.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 [
>gi|1037049314|ref|XP_017141109.1| PREDICTED: furin-like protease 1 isoform X2 [Drosophila mire
>gi|1037049284|ref|XP 017141107.1| PREDICTED: furin-like protease 1 isoform X1 [Drosophila mire
>gi|1037049300|ref|XP_017141108.1| PREDICTED: furin-like protease 1 isoform X1 [Drosophila mire
>gi|1037049328|ref|XP_017141110.1| PREDICTED: NADH-quinone oxidoreductase subunit D [Drosophile
>gi|1037049347|ref|XP_017141112.1| PREDICTED: carboxypeptidase N subunit 2 [Drosophila miranda]
>gi|1037049361|ref|XP_017141113.1| PREDICTED: collagen alpha-1(V) chain [Drosophila miranda]
>gi|1037049374|ref|XP_017141114.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
>gi|1037094349|ref|XP_017144253.1| PREDICTED: vacuolar protein sorting-associated protein 33B
>gi|1037094363|ref|XP_017144254.1| PREDICTED: vacuolar protein sorting-associated protein 33B
>gi|1037094376|ref|XP_017144255.1| PREDICTED: uncharacterized protein LOC108156975 [Drosophila
>gi|1037031400|ref|XP_017139977.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037106628|ref|XP_017145523.1| PREDICTED: regulator of chromosome condensation-like [Droso
>gi|1037057418|ref|XP_017141659.1| PREDICTED: transcriptional regulator ATRX homolog [Drosophi
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>gi|1037057402|ref|XP_017141658.1| PREDICTED: nuclear factor related to kappa-B-binding protein
>gi|1037094855|ref|XP_017144292.1| PREDICTED: zinc finger protein 423 [Drosophila miranda]
>gi|1037091031|ref|XP_017144019.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1037090949|ref|XP_017144012.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037090963|ref|XP 017144013.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037090976|ref|XP_017144014.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037090990|ref|XP 017144015.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037091004|ref|XP_017144016.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037091018|ref|XP_017144017.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037091047|ref|XP_017144020.1| PREDICTED: venom allergen 3 [Drosophila miranda]
>gi|1037053318|ref|XP_017141385.1| PREDICTED: UPF0160 protein [Drosophila miranda]
>gi|1037053356|ref|XP_017141386.1| PREDICTED: proteasome subunit beta type-3 [Drosophila miran
>gi|1037053304|ref|XP_017141384.1| PREDICTED: E3 ubiquitin-protein ligase RNF126-B [Drosophila
>gi|1037053276|ref|XP_017141382.1| PREDICTED: uncharacterized protein LOC108155209 [Drosophila
>gi|1037053250|ref|XP_017141380.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X2 [Dr
>gi|1037053264|ref|XP_017141381.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X3 [Dr
>gi|1037053218|ref|XP_017141378.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X1 [Dref|XP_017141378.1]
>gi|1037053234|ref|XP_017141379.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X1 [Dr
>gi|1037053288|ref|XP 017141383.1| PREDICTED: embryonic stem cell-specific 5-hydroxymethylcyto
>gi|1037053176|ref|XP_017141374.1| PREDICTED: aryl hydrocarbon receptor nuclear translocator h
>gi|1037053196|ref|XP 017141376.1| PREDICTED: aryl hydrocarbon receptor nuclear translocator h
>gi|1037076200|ref|XP_017142943.1| PREDICTED: protein neuralized isoform X2 [Drosophila mirand
>gi|1037076184|ref|XP_017142942.1| PREDICTED: protein neuralized isoform X1 [Drosophila mirand
>gi|1037065545|ref|XP_017142211.1| PREDICTED: parafibromin [Drosophila miranda]
>gi|1037065577|ref|XP_017142213.1| PREDICTED: bifunctional methylenetetrahydrofolate dehydroge.
>gi|1037065561|ref|XP_017142212.1| PREDICTED: bifunctional methylenetetrahydrofolate dehydroge.
>gi|1037065593|ref|XP_017142214.1| PREDICTED: bifunctional methylenetetrahydrofolate dehydrogen
>gi|1037065527|ref|XP_017142210.1| PREDICTED: nuclear factor NF-kappa-B p110 subunit [Drosophi
>gi|1037065609|ref|XP_017142215.1| PREDICTED: uncharacterized protein LOC108155722 [Drosophila
>gi|1037077240|ref|XP_017143010.1| PREDICTED: putative protein TPRXL [Drosophila miranda]
>gi|1037072769|ref|XP_017142705.1| PREDICTED: uncharacterized protein LOC108156011 [Drosophila
>gi|1037072753|ref|XP 017142703.1| PREDICTED: uncharacterized protein LOC108156010 [Drosophila
>gi|1037072737|ref|XP_017142702.1| PREDICTED: T-complex protein 1 subunit eta [Drosophila mira
>gi|1037072722|ref|XP 017142701.1| PREDICTED: uncharacterized protein LOC108156008 [Drosophila
>gi|1037070676|ref|XP_017142562.1| PREDICTED: cytospin-A isoform X1 [Drosophila miranda]
>gi|1037070690|ref|XP_017142563.1| PREDICTED: cytospin-A isoform X2 [Drosophila miranda]
>gi|1037070765|ref|XP_017142569.1| PREDICTED: uncharacterized protein LOC108155927 [Drosophila
>gi|1037070705|ref|XP_017142564.1| PREDICTED: intracellular protein transport protein USO1 iso
>gi|1037070733|ref|XP_017142566.1| PREDICTED: uncharacterized protein LOC108155925 [Drosophila
>gi|1037070719|ref|XP_017142565.1| PREDICTED: uncharacterized protein LOC108155924 [Drosophila
>gi|1037022747|ref|XP_017139441.1| PREDICTED: uncharacterized protein LOC108153854 [Drosophila
>gi|1037070749|ref|XP_017142568.1| PREDICTED: uncharacterized protein LOC108155926 [Drosophila
>gi|1037105227|ref|XP_017145327.1| PREDICTED: chymotrypsinogen A isoform X1 [Drosophila mirand
>gi|1037105235|ref|XP_017145328.1| PREDICTED: chymotrypsinogen A isoform X2 [Drosophila mirand
>gi|1037105219|ref|XP_017145326.1| PREDICTED: uncharacterized protein LOC108157673 [Drosophila
>gi|1037090668|ref|XP_017143991.1| PREDICTED: uncharacterized protein LOC108156809 [Drosophila
>gi|1037090682|ref|XP_017143992.1| PREDICTED: protein NASP homolog [Drosophila miranda]
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>gi|1037048525|ref|XP_017141055.1| PREDICTED: PP2C-like domain-containing protein CG9801 [Dros
>gi|1037048509|ref|XP_017141054.1| PREDICTED: UPF0505 protein CG8202 isoform X2 [Drosophila mi
>gi|1037048496|ref|XP_017141053.1| PREDICTED: UPF0505 protein CG8202 isoform X1 [Drosophila mi
>gi|1037048573|ref|XP_017141058.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037048589|ref|XP 017141059.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037048667|ref|XP_017141065.1| PREDICTED: transcription factor Ouib-like [Drosophila miran-
>gi|1037048651|ref|XP 017141063.1| PREDICTED: transcription factor Ouib isoform X4 [Drosophila
>gi|1037048619|ref|XP_017141061.1| PREDICTED: transcription factor Ouib isoform X2 [Drosophila
>gi|1037048635|ref|XP_017141062.1| PREDICTED: transcription factor Ouib isoform X3 [Drosophila
>gi|1037048605|ref|XP_017141060.1| PREDICTED: transcription factor Ouib isoform X1 [Drosophila
>gi|1037048557|ref|XP_017141057.1| PREDICTED: uncharacterized protein LOC108155016 [Drosophila
>gi|1037048683|ref|XP_017141066.1| PREDICTED: transmembrane protein 216 [Drosophila miranda]
>gi|1037048699|ref|XP_017141067.1| PREDICTED: uncharacterized protein LOC108155023 [Drosophila
>gi|1037048715|ref|XP_017141068.1| PREDICTED: cyclin-dependent kinases regulatory subunit [Dros
>gi|1037048541|ref|XP_017141056.1| PREDICTED: sterol O-acyltransferase 1 [Drosophila miranda]
>gi|1037088751|ref|XP_017143837.1| PREDICTED: protein hunchback [Drosophila miranda]
>gi|1037088761|ref|XP_017143838.1| PREDICTED: protein hunchback [Drosophila miranda]
>gi|1037044068|ref|XP 017140757.1| PREDICTED: nuclear RNA export factor 2-like isoform X2 [Dro
>gi|1037044053|ref|XP_017140756.1| PREDICTED: nuclear RNA export factor 2-like isoform X1 [Droplem of the content of the conte
>gi|1037044084|ref|XP 017140758.1| PREDICTED: nuclear RNA export factor 2-like isoform X3 [Dro
>gi|1037044207|ref|XP_017140766.1| PREDICTED: protein unc-50 homolog [Drosophila miranda]
>gi|1037044173|ref|XP 017140764.1| PREDICTED: 39S ribosomal protein L19, mitochondrial [Drosop
>gi|1037044191|ref|XP_017140765.1| PREDICTED: 39S ribosomal protein L19, mitochondrial [Drosop
>gi|1037044109|ref|XP_017140760.1| PREDICTED: zinc finger protein 2 homolog isoform X2 [Drosop
>gi|1037044125|ref|XP_017140761.1| PREDICTED: zinc finger protein 2 homolog isoform X2 [Drosop
>gi|1037044098|ref|XP_017140759.1| PREDICTED: oocyte zinc finger protein X1C0F6-like isoform X
>gi|1037044223|ref|XP_017140767.1| PREDICTED: putative riboflavin kinase [Drosophila miranda]
>gi|1037044141|ref|XP_017140762.1| PREDICTED: amidophosphoribosyltransferase [Drosophila mirane
>gi|1037044157|ref|XP_017140763.1| PREDICTED: transcription initiation factor TFIID subunit 7
>gi|1037044039|ref|XP_017140754.1| PREDICTED: ER membrane protein complex subunit 1 [Drosophile
>gi|1037068662|ref|XP_017142422.1| PREDICTED: 28S ribosomal protein S9, mitochondrial [Drosoph
>gi|1037068406|ref|XP_017142405.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068376|ref|XP_017142402.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068391|ref|XP_017142403.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068437|ref|XP 017142407.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068422|ref|XP_017142406.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068451|ref|XP 017142408.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068646|ref|XP_017142421.1| PREDICTED: probable arginine--tRNA ligase, mitochondrial [Di
>gi|1037068467|ref|XP_017142409.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X
>gi|1037068483|ref|XP_017142410.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X
>gi|1037068581|ref|XP_017142416.1| PREDICTED: uncharacterized protein LOC108155825 isoform X7
>gi|1037068515|ref|XP_017142412.1| PREDICTED: formin-J isoform X3 [Drosophila miranda]
>gi|1037068598|ref|XP 017142417.1| PREDICTED: uncharacterized protein LOC108155825 isoform X8
>gi|1037068549|ref|XP_017142414.1| PREDICTED: chromatin modification-related protein EAF1 isof
>gi|1037068498|ref|XP_017142411.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X
>gi|1037068565|ref|XP_017142415.1| PREDICTED: chromatin modification-related protein EAF1 isof
>gi|1037068531|ref|XP_017142413.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X-
>gi|1037068614|ref|XP_017142418.1| PREDICTED: uncharacterized protein LOC108155825 isoform X9
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>gi|1037101781|ref|XP_017144908.1| PREDICTED: diacylglycerol kinase eta isoform X4 [Drosophila
>gi|1037101761|ref|XP_017144906.1| PREDICTED: diacylglycerol kinase eta isoform X2 [Drosophila
>gi|1037101811|ref|XP_017144911.1| PREDICTED: diacylglycerol kinase eta isoform X7 [Drosophila
>gi|1037101771|ref|XP_017144907.1| PREDICTED: diacylglycerol kinase eta isoform X3 [Drosophila
>gi|1037101751|ref|XP_017144905.1| PREDICTED: diacylglycerol kinase eta isoform X1 [Drosophila
>gi|1037101791|ref|XP_017144909.1| PREDICTED: diacylglycerol kinase eta isoform X5 [Drosophila
>gi|1037100400|ref|XP_017144779.1| PREDICTED: pyridoxine/pyridoxamine 5'-phosphate oxidase [Dr
>gi|1037100384|ref|XP_017144778.1| PREDICTED: pyridoxine-5'-phosphate oxidase [Drosophila mirated]
>gi|1037090225|ref|XP_017143956.1| PREDICTED: arrestin domain-containing protein 1 [Drosophila
>gi|1037104913|ref|XP_017145280.1| PREDICTED: uncharacterized protein LOC108157644 [Drosophila
>gi|1037104905|ref|XP_017145279.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037100488|ref|XP_017144787.1| PREDICTED: arrestin domain-containing protein 5 [Drosophila
>gi|1037100476|ref|XP_017144786.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037100460|ref|XP_017144785.1| PREDICTED: arrestin domain-containing protein 2 [Drosophila
>gi|1037033073|ref|XP_017140076.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037033090|ref|XP_017140077.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037106440|ref|XP_017145497.1| PREDICTED: arrestin domain-containing protein 15 [Drosophile
>gi|1037106175|ref|XP 017145460.1| PREDICTED: arrestin domain-containing protein 2 [Drosophila
>gi|1037106015|ref|XP_017145439.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037035323|ref|XP 017140207.1| PREDICTED: uncharacterized protein LOC108154447 [Drosophila
>gi|1037105720|ref|XP_017145397.1| PREDICTED: serine protease easter isoform X1 [Drosophila mi
>gi|1037105726|ref|XP_017145398.1| PREDICTED: serine protease easter isoform X2 [Drosophila mi
>gi|1037034038|ref|XP_017140133.1| PREDICTED: uncharacterized protein LOC108154380 [Drosophila
>gi|1037034018|ref|XP_017140132.1| PREDICTED: uncharacterized protein LOC108154379 [Drosophila
>gi|1037037416|ref|XP_017140326.1| PREDICTED: uncharacterized protein LOC108154534 [Drosophila
>gi|1037033196|ref|XP_017140084.1| PREDICTED: solute carrier family 25 member 40 [Drosophila m
>gi|1037099720|ref|XP_017144728.1| PREDICTED: uncharacterized protein LOC108157261 [Drosophila
>gi|1037099734|ref|XP_017144729.1| PREDICTED: uncharacterized protein LOC108157261 [Drosophila
>gi|1037103536|ref|XP_017145095.1| PREDICTED: cytochrome c oxidase subunit 4 isoform 1, mitoch
>gi|1037022765|ref|XP_017139443.1| PREDICTED: neuroligin-4, Y-linked [Drosophila miranda]
>gi|1037022781|ref|XP_017139444.1| PREDICTED: uncharacterized protein LOC108153856 [Drosophila
>gi|1037064400|ref|XP_017142143.1| PREDICTED: esterase B1 [Drosophila miranda]
>gi|1037064414|ref|XP 017142144.1| PREDICTED: esterase B1 isoform X1 [Drosophila miranda]
>gi|1037064430|ref|XP_017142145.1| PREDICTED: esterase B1 isoform X2 [Drosophila miranda]
>gi|1037064446|ref|XP 017142146.1| PREDICTED: esterase B1-like isoform X1 [Drosophila miranda]
>gi|1037064460|ref|XP_017142148.1| PREDICTED: esterase B1-like isoform X2 [Drosophila miranda]
>gi|1037022805|ref|XP_017139445.1| PREDICTED: uncharacterized protein LOC108153857 [Drosophila
>gi|1037064476|ref|XP_017142149.1| PREDICTED: reticulon-3 [Drosophila miranda]
>gi|1037097936|ref|XP_017144562.1| PREDICTED: esterase B1 [Drosophila miranda]
>gi|1037097947|ref|XP_017144565.1| PREDICTED: ubiquitin-conjugating enzyme E2-18 kDa [Drosophi
>gi|1037088826|ref|XP_017143844.1| PREDICTED: esterase B1 [Drosophila miranda]
>gi|1037088840|ref|XP_017143845.1| PREDICTED: esterase B1 isoform X1 [Drosophila miranda]
>gi|1037088880|ref|XP_017143848.1| PREDICTED: growth hormone-inducible transmembrane protein [
>gi|1037088854|ref|XP_017143846.1| PREDICTED: esterase B1 isoform X2 [Drosophila miranda]
>gi|1037088867|ref|XP_017143847.1| PREDICTED: esterase B1 [Drosophila miranda]
>gi|1037036647|ref|XP_017140281.1| PREDICTED: uncharacterized protein LOC108154492 [Drosophila
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>gi|1037068630|ref|XP\_017142419.1| PREDICTED: uncharacterized protein LOC108155825 isoform X10 >gi|1037101801|ref|XP\_017144910.1| PREDICTED: diacylglycerol kinase eta isoform X6 [Drosophila

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>gi|1037035357|ref|XP 017140209.1| PREDICTED: neural cell adhesion molecule 1-B isoform X1 [Dro
>gi|1037035375|ref|XP_017140210.1| PREDICTED: neural cell adhesion molecule 1-B isoform X2 [Dref|XP_017140210.1]
>gi|1037106477|ref|XP 017145503.1| PREDICTED: uncharacterized protein LOC108157815 [Drosophila
>gi|1037022823|ref|XP_017139446.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1037022840|ref|XP 017139447.1| PREDICTED: glutamate receptor U1 [Drosophila miranda]
>gi|1037035824|ref|XP_017140231.1| PREDICTED: uncharacterized protein LOC108154471 isoform X1
>gi|1037035840|ref|XP 017140232.1| PREDICTED: uncharacterized protein LOC108154471 isoform X2
>gi|1037106378|ref|XP_017145488.1| PREDICTED: uncharacterized protein LOC108157805 [Drosophila
>gi|1037105594|ref|XP_017145380.1| PREDICTED: uncharacterized protein LOC108157722 [Drosophila
>gi|1037105586|ref|XP_017145378.1| PREDICTED: classical arabinogalactan protein 9 [Drosophila i
>gi|1037022884|ref|XP_017139448.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037106815|ref|XP 017145550.1| PREDICTED: endoplasmic reticulum resident protein 44 [Droso
>gi|1037095102|ref|XP_017144312.1| PREDICTED: LOW QUALITY PROTEIN: zinc finger protein rotund
>gi|1037095186|ref|XP_017144319.1| PREDICTED: GTPase-activating protein RacGAP84C-like [Drosop
>gi|1037022481|ref|XP_017139423.1| PREDICTED: LOW QUALITY PROTEIN: GTPase-activating protein R
>gi|1037095172|ref|XP_017144318.1| PREDICTED: transcription activator MSS11-like [Drosophila m
>gi|1037095158|ref|XP_017144317.1| PREDICTED: very low-density lipoprotein receptor [Drosophile
>gi|1037095116|ref|XP_017144313.1| PREDICTED: synaptotagmin-4 [Drosophila miranda]
>gi|1037095130|ref|XP_017144314.1| PREDICTED: synaptotagmin-4 [Drosophila miranda]
>gi|1037095144|ref|XP 017144315.1| PREDICTED: synaptotagmin-4 [Drosophila miranda]
>gi|1037066760|ref|XP_017142289.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1037066776|ref|XP_017142290.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1037066901|ref|XP_017142299.1| PREDICTED: general odorant-binding protein 84a isoform X2 [
>gi|1037066886|ref|XP_017142298.1| PREDICTED: general odorant-binding protein 84a isoform X1 [
>gi|1037066917|ref|XP_017142300.1| PREDICTED: general odorant-binding protein 84a isoform X3 [
>gi|1037066870|ref|XP_017142297.1| PREDICTED: DTW domain-containing protein 2 [Drosophila mirated
>gi|1037066822|ref|XP_017142294.1| PREDICTED: serine/threonine-protein kinase 16 [Drosophila m
>gi|1037066854|ref|XP_017142296.1| PREDICTED: G patch domain-containing protein 11 isoform X2
>gi|1037066838|ref|XP_017142295.1| PREDICTED: G patch domain-containing protein 11 isoform X1
>gi|1037066744|ref|XP_017142288.1| PREDICTED: nucleolar complex protein 3 homolog [Drosophila i
>gi|1037066808|ref|XP_017142292.1| PREDICTED: uncharacterized protein LOC108155760 isoform X2
>gi|1037066792|ref|XP_017142291.1| PREDICTED: uncharacterized protein LOC108155760 isoform X1
>gi|1037066700|ref|XP_017142285.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1037066714|ref|XP_017142286.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1037066729|ref|XP 017142287.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1037105553|ref|XP_017145374.1| PREDICTED: facilitated trehalose transporter Tret1-like [Dr
>gi|1037106033|ref|XP_017145441.1| PREDICTED: uncharacterized protein LOC108157769 isoform X1
>gi|1037106041|ref|XP_017145442.1| PREDICTED: uncharacterized protein LOC108157769 isoform X2
>gi|1037106049|ref|XP_017145443.1| PREDICTED: uncharacterized protein LOC108157769 isoform X3
>gi|1037105999|ref|XP_017145436.1| PREDICTED: uncharacterized protein LOC108157765 [Drosophila
>gi|1037084425|ref|XP_017143541.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the control of 
>gi|1037084413|ref|XP_017143540.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the company of 
>gi|1037084467|ref|XP_017143545.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the control of 
>gi|1037084374|ref|XP 017143537.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 property of the control of
>gi|1037084387|ref|XP_017143538.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the company of 
>gi|1037084360|ref|XP_017143536.1| PREDICTED: phosphatidylinositol-binding clathrin assembly p
>gi|1037084480|ref|XP_017143546.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the control of 
>gi|1037084439|ref|XP 017143543.1| PREDICTED: phosphatidylinositol-binding clathrin assembly p
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>gi|1037084401|ref|XP_017143539.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the control of 
>gi|1037084494|ref|XP_017143547.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the control of 
>gi|1037084453|ref|XP_017143544.1| PREDICTED: phosphatidylinositol-binding clathrin assembly p
>gi|1037096367|ref|XP_017144418.1| PREDICTED: protein SHQ1 homolog [Drosophila miranda]
>gi|1037072709|ref|XP 017142700.1| PREDICTED: putative epidermal cell surface receptor isoform
>gi|1037072694|ref|XP_017142699.1| PREDICTED: putative epidermal cell surface receptor isoform
>gi|1037072664|ref|XP_017142697.1| PREDICTED: putative epidermal cell surface receptor isoform
>gi|1037072680|ref|XP_017142698.1| PREDICTED: putative epidermal cell surface receptor isoform
>gi|1037066134|ref|XP_017142250.1| PREDICTED: uncharacterized protein LOC108155743 [Drosophila
>gi|1037066150|ref|XP_017142251.1| PREDICTED: uncharacterized protein LOC108155743 [Drosophila
>gi|1037066165|ref|XP_017142252.1| PREDICTED: uncharacterized protein LOC108155743 [Drosophila
>gi|1037066106|ref|XP_017142248.1| PREDICTED: centromere protein J [Drosophila miranda]
>gi|1037066120|ref|XP_017142249.1| PREDICTED: GPN-loop GTPase 3 [Drosophila miranda]
>gi|1037066075|ref|XP_017142246.1| PREDICTED: uncharacterized protein LOC108155740 isoform X1
>gi|1037066089|ref|XP_017142247.1| PREDICTED: glutathione S-transferase 1-1 isoform X2 [Drosop
>gi|1037104477|ref|XP_017145219.1| PREDICTED: uncharacterized protein LOC108157601 isoform X2
>gi|1037104469|ref|XP_017145218.1| PREDICTED: protein twist isoform X1 [Drosophila miranda]
>gi|1037099187|ref|XP_017144676.1| PREDICTED: uncharacterized protein LOC108157230 [Drosophila
>gi|1037099166|ref|XP_017144675.1| PREDICTED: uncharacterized protein LOC108157229 [Drosophila
>gi|1037050467|ref|XP 017141189.1| PREDICTED: ELMO domain-containing protein 2 [Drosophila mire
>gi|1037050452|ref|XP_017141188.1| PREDICTED: secernin-3 [Drosophila miranda]
>gi|1037050273|ref|XP 017141176.1| PREDICTED: protein AF-17 isoform X1 [Drosophila miranda]
>gi|1037050289|ref|XP_017141177.1| PREDICTED: protein AF-17 isoform X2 [Drosophila miranda]
>gi|1037050309|ref|XP_017141178.1| PREDICTED: protein AF-17 isoform X3 [Drosophila miranda]
>gi|1037050323|ref|XP_017141179.1| PREDICTED: protein AF-10 isoform X4 [Drosophila miranda]
>gi|1037050339|ref|XP_017141180.1| PREDICTED: protein AF-10 isoform X5 [Drosophila miranda]
>gi|1037050356|ref|XP_017141182.1| PREDICTED: protein AF-17 isoform X6 [Drosophila miranda]
>gi|1037050370|ref|XP_017141183.1| PREDICTED: protein AF-10 isoform X7 [Drosophila miranda]
>gi|1037050420|ref|XP_017141186.1| PREDICTED: muscle LIM protein Mlp84B [Drosophila miranda]
>gi|1037050436|ref|XP_017141187.1| PREDICTED: muscle LIM protein Mlp84B [Drosophila miranda]
>gi|1037050388|ref|XP_017141184.1| PREDICTED: mucin-5AC isoform X8 [Drosophila miranda]
>gi|1037050404|ref|XP_017141185.1| PREDICTED: mucin-19 isoform X9 [Drosophila miranda]
>gi|1037050481|ref|XP_017141191.1| PREDICTED: enhancer of yellow 2b transcription factor [Drose
>gi|1037052639|ref|XP_017141339.1| PREDICTED: tubulin alpha-1 chain [Drosophila miranda]
>gi|1037052705|ref|XP 017141344.1| PREDICTED: rRNA methyltransferase 2, mitochondrial [Drosoph
>gi|1037052625|ref|XP_017141338.1| PREDICTED: venom serine carboxypeptidase [Drosophila mirand
>gi|1037052721|ref|XP 017141345.1| PREDICTED: transmembrane protein 256 homolog [Drosophila mi
>gi|1037052607|ref|XP_017141337.1| PREDICTED: LOW QUALITY PROTEIN: probable multidrug resistan
>gi|1037052672|ref|XP_017141342.1| PREDICTED: zinc finger homeobox protein 3 [Drosophila miran
>gi|1037052656|ref|XP_017141341.1| PREDICTED: short-chain specific acyl-CoA dehydrogenase, mit
>gi|1037052687|ref|XP_017141343.1| PREDICTED: zinc finger protein 420-like [Drosophila miranda]
>gi|1037070024|ref|XP_017142518.1| PREDICTED: mitogen-activated protein kinase kinase kinase 1
>gi|1037070068|ref|XP_017142522.1| PREDICTED: opsin Rh1 [Drosophila miranda]
>gi|1037070038|ref|XP_017142520.1| PREDICTED: serine/threonine protein phosphatase 2A regulator
>gi|1037070054|ref|XP_017142521.1| PREDICTED: serine/threonine protein phosphatase 2A regulator
>gi|1037042973|ref|XP_017140688.1| PREDICTED: ATP-dependent Clp protease ATP-binding subunit c
>gi|1037043007|ref|XP_017140690.1| PREDICTED: surfeit locus protein 6 homolog [Drosophila mirates
>gi|1037043023|ref|XP_017140691.1| PREDICTED: DNA-directed RNA polymerase II subunit RPB7 [Dros
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>gi|1037042892|ref|XP 017140682.1| PREDICTED: trafficking protein particle complex subunit 10
>gi|1037042908|ref|XP_017140683.1| PREDICTED: trafficking protein particle complex subunit 10
>gi|1037042922|ref|XP 017140684.1| PREDICTED: trafficking protein particle complex subunit 10
>gi|1037042938|ref|XP_017140685.1| PREDICTED: trafficking protein particle complex subunit 10
>gi|1037043039|ref|XP_017140692.1| PREDICTED: diamine acetyltransferase 2 [Drosophila miranda]
>gi|1037042827|ref|XP_017140678.1| PREDICTED: box A-binding factor isoform X2 [Drosophila mirated
>gi|1037042813|ref|XP_017140677.1| PREDICTED: box A-binding factor isoform X1 [Drosophila mirated
>gi|1037042843|ref|XP_017140679.1| PREDICTED: box A-binding factor isoform X3 [Drosophila mirated
>gi|1037042859|ref|XP_017140680.1| PREDICTED: box A-binding factor isoform X4 [Drosophila mirated
>gi|1037042991|ref|XP_017140689.1| PREDICTED: box A-binding factor, partial [Drosophila mirand
>gi|1037076802|ref|XP_017142981.1| PREDICTED: GATA-binding factor A isoform X1 [Drosophila mire
>gi|1037076818|ref|XP_017142982.1| PREDICTED: GATA-binding factor A isoform X2 [Drosophila mire
>gi|1037076834|ref|XP_017142983.1| PREDICTED: GATA-binding factor A isoform X3 [Drosophila mire
>gi|1037076868|ref|XP_017142986.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037076883|ref|XP_017142987.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037076850|ref|XP 017142984.1| PREDICTED: inhibitor of nuclear factor kappa-B kinase subun
>gi|1037076899|ref|XP_017142988.1| PREDICTED: methyltransferase-like protein 23 [Drosophila mi
>gi|1037060005|ref|XP 017141843.1| PREDICTED: LOW QUALITY PROTEIN: cytoskeleton-associated pro-
>gi|1037059987|ref|XP_017141842.1| PREDICTED: LOW QUALITY PROTEIN: NACHT and WD repeat domain-
>gi|1037062249|ref|XP 017141995.1| PREDICTED: unconventional myosin-XVIIIa isoform X1 [Drosoph
>gi|1037062279|ref|XP_017141997.1| PREDICTED: unconventional myosin-XVIIIa isoform X3 [Drosoph
>gi|1037062263|ref|XP_017141996.1| PREDICTED: unconventional myosin-XVIIIa isoform X2 [Drosoph
>gi|1037062295|ref|XP_017141998.1| PREDICTED: unconventional myosin-XVIIIa isoform X4 [Drosoph
>gi|1037062311|ref|XP_017141999.1| PREDICTED: unconventional myosin-XVIIIa isoform X5 [Drosoph
>gi|1037062327|ref|XP_017142000.1| PREDICTED: uncharacterized protein LOC108155593 [Drosophila
>gi|1037062341|ref|XP_017142001.1| PREDICTED: lipase member H [Drosophila miranda]
>gi|1037091445|ref|XP_017144050.1| PREDICTED: RAC serine/threonine-protein kinase [Drosophila 1
>gi|1037097366|ref|XP_017144508.1| PREDICTED: serine proteinase stubble isoform X1 [Drosophila
>gi|1037097378|ref|XP_017144509.1| PREDICTED: serine proteinase stubble isoform X1 [Drosophila
>gi|1037097390|ref|XP_017144510.1| PREDICTED: serine proteinase stubble isoform X1 [Drosophila
>gi|1037097402|ref|XP 017144511.1| PREDICTED: serine proteinase stubble isoform X2 [Drosophila
>gi|1037097413|ref|XP_017144513.1| PREDICTED: uncharacterized protein LOC108157128 [Drosophila
>gi|1037094063|ref|XP 017144232.1| PREDICTED: growth hormone-regulated TBC protein 1-A [Drosop
>gi|1037094077|ref|XP_017144233.1| PREDICTED: growth hormone-regulated TBC protein 1-A [Drosop
>gi|1037094121|ref|XP 017144236.1| PREDICTED: uncharacterized protein LOC108156965 isoform X3
>gi|1037094107|ref|XP_017144235.1| PREDICTED: circumsporozoite protein isoform X2 [Drosophila i
>gi|1037094091|ref|XP_017144234.1| PREDICTED: circumsporozoite protein isoform X1 [Drosophila i
>gi|1037097460|ref|XP_017144517.1| PREDICTED: organic cation transporter protein isoform X1 [Di
>gi|1037097471|ref|XP_017144518.1| PREDICTED: organic cation transporter protein isoform X2 [D:
>gi|1037097482|ref|XP_017144519.1| PREDICTED: organic cation transporter protein isoform X2 [Di
>gi|1037097449|ref|XP_017144516.1| PREDICTED: organic cation transporter protein isoform X3 [Di
>gi|1037097425|ref|XP_017144514.1| PREDICTED: organic cation transporter protein isoform X1 [Di
>gi|1037097437|ref|XP_017144515.1| PREDICTED: organic cation transporter protein isoform X2 [Di
>gi|1037100870|ref|XP_017144827.1| PREDICTED: caprin homolog [Drosophila miranda]
>gi|1037100880|ref|XP_017144828.1| PREDICTED: histone deacetylase complex subunit SAP18 [Droso
>gi|1037091678|ref|XP_017144066.1| PREDICTED: protein sarah [Drosophila miranda]
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>gi|1037042955|ref|XP\_017140686.1| PREDICTED: small G protein signaling modulator 3 homolog [Di >gi|1037042874|ref|XP\_017140681.1| PREDICTED: trafficking protein particle complex subunit 10

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>gi|1037091664|ref|XP_017144065.1| PREDICTED: organic cation transporter protein [Drosophila m
>gi|1037076111|ref|XP_017142936.1| PREDICTED: uncharacterized protein LOC108156135 [Drosophila
>gi|1037076127|ref|XP_017142937.1| PREDICTED: single-stranded DNA-binding protein, mitochondric
>gi|1037076171|ref|XP_017142941.1| PREDICTED: GPI ethanolamine phosphate transferase 1 [Drosop
>gi|1037076142|ref|XP 017142939.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1037076156|ref|XP_017142940.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1037022900|ref|XP_017139449.1| PREDICTED: GPI ethanolamine phosphate transferase 1 [Drosop
>gi|1037080982|ref|XP_017143279.1| PREDICTED: TBC1 domain family member 10A isoform X1 [Drosop
>gi|1037080995|ref|XP_017143280.1| PREDICTED: TBC1 domain family member 10A isoform X2 [Drosop
>gi|1037080968|ref|XP_017143277.1| PREDICTED: zinc finger protein 850 [Drosophila miranda]
>gi|1037078498|ref|XP_017143100.1| PREDICTED: microtubule-associated protein Jupiter isoform X
>gi|1037078466|ref|XP_017143098.1| PREDICTED: microtubule-associated protein Jupiter isoform X-
>gi|1037078333|ref|XP_017143096.1| PREDICTED: microtubule-associated protein Jupiter isoform X
>gi|1037078484|ref|XP_017143099.1| PREDICTED: microtubule-associated protein Jupiter isoform X
>gi|1037078452|ref|XP_017143097.1| PREDICTED: microtubule-associated protein Jupiter isoform X
>gi|1037078319|ref|XP_017143095.1| PREDICTED: microtubule-associated protein Jupiter isoform X
>gi|1037095425|ref|XP_017144336.1| PREDICTED: inhibitor of growth protein 2 [Drosophila mirand
>gi|1037095441|ref|XP_017144337.1| PREDICTED: uncharacterized protein LOC108157036 [Drosophila
>gi|1037093434|ref|XP_017144188.1| PREDICTED: uncharacterized protein LOC108156938 isoform X1
>gi|1037093450|ref|XP 017144190.1| PREDICTED: rho guanine nucleotide exchange factor 17 isoform
>gi|1037098889|ref|XP_017144656.1| PREDICTED: alpha-1D adrenergic receptor isoform X2 [Drosoph
>gi|1037098901|ref|XP 017144657.1| PREDICTED: alpha-1D adrenergic receptor isoform X3 [Drosoph
>gi|1037098858|ref|XP_017144654.1| PREDICTED: tyramine receptor 1 isoform X1 [Drosophila miran
>gi|1037098871|ref|XP_017144655.1| PREDICTED: tyramine receptor 1 isoform X1 [Drosophila miran
>gi|1037098913|ref|XP_017144659.1| PREDICTED: 5-hydroxytryptamine receptor 1A isoform X1 [Dros
>gi|1037098925|ref|XP_017144660.1| PREDICTED: 5-hydroxytryptamine receptor 1A isoform X1 [Dros
>gi|1037098937|ref|XP_017144661.1| PREDICTED: uncharacterized protein LOC108157216 isoform X2
>gi|1037098949|ref|XP_017144662.1| PREDICTED: uncharacterized protein LOC108157216 isoform X2
>gi|1037102468|ref|XP_017144980.1| PREDICTED: lutropin-choriogonadotropic hormone receptor [Dr
>gi|1037102478|ref|XP_017144981.1| PREDICTED: gamma-aminobutyric acid receptor-associated protestions are considered as a second receptor of the contract of t
>gi|1037063268|ref|XP_017142066.1| PREDICTED: trithorax group protein osa isoform X2 [Drosophi
>gi|1037063298|ref|XP_017142068.1| PREDICTED: trithorax group protein osa isoform X4 [Drosophi
>gi|1037063254|ref|XP_017142065.1| PREDICTED: trithorax group protein osa isoform X1 [Drosophi
>gi|1037063284|ref|XP_017142067.1| PREDICTED: trithorax group protein osa isoform X3 [Drosophi
>gi|1037083433|ref|XP 017143464.1| PREDICTED: protein YSC84 [Drosophila miranda]
>gi|1037083447|ref|XP_017143465.1| PREDICTED: protein YSC84 [Drosophila miranda]
>gi|1037083461|ref|XP 017143466.1| PREDICTED: stabilizer of axonemal microtubules 1 [Drosophile
>gi|1037083475|ref|XP_017143467.1| PREDICTED: stabilizer of axonemal microtubules 1 [Drosophile
>gi|1037083489|ref|XP_017143468.1| PREDICTED: stabilizer of axonemal microtubules 1 [Drosophile
>gi|1037083503|ref|XP_017143469.1| PREDICTED: stabilizer of axonemal microtubules 1 [Drosophile
>gi|1037083517|ref|XP_017143470.1| PREDICTED: stabilizer of axonemal microtubules 1 [Drosophile
>gi|1037053454|ref|XP_017141394.1| PREDICTED: zinc finger protein 420 [Drosophila miranda]
>gi|1037053671|ref|XP_017141409.1| PREDICTED: transcription initiation factor TFIID subunit 12
>gi|1037053681|ref|XP_017141410.1| PREDICTED: transcription initiation factor TFIID subunit 12
>gi|1037053597|ref|XP_017141404.1| PREDICTED: heme oxygenase 1 [Drosophila miranda]
>gi|1037053470|ref|XP_017141395.1| PREDICTED: uncharacterized protein LOC108155222 [Drosophila
>gi|1037053549|ref|XP_017141401.1| PREDICTED: uncharacterized protein LOC108155225 [Drosophila
>gi|1037053581|ref|XP_017141403.1| PREDICTED: uncharacterized protein LOC108155227 [Drosophila
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>gi|1037053629|ref|XP_017141406.1| PREDICTED: protein Fer3 [Drosophila miranda]
>gi|1037053643|ref|XP_017141407.1| PREDICTED: protein Fer3 [Drosophila miranda]
>gi|1037053659|ref|XP_017141408.1| PREDICTED: protein Fer3 [Drosophila miranda]
>gi|1037053565|ref|XP_017141402.1| PREDICTED: uncharacterized protein LOC108155226 [Drosophila
>gi|1037053613|ref|XP 017141405.1| PREDICTED: uncharacterized protein LOC108155229 [Drosophila
>gi|1037053485|ref|XP_017141396.1| PREDICTED: uncharacterized protein LOC108155224 [Drosophila
>gi|1037053501|ref|XP 017141397.1| PREDICTED: uncharacterized protein LOC108155224 [Drosophila
>gi|1037053517|ref|XP_017141398.1| PREDICTED: uncharacterized protein LOC108155224 [Drosophila
>gi|1037053533|ref|XP_017141399.1| PREDICTED: uncharacterized protein LOC108155224 [Drosophila
>gi|1037059111|ref|XP_017141778.1| PREDICTED: thiamin pyrophosphokinase 1 [Drosophila miranda]
>gi|1037059081|ref|XP_017141776.1| PREDICTED: Bloom syndrome protein homolog [Drosophila mirane
>gi|1037059097|ref|XP 017141777.1| PREDICTED: WD repeat-containing protein 55 homolog [Drosoph
>gi|1037059067|ref|XP_017141774.1| PREDICTED: putative uncharacterized protein DDB_G0291608 [Di
>gi|1037068272|ref|XP_017142395.1| PREDICTED: probable serine/threonine-protein kinase kinX is
>gi|1037068284|ref|XP_017142396.1| PREDICTED: probable serine/threonine-protein kinase kinX is
>gi|1037061788|ref|XP 017141963.1| PREDICTED: zinc finger protein 92 homolog [Drosophila mirane
>gi|1037061736|ref|XP_017141959.1| PREDICTED: uncharacterized protein LOC108155570 [Drosophila
>gi|1037061754|ref|XP_017141960.1| PREDICTED: glycine receptor subunit alpha-4 isoform X1 [Drop
>gi|1037061770|ref|XP_017141962.1| PREDICTED: glycine receptor subunit alpha-4 isoform X2 [Dros
>gi|1037074159|ref|XP 017142802.1| PREDICTED: myotubularin-related protein 13 isoform X2 [Dros-
>gi|1037074143|ref|XP_017142801.1| PREDICTED: myotubularin-related protein 13 isoform X1 [Dros
>gi|1037097317|ref|XP 017144504.1| PREDICTED: chloride channel protein 2 isoform X8 [Drosophile
>gi|1037097280|ref|XP_017144500.1| PREDICTED: chloride channel protein 2 isoform X5 [Drosophile
>gi|1037097292|ref|XP_017144501.1| PREDICTED: chloride channel protein 2 isoform X6 [Drosophile
>gi|1037097256|ref|XP_017144498.1| PREDICTED: chloride channel protein 2 isoform X3 [Drosophile
>gi|1037097245|ref|XP_017144497.1| PREDICTED: chloride channel protein 2 isoform X2 [Drosophile
>gi|1037097231|ref|XP 017144496.1| PREDICTED: chloride channel protein 2 isoform X1 [Drosophile
>gi|1037097306|ref|XP_017144503.1| PREDICTED: chloride channel protein 2 isoform X7 [Drosophile
>gi|1037097268|ref|XP_017144499.1| PREDICTED: chloride channel protein 2 isoform X4 [Drosophile
>gi|1037097329|ref|XP_017144505.1| PREDICTED: chloride channel protein 2 isoform X9 [Drosophile
>gi|1037089082|ref|XP_017143864.1| PREDICTED: heterogeneous nuclear ribonucleoprotein H2 isofo
>gi|1037089096|ref|XP_017143865.1| PREDICTED: heterogeneous nuclear ribonucleoprotein H2 isofo
>gi|1037085476|ref|XP 017143618.1| PREDICTED: uncharacterized protein LOC108156590 [Drosophila
>gi|1037085462|ref|XP_017143617.1| PREDICTED: LOW QUALITY PROTEIN: nuclear pore complex protein
>gi|1037096594|ref|XP 017144441.1| PREDICTED: protein vreteno-like [Drosophila miranda]
>gi|1037103575|ref|XP_017145099.1| PREDICTED: dynein heavy chain 5, axonemal isoform X1 [Droso
>gi|1037103583|ref|XP 017145100.1| PREDICTED: dynein heavy chain 5, axonemal isoform X2 [Droso
>gi|1037103591|ref|XP_017145101.1| PREDICTED: uncharacterized protein LOC108157511 [Drosophila
>gi|1037060274|ref|XP_017141861.1| PREDICTED: uncharacterized protein LOC108155523 isoform X2
>gi|1037060241|ref|XP_017141859.1| PREDICTED: uncharacterized protein LOC108155523 isoform X1
>gi|1037060259|ref|XP_017141860.1| PREDICTED: uncharacterized protein LOC108155523 isoform X1
>gi|1037060289|ref|XP_017141862.1| PREDICTED: proteoglycan 4 [Drosophila miranda]
>gi|1037060179|ref|XP_017141854.1| PREDICTED: polycomb protein Scm [Drosophila miranda]
>gi|1037060305|ref|XP_017141863.1| PREDICTED: probable fatty acid-binding protein [Drosophila 1
>gi|1037060225|ref|XP_017141858.1| PREDICTED: putative tricarboxylate transport protein, mitoc
>gi|1037060194|ref|XP_017141855.1| PREDICTED: 8-oxo-dGDP phosphatase NUDT18 [Drosophila mirand
>gi|1037060209|ref|XP_017141856.1| PREDICTED: limbic system-associated membrane protein [Droso
>gi|1037033057|ref|XP_017140075.1| PREDICTED: hemicentin-2 [Drosophila miranda]
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>gi|1037059627|ref|XP_017141813.1| PREDICTED: cilia- and flagella-associated protein 53 [Droso
>gi|1037059641|ref|XP_017141815.1| PREDICTED: cilia- and flagella-associated protein 53 [Droso
>gi|1037059693|ref|XP_017141819.1| PREDICTED: peptidoglycan-recognition protein LB isoform X1
>gi|1037059719|ref|XP_017141821.1| PREDICTED: peptidoglycan-recognition protein LB isoform X3
>gi|1037059705|ref|XP_017141820.1| PREDICTED: peptidoglycan-recognition protein LB isoform X2
>gi|1037059737|ref|XP_017141822.1| PREDICTED: peptidoglycan-recognition protein LB isoform X4
>gi|1037059601|ref|XP 017141811.1| PREDICTED: probable serine/threonine-protein kinase kinX is
>gi|1037059562|ref|XP_017141808.1| PREDICTED: glutamic acid-rich protein isoform X1 [Drosophile
>gi|1037059576|ref|XP_017141809.1| PREDICTED: glutamic acid-rich protein isoform X1 [Drosophile
>gi|1037059587|ref|XP_017141810.1| PREDICTED: glutamic acid-rich protein isoform X1 [Drosophile
>gi|1037059667|ref|XP_017141817.1| PREDICTED: solute carrier family 35 member G1 [Drosophila m
>gi|1037059614|ref|XP_017141812.1| PREDICTED: exonuclease 3'-5' domain-containing protein 2 [Di
>gi|1037059654|ref|XP_017141816.1| PREDICTED: soluble calcium-activated nucleotidase 1 [Drosop
>gi|1037059679|ref|XP_017141818.1| PREDICTED: solute carrier family 35 member B1 homolog [Dros
>gi|1037056045|ref|XP_017141566.1| PREDICTED: uncharacterized protein LOC108155333 isoform X2
>gi|1037056171|ref|XP_017141574.1| PREDICTED: nephrocan [Drosophila miranda]
>gi|1037056187|ref|XP_017141575.1| PREDICTED: leucine-rich repeat-containing protein 15 [Droso
>gi|1037056155|ref|XP_017141573.1| PREDICTED: sensory neuron membrane protein 1 [Drosophila mi
>gi|1037056030|ref|XP_017141565.1| PREDICTED: uncharacterized protein LOC108155333 isoform X1
>gi|1037056125|ref|XP 017141571.1| PREDICTED: uncharacterized protein LOC108155333 isoform X5
>gi|1037056062|ref|XP_017141567.1| PREDICTED: uncharacterized protein LOC108155333 isoform X3
>gi|1037056077|ref|XP 017141568.1| PREDICTED: uncharacterized protein LOC108155333 isoform X3
>gi|1037056090|ref|XP_017141569.1| PREDICTED: uncharacterized protein LOC108155333 isoform X3
>gi|1037056107|ref|XP_017141570.1| PREDICTED: uncharacterized protein LOC108155333 isoform X4
>gi|1037056141|ref|XP_017141572.1| PREDICTED: 5'-AMP-activated protein kinase subunit gamma-1
>gi|1037051148|ref|XP_017141239.1| PREDICTED: SET and MYND domain-containing protein 5 [Drosop
>gi|1037051180|ref|XP_017141241.1| PREDICTED: transmembrane emp24 domain-containing protein ec
>gi|1037051197|ref|XP_017141242.1| PREDICTED: DDRGK domain-containing protein 1 [Drosophila mi
>gi|1037051211|ref|XP_017141243.1| PREDICTED: transmembrane emp24 domain-containing protein ec
>gi|1037051004|ref|XP_017141229.1| PREDICTED: solute carrier family 15 member 1 [Drosophila min
>gi|1037051162|ref|XP_017141240.1| PREDICTED: nucleoside diphosphate kinase 7 [Drosophila mirat
>gi|1037051275|ref|XP_017141247.1| PREDICTED: uncharacterized protein CG16817 isoform X4 [Dros
>gi|1037051260|ref|XP 017141246.1| PREDICTED: uncharacterized protein CG16817 isoform X3 [Dros
>gi|1037051246|ref|XP_017141245.1| PREDICTED: uncharacterized protein CG16817 isoform X2 [Dros
>gi|1037051231|ref|XP 017141244.1| PREDICTED: uncharacterized protein CG16817 isoform X1 [Dros-
>gi|1037051287|ref|XP_017141249.1| PREDICTED: cytochrome c oxidase subunit 5A, mitochondrial [
>gi|1037051036|ref|XP_017141231.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051020|ref|XP_017141230.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051052|ref|XP_017141232.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051068|ref|XP_017141233.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051082|ref|XP_017141234.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051098|ref|XP_017141235.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051114|ref|XP_017141237.1| PREDICTED: trophoblast glycoprotein [Drosophila miranda]
>gi|1037051132|ref|XP_017141238.1| PREDICTED: trophoblast glycoprotein [Drosophila miranda]
>gi|1037091720|ref|XP_017144070.1| PREDICTED: cytochrome P450 315a1, mitochondrial isoform X1
>gi|1037091734|ref|XP_017144071.1| PREDICTED: cytochrome P450 315a1, mitochondrial isoform X2
>gi|1037091706|ref|XP_017144069.1| PREDICTED: sphingomyelin phosphodiesterase 4 [Drosophila mi
>gi|1037068299|ref|XP_017142397.1| PREDICTED: intron-binding protein aquarius isoform X1 [Dros
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>gi|1037068346|ref|XP_017142400.1| PREDICTED: probable G-protein coupled receptor Mth-like 5 is
>gi|1037068329|ref|XP_017142399.1| PREDICTED: probable G-protein coupled receptor Mth-like 5 is
>gi|1037068314|ref|XP_017142398.1| PREDICTED: intron-binding protein aquarius isoform X2 [Drose
>gi|1037068361|ref|XP_017142401.1| PREDICTED: putative inner dynein arm light chain, axonemal
>gi|1037104540|ref|XP 017145228.1| PREDICTED: histone-like protein 18C [Drosophila miranda]
>gi|1037062089|ref|XP_017141984.1| PREDICTED: cadherin-87A [Drosophila miranda]
>gi|1037062108|ref|XP 017141985.1| PREDICTED: uncharacterized protein LOC108155587 isoform X1
>gi|1037062124|ref|XP_017141986.1| PREDICTED: uncharacterized protein LOC108155587 isoform X2
>gi|1037077061|ref|XP_017142999.1| PREDICTED: hormone receptor 4 isoform X1 [Drosophila mirand
>gi|1037077075|ref|XP_017143000.1| PREDICTED: hormone receptor 4 isoform X2 [Drosophila mirand
>gi|1037082883|ref|XP_017143421.1| PREDICTED: double-strand-break repair protein rad21-like pro
>gi|1037103848|ref|XP 017145135.1| PREDICTED: uncharacterized protein LOC108157543 [Drosophila
>gi|1037095355|ref|XP_017144331.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1037093420|ref|XP_017144187.1| PREDICTED: piezo-type mechanosensitive ion channel component
>gi|1037100163|ref|XP_017144758.1| PREDICTED: homeobox protein Nkx-2.1 isoform X3 [Drosophila n
>gi|1037100151|ref|XP 017144756.1| PREDICTED: homeobox protein Nkx-2.1 isoform X2 [Drosophila |
>gi|1037100127|ref|XP_017144754.1| PREDICTED: homeobox protein Nkx-2.1 isoform X1 [Drosophila n
>gi|1037100139|ref|XP 017144755.1| PREDICTED: homeobox protein Nkx-2.1 isoform X1 [Drosophila |
>gi|1037083866|ref|XP_017143498.1| PREDICTED: poly [ADP-ribose] polymerase [Drosophila miranda]
>gi|1037099067|ref|XP 017144671.1| PREDICTED: programmed cell death protein 6 [Drosophila mirat
>gi|1037096627|ref|XP_017144444.1| PREDICTED: ubiquitin-conjugating enzyme E2 G1 [Drosophila m
>gi|1037102488|ref|XP_017144982.1| PREDICTED: uncharacterized protein LOC108157439 [Drosophila
>gi|1037092806|ref|XP_017144143.1| PREDICTED: calcium/calmodulin-dependent protein kinase kina
>gi|1037092820|ref|XP 017144144.1| PREDICTED: calcium/calmodulin-dependent protein kinase kina
>gi|1037092834|ref|XP_017144145.1| PREDICTED: uncharacterized protein LOC108156906 [Drosophila
>gi|1037037576|ref|XP_017140336.1| PREDICTED: uncharacterized protein LOC108154544 [Drosophila
>gi|1037047298|ref|XP_017140975.1| PREDICTED: rabankyrin-5 [Drosophila miranda]
>gi|1037047360|ref|XP_017140980.1| PREDICTED: uncharacterized protein LOC108154973 isoform X1
>gi|1037047376|ref|XP_017140981.1| PREDICTED: uncharacterized protein LOC108154973 isoform X2
>gi|1037047420|ref|XP 017140984.1| PREDICTED: cytochrome b-c1 complex subunit 6, mitochondrial
>gi|1037047284|ref|XP_017140974.1| PREDICTED: histone-lysine N-methyltransferase SETD1 [Drosop
>gi|1037047408|ref|XP_017140983.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037047392|ref|XP 017140982.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037047312|ref|XP_017140976.1| PREDICTED: uncharacterized protein LOC108154972 isoform X1
>gi|1037047328|ref|XP 017140977.1| PREDICTED: uncharacterized protein LOC108154972 isoform X2
>gi|1037047344|ref|XP_017140978.1| PREDICTED: uncharacterized protein LOC108154972 isoform X2
>gi|1037047251|ref|XP_017140972.1| PREDICTED: fatty acid synthase isoform X1 [Drosophila miran-
>gi|1037047269|ref|XP_017140973.1| PREDICTED: fatty acid synthase isoform X2 [Drosophila miran-
>gi|1037106221|ref|XP_017145467.1| PREDICTED: uncharacterized protein LOC108157788 [Drosophila
>gi|1037106229|ref|XP_017145468.1| PREDICTED: uncharacterized protein LOC108157788 [Drosophila
>gi|1037106235|ref|XP_017145469.1| PREDICTED: uncharacterized protein LOC108157788 [Drosophila
>gi|1037106578|ref|XP_017145515.1| PREDICTED: tensin-2-like [Drosophila miranda]
>gi|1037106586|ref|XP_017145516.1| PREDICTED: tensin-2-like [Drosophila miranda]
>gi|1037102963|ref|XP_017145030.1| PREDICTED: chymotrypsin-like protease CTRL-1 [Drosophila mi
>gi|1037102973|ref|XP_017145031.1| PREDICTED: chymotrypsin-like protease CTRL-1 [Drosophila mi
>gi|1037095244|ref|XP_017144323.1| PREDICTED: uncharacterized protein LOC108157024 isoform X2
>gi|1037095216|ref|XP_017144321.1| PREDICTED: uncharacterized protein LOC108157024 isoform X1
>gi|1037095230|ref|XP_017144322.1| PREDICTED: uncharacterized protein LOC108157024 isoform X1
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>gi|1037102509|ref|XP 017144984.1| PREDICTED: uncharacterized protein LOC108157441 isoform X1
>gi|1037102521|ref|XP_017144985.1| PREDICTED: uncharacterized protein LOC108157441 isoform X1
>gi|1037102529|ref|XP_017144986.1| PREDICTED: uncharacterized protein LOC108157441 isoform X2
>gi|1037038977|ref|XP_017140420.1| PREDICTED: uncharacterized protein LOC108154614 [Drosophila
>gi|1037096789|ref|XP 017144456.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096824|ref|XP_017144459.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096800|ref|XP 017144457.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096836|ref|XP_017144460.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096812|ref|XP_017144458.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096848|ref|XP_017144461.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096862|ref|XP_017144462.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037038253|ref|XP_017140374.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1037038239|ref|XP_017140373.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037038269|ref|XP_017140375.1| PREDICTED: uncharacterized protein LOC108154582 isoform X3
>gi|1037106485|ref|XP_017145504.1| PREDICTED: alpha-N-acetylgalactosaminidase-like isoform X1
>gi|1037106493|ref|XP_017145505.1| PREDICTED: alpha-N-acetylgalactosaminidase-like isoform X2
>gi|1037078991|ref|XP_017143138.1| PREDICTED: uncharacterized protein LOC108156277 isoform X1
>gi|1037079002|ref|XP_017143139.1| PREDICTED: uncharacterized protein LOC108156277 isoform X2
>gi|1037079030|ref|XP_017143141.1| PREDICTED: drosulfakinins [Drosophila miranda]
>gi|1037079016|ref|XP 017143140.1| PREDICTED: beta-mannosidase-like [Drosophila miranda]
>gi|1037093464|ref|XP_017144191.1| PREDICTED: beta-mannosidase [Drosophila miranda]
>gi|1037093478|ref|XP 017144192.1| PREDICTED: uncharacterized protein LOC108156940 [Drosophila
>gi|1037093492|ref|XP_017144193.1| PREDICTED: uncharacterized protein LOC108156940 [Drosophila
>gi|1037106743|ref|XP_017145538.1| PREDICTED: uncharacterized protein LOC108157846 [Drosophila
>gi|1037068068|ref|XP_017142381.1| PREDICTED: cyclin-G-associated kinase [Drosophila miranda]
>gi|1037068083|ref|XP_017142382.1| PREDICTED: guanine deaminase [Drosophila miranda]
>gi|1037068099|ref|XP_017142383.1| PREDICTED: pre-mRNA-splicing factor RBM22 [Drosophila mirane
>gi|1037081173|ref|XP_017143294.1| PREDICTED: ATP-dependent RNA helicase abstrakt [Drosophila 1
>gi|1037081160|ref|XP_017143293.1| PREDICTED: gelsolin isoform X2 [Drosophila miranda]
>gi|1037081148|ref|XP 017143292.1| PREDICTED: gelsolin isoform X1 [Drosophila miranda]
>gi|1037081187|ref|XP_017143295.1| PREDICTED: serine protease snake isoform X1 [Drosophila mire
>gi|1037081201|ref|XP_017143296.1| PREDICTED: uncharacterized protein LOC108156389 isoform X2
>gi|1037081215|ref|XP_017143297.1| PREDICTED: uncharacterized protein LOC108156390 [Drosophila
>gi|1037036907|ref|XP_017140295.1| PREDICTED: uncharacterized protein LOC108154506 [Drosophila
>gi|1037038787|ref|XP 017140408.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037035752|ref|XP_017140227.1| PREDICTED: adenylate cyclase, terminal-differentiation spec
>gi|1037038088|ref|XP 017140362.1| PREDICTED: uncharacterized protein LOC108154573 [Drosophila
>gi|1037035631|ref|XP_017140220.1| PREDICTED: odorant receptor 82a [Drosophila miranda]
>gi|1037033818|ref|XP_017140120.1| PREDICTED: omega-amidase NIT2-like [Drosophila miranda]
>gi|1037090527|ref|XP_017143981.1| PREDICTED: uncharacterized protein LOC108156805 [Drosophila
>gi|1037090543|ref|XP_017143982.1| PREDICTED: ankyrin repeat, PH and SEC7 domain containing pro-
>gi|1037090557|ref|XP_017143983.1| PREDICTED: complexin isoform X1 [Drosophila miranda]
>gi|1037090571|ref|XP_017143985.1| PREDICTED: complexin isoform X1 [Drosophila miranda]
>gi|1037090585|ref|XP_017143986.1| PREDICTED: complexin isoform X1 [Drosophila miranda]
>gi|1037090599|ref|XP_017143987.1| PREDICTED: complexin isoform X1 [Drosophila miranda]
>gi|1037090613|ref|XP_017143988.1| PREDICTED: complexin isoform X2 [Drosophila miranda]
>gi|1037090627|ref|XP_017143989.1| PREDICTED: complexin isoform X3 [Drosophila miranda]
>gi|1037090641|ref|XP_017143990.1| PREDICTED: complexin isoform X4 [Drosophila miranda]
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>gi|1037090514|ref|XP_017143980.1| PREDICTED: uncharacterized protein LOC108156804 [Drosophila
>gi|1037096934|ref|XP_017144468.1| PREDICTED: serine protease easter [Drosophila miranda]
>gi|1037096946|ref|XP 017144469.1| PREDICTED: charged multivesicular body protein 3 [Drosophile
>gi|1037092548|ref|XP_017144128.1| PREDICTED: ATP-dependent RNA helicase SUV3 homolog, mitocho:
>gi|1037092562|ref|XP 017144129.1| PREDICTED: synaptotagmin-16 [Drosophila miranda]
>gi|1037071455|ref|XP_017142614.1| PREDICTED: uncharacterized protein LOC108155960 isoform X1
>gi|1037071471|ref|XP 017142615.1| PREDICTED: uncharacterized protein LOC108155960 isoform X1
>gi|1037071487|ref|XP_017142617.1| PREDICTED: uncharacterized protein LOC108155960 isoform X1
>gi|1037071501|ref|XP_017142618.1| PREDICTED: uncharacterized protein LOC108155960 isoform X2
>gi|1037071549|ref|XP_017142621.1| PREDICTED: AF4/FMR2 family member 4 isoform X5 [Drosophila i
>gi|1037071533|ref|XP_017142620.1| PREDICTED: GATA zinc finger domain-containing protein 6 iso
>gi|1037071567|ref|XP_017142622.1| PREDICTED: AF4/FMR2 family member 4 isoform X6 [Drosophila in the content of the content of
>gi|1037071517|ref|XP_017142619.1| PREDICTED: uncharacterized protein LOC108155960 isoform X3
>gi|1037071423|ref|XP_017142612.1| PREDICTED: zinc finger matrin-type protein CG9776 isoform X
>gi|1037071439|ref|XP_017142613.1| PREDICTED: zinc finger matrin-type protein CG9776 isoform X
>gi|1037076263|ref|XP 017142946.1| PREDICTED: uncharacterized protein LOC108156143 [Drosophila
>gi|1037076216|ref|XP_017142944.1| PREDICTED: S-phase kinase-associated protein 2 [Drosophila in the content of the content of
>gi|1037076233|ref|XP 017142945.1| PREDICTED: uncharacterized protein LOC108156141 [Drosophila
>gi|1037103629|ref|XP_017145107.1| PREDICTED: Krueppel-like factor 16 [Drosophila miranda]
>gi|1037100943|ref|XP 017144834.1| PREDICTED: probable sodium/potassium/calcium exchanger CG10
>gi|1037101911|ref|XP_017144922.1| PREDICTED: sideroflexin-1 [Drosophila miranda]
>gi|1037079115|ref|XP 017143148.1| PREDICTED: contactin [Drosophila miranda]
>gi|1037085089|ref|XP_017143592.1| PREDICTED: protein Tube [Drosophila miranda]
>gi|1037085101|ref|XP_017143593.1| PREDICTED: E3 ubiquitin-protein ligase TM129 [Drosophila mi
>gi|1037085115|ref|XP_017143594.1| PREDICTED: uncharacterized protein LOC108156571 [Drosophila
>gi|1037097506|ref|XP_017144521.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 [Drosophila m
>gi|1037097520|ref|XP_017144522.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 [Drosophila m
>gi|1037022918|ref|XP_017139450.1| PREDICTED: Golgi to ER traffic protein 4 homolog, partial [
>gi|1037093255|ref|XP_017144174.1| PREDICTED: Golgi to ER traffic protein 4 homolog [Drosophile
>gi|1037093269|ref|XP_017144175.1| PREDICTED: Golgi to ER traffic protein 4 homolog [Drosophile
>gi|1037093283|ref|XP_017144177.1| PREDICTED: BTB/POZ domain-containing protein KCTD9 isoform
>gi|1037093297|ref|XP_017144178.1| PREDICTED: BTB/POZ domain-containing protein KCTD9 isoform
>gi|1037080299|ref|XP 017143226.1| PREDICTED: methenyltetrahydrofolate synthase domain-contain
>gi|1037080265|ref|XP_017143224.1| PREDICTED: serine/threonine-protein kinase 32A isoform X1 [
>gi|1037080279|ref|XP 017143225.1| PREDICTED: serine/threonine-protein kinase 32A isoform X2 [
>gi|1037080331|ref|XP_017143228.1| PREDICTED: uncharacterized protein LOC108156340 [Drosophila
>gi|1037080313|ref|XP_017143227.1| PREDICTED: ubiquilin [Drosophila miranda]
>gi|1037060524|ref|XP_017141879.1| PREDICTED: uncharacterized protein LOC108155529 [Drosophila
>gi|1037060551|ref|XP_017141880.1| PREDICTED: uncharacterized protein LOC108155530 isoform X1
>gi|1037060565|ref|XP_017141881.1| PREDICTED: uncharacterized protein LOC108155530 isoform X2
>gi|1037060508|ref|XP_017141878.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037060066|ref|XP_017141846.1| PREDICTED: tRNA (guanine(10)-N2)-methyltransferase homolog
>gi|1037060163|ref|XP_017141853.1| PREDICTED: putative lipoyltransferase 2, mitochondrial [Dropleton of the control of the con
>gi|1037060034|ref|XP_017141844.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037060050|ref|XP_017141845.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037060084|ref|XP_017141847.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037060102|ref|XP_017141849.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037060118|ref|XP_017141850.1| PREDICTED: elongation of very long chain fatty acids protein
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>gi|1037060133|ref|XP_017141851.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037060149|ref|XP_017141852.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037078713|ref|XP_017143116.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037078725|ref|XP_017143117.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037078737|ref|XP 017143118.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037078749|ref|XP_017143119.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037069646|ref|XP 017142493.1| PREDICTED: uncharacterized protein LOC108155878 isoform X2
>gi|1037069674|ref|XP_017142494.1| PREDICTED: uncharacterized protein LOC108155878 isoform X2
>gi|1037069690|ref|XP_017142495.1| PREDICTED: uncharacterized protein LOC108155879 [Drosophila
>gi|1037069706|ref|XP_017142496.1| PREDICTED: uncharacterized protein LOC108155879 [Drosophila
>gi|1037069614|ref|XP_017142490.1| PREDICTED: uncharacterized protein LOC108155878 isoform X1
>gi|1037069632|ref|XP_017142491.1| PREDICTED: uncharacterized protein LOC108155878 isoform X1
>gi|1037048108|ref|XP_017141026.1| PREDICTED: maternal protein pumilio isoform X1 [Drosophila i
>gi|1037048124|ref|XP_017141027.1| PREDICTED: maternal protein pumilio isoform X2 [Drosophila 1
>gi|1037048189|ref|XP_017141032.1| PREDICTED: maternal protein pumilio isoform X6 [Drosophila i
>gi|1037048158|ref|XP_017141029.1| PREDICTED: maternal protein pumilio isoform X4 [Drosophila 1
>gi|1037048174|ref|XP_017141031.1| PREDICTED: maternal protein pumilio isoform X5 [Drosophila i
>gi|1037048142|ref|XP 017141028.1| PREDICTED: maternal protein pumilio isoform X3 [Drosophila |
>gi|1037048205|ref|XP_017141033.1| PREDICTED: uncharacterized protein LOC108154995 [Drosophila
>gi|1037048221|ref|XP 017141034.1| PREDICTED: uncharacterized protein LOC108154996 [Drosophila
>gi|1037071687|ref|XP_017142632.1| PREDICTED: chromosomal protein D1 [Drosophila miranda]
>gi|1037071701|ref|XP 017142633.1| PREDICTED: chromosomal protein D1 [Drosophila miranda]
>gi|1037071673|ref|XP_017142631.1| PREDICTED: dipeptidyl peptidase 9 [Drosophila miranda]
>gi|1037071712|ref|XP_017142634.1| PREDICTED: acylphosphatase-2 [Drosophila miranda]
>gi|1037039892|ref|XP_017140482.1| PREDICTED: uncharacterized protein LOC108154656 [Drosophila
>gi|1037039878|ref|XP_017140481.1| PREDICTED: putative uncharacterized protein DDB_G0271606 [Di
>gi|1037039864|ref|XP_017140480.1| PREDICTED: uncharacterized protein LOC108154654 [Drosophila
>gi|1037039756|ref|XP_017140471.1| PREDICTED: HEAT repeat-containing protein 5B isoform X2 [Dr
>gi|1037039740|ref|XP_017140470.1| PREDICTED: HEAT repeat-containing protein 5B isoform X1 [Dref|XP_017140470.1]
>gi|1037039772|ref|XP_017140472.1| PREDICTED: HEAT repeat-containing protein 5B isoform X3 [Dref|XP_017140472.1]
>gi|1037039914|ref|XP_017140483.1| PREDICTED: uncharacterized protein LOC108154657 [Drosophila
>gi|1037039944|ref|XP_017140485.1| PREDICTED: probable 18S rRNA (guanine-N(7))-methyltransfera
>gi|1037039958|ref|XP 017140486.1| PREDICTED: dnaJ homolog subfamily C member 30 [Drosophila m
>gi|1037039848|ref|XP_017140479.1| PREDICTED: protein unc-45 homolog B [Drosophila miranda]
>gi|1037039928|ref|XP 017140484.1| PREDICTED: aquaporin-2 [Drosophila miranda]
>gi|1037022936|ref|XP_017139451.1| PREDICTED: uncharacterized protein LOC108153865 [Drosophila
>gi|1037022952|ref|XP_017139453.1| PREDICTED: uncharacterized protein LOC108153866 [Drosophila
>gi|1037039786|ref|XP_017140473.1| PREDICTED: transcription factor mef2A isoform X1 [Drosophile
>gi|1037039800|ref|XP_017140476.1| PREDICTED: transcription factor mef2A isoform X1 [Drosophile
>gi|1037039816|ref|XP_017140477.1| PREDICTED: transcription factor mef2A isoform X1 [Drosophile
>gi|1037039832|ref|XP_017140478.1| PREDICTED: ataxin-2 homolog isoform X2 [Drosophila miranda]
>gi|1037022972|ref|XP_017139454.1| PREDICTED: uncharacterized protein LOC108153867 [Drosophila
>gi|1037022990|ref|XP_017139455.1| PREDICTED: uncharacterized protein LOC108153868 [Drosophila
>gi|1037098096|ref|XP_017144578.1| PREDICTED: uncharacterized protein LOC108157170 [Drosophila
>gi|1037076471|ref|XP_017142959.1| PREDICTED: transforming acidic coiled-coil-containing prote
>gi|1037076437|ref|XP_017142957.1| PREDICTED: transforming acidic coiled-coil-containing prote
>gi|1037076421|ref|XP_017142956.1| PREDICTED: transforming acidic coiled-coil-containing prote
>gi|1037076453|ref|XP_017142958.1| PREDICTED: transforming acidic coiled-coil-containing prote
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>gi|1037101075|ref|XP 017144847.1| PREDICTED: membrane metallo-endopeptidase-like 1 isoform X1
>gi|1037101083|ref|XP_017144848.1| PREDICTED: membrane metallo-endopeptidase-like 1 isoform X2
>gi|1037093749|ref|XP_017144207.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037093707|ref|XP_017144203.1| PREDICTED: kelch-like protein 7 isoform X1 [Drosophila mirates
>gi|1037093721|ref|XP 017144205.1| PREDICTED: kelch-like protein 7 isoform X2 [Drosophila mira:
>gi|1037093735|ref|XP_017144206.1| PREDICTED: uncharacterized protein LOC108156948 isoform X3
>gi|1037069800|ref|XP 017142503.1| PREDICTED: formin-J isoform X2 [Drosophila miranda]
>gi|1037069768|ref|XP_017142500.1| PREDICTED: formin-J isoform X1 [Drosophila miranda]
>gi|1037069784|ref|XP_017142502.1| PREDICTED: formin-J isoform X1 [Drosophila miranda]
>gi|1037069834|ref|XP_017142505.1| PREDICTED: dual specificity protein kinase splA isoform X4
>gi|1037069850|ref|XP_017142506.1| PREDICTED: dual specificity protein kinase splA isoform X5
>gi|1037069818|ref|XP_017142504.1| PREDICTED: formin-J isoform X3 [Drosophila miranda]
>gi|1037069862|ref|XP_017142507.1| PREDICTED: uncharacterized protein CG43427 isoform X6 [Dros
>gi|1037023008|ref|XP_017139457.1| PREDICTED: uncharacterized protein LOC108153869 [Drosophila
>gi|1037023025|ref|XP_017139458.1| PREDICTED: uncharacterized protein LOC108153870 [Drosophila
>gi|1037023043|ref|XP_017139459.1| PREDICTED: uncharacterized protein LOC108153871 [Drosophila
>gi|1037104073|ref|XP_017145163.1| PREDICTED: zinc finger protein 878 isoform X1 [Drosophila m
>gi|1037104081|ref|XP 017145165.1| PREDICTED: oocyte zinc finger protein X1C0F22 isoform X2 [Di
>gi|1037095369|ref|XP_017144332.1| PREDICTED: protein SON [Drosophila miranda]
>gi|1037023061|ref|XP 017139461.1| PREDICTED: uncharacterized protein LOC108153872 [Drosophila
>gi|1037091250|ref|XP_017144035.1| PREDICTED: importin subunit alpha-4 [Drosophila miranda]
>gi|1037102314|ref|XP 017144964.1| PREDICTED: mitochondrial pyruvate carrier 2 [Drosophila mir
>gi|1037106362|ref|XP_017145486.1| PREDICTED: mitochondrial pyruvate carrier 2-like [Drosophile
>gi|1037106370|ref|XP_017145487.1| PREDICTED: mitochondrial pyruvate carrier 2-like [Drosophile
>gi|1037058944|ref|XP_017141766.1| PREDICTED: vacuolar protein sorting-associated protein 45 [
>gi|1037058914|ref|XP_017141764.1| PREDICTED: IQ and AAA domain-containing protein 1 isoform X
>gi|1037058930|ref|XP_017141765.1| PREDICTED: IQ and AAA domain-containing protein 1 isoform X
>gi|1037059051|ref|XP_017141773.1| PREDICTED: U6 snRNA phosphodiesterase [Drosophila miranda]
>gi|1037059021|ref|XP_017141771.1| PREDICTED: metaxin-1 homolog isoform X1 [Drosophila miranda]
>gi|1037059037|ref|XP_017141772.1| PREDICTED: metaxin-1 homolog isoform X2 [Drosophila miranda]
>gi|1037059006|ref|XP_017141770.1| PREDICTED: methyl-CpG-binding domain protein 2 isoform X2 [
>gi|1037058990|ref|XP_017141769.1| PREDICTED: methyl-CpG-binding domain protein 2 isoform X1 [
>gi|1037058976|ref|XP_017141768.1| PREDICTED: AP-1 complex subunit mu-1 [Drosophila miranda]
>gi|1037058960|ref|XP_017141767.1| PREDICTED: 2-oxoisovalerate dehydrogenase subunit alpha, mi
>gi|1037092948|ref|XP 017144153.1| PREDICTED: probable tRNA (uracil-0(2)-)-methyltransferase [
>gi|1037092990|ref|XP_017144157.1| PREDICTED: RNA-binding protein with serine-rich domain 1-B
>gi|1037092976|ref|XP_017144155.1| PREDICTED: RNA-binding protein with serine-rich domain 1-B
>gi|1037092962|ref|XP_017144154.1| PREDICTED: RNA-binding protein with serine-rich domain 1-B
>gi|1037102333|ref|XP_017144966.1| PREDICTED: uncharacterized protein LOC108157428 isoform X1
>gi|1037102343|ref|XP_017144967.1| PREDICTED: uncharacterized protein LOC108157428 isoform X2
>gi|1037081782|ref|XP_017143342.1| PREDICTED: DNA polymerase alpha catalytic subunit [Drosophi
>gi|1037081795|ref|XP_017143343.1| PREDICTED: uncharacterized protein LOC108156409 [Drosophila
>gi|1037063920|ref|XP 017142111.1| PREDICTED: uncharacterized protein LOC108155660 [Drosophila
>gi|1037063933|ref|XP_017142112.1| PREDICTED: protein archease-like [Drosophila miranda]
>gi|1037063858|ref|XP_017142107.1| PREDICTED: transcription factor E2f1 [Drosophila miranda]
>gi|1037063873|ref|XP_017142108.1| PREDICTED: transcription factor E2f1 [Drosophila miranda]
>gi|1037063889|ref|XP_017142109.1| PREDICTED: transcription factor E2f1 [Drosophila miranda]
>gi|1037063906|ref|XP_017142110.1| PREDICTED: transcription factor E2f1 [Drosophila miranda]
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>gi|1037023078|ref|XP_017139462.1| PREDICTED: GTPase-activating protein RacGAP84C-like, partia
>gi|1037097794|ref|XP_017144549.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1037097784|ref|XP_017144548.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1037097803|ref|XP_017144550.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1037034374|ref|XP_017140155.1| PREDICTED: V-type proton ATPase 16 kDa proteolipid subunit-
>gi|1037034391|ref|XP_017140156.1| PREDICTED: V-type proton ATPase 16 kDa proteolipid subunit-
>gi|1037035081|ref|XP_017140196.1| PREDICTED: V-type proton ATPase 16 kDa proteolipid subunit-
>gi|1037062140|ref|XP_017141987.1| PREDICTED: insulin-like receptor [Drosophila miranda]
>gi|1037062156|ref|XP_017141988.1| PREDICTED: insulin-like receptor [Drosophila miranda]
>gi|1037023095|ref|XP_017139463.1| PREDICTED: acyl-CoA Delta(11) desaturase-like [Drosophila m
>gi|1037096110|ref|XP_017144395.1| PREDICTED: adenosine 3'-phospho 5'-phosphosulfate transport
>gi|1037096123|ref|XP_017144396.1| PREDICTED: uncharacterized protein LOC108157072 [Drosophila
>gi|1037038062|ref|XP_017140360.1| PREDICTED: pupal cuticle protein Edg-91 isoform X2 [Drosoph
>gi|1037038050|ref|XP_017140359.1| PREDICTED: pupal cuticle protein Edg-91 isoform X1 [Drosoph
>gi|1037038961|ref|XP_017140419.1| PREDICTED: keratin-associated protein 19-2 [Drosophila mirated protein 19-2]
>gi|1037037891|ref|XP_017140352.1| PREDICTED: pupal cuticle protein Edg-91 [Drosophila miranda
>gi|1037040857|ref|XP_017140548.1| PREDICTED: acanthoscurrin-1 [Drosophila miranda]
>gi|1037023113|ref|XP_017139464.1| PREDICTED: translation initiation factor IF-2 [Drosophila m
>gi|1037023131|ref|XP_017139465.1| PREDICTED: uncharacterized protein LOC108153876 [Drosophila
>gi|1037035649|ref|XP 017140221.1| PREDICTED: attacin-A [Drosophila miranda]
>gi|1037106689|ref|XP_017145531.1| PREDICTED: uncharacterized protein LOC108157839 [Drosophila
>gi|1037050510|ref|XP 017141192.1| PREDICTED: uncharacterized protein LOC108155085 isoform X1
>gi|1037050524|ref|XP_017141193.1| PREDICTED: uncharacterized protein LOC108155085 isoform X1
>gi|1037050540|ref|XP_017141194.1| PREDICTED: uncharacterized protein LOC108155085 isoform X2
>gi|1037050634|ref|XP_017141201.1| PREDICTED: bax inhibitor 1-like [Drosophila miranda]
>gi|1037050618|ref|XP_017141200.1| PREDICTED: transmembrane protein 192 [Drosophila miranda]
>gi|1037050602|ref|XP_017141198.1| PREDICTED: serine/threonine-protein kinase shk1/pak1 [Droso
>gi|1037050586|ref|XP_017141197.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037050554|ref|XP_017141195.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037050570|ref|XP_017141196.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037052014|ref|XP_017141297.1| PREDICTED: splicing factor 3A subunit 3 [Drosophila miranda]
>gi|1037052029|ref|XP_017141298.1| PREDICTED: mitotic spindle assembly checkpoint protein MAD2
>gi|1037051884|ref|XP_017141288.1| PREDICTED: serine/arginine repetitive matrix protein 2 [Dros
>gi|1037051900|ref|XP_017141289.1| PREDICTED: serine/arginine repetitive matrix protein 2 [Dros
>gi|1037051936|ref|XP 017141291.1| PREDICTED: dihydropyrimidinase isoform X2 [Drosophila miran
>gi|1037051918|ref|XP_017141290.1| PREDICTED: dihydropyrimidinase isoform X1 [Drosophila miran-
>gi|1037051952|ref|XP_017141292.1| PREDICTED: dihydropyrimidinase 2 isoform X3 [Drosophila mire
>gi|1037051998|ref|XP_017141296.1| PREDICTED: dihydropyrimidinase-related protein 3 isoform X6
>gi|1037051968|ref|XP_017141294.1| PREDICTED: dihydropyrimidinase isoform X4 [Drosophila miran
>gi|1037051984|ref|XP_017141295.1| PREDICTED: dihydropyrimidinase isoform X5 [Drosophila miran-
>gi|1037032364|ref|XP_017140031.1| PREDICTED: uncharacterized protein LOC108154292 isoform X1
>gi|1037032382|ref|XP_017140032.1| PREDICTED: uncharacterized protein LOC108154292 isoform X2
>gi|1037093311|ref|XP_017144179.1| PREDICTED: uncharacterized protein LOC108156932 [Drosophila
>gi|1037093325|ref|XP_017144180.1| PREDICTED: uncharacterized protein LOC108156932 [Drosophila
>gi|1037093339|ref|XP_017144181.1| PREDICTED: uncharacterized protein LOC108156932 [Drosophila
>gi|1037093353|ref|XP_017144182.1| PREDICTED: uncharacterized protein LOC108156932 [Drosophila
>gi|1037076079|ref|XP_017142934.1| PREDICTED: uncharacterized protein LOC108156132 [Drosophila
>gi|1037076064|ref|XP_017142933.1| PREDICTED: LOW QUALITY PROTEIN: tankyrase [Drosophila mirane
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>gi|1037089110|ref|XP_017143866.1| PREDICTED: probable serine/threonine-protein kinase cdc7 [Di
>gi|1037089128|ref|XP_017143867.1| PREDICTED: probable serine/threonine-protein kinase cdc7 [Di
>gi|1037089142|ref|XP_017143868.1| PREDICTED: probable serine/threonine-protein kinase cdc7 [Di
>gi|1037080415|ref|XP_017143235.1| PREDICTED: relaxin receptor 2 [Drosophila miranda]
>gi|1037080471|ref|XP_017143239.1| PREDICTED: zinc finger protein OZF [Drosophila miranda]
>gi|1037080499|ref|XP_017143241.1| PREDICTED: uncharacterized protein LOC108156351 [Drosophila
>gi|1037080457|ref|XP_017143238.1| PREDICTED: S-adenosylmethionine mitochondrial carrier prote
>gi|1037080443|ref|XP_017143237.1| PREDICTED: isocitrate dehydrogenase [NAD] subunit gamma, mi
>gi|1037080429|ref|XP_017143236.1| PREDICTED: isocitrate dehydrogenase [NAD] subunit gamma, mi
>gi|1037080485|ref|XP_017143240.1| PREDICTED: 60S ribosomal protein L27 [Drosophila miranda]
>gi|1037098387|ref|XP_017144610.1| PREDICTED: probable cardiolipin synthase (CMP-forming) [Dros
>gi|1037071807|ref|XP_017142640.1| PREDICTED: low-density lipoprotein receptor isoform X3 [Dros
>gi|1037071838|ref|XP_017142641.1| PREDICTED: low-density lipoprotein receptor isoform X4 [Dros
>gi|1037071775|ref|XP_017142638.1| PREDICTED: low-density lipoprotein receptor isoform X1 [Dros
>gi|1037071854|ref|XP_017142642.1| PREDICTED: low-density lipoprotein receptor isoform X5 [Drop
>gi|1037071791|ref|XP_017142639.1| PREDICTED: low-density lipoprotein receptor isoform X2 [Dros
>gi|1037071868|ref|XP_017142643.1| PREDICTED: low-density lipoprotein receptor isoform X6 [Drop
>gi|1037071923|ref|XP_017142645.1| PREDICTED: low-density lipoprotein receptor isoform X8 [Droplet of the company of the compa
>gi|1037071892|ref|XP_017142644.1| PREDICTED: low-density lipoprotein receptor isoform X7 [Dros
>gi|1037071941|ref|XP 017142646.1| PREDICTED: LOW QUALITY PROTEIN: very low-density lipoprotein
>gi|1037096671|ref|XP_017144445.1| PREDICTED: myosin-9-like [Drosophila miranda]
>gi|1037032969|ref|XP 017140070.1| PREDICTED: probable palmitoyltransferase ZDHHC24 [Drosophile
>gi|1037105991|ref|XP_017145435.1| PREDICTED: uncharacterized protein LOC108157764 [Drosophila
>gi|1037036977|ref|XP_017140299.1| PREDICTED: uncharacterized protein LOC108154509 isoform X2
>gi|1037036960|ref|XP_017140298.1| PREDICTED: uncharacterized protein LOC108154509 isoform X1
>gi|1037106386|ref|XP_017145489.1| PREDICTED: uncharacterized protein LOC108157806 [Drosophila
>gi|1037104422|ref|XP_017145211.1| PREDICTED: calmodulin-like [Drosophila miranda]
>gi|1037104432|ref|XP_017145212.1| PREDICTED: calmodulin-like [Drosophila miranda]
>gi|1037104440|ref|XP_017145213.1| PREDICTED: calmodulin-related protein 97A-like [Drosophila 1
>gi|1037104448|ref|XP_017145214.1| PREDICTED: calmodulin-related protein 97A-like [Drosophila 1
>gi|1037103667|ref|XP_017145112.1| PREDICTED: protein TolA [Drosophila miranda]
>gi|1037023147|ref|XP_017139466.1| PREDICTED: uncharacterized protein LOC108153877 [Drosophila
>gi|1037094502|ref|XP 017144266.1| PREDICTED: uncharacterized protein LOC108156984 [Drosophila
>gi|1037094516|ref|XP_017144267.1| PREDICTED: uncharacterized protein LOC108156984 [Drosophila
>gi|1037094488|ref|XP 017144264.1| PREDICTED: beta-taxilin [Drosophila miranda]
>gi|1037104804|ref|XP_017145265.1| PREDICTED: Kv channel-interacting protein 1 [Drosophila mire
>gi|1037104812|ref|XP 017145267.1| PREDICTED: Kv channel-interacting protein 1 [Drosophila mire
>gi|1037084074|ref|XP_017143514.1| PREDICTED: CD81 antigen [Drosophila miranda]
>gi|1037064178|ref|XP_017142128.1| PREDICTED: V-type proton ATPase subunit E [Drosophila miran-
>gi|1037064132|ref|XP_017142124.1| PREDICTED: protein krasavietz [Drosophila miranda]
>gi|1037064148|ref|XP_017142125.1| PREDICTED: protein krasavietz [Drosophila miranda]
>gi|1037064164|ref|XP_017142127.1| PREDICTED: uncharacterized protein LOC108155674 [Drosophila
>gi|1037064194|ref|XP 017142129.1| PREDICTED: protein KRTCAP2 homolog [Drosophila miranda]
>gi|1037094708|ref|XP_017144281.1| PREDICTED: 28S ribosomal protein S18a, mitochondrial [Droso
>gi|1037094692|ref|XP_017144280.1| PREDICTED: pachytene checkpoint protein 2 homolog [Drosophi
>gi|1037023163|ref|XP_017139467.1| PREDICTED: putative odorant receptor 85d [Drosophila mirand
>gi|1037037628|ref|XP_017140338.1| PREDICTED: uncharacterized protein LOC108154546 [Drosophila
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>gi|1037106137|ref|XP\_017145455.1| PREDICTED: transmembrane protein 135-like [Drosophila mirane

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>gi|1037096683|ref|XP_017144446.1| PREDICTED: transmembrane protein 135 [Drosophila miranda]
>gi|1037096697|ref|XP_017144447.1| PREDICTED: transmembrane protein 135 [Drosophila miranda]
>gi|1037037380|ref|XP_017140324.1| PREDICTED: odorant receptor 85c [Drosophila miranda]
>gi|1037106602|ref|XP_017145519.1| PREDICTED: odorant receptor 85b-like [Drosophila miranda]
>gi|1037046571|ref|XP 017140927.1| PREDICTED: irregular chiasm C-roughest protein isoform X3 [
>gi|1037046539|ref|XP_017140925.1| PREDICTED: uncharacterized protein LOC108154943 isoform X1
>gi|1037046555|ref|XP 017140926.1| PREDICTED: uncharacterized protein LOC108154943 isoform X2
>gi|1037046605|ref|XP_017140929.1| PREDICTED: hemicentin-2 isoform X5 [Drosophila miranda]
>gi|1037046587|ref|XP_017140928.1| PREDICTED: hemicentin-2 isoform X4 [Drosophila miranda]
>gi|1037022499|ref|XP_017139424.1| PREDICTED: uncharacterized protein LOC108153837 [Drosophila
>gi|1037046633|ref|XP_017140931.1| PREDICTED: zinc finger protein 383 isoform X1 [Drosophila m
>gi|1037046649|ref|XP 017140932.1| PREDICTED: zinc finger protein 383 isoform X2 [Drosophila m
>gi|1037046663|ref|XP_017140933.1| PREDICTED: adenosine deaminase-like protein [Drosophila mire
>gi|1037046619|ref|XP_017140930.1| PREDICTED: protein Red [Drosophila miranda]
>gi|1037046473|ref|XP_017140920.1| PREDICTED: jmjC domain-containing histone demethylation pro
>gi|1037046489|ref|XP 017140921.1| PREDICTED: jmjC domain-containing histone demethylation pro
>gi|1037046505|ref|XP_017140922.1| PREDICTED: jmjC domain-containing histone demethylation pro-
>gi|1037046521|ref|XP 017140924.1| PREDICTED: jmjC domain-containing histone demethylation pro
>gi|1037102426|ref|XP_017144975.1| PREDICTED: vasotab [Drosophila miranda]
>gi|1037102414|ref|XP 017144974.1| PREDICTED: iron-sulfur cluster assembly scaffold protein Is-
>gi|1037038601|ref|XP_017140397.1| PREDICTED: UPF0668 protein C10orf76 [Drosophila miranda]
>gi|1037038396|ref|XP 017140383.1| PREDICTED: tight junction protein ZO-1 isoform X1 [Drosophi
>gi|1037038412|ref|XP_017140384.1| PREDICTED: tight junction protein ZO-1 isoform X2 [Drosophi
>gi|1037038430|ref|XP_017140385.1| PREDICTED: tight junction protein ZO-1 isoform X3 [Drosophi
>gi|1037038446|ref|XP_017140386.1| PREDICTED: tight junction protein ZO-1 isoform X4 [Drosophi
>gi|1037038462|ref|XP_017140387.1| PREDICTED: tight junction protein ZO-1 isoform X5 [Drosophi
>gi|1037038478|ref|XP_017140389.1| PREDICTED: uncharacterized protein LOC108154591 isoform X6
>gi|1037038490|ref|XP_017140390.1| PREDICTED: uncharacterized protein LOC108154591 isoform X7
>gi|1037038538|ref|XP_017140393.1| PREDICTED: tight junction protein ZO-1 isoform X10 [Drosoph
>gi|1037038504|ref|XP_017140391.1| PREDICTED: tight junction protein ZO-2 isoform X8 [Drosophi
>gi|1037038520|ref|XP_017140392.1| PREDICTED: tight junction protein ZO-2 isoform X9 [Drosophi
>gi|1037038553|ref|XP_017140394.1| PREDICTED: tight junction protein ZO-2 isoform X11 [Drosoph
>gi|1037038663|ref|XP_017140401.1| PREDICTED: uncharacterized protein LOC108154597 isoform X2
>gi|1037038651|ref|XP_017140400.1| PREDICTED: uncharacterized protein LOC108154597 isoform X1
>gi|1037038619|ref|XP 017140398.1| PREDICTED: maternal effect protein oskar isoform X1 [Drosop
>gi|1037038636|ref|XP_017140399.1| PREDICTED: maternal effect protein oskar isoform X2 [Drosop
>gi|1037038569|ref|XP 017140395.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1037038583|ref|XP_017140396.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1037038772|ref|XP_017140407.1| PREDICTED: succinyl-CoA ligase [ADP-forming] subunit beta,
>gi|1037038724|ref|XP_017140404.1| PREDICTED: succinyl-CoA ligase [ADP-forming] subunit beta,
>gi|1037038740|ref|XP_017140405.1| PREDICTED: succinyl-CoA ligase [ADP-forming] subunit beta,
>gi|1037038756|ref|XP_017140406.1| PREDICTED: succinyl-CoA ligase [ADP-forming] subunit beta,
>gi|1037038708|ref|XP 017140403.1| PREDICTED: beta-catenin-like protein 1 [Drosophila miranda]
>gi|1037103808|ref|XP_017145130.1| PREDICTED: uncharacterized protein LOC108157538 [Drosophila
>gi|1037078833|ref|XP 017143126.1| PREDICTED: uncharacterized protein LOC108156269 [Drosophila
>gi|1037078847|ref|XP_017143127.1| PREDICTED: uncharacterized protein LOC108156269 [Drosophila
>gi|1037078889|ref|XP_017143130.1| PREDICTED: chymotrypsin-2 [Drosophila miranda]
>gi|1037078861|ref|XP_017143128.1| PREDICTED: UPF0528 protein CG10038 isoform X1 [Drosophila m
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>gi|1037078875|ref|XP_017143129.1| PREDICTED: UPF0528 protein CG10038 isoform X2 [Drosophila m
>gi|1037104388|ref|XP_017145207.1| PREDICTED: uncharacterized protein LOC108157591 [Drosophila
>gi|1037092345|ref|XP 017144112.1| PREDICTED: steroid receptor seven-up, isoforms B/C isoform
>gi|1037092271|ref|XP_017144111.1| PREDICTED: steroid receptor seven-up isoform X1 [Drosophila
>gi|1037035011|ref|XP 017140192.1| PREDICTED: uncharacterized protein F12A10.7 [Drosophila mire
>gi|1037105578|ref|XP_017145377.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 [
>gi|1037033490|ref|XP 017140100.1| PREDICTED: probable cytochrome P450 313a3 [Drosophila mirane
>gi|1037105620|ref|XP_017145383.1| PREDICTED: probable cytochrome P450 313a1 [Drosophila miran-
>gi|1037105628|ref|XP_017145384.1| PREDICTED: phosphoglycerate mutase 2 [Drosophila miranda]
>gi|1037023179|ref|XP_017139469.1| PREDICTED: chymotrypsin-1 [Drosophila miranda]
>gi|1037023195|ref|XP_017139470.1| PREDICTED: chymotrypsin-2 [Drosophila miranda]
>gi|1037023213|ref|XP_017139471.1| PREDICTED: chymotrypsin-1 [Drosophila miranda]
>gi|1037106780|ref|XP_017145544.1| PREDICTED: LIM domain-binding protein 3 [Drosophila miranda]
>gi|1037106213|ref|XP_017145466.1| PREDICTED: short-chain specific acyl-CoA dehydrogenase, mit-
>gi|1037090820|ref|XP_017144003.1| PREDICTED: conserved oligomeric Golgi complex subunit 1 [Dref|XP_017144003.1]
>gi|1037090836|ref|XP 017144004.1| PREDICTED: glycine-rich protein 5 [Drosophila miranda]
>gi|1037033984|ref|XP_017140130.1| PREDICTED: 4-coumarate--CoA ligase 1 [Drosophila miranda]
>gi|1037106671|ref|XP 017145529.1| PREDICTED: adenosine kinase [Drosophila miranda]
>gi|1037105844|ref|XP_017145414.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037105276|ref|XP 017145334.1| PREDICTED: calphotin [Drosophila miranda]
>gi|1037105852|ref|XP_017145416.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1037074127|ref|XP 017142800.1| PREDICTED: uncharacterized protein LOC108156041 isoform X4
>gi|1037074061|ref|XP_017142795.1| PREDICTED: uncharacterized protein LOC108156041 isoform X1
>gi|1037074077|ref|XP_017142796.1| PREDICTED: uncharacterized protein LOC108156041 isoform X1
>gi|1037074093|ref|XP_017142797.1| PREDICTED: uncharacterized protein LOC108156041 isoform X2
>gi|1037074109|ref|XP_017142798.1| PREDICTED: uncharacterized protein LOC108156041 isoform X3
>gi|1037074029|ref|XP_017142793.1| PREDICTED: uncharacterized protein LOC108156040 [Drosophila
>gi|1037074045|ref|XP_017142794.1| PREDICTED: uncharacterized protein LOC108156040 [Drosophila
>gi|1037073931|ref|XP_017142786.1| PREDICTED: phospholipid-transporting ATPase ID isoform X5 [
>gi|1037073947|ref|XP_017142787.1| PREDICTED: phospholipid-transporting ATPase ID isoform X6 [
>gi|1037073979|ref|XP 017142790.1| PREDICTED: phospholipid-transporting ATPase ID isoform X8 [
>gi|1037073995|ref|XP_017142791.1| PREDICTED: phospholipid-transporting ATPase ID isoform X9 [
>gi|1037074011|ref|XP 017142792.1| PREDICTED: phospholipid-transporting ATPase ID isoform X10
>gi|1037073839|ref|XP_017142780.1| PREDICTED: phospholipid-transporting ATPase ID isoform X1 [
>gi|1037073854|ref|XP 017142781.1| PREDICTED: phospholipid-transporting ATPase ID isoform X1 [
>gi|1037073868|ref|XP_017142782.1| PREDICTED: phospholipid-transporting ATPase ID isoform X1 [
>gi|1037073883|ref|XP 017142783.1| PREDICTED: phospholipid-transporting ATPase ID isoform X2 [
>gi|1037073915|ref|XP_017142785.1| PREDICTED: phospholipid-transporting ATPase ID isoform X4 [
>gi|1037073899|ref|XP_017142784.1| PREDICTED: phospholipid-transporting ATPase ID isoform X3 [
>gi|1037073963|ref|XP_017142788.1| PREDICTED: phospholipid-transporting ATPase ID isoform X7 [
>gi|1037105941|ref|XP_017145428.1| PREDICTED: probable citrate synthase, mitochondrial [Drosop
>gi|1037035169|ref|XP 017140201.1| PREDICTED: ubiquitin-conjugating enzyme E2 6 [Drosophila mi
>gi|1037102021|ref|XP_017144934.1| PREDICTED: band 7 protein AGAP004871 [Drosophila miranda]
>gi|1037101966|ref|XP_017144929.1| PREDICTED: uncharacterized protein LOC108157399 [Drosophila
>gi|1037101978|ref|XP_017144930.1| PREDICTED: uncharacterized protein LOC108157400 isoform X1
>gi|1037101991|ref|XP 017144931.1| PREDICTED: band 7 protein AGAP004871-like isoform X2 [Droso
>gi|1037102002|ref|XP_017144932.1| PREDICTED: band 7 protein AGAP004871-like isoform X3 [Droso
>gi|1037102011|ref|XP_017144933.1| PREDICTED: band 7 protein AGAP004871-like isoform X4 [Droso
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>gi|1037102031|ref|XP_017144935.1| PREDICTED: uncharacterized protein LOC108157402 [Drosophila
>gi|1037100552|ref|XP_017144793.1| PREDICTED: transcription initiation protein SPT3 homolog [Di
>gi|1037076930|ref|XP_017142990.1| PREDICTED: DDB1- and CUL4-associated factor 12 [Drosophila 1
>gi|1037076915|ref|XP_017142989.1| PREDICTED: GRIP and coiled-coil domain-containing protein 2
>gi|1037094722|ref|XP 017144282.1| PREDICTED: kelch-like protein 18 [Drosophila miranda]
>gi|1037058204|ref|XP_017141715.1| PREDICTED: beta-galactosidase [Drosophila miranda]
>gi|1037058251|ref|XP 017141719.1| PREDICTED: tachykinins isoform X1 [Drosophila miranda]
>gi|1037058265|ref|XP_017141720.1| PREDICTED: tachykinins isoform X2 [Drosophila miranda]
>gi|1037058147|ref|XP_017141711.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058162|ref|XP_017141712.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058116|ref|XP_017141709.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058132|ref|XP_017141710.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058177|ref|XP_017141713.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058187|ref|XP_017141714.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058236|ref|XP_017141718.1| PREDICTED: L-galactose dehydrogenase [Drosophila miranda]
>gi|1037058218|ref|XP_017141717.1| PREDICTED: L-galactose dehydrogenase [Drosophila miranda]
>gi|1037058279|ref|XP_017141721.1| PREDICTED: uncharacterized protein LOC108155425 [Drosophila
>gi|1037032056|ref|XP_017140013.1| PREDICTED: solute carrier family 35 member F6 [Drosophila m
>gi|1037032119|ref|XP_017140018.1| PREDICTED: mitochondrial glutamate carrier 1 [Drosophila mi
>gi|1037032136|ref|XP 017140019.1| PREDICTED: mitochondrial glutamate carrier 1-like [Drosophi
>gi|1037032092|ref|XP_017140015.1| PREDICTED: mitochondrial glutamate carrier 1-like [Drosophi
>gi|1037032106|ref|XP 017140017.1| PREDICTED: mitochondrial glutamate carrier 1-like [Drosophi
>gi|1037031807|ref|XP_017139998.1| PREDICTED: uncharacterized protein LOC108154271 isoform X1
>gi|1037031841|ref|XP_017140000.1| PREDICTED: protein IWS1 homolog isoform X3 [Drosophila mirated
>gi|1037031823|ref|XP_017139999.1| PREDICTED: uncharacterized protein LOC108154271 isoform X2
>gi|1037032037|ref|XP_017140012.1| PREDICTED: aurora kinase C [Drosophila miranda]
>gi|1037031773|ref|XP_017139996.1| PREDICTED: zinc finger protein 829 isoform X1 [Drosophila m
>gi|1037031791|ref|XP_017139997.1| PREDICTED: uncharacterized protein LOC108154270 isoform X2
>gi|1037031612|ref|XP_017139991.1| PREDICTED: arginine/serine-rich protein PNISR [Drosophila m
>gi|1037031648|ref|XP_017139994.1| PREDICTED: ATPase family AAA domain-containing protein 3 [Di
>gi|1037031757|ref|XP_017139995.1| PREDICTED: ATPase family AAA domain-containing protein 3 [Di
>gi|1037031629|ref|XP_017139992.1| PREDICTED: protein asunder [Drosophila miranda]
>gi|1037032074|ref|XP_017140014.1| PREDICTED: uncharacterized protein LOC108154276 [Drosophila
>gi|1037031596|ref|XP_017139990.1| PREDICTED: nucleolar protein 6 [Drosophila miranda]
>gi|1037031954|ref|XP 017140007.1| PREDICTED: casein kinase I isoform X6 [Drosophila miranda]
>gi|1037031970|ref|XP_017140008.1| PREDICTED: casein kinase I isoform X6 [Drosophila miranda]
>gi|1037031886|ref|XP 017140003.1| PREDICTED: casein kinase I isoform X2 [Drosophila miranda]
>gi|1037031936|ref|XP_017140006.1| PREDICTED: casein kinase I isoform X5 [Drosophila miranda]
>gi|1037031986|ref|XP_017140009.1| PREDICTED: casein kinase I isoform X7 [Drosophila miranda]
>gi|1037031869|ref|XP_017140001.1| PREDICTED: casein kinase I isoform X1 [Drosophila miranda]
>gi|1037031922|ref|XP_017140005.1| PREDICTED: casein kinase I isoform X4 [Drosophila miranda]
>gi|1037031904|ref|XP_017140004.1| PREDICTED: casein kinase I isoform X3 [Drosophila miranda]
>gi|1037032001|ref|XP_017140010.1| PREDICTED: casein kinase I isoform X8 [Drosophila miranda]
>gi|1037032019|ref|XP_017140011.1| PREDICTED: casein kinase I isoform X9 [Drosophila miranda]
>gi|1037101928|ref|XP_017144924.1| PREDICTED: zinc transporter ZIP1 [Drosophila miranda]
>gi|1037082760|ref|XP_017143412.1| PREDICTED: extracellular sulfatase SULF-1 homolog [Drosophi
>gi|1037082774|ref|XP_017143413.1| PREDICTED: extracellular sulfatase SULF-1 homolog [Drosophi
>gi|1037082801|ref|XP_017143415.1| PREDICTED: facilitated trehalose transporter Tret1-like [Dref|XP_017143415.1]
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>gi|1037082788|ref|XP_017143414.1| PREDICTED: probable plastidic glucose transporter 2 [Drosop
>gi|1037073595|ref|XP_017142764.1| PREDICTED: serine/arginine-rich splicing factor 1B [Drosoph
>gi|1037073611|ref|XP_017142765.1| PREDICTED: transcription factor Sp4 [Drosophila miranda]
>gi|1037073661|ref|XP_017142768.1| PREDICTED: uncharacterized protein LOC108156027 isoform X3
>gi|1037073627|ref|XP 017142766.1| PREDICTED: uncharacterized protein LOC108156027 isoform X1
>gi|1037073643|ref|XP_017142767.1| PREDICTED: uncharacterized protein LOC108156027 isoform X2
>gi|1037097565|ref|XP 017144527.1| PREDICTED: mesencephalic astrocyte-derived neurotrophic fac
>gi|1037097575|ref|XP_017144528.1| PREDICTED: uncharacterized protein LOC108157138 [Drosophila
>gi|1037102456|ref|XP_017144979.1| PREDICTED: putative SERF-like protein [Drosophila miranda]
>gi|1037104768|ref|XP_017145260.1| PREDICTED: uncharacterized protein LOC108157631 [Drosophila
>gi|1037104760|ref|XP_017145259.1| PREDICTED: uncharacterized protein LOC108157630 [Drosophila
>gi|1037105570|ref|XP_017145376.1| PREDICTED: uncharacterized protein LOC108157719 [Drosophila
>gi|1037102165|ref|XP_017144948.1| PREDICTED: circadian locomoter output cycles protein kaput
>gi|1037102144|ref|XP_017144946.1| PREDICTED: single-minded homolog 2 isoform X1 [Drosophila m
>gi|1037102154|ref|XP_017144947.1| PREDICTED: single-minded homolog 2 isoform X1 [Drosophila m
>gi|1037033470|ref|XP_017140099.1| PREDICTED: uncharacterized protein LOC108154344 isoform X4
>gi|1037033414|ref|XP_017140095.1| PREDICTED: uncharacterized protein LOC108154344 isoform X1
>gi|1037033452|ref|XP 017140098.1| PREDICTED: uncharacterized protein LOC108154344 isoform X3
>gi|1037033434|ref|XP_017140097.1| PREDICTED: uncharacterized protein LOC108154344 isoform X2
>gi|1037050839|ref|XP 017141217.1| PREDICTED: protein farnesyltransferase subunit beta [Drosop
>gi|1037050883|ref|XP_017141220.1| PREDICTED: uncharacterized protein LOC108155102 isoform X2
>gi|1037050871|ref|XP 017141219.1| PREDICTED: armadillo repeat-containing protein 7 isoform X1
>gi|1037050901|ref|XP_017141221.1| PREDICTED: 28S ribosomal protein S33, mitochondrial [Drosop
>gi|1037050793|ref|XP_017141212.1| PREDICTED: protein CLEC16A isoform X2 [Drosophila miranda]
>gi|1037050777|ref|XP_017141211.1| PREDICTED: protein CLEC16A isoform X1 [Drosophila miranda]
>gi|1037050855|ref|XP_017141218.1| PREDICTED: tetratricopeptide repeat protein 1 [Drosophila m
>gi|1037050825|ref|XP_017141216.1| PREDICTED: methionine synthase reductase [Drosophila mirand
>gi|1037050809|ref|XP_017141215.1| PREDICTED: serine/threonine-protein kinase PAK 2 [Drosophile
>gi|1037054821|ref|XP_017141488.1| PREDICTED: techylectin-5A [Drosophila miranda]
>gi|1037054761|ref|XP_017141484.1| PREDICTED: uncharacterized protein LOC108155281 isoform X4
>gi|1037054746|ref|XP_017141483.1| PREDICTED: uncharacterized protein LOC108155281 isoform X3
>gi|1037054732|ref|XP_017141482.1| PREDICTED: uncharacterized protein LOC108155281 isoform X2
>gi|1037054697|ref|XP_017141479.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037054714|ref|XP_017141481.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037054789|ref|XP 017141486.1| PREDICTED: mucin-5AC isoform X6 [Drosophila miranda]
>gi|1037054777|ref|XP 017141485.1| PREDICTED: mucin-5AC isoform X5 [Drosophila miranda]
>gi|1037054852|ref|XP 017141491.1| PREDICTED: acylphosphatase-2 [Drosophila miranda]
>gi|1037054836|ref|XP_017141490.1| PREDICTED: uroporphyrinogen-III synthase [Drosophila mirand
>gi|1037054805|ref|XP_017141487.1| PREDICTED: protein FAM114A2 [Drosophila miranda]
>gi|1037036661|ref|XP_017140282.1| PREDICTED: uncharacterized protein LOC108154493 [Drosophila
>gi|1037026831|ref|XP_017139698.1| PREDICTED: uncharacterized protein LOC108154093 isoform X1
>gi|1037026849|ref|XP_017139699.1| PREDICTED: uncharacterized protein LOC108154093 isoform X2
>gi|1037027074|ref|XP 017139713.1| PREDICTED: uncharacterized protein LOC108154102 [Drosophila
>gi|1037027164|ref|XP_017139719.1| PREDICTED: syntaxin-18 [Drosophila miranda]
>gi|1037027281|ref|XP_017139727.1| PREDICTED: ras-like GTP-binding protein RhoL [Drosophila minus protein RhoL [Drosophila m
>gi|1037027213|ref|XP_017139722.1| PREDICTED: uncharacterized protein LOC108154110 isoform X1
>gi|1037027230|ref|XP_017139724.1| PREDICTED: SAP domain-containing ribonucleoprotein isoform
>gi|1037027025|ref|XP_017139710.1| PREDICTED: heterogeneous nuclear ribonucleoprotein M isoform
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>gi|1037027040|ref|XP_017139711.1| PREDICTED: glycine-rich RNA-binding protein isoform X2 [Drop
>gi|1037027299|ref|XP_017139728.1| PREDICTED: ras-like protein 1 [Drosophila miranda]
>gi|1037027147|ref|XP_017139718.1| PREDICTED: serum response factor-binding protein 1 [Drosoph
>gi|1037027264|ref|XP_017139726.1| PREDICTED: 39S ribosomal protein L47, mitochondrial [Drosop
>gi|1037026957|ref|XP 017139705.1| PREDICTED: lysine-specific demethylase 3B [Drosophila mirane
>gi|1037026975|ref|XP_017139706.1| PREDICTED: lysine-specific demethylase 3B [Drosophila miran-
>gi|1037026866|ref|XP_017139700.1| PREDICTED: F-BAR domain only protein 2 isoform X1 [Drosophi
>gi|1037026881|ref|XP_017139701.1| PREDICTED: F-BAR domain only protein 2 isoform X1 [Drosophi
>gi|1037026899|ref|XP_017139702.1| PREDICTED: F-BAR domain only protein 2 isoform X1 [Drosophi
>gi|1037026915|ref|XP_017139703.1| PREDICTED: F-BAR domain only protein 2 isoform X2 [Drosophi
>gi|1037027010|ref|XP_017139709.1| PREDICTED: tensin [Drosophila miranda]
>gi|1037026993|ref|XP_017139708.1| PREDICTED: solute carrier family 22 member 3 [Drosophila mi
>gi|1037027092|ref|XP_017139714.1| PREDICTED: RNA polymerase II-associated factor 1 homolog [Di
>gi|1037027112|ref|XP_017139716.1| PREDICTED: zinc finger protein 628 [Drosophila miranda]
>gi|1037026933|ref|XP_017139704.1| PREDICTED: coiled-coil domain-containing protein 39 [Drosop
>gi|1037026813|ref|XP_017139697.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X5 [Di
>gi|1037026796|ref|XP_017139696.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X4 [D:
>gi|1037026776|ref|XP_017139695.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X3 [Di
>gi|1037026758|ref|XP_017139693.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X2 [Di
>gi|1037026724|ref|XP 017139691.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X1 [Di
>gi|1037026740|ref|XP_017139692.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X1 [Di
>gi|1037027249|ref|XP_017139725.1| PREDICTED: checkpoint protein HUS1 [Drosophila miranda]
>gi|1037027195|ref|XP_017139721.1| PREDICTED: mannose-1-phosphate guanyltransferase beta [Dros
>gi|1037027180|ref|XP_017139720.1| PREDICTED: Bardet-Biedl syndrome 5 protein homolog [Drosoph
>gi|1037027130|ref|XP_017139717.1| PREDICTED: serine/arginine repetitive matrix protein 2 [Dros
>gi|1037027317|ref|XP_017139729.1| PREDICTED: uncharacterized protein LOC108154115 [Drosophila
>gi|1037027335|ref|XP_017139730.1| PREDICTED: uncharacterized protein LOC108154116 [Drosophila
>gi|1037027057|ref|XP_017139712.1| PREDICTED: pair-rule protein odd-paired [Drosophila miranda]
>gi|1037105559|ref|XP_017145375.1| PREDICTED: uncharacterized protein LOC108157716 [Drosophila
>gi|1037040931|ref|XP_017140554.1| PREDICTED: LOW QUALITY PROTEIN: replication factor C subuni
>gi|1037040873|ref|XP_017140550.1| PREDICTED: FERM, RhoGEF and pleckstrin domain-containing pro-
>gi|1037040887|ref|XP_017140551.1| PREDICTED: FERM, RhoGEF and pleckstrin domain-containing pro-
>gi|1037040903|ref|XP 017140552.1| PREDICTED: microtubule-associated protein futsch isoform X3
>gi|1037040917|ref|XP_017140553.1| PREDICTED: ubiquitin-conjugating enzyme E2-17 kDa [Drosophi
>gi|1037023229|ref|XP 017139472.1| PREDICTED: uncharacterized protein LOC108153883, partial [Di
>gi|1037023247|ref|XP_017139473.1| PREDICTED: lachesin, partial [Drosophila miranda]
>gi|1037105292|ref|XP 017145336.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037106432|ref|XP_017145496.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037105268|ref|XP_017145332.1| PREDICTED: uncharacterized protein LOC108157678 [Drosophila
>gi|1037106594|ref|XP_017145518.1| PREDICTED: uncharacterized protein LOC108157828 [Drosophila
>gi|1037104929|ref|XP_017145284.1| PREDICTED: uncharacterized protein LOC108157646 [Drosophila
>gi|1037104561|ref|XP_017145231.1| PREDICTED: mpv17-like protein [Drosophila miranda]
>gi|1037104576|ref|XP_017145233.1| PREDICTED: mpv17-like protein [Drosophila miranda]
>gi|1037081808|ref|XP_017143344.1| PREDICTED: centrosomal and chromosomal factor [Drosophila m
>gi|1037081819|ref|XP_017143345.1| PREDICTED: uncharacterized protein LOC108156411 [Drosophila
>gi|1037106711|ref|XP_017145534.1| PREDICTED: 4-coumarate--CoA ligase 1-like [Drosophila miran
>gi|1037102251|ref|XP_017144958.1| PREDICTED: LOW QUALITY PROTEIN: luciferin 4-monooxygenase-1
>gi|1037102261|ref|XP_017144960.1| PREDICTED: luciferin 4-monooxygenase-like [Drosophila mirane
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>gi|1037073267|ref|XP_017142741.1| PREDICTED: LOW QUALITY PROTEIN: geranylgeranyl transferase
>gi|1037073251|ref|XP_017142740.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1037103413|ref|XP_017145079.1| PREDICTED: uncharacterized protein LOC108157494 isoform X1
>gi|1037103432|ref|XP_017145081.1| PREDICTED: uncharacterized protein LOC108157495 isoform X1
>gi|1037103444|ref|XP 017145082.1| PREDICTED: uncharacterized protein LOC108157495 isoform X2
>gi|1037103422|ref|XP_017145080.1| PREDICTED: uncharacterized protein LOC108157494 isoform X2
>gi|1037058322|ref|XP 017141724.1| PREDICTED: afadin isoform X2 [Drosophila miranda]
>gi|1037058308|ref|XP_017141722.1| PREDICTED: afadin isoform X1 [Drosophila miranda]
>gi|1037058338|ref|XP_017141725.1| PREDICTED: uncharacterized protein LOC108155427 isoform X3
>gi|1037101251|ref|XP_017144861.1| PREDICTED: RAB6A-GEF complex partner protein 2 [Drosophila i
>gi|1037054219|ref|XP_017141446.1| PREDICTED: vacuolar protein sorting-associated protein 37B
>gi|1037054170|ref|XP 017141443.1| PREDICTED: katanin p60 ATPase-containing subunit A-like 1 is
>gi|1037054188|ref|XP_017141444.1| PREDICTED: katanin p60 ATPase-containing subunit A-like 1 is
>gi|1037054123|ref|XP_017141439.1| PREDICTED: MMS19 nucleotide excision repair protein homolog
>gi|1037054203|ref|XP_017141445.1| PREDICTED: MORN repeat-containing protein 4 [Drosophila mire
>gi|1037054154|ref|XP_017141441.1| PREDICTED: putative cysteine proteinase CG12163 isoform X2
>gi|1037054139|ref|XP_017141440.1| PREDICTED: putative cysteine proteinase CG12163 isoform X1
>gi|1037054235|ref|XP 017141447.1| PREDICTED: uncharacterized protein LOC108155260 [Drosophila
>gi|1037100842|ref|XP_017144824.1| PREDICTED: uncharacterized protein LOC108157320 [Drosophila
>gi|1037100850|ref|XP 017144825.1| PREDICTED: uncharacterized protein LOC108157320 [Drosophila
>gi|1037100860|ref|XP_017144826.1| PREDICTED: enolase-phosphatase E1 [Drosophila miranda]
>gi|1037046300|ref|XP_017140908.1| PREDICTED: egl nine homolog 1 isoform X1 [Drosophila mirand
>gi|1037046330|ref|XP_017140910.1| PREDICTED: probable mitochondrial import inner membrane trans
>gi|1037046314|ref|XP_017140909.1| PREDICTED: egl nine homolog 1 isoform X2 [Drosophila mirand
>gi|1037046098|ref|XP_017140892.1| PREDICTED: oxidation resistance protein 1 isoform X9 [Droso
>gi|1037046082|ref|XP_017140891.1| PREDICTED: oxidation resistance protein 1 isoform X8 [Droso
>gi|1037046244|ref|XP_017140904.1| PREDICTED: oxidation resistance protein 1 isoform X20 [Dros
>gi|1037046064|ref|XP_017140890.1| PREDICTED: oxidation resistance protein 1 isoform X7 [Droso
>gi|1037046271|ref|XP_017140906.1| PREDICTED: oxidation resistance protein 1 isoform X22 [Dros
>gi|1037046046|ref|XP_017140889.1| PREDICTED: oxidation resistance protein 1 isoform X6 [Droso
>gi|1037046258|ref|XP_017140905.1| PREDICTED: oxidation resistance protein 1 isoform X21 [Dros
>gi|1037046003|ref|XP_017140886.1| PREDICTED: oxidation resistance protein 1 isoform X3 [Droso
>gi|1037046033|ref|XP 017140888.1| PREDICTED: oxidation resistance protein 1 isoform X5 [Droso
>gi|1037045987|ref|XP_017140885.1| PREDICTED: oxidation resistance protein 1 isoform X2 [Droso
>gi|1037046232|ref|XP 017140903.1| PREDICTED: uncharacterized protein LOC108154930 isoform X19
>gi|1037046017|ref|XP_017140887.1| PREDICTED: oxidation resistance protein 1 isoform X4 [Droso
>gi|1037045967|ref|XP_017140884.1| PREDICTED: oxidation resistance protein 1 isoform X1 [Droso
>gi|1037046154|ref|XP_017140896.1| PREDICTED: oxidation resistance protein 1 isoform X13 [Dros
>gi|1037046128|ref|XP_017140894.1| PREDICTED: oxidation resistance protein 1 isoform X11 [Dros
>gi|1037046142|ref|XP_017140895.1| PREDICTED: oxidation resistance protein 1 isoform X12 [Dros
>gi|1037046114|ref|XP_017140893.1| PREDICTED: oxidation resistance protein 1 isoform X10 [Dros
>gi|1037046178|ref|XP_017140899.1| PREDICTED: oxidation resistance protein 1 isoform X15 [Dros
>gi|1037046286|ref|XP_017140907.1| PREDICTED: oxidation resistance protein 1 isoform X23 [Dros
>gi|1037046164|ref|XP_017140897.1| PREDICTED: oxidation resistance protein 1 isoform X14 [Dros
>gi|1037046204|ref|XP_017140901.1| PREDICTED: TLD domain-containing protein 2 isoform X17 [Drop
>gi|1037046190|ref|XP_017140900.1| PREDICTED: TLD domain-containing protein 2 isoform X16 [Dros
>gi|1037046218|ref|XP_017140902.1| PREDICTED: TLD domain-containing protein 2 isoform X18 [Drop
>gi|1037046347|ref|XP_017140911.1| PREDICTED: probable mitochondrial import inner membrane tra
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>gi|1037046363|ref|XP_017140912.1| PREDICTED: probable mitochondrial import inner membrane trans
>gi|1037089816|ref|XP_017143922.1| PREDICTED: stromal cell-derived factor 2 [Drosophila mirand
>gi|1037089802|ref|XP_017143921.1| PREDICTED: uncharacterized protein CG1161 [Drosophila miran-
>gi|1037089788|ref|XP_017143920.1| PREDICTED: proteasome subunit beta type-4 [Drosophila miran-
>gi|1037096204|ref|XP 017144404.1| PREDICTED: ceramide kinase [Drosophila miranda]
>gi|1037096215|ref|XP_017144405.1| PREDICTED: ceramide kinase [Drosophila miranda]
>gi|1037105284|ref|XP_017145335.1| PREDICTED: transcription factor SPT20 homolog [Drosophila m
>gi|1037105516|ref|XP_017145370.1| PREDICTED: uncharacterized protein LOC108157710 [Drosophila
>gi|1037076786|ref|XP_017142980.1| PREDICTED: DNA-directed RNA polymerases I, II, and III subu
>gi|1037076726|ref|XP_017142976.1| PREDICTED: protein downstream neighbor of son homolog [Dros
>gi|1037076757|ref|XP_017142978.1| PREDICTED: zinc finger protein 17 [Drosophila miranda]
>gi|1037076770|ref|XP_017142979.1| PREDICTED: neuroendocrine protein 7B2 [Drosophila miranda]
>gi|1037076708|ref|XP_017142975.1| PREDICTED: uncharacterized protein LOC108156158 isoform X2
>gi|1037076662|ref|XP_017142971.1| PREDICTED: uncharacterized protein LOC108156158 isoform X1
>gi|1037076678|ref|XP_017142972.1| PREDICTED: uncharacterized protein LOC108156158 isoform X1
>gi|1037076694|ref|XP_017142974.1| PREDICTED: uncharacterized protein LOC108156158 isoform X1
>gi|1037076742|ref|XP_017142977.1| PREDICTED: uncharacterized protein LOC108156160 [Drosophila
>gi|1037027607|ref|XP 017139746.1| PREDICTED: homeobox protein 5 [Drosophila miranda]
>gi|1037027624|ref|XP_017139747.1| PREDICTED: homeobox protein 5 [Drosophila miranda]
>gi|1037027817|ref|XP 017139761.1| PREDICTED: derlin-2 [Drosophila miranda]
>gi|1037027961|ref|XP_017139768.1| PREDICTED: succinate dehydrogenase assembly factor 3, mitoc
>gi|1037027943|ref|XP 017139767.1| PREDICTED: dihydrofolate reductase [Drosophila miranda]
>gi|1037027575|ref|XP_017139744.1| PREDICTED: soluble guanylate cyclase 89Db [Drosophila miran-
>gi|1037027590|ref|XP_017139745.1| PREDICTED: soluble guanylate cyclase 89Db [Drosophila miran-
>gi|1037027558|ref|XP_017139743.1| PREDICTED: soluble guanylate cyclase 89Da [Drosophila miran-
>gi|1037027800|ref|XP_017139759.1| PREDICTED: COP9 signalosome complex subunit 5 [Drosophila m
>gi|1037027381|ref|XP_017139732.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1037027403|ref|XP_017139733.1| PREDICTED: microtubule-associated protein futsch isoform X2
>gi|1037027755|ref|XP_017139756.1| PREDICTED: glycerophosphodiester phosphodiesterase 1 [Droso
>gi|1037027769|ref|XP_017139757.1| PREDICTED: glycerophosphodiester phosphodiesterase 1 [Droso
>gi|1037027785|ref|XP_017139758.1| PREDICTED: glycerophosphodiester phosphodiesterase 1 [Droso
>gi|1037027835|ref|XP_017139762.1| PREDICTED: trypsin-4 [Drosophila miranda]
>gi|1037027421|ref|XP 017139734.1| PREDICTED: alpha-mannosidase 2x isoform X1 [Drosophila mirat
>gi|1037027438|ref|XP_017139735.1| PREDICTED: alpha-mannosidase 2x isoform X2 [Drosophila mirated
>gi|1037027456|ref|XP 017139736.1| PREDICTED: alpha-mannosidase 2x isoform X2 [Drosophila mirat
>gi|1037027488|ref|XP_017139738.1| PREDICTED: DNA replication licensing factor REC isoform X1
>gi|1037027706|ref|XP_017139753.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1037027506|ref|XP_017139740.1| PREDICTED: DNA replication licensing factor REC isoform X2
>gi|1037027524|ref|XP_017139741.1| PREDICTED: DNA replication licensing factor REC isoform X3
>gi|1037027851|ref|XP_017139763.1| PREDICTED: uncharacterized protein LOC108154138 [Drosophila
>gi|1037027641|ref|XP_017139749.1| PREDICTED: pickpocket protein 28 [Drosophila miranda]
>gi|1037027473|ref|XP_017139737.1| PREDICTED: importin-5 [Drosophila miranda]
>gi|1037027658|ref|XP_017139750.1| PREDICTED: protein spartin [Drosophila miranda]
>gi|1037027673|ref|XP_017139751.1| PREDICTED: protein spartin [Drosophila miranda]
>gi|1037027690|ref|XP_017139752.1| PREDICTED: dnaJ homolog subfamily C member 3 [Drosophila mi
>gi|1037027738|ref|XP_017139755.1| PREDICTED: otefin [Drosophila miranda]
>gi|1037027541|ref|XP_017139742.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037027871|ref|XP_017139764.1| PREDICTED: GILT-like protein F37H8.5 isoform X1 [Drosophila
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>gi|1037027885|ref|XP_017139765.1| PREDICTED: GILT-like protein F37H8.5 isoform X2 [Drosophila
>gi|1037027925|ref|XP_017139766.1| PREDICTED: uncharacterized protein LOC108154140 [Drosophila
>gi|1037027721|ref|XP_017139754.1| PREDICTED: zinc finger protein 664 [Drosophila miranda]
>gi|1037096911|ref|XP_017144466.1| PREDICTED: ras-related GTP-binding protein A [Drosophila mi
>gi|1037096922|ref|XP 017144467.1| PREDICTED: beta carbonic anhydrase 1 [Drosophila miranda]
>gi|1037093506|ref|XP_017144194.1| PREDICTED: ubiquitin domain-containing protein 1 [Drosophile
>gi|1037093575|ref|XP_017144195.1| PREDICTED: ubiquitin domain-containing protein 1 [Drosophile
>gi|1037023263|ref|XP_017139475.1| PREDICTED: odorant receptor 83a [Drosophila miranda]
>gi|1037032414|ref|XP_017140035.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1037104858|ref|XP_017145273.1| PREDICTED: odorant receptor coreceptor [Drosophila miranda]
>gi|1037106800|ref|XP_017145547.1| PREDICTED: casein kinase I [Drosophila miranda]
>gi|1037075783|ref|XP_017142915.1| PREDICTED: LOW QUALITY PROTEIN: ras-like protein family mem
>gi|1037075749|ref|XP_017142913.1| PREDICTED: eukaryotic translation initiation factor 2-alpha
>gi|1037075767|ref|XP_017142914.1| PREDICTED: eukaryotic translation initiation factor 2-alpha
>gi|1037075799|ref|XP_017142916.1| PREDICTED: 60S ribosomal protein L35a [Drosophila miranda]
>gi|1037054356|ref|XP_017141457.1| PREDICTED: polymerase delta-interacting protein 2 [Drosophi
>gi|1037054383|ref|XP_017141459.1| PREDICTED: 39S ribosomal protein L44, mitochondrial [Drosop
>gi|1037054368|ref|XP 017141458.1| PREDICTED: SWI/SNF-related matrix-associated actin-dependen
>gi|1037054340|ref|XP_017141456.1| PREDICTED: histone deacetylase 3 [Drosophila miranda]
>gi|1037054251|ref|XP_017141448.1| PREDICTED: biotin--protein ligase isoform X1 [Drosophila mi
>gi|1037054281|ref|XP_017141449.1| PREDICTED: biotin--protein ligase isoform X2 [Drosophila mi
>gi|1037054293|ref|XP_017141450.1| PREDICTED: biotin--protein ligase isoform X3 [Drosophila mi
>gi|1037054313|ref|XP_017141452.1| PREDICTED: biotin--protein ligase isoform X5 [Drosophila mi
>gi|1037054305|ref|XP_017141451.1| PREDICTED: uncharacterized protein LOC108155261 isoform X4
>gi|1037054325|ref|XP_017141453.1| PREDICTED: kinase suppressor of Ras 1 [Drosophila miranda]
>gi|1037083755|ref|XP_017143489.1| PREDICTED: SURP and G-patch domain-containing protein 1 iso:
>gi|1037083769|ref|XP_017143490.1| PREDICTED: SURP and G-patch domain-containing protein 1 iso:
>gi|1037083783|ref|XP_017143491.1| PREDICTED: formin-like protein 20 isoform X3 [Drosophila mi
>gi|1037083727|ref|XP_017143486.1| PREDICTED: bumetanide-sensitive sodium-(potassium)-chloride
>gi|1037083741|ref|XP_017143488.1| PREDICTED: bumetanide-sensitive sodium-(potassium)-chloride
>gi|1037059827|ref|XP_017141830.1| PREDICTED: glutamate [NMDA] receptor subunit 1 [Drosophila i
>gi|1037059860|ref|XP_017141832.1| PREDICTED: uncharacterized protein LOC108155504 isoform X2
>gi|1037059842|ref|XP 017141831.1| PREDICTED: uncharacterized protein LOC108155504 isoform X1
>gi|1037059751|ref|XP_017141824.1| PREDICTED: inositol 1,4,5-trisphosphate receptor isoform X1
>gi|1037059767|ref|XP 017141825.1| PREDICTED: inositol 1,4,5-trisphosphate receptor isoform X1
>gi|1037059779|ref|XP_017141826.1| PREDICTED: inositol 1,4,5-trisphosphate receptor isoform X2
>gi|1037059811|ref|XP_017141829.1| PREDICTED: uncharacterized protein LOC108155502 isoform X2
>gi|1037059795|ref|XP_017141827.1| PREDICTED: uncharacterized protein LOC108155502 isoform X1
>gi|1037071659|ref|XP_017142629.1| PREDICTED: protein-L-isoaspartate(D-aspartate) O-methyltran
>gi|1037071581|ref|XP_017142623.1| PREDICTED: DNA cross-link repair 1A protein [Drosophila mire
>gi|1037071594|ref|XP_017142624.1| PREDICTED: phosphatidylinositol 4-kinase type 2-beta isoform
>gi|1037071607|ref|XP_017142625.1| PREDICTED: phosphatidylinositol 4-kinase type 2-beta isoform
>gi|1037071632|ref|XP_017142627.1| PREDICTED: phosphatidylinositol 4-kinase type 2-alpha isofo
>gi|1037071646|ref|XP_017142628.1| PREDICTED: phosphatidylinositol 4-kinase type 2-beta isoform
>gi|1037071620|ref|XP_017142626.1| PREDICTED: phosphatidylinositol 4-kinase type 2-beta isoform
>gi|1037089775|ref|XP_017143918.1| PREDICTED: uncharacterized protein LOC108156765 [Drosophila
>gi|1037089731|ref|XP_017143915.1| PREDICTED: phospholipid phosphatase 5 isoform X1 [Drosophile
>gi|1037089747|ref|XP_017143916.1| PREDICTED: phospholipid phosphatase 5 isoform X2 [Drosophile
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>gi|1037089761|ref|XP_017143917.1| PREDICTED: RNA-binding protein 42 [Drosophila miranda]
>gi|1037101065|ref|XP_017144846.1| PREDICTED: GTP-binding protein Rheb homolog [Drosophila mire
>gi|1037098227|ref|XP_017144594.1| PREDICTED: succinate-semialdehyde dehydrogenase [NADP(+)] G
>gi|1037049406|ref|XP_017141116.1| PREDICTED: nuclear protein localization protein 4 homolog is
>gi|1037049422|ref|XP_017141117.1| PREDICTED: nuclear protein localization protein 4 homolog is
>gi|1037049388|ref|XP_017141115.1| PREDICTED: nuclear protein localization protein 4 homolog is
>gi|1037049440|ref|XP 017141118.1| PREDICTED: uncharacterized protein LOC108155052 isoform X1
>gi|1037049472|ref|XP_017141121.1| PREDICTED: uncharacterized protein LOC108155052 isoform X3
>gi|1037049456|ref|XP_017141119.1| PREDICTED: uncharacterized protein LOC108155052 isoform X2
>gi|1037049632|ref|XP_017141131.1| PREDICTED: putative uncharacterized protein DDB_G0274435 [Di
>gi|1037049614|ref|XP_017141130.1| PREDICTED: uncharacterized protein LOC108155056 isoform X2
>gi|1037049582|ref|XP_017141128.1| PREDICTED: uncharacterized protein LOC108155056 isoform X1
>gi|1037049598|ref|XP_017141129.1| PREDICTED: uncharacterized protein LOC108155056 isoform X1
>gi|1037049534|ref|XP_017141125.1| PREDICTED: protein gar2 isoform X3 [Drosophila miranda]
>gi|1037049520|ref|XP_017141124.1| PREDICTED: CUGBP Elav-like family member 2 isoform X2 [Drose
>gi|1037049488|ref|XP_017141122.1| PREDICTED: CUGBP Elav-like family member 2 isoform X1 [Dros
>gi|1037049504|ref|XP_017141123.1| PREDICTED: CUGBP Elav-like family member 2 isoform X1 [Dros
>gi|1037049550|ref|XP 017141126.1| PREDICTED: lipoprotein lipase [Drosophila miranda]
>gi|1037049566|ref|XP_017141127.1| PREDICTED: uncharacterized protein LOC108155055 [Drosophila
>gi|1037104163|ref|XP 017145175.1| PREDICTED: protein regulator of cytokinesis 1-like isoform
>gi|1037104171|ref|XP_017145176.1| PREDICTED: protein regulator of cytokinesis 1-like isoform
>gi|1037104176|ref|XP 017145177.1| PREDICTED: NEDD8 ultimate buster 1 [Drosophila miranda]
>gi|1037036570|ref|XP_017140276.1| PREDICTED: uncharacterized protein LOC108154486 [Drosophila
>gi|1037100542|ref|XP_017144792.1| PREDICTED: fatty-acid amide hydrolase 2 [Drosophila miranda
>gi|1037079511|ref|XP_017143164.1| PREDICTED: dihydroxyacetone phosphate acyltransferase [Dros
>gi|1037079524|ref|XP_017143165.1| PREDICTED: putative GTP-binding protein 6 [Drosophila miran
>gi|1037079538|ref|XP_017143166.1| PREDICTED: transmembrane protein 141 [Drosophila miranda]
>gi|1037075515|ref|XP_017142896.1| PREDICTED: zinc finger protein 436 [Drosophila miranda]
>gi|1037075498|ref|XP_017142895.1| PREDICTED: MAU2 chromatid cohesion factor homolog [Drosophi
>gi|1037075531|ref|XP_017142897.1| PREDICTED: serpin B3 [Drosophila miranda]
>gi|1037075545|ref|XP 017142898.1| PREDICTED: serpin B3 [Drosophila miranda]
>gi|1037079498|ref|XP_017143163.1| PREDICTED: transmembrane protein 165 isoform X2 [Drosophila
>gi|1037079470|ref|XP 017143161.1| PREDICTED: transmembrane protein 165 isoform X1 [Drosophila
>gi|1037079482|ref|XP_017143162.1| PREDICTED: transmembrane protein 165 isoform X1 [Drosophila
>gi|1037079456|ref|XP 017143160.1| PREDICTED: E3 ubiquitin-protein ligase RNF123 [Drosophila m
>gi|1037032776|ref|XP_017140058.1| PREDICTED: soluble guanylate cyclase 88E [Drosophila mirand
>gi|1037099815|ref|XP 017144735.1| PREDICTED: uncharacterized protein LOC108157264 isoform X2
>gi|1037099839|ref|XP_017144737.1| PREDICTED: uncharacterized protein LOC108157264 isoform X4
>gi|1037099803|ref|XP_017144734.1| PREDICTED: uncharacterized protein LOC108157264 isoform X1
>gi|1037099827|ref|XP_017144736.1| PREDICTED: uncharacterized protein LOC108157264 isoform X3
>gi|1037099851|ref|XP_017144738.1| PREDICTED: uncharacterized protein LOC108157264 isoform X5
>gi|1037099861|ref|XP_017144740.1| PREDICTED: uncharacterized protein LOC108157264 isoform X6
>gi|1037099872|ref|XP_017144741.1| PREDICTED: uncharacterized protein LOC108157264 isoform X7
>gi|1037099882|ref|XP_017144742.1| PREDICTED: uncharacterized protein LOC108157264 isoform X8
>gi|1037088541|ref|XP_017143821.1| PREDICTED: glycogen [starch] synthase isoform X1 [Drosophile
>gi|1037088555|ref|XP_017143822.1| PREDICTED: glycogen [starch] synthase isoform X2 [Drosophile
>gi|1037088569|ref|XP_017143823.1| PREDICTED: uncharacterized protein LOC108156690 [Drosophila
>gi|1037105433|ref|XP_017145357.1| PREDICTED: vegetative cell wall protein gp1 [Drosophila mire
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>gi|1037105438|ref|XP_017145359.1| PREDICTED: uncharacterized protein LOC108157700 [Drosophila
>gi|1037092051|ref|XP_017144094.1| PREDICTED: uncharacterized protein LOC108156877 [Drosophila
>gi|1037092064|ref|XP_017144095.1| PREDICTED: uncharacterized protein LOC108156877 [Drosophila
>gi|1037092078|ref|XP_017144096.1| PREDICTED: uncharacterized protein LOC108156877 [Drosophila
>gi|1037089359|ref|XP 017143885.1| PREDICTED: protein fem-1 homolog CG6966 [Drosophila miranda
>gi|1037023281|ref|XP_017139476.1| PREDICTED: low choriolytic enzyme [Drosophila miranda]
>gi|1037104354|ref|XP 017145202.1| PREDICTED: uncharacterized protein LOC108157589 isoform X1
>gi|1037104362|ref|XP_017145203.1| PREDICTED: uncharacterized protein LOC108157589 isoform X1
>gi|1037104372|ref|XP_017145205.1| PREDICTED: uncharacterized protein LOC108157589 isoform X2
>gi|1037037786|ref|XP_017140347.1| PREDICTED: uncharacterized protein LOC108154555 [Drosophila
>gi|1037106727|ref|XP_017145536.1| PREDICTED: uncharacterized protein LOC108157843 isoform X2
>gi|1037106719|ref|XP_017145535.1| PREDICTED: uncharacterized protein LOC108157843 isoform X1
>gi|1037104554|ref|XP_017145230.1| PREDICTED: uncharacterized protein LOC108157612 [Drosophila
>gi|1037104547|ref|XP_017145229.1| PREDICTED: general transcription factor IIF subunit 1-like
>gi|1037092373|ref|XP_017144114.1| PREDICTED: insulin-like peptide receptor [Drosophila mirand
>gi|1037037208|ref|XP_017140312.1| PREDICTED: luciferin 4-monooxygenase-like [Drosophila mirane
>gi|1037023299|ref|XP_017139477.1| PREDICTED: succinate-semialdehyde dehydrogenase [NADP(+)] G
>gi|1037072161|ref|XP_017142662.1| PREDICTED: V-type proton ATPase 21 kDa proteolipid subunit
>gi|1037072177|ref|XP_017142663.1| PREDICTED: V-type proton ATPase 21 kDa proteolipid subunit
>gi|1037072116|ref|XP 017142658.1| PREDICTED: 40S ribosomal protein S5b [Drosophila miranda]
>gi|1037072131|ref|XP_017142660.1| PREDICTED: V-type proton ATPase 21 kDa proteolipid subunit
>gi|1037072147|ref|XP 017142661.1| PREDICTED: V-type proton ATPase 21 kDa proteolipid subunit
>gi|1037072068|ref|XP_017142655.1| PREDICTED: RRP15-like protein [Drosophila miranda]
>gi|1037072100|ref|XP_017142657.1| PREDICTED: UPF0568 protein C14orf166 homolog [Drosophila mi
>gi|1037072191|ref|XP_017142664.1| PREDICTED: uncharacterized protein LOC108155984 [Drosophila
>gi|1037072052|ref|XP_017142654.1| PREDICTED: nudC domain-containing protein 3 [Drosophila mire
>gi|1037072084|ref|XP_017142656.1| PREDICTED: nurim homolog [Drosophila miranda]
>gi|1037090445|ref|XP_017143974.1| PREDICTED: eukaryotic translation initiation factor 1A, X-ci
>gi|1037090459|ref|XP_017143975.1| PREDICTED: eukaryotic translation initiation factor 1A, X-ci
>gi|1037090473|ref|XP_017143977.1| PREDICTED: eukaryotic translation initiation factor 1A, X-ci
>gi|1037090486|ref|XP_017143978.1| PREDICTED: eukaryotic translation initiation factor 1A, X-ci
>gi|1037090431|ref|XP_017143973.1| PREDICTED: transmembrane protease serine 9 [Drosophila mirated
>gi|1037090500|ref|XP 017143979.1| PREDICTED: uncharacterized protein LOC108156803 [Drosophila
>gi|1037087703|ref|XP_017143756.1| PREDICTED: WD repeat-containing protein 3 [Drosophila miran-
>gi|1037087717|ref|XP 017143757.1| PREDICTED: peptidyl-prolyl cis-trans isomerase FKBP2 [Droso
>gi|1037068919|ref|XP_017142440.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1037068935|ref|XP 017142441.1| PREDICTED: putative elongator complex protein 1 [Drosophila
>gi|1037064004|ref|XP_017142117.1| PREDICTED: uncharacterized protein LOC108155665 [Drosophila
>gi|1037063989|ref|XP_017142116.1| PREDICTED: nuclear pore complex protein Nup214 isoform X2 [
>gi|1037063961|ref|XP_017142113.1| PREDICTED: nuclear pore complex protein Nup214 isoform X1 [
>gi|1037063974|ref|XP_017142114.1| PREDICTED: nuclear pore complex protein Nup214 isoform X1 [
>gi|1037040551|ref|XP_017140528.1| PREDICTED: zinc finger protein 10 [Drosophila miranda]
>gi|1037040624|ref|XP_017140533.1| PREDICTED: gastrula zinc finger protein XlCGF17.1 isoform X
>gi|1037040638|ref|XP_017140534.1| PREDICTED: zinc finger protein 211 isoform X2 [Drosophila m
>gi|1037040539|ref|XP_017140526.1| PREDICTED: transcription factor Ouib-like [Drosophila miran-
>gi|1037040597|ref|XP_017140531.1| PREDICTED: transcription factor Ouib-like [Drosophila miran
>gi|1037040565|ref|XP_017140529.1| PREDICTED: zinc finger protein 20 [Drosophila miranda]
>gi|1037040382|ref|XP_017140514.1| PREDICTED: zinc finger protein 229 [Drosophila miranda]
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>gi|1037040654|ref|XP_017140535.1| PREDICTED: zinc finger protein 648-like [Drosophila miranda]
>gi|1037040446|ref|XP_017140520.1| PREDICTED: transcription factor Ouib-like isoform X5 [Droso
>gi|1037040430|ref|XP_017140519.1| PREDICTED: transcription factor Ouib-like isoform X4 [Droso
>gi|1037040470|ref|XP_017140521.1| PREDICTED: transcription factor Ouib-like isoform X6 [Droso
>gi|1037040485|ref|XP 017140522.1| PREDICTED: transcription factor Ouib-like isoform X6 [Droso
>gi|1037040497|ref|XP_017140523.1| PREDICTED: transcription factor Ouib-like isoform X7 [Droso
>gi|1037040400|ref|XP 017140515.1| PREDICTED: transcription factor Ouib-like isoform X1 [Droso
>gi|1037040420|ref|XP_017140518.1| PREDICTED: transcription factor Ouib-like isoform X3 [Droso
>gi|1037040410|ref|XP_017140516.1| PREDICTED: transcription factor Ouib-like isoform X2 [Droso
>gi|1037040581|ref|XP_017140530.1| PREDICTED: transcription factor Ouib-like [Drosophila miran-
>gi|1037040666|ref|XP_017140536.1| PREDICTED: protein RER1 [Drosophila miranda]
>gi|1037040608|ref|XP_017140532.1| PREDICTED: 3-ketodihydrosphingosine reductase [Drosophila m
>gi|1037040680|ref|XP_017140537.1| PREDICTED: peptidyl-prolyl cis-trans isomerase NIMA-interac
>gi|1037040346|ref|XP_017140512.1| PREDICTED: probable glutamine--tRNA ligase [Drosophila mirated]
>gi|1037040362|ref|XP_017140513.1| PREDICTED: serine/threonine-protein kinase RIO2 [Drosophila
>gi|1037040527|ref|XP_017140525.1| PREDICTED: uncharacterized protein LOC108154688 [Drosophila
>gi|1037040511|ref|XP_017140524.1| PREDICTED: uncharacterized protein LOC108154687 [Drosophila
>gi|1037104456|ref|XP_017145216.1| PREDICTED: uncharacterized protein LOC108157599 [Drosophila
>gi|1037102846|ref|XP_017145017.1| PREDICTED: uncharacterized protein LOC108157456 [Drosophila
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>gi|1037092892|ref|XP 017144149.1| PREDICTED: uncharacterized protein LOC108156912 [Drosophila
>gi|1037092878|ref|XP_017144148.1| PREDICTED: uncharacterized protein LOC108156910 [Drosophila
>gi|1037106153|ref|XP_017145457.1| PREDICTED: uncharacterized protein LOC108157778 [Drosophila
>gi|1037106205|ref|XP_017145465.1| PREDICTED: uncharacterized protein LOC108157786 [Drosophila
>gi|1037105460|ref|XP_017145362.1| PREDICTED: uncharacterized protein LOC108157702 [Drosophila
>gi|1037032813|ref|XP_017140061.1| PREDICTED: uncharacterized protein LOC108154314 isoform X1
>gi|1037032831|ref|XP_017140062.1| PREDICTED: uncharacterized protein LOC108154314 isoform X2
>gi|1037104324|ref|XP_017145198.1| PREDICTED: uncharacterized protein LOC108157585 [Drosophila
>gi|1037104332|ref|XP_017145199.1| PREDICTED: uncharacterized protein LOC108157585 [Drosophila
>gi|1037033108|ref|XP_017140079.1| PREDICTED: uncharacterized protein LOC108154328 [Drosophila
>gi|1037106774|ref|XP_017145543.1| PREDICTED: uncharacterized protein LOC108157850 [Drosophila
>gi|1037106087|ref|XP_017145448.1| PREDICTED: uncharacterized protein LOC108157774 [Drosophila
>gi|1037106095|ref|XP_017145449.1| PREDICTED: uncharacterized protein LOC108157774 [Drosophila
>gi|1037106103|ref|XP 017145451.1| PREDICTED: uncharacterized protein LOC108157774 [Drosophila
>gi|1037106111|ref|XP_017145452.1| PREDICTED: uncharacterized protein LOC108157774 [Drosophila
>gi|1037023315|ref|XP_017139478.1| PREDICTED: uncharacterized protein LOC108153890 [Drosophila
>gi|1037032314|ref|XP_017140029.1| PREDICTED: uncharacterized protein LOC108154289 [Drosophila
>gi|1037032484|ref|XP_017140040.1| PREDICTED: uncharacterized protein LOC108154298 [Drosophila
>gi|1037093392|ref|XP_017144185.1| PREDICTED: uncharacterized protein LOC108156935 [Drosophila
>gi|1037093406|ref|XP_017144186.1| PREDICTED: uncharacterized protein LOC108156936 [Drosophila
>gi|1037093379|ref|XP_017144183.1| PREDICTED: zinc finger protein 62 homolog [Drosophila mirane
>gi|1037086961|ref|XP_017143730.1| PREDICTED: zinc finger protein 91 [Drosophila miranda]
>gi|1037079058|ref|XP_017143144.1| PREDICTED: TATA-binding protein-associated factor 172 [Dros
>gi|1037058017|ref|XP_017141701.1| PREDICTED: SWI/SNF complex subunit SMARCC1 [Drosophila mirated
>gi|1037058031|ref|XP_017141702.1| PREDICTED: retinoblastoma family protein [Drosophila mirand
>gi|1037058106|ref|XP_017141708.1| PREDICTED: uncharacterized protein LOC108155419 [Drosophila
>gi|1037058077|ref|XP_017141707.1| PREDICTED: zinc finger CCHC domain-containing protein 10 [Di
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>gi|1037058047|ref|XP_017141703.1| PREDICTED: uncharacterized protein LOC108155417 [Drosophila
>gi|1037058063|ref|XP_017141704.1| PREDICTED: uncharacterized protein LOC108155417 [Drosophila
>gi|1037061293|ref|XP 017141932.1| PREDICTED: synapse-associated protein of 47 kDa isoform X9
>gi|1037061279|ref|XP_017141931.1| PREDICTED: synapse-associated protein of 47 kDa isoform X8
>gi|1037061264|ref|XP 017141930.1| PREDICTED: synapse-associated protein of 47 kDa isoform X7
>gi|1037061186|ref|XP_017141924.1| PREDICTED: synapse-associated protein of 47 kDa isoform X2
>gi|1037061202|ref|XP 017141925.1| PREDICTED: synapse-associated protein of 47 kDa isoform X3
>gi|1037061216|ref|XP_017141926.1| PREDICTED: synapse-associated protein of 47 kDa isoform X4
>gi|1037061155|ref|XP_017141922.1| PREDICTED: synapse-associated protein of 47 kDa isoform X1
>gi|1037061170|ref|XP_017141923.1| PREDICTED: synapse-associated protein of 47 kDa isoform X1
>gi|1037061309|ref|XP_017141933.1| PREDICTED: synapse-associated protein of 47 kDa isoform X10
>gi|1037061248|ref|XP 017141929.1| PREDICTED: synapse-associated protein of 47 kDa isoform X6
>gi|1037061232|ref|XP_017141928.1| PREDICTED: synapse-associated protein of 47 kDa isoform X5
>gi|1037061325|ref|XP_017141934.1| PREDICTED: synapse-associated protein of 47 kDa isoform X11
>gi|1037061371|ref|XP_017141935.1| PREDICTED: synapse-associated protein of 47 kDa isoform X12
>gi|1037061414|ref|XP_017141937.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1037061398|ref|XP_017141936.1| PREDICTED: uncharacterized protein LOC108155556 [Drosophila
>gi|1037061137|ref|XP_017141921.1| PREDICTED: F-box/LRR-repeat protein 7 [Drosophila miranda]
>gi|1037061430|ref|XP_017141938.1| PREDICTED: PI-actitoxin-Afv2a [Drosophila miranda]
>gi|1037095049|ref|XP 017144307.1| PREDICTED: uncharacterized protein LOC108157013 isoform X3
>gi|1037095033|ref|XP_017144306.1| PREDICTED: serologically defined colon cancer antigen 8 home
>gi|1037095019|ref|XP 017144305.1| PREDICTED: serologically defined colon cancer antigen 8 home
>gi|1037095063|ref|XP_017144308.1| PREDICTED: poly(U)-specific endoribonuclease homolog [Droso
>gi|1037097697|ref|XP_017144540.1| PREDICTED: globin CTT-VI [Drosophila miranda]
>gi|1037097711|ref|XP_017144541.1| PREDICTED: globin CTT-VI [Drosophila miranda]
>gi|1037097836|ref|XP_017144554.1| PREDICTED: atrial natriuretic peptide receptor 3 [Drosophile
>gi|1037097823|ref|XP_017144553.1| PREDICTED: atrial natriuretic peptide receptor 1 [Drosophile
>gi|1037097846|ref|XP_017144555.1| PREDICTED: uncharacterized protein LOC108157157 [Drosophila
>gi|1037052769|ref|XP_017141348.1| PREDICTED: ATP-binding cassette sub-family B member 6, mito-
>gi|1037052797|ref|XP_017141349.1| PREDICTED: ATP-binding cassette sub-family B member 6, mito-
>gi|1037052737|ref|XP_017141346.1| PREDICTED: uncharacterized protein LOC108155186 [Drosophila
>gi|1037052813|ref|XP_017141350.1| PREDICTED: arginine kinase [Drosophila miranda]
>gi|1037052753|ref|XP 017141347.1| PREDICTED: probable ATP-dependent RNA helicase spindle-E [Di
>gi|1037052827|ref|XP_017141351.1| PREDICTED: uncharacterized protein LOC108155191 [Drosophila
>gi|1037069046|ref|XP 017142449.1| PREDICTED: NADH-quinone oxidoreductase subunit I [Drosophile
>gi|1037068998|ref|XP_017142446.1| PREDICTED: structure-specific endonuclease subunit SLX1 home
>gi|1037069012|ref|XP 017142447.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037069028|ref|XP_017142448.1| PREDICTED: actin-related protein 2/3 complex subunit 3 [Dros
>gi|1037068966|ref|XP_017142443.1| PREDICTED: uncharacterized protein LOC108155844 isoform X1
>gi|1037068982|ref|XP_017142445.1| PREDICTED: uncharacterized protein LOC108155844 isoform X2
>gi|1037092846|ref|XP_017144146.1| PREDICTED: micronuclear linker histone polyprotein [Drosoph
>gi|1037103905|ref|XP_017145143.1| PREDICTED: 5-hydroxytryptamine receptor 2B [Drosophila mirates
>gi|1037103913|ref|XP 017145144.1| PREDICTED: uncharacterized protein LOC108157551 [Drosophila
>gi|1037104673|ref|XP_017145246.1| PREDICTED: uncharacterized protein LOC108157621 [Drosophila
>gi|1037104683|ref|XP_017145247.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1037094620|ref|XP_017144275.1| PREDICTED: pre-mRNA 3'-end-processing factor FIP1 [Drosophi
>gi|1037032619|ref|XP_017140048.1| PREDICTED: nuclear receptor subfamily 2 group E member 1 is
>gi|1037032656|ref|XP_017140050.1| PREDICTED: nuclear receptor subfamily 2 group E member 1 is
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>gi|1037032636|ref|XP_017140049.1| PREDICTED: nuclear receptor subfamily 2 group E member 1 is
>gi|1037088719|ref|XP_017143835.1| PREDICTED: serine/threonine-protein kinase PAK 1 [Drosophile
>gi|1037088737|ref|XP_017143836.1| PREDICTED: serine/threonine-protein kinase PAK 1 [Drosophile
>gi|1037056216|ref|XP_017141578.1| PREDICTED: transcription elongation regulator 1 isoform X2
>gi|1037056203|ref|XP 017141576.1| PREDICTED: transcription elongation regulator 1 isoform X1
>gi|1037056264|ref|XP_017141581.1| PREDICTED: transcription elongation regulator 1 isoform X5
>gi|1037056232|ref|XP_017141579.1| PREDICTED: transcription elongation regulator 1 isoform X3
>gi|1037056248|ref|XP_017141580.1| PREDICTED: transcription elongation regulator 1 isoform X4
>gi|1037056282|ref|XP_017141583.1| PREDICTED: HEAT repeat-containing protein 3 [Drosophila mire
>gi|1037023331|ref|XP_017139479.1| PREDICTED: uncharacterized protein LOC108153891 [Drosophila
>gi|1037056314|ref|XP_017141585.1| PREDICTED: uncharacterized protein LOC108155341 [Drosophila
>gi|1037056298|ref|XP_017141584.1| PREDICTED: general transcription factor IIF subunit 1 [Dros
>gi|1037094390|ref|XP_017144257.1| PREDICTED: E3 ubiquitin-protein ligase RNF13 [Drosophila mi
>gi|1037082465|ref|XP_017143392.1| PREDICTED: transmembrane and coiled-coil domains protein 2
>gi|1037060768|ref|XP_017141896.1| PREDICTED: histone-lysine N-methyltransferase, H3 lysine-79
>gi|1037060786|ref|XP_017141897.1| PREDICTED: histone-lysine N-methyltransferase, H3 lysine-79
>gi|1037089564|ref|XP_017143898.1| PREDICTED: uncharacterized protein LOC108156747 [Drosophila
>gi|1037097097|ref|XP_017144484.1| PREDICTED: zinc finger protein 616 [Drosophila miranda]
>gi|1037103062|ref|XP_017145041.1| PREDICTED: neurochondrin homolog [Drosophila miranda]
>gi|1037102740|ref|XP 017145006.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102780|ref|XP_017145011.1| PREDICTED: uncharacterized protein LOC108157454 isoform X5
>gi|1037102758|ref|XP 017145009.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102802|ref|XP_017145013.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102748|ref|XP_017145008.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102792|ref|XP_017145012.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102768|ref|XP_017145010.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102816|ref|XP_017145014.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102827|ref|XP_017145015.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037036995|ref|XP_017140300.1| PREDICTED: uncharacterized protein LOC108154510 [Drosophila
>gi|1037035889|ref|XP_017140236.1| PREDICTED: uncharacterized protein LOC108154473 isoform X2
>gi|1037035871|ref|XP_017140235.1| PREDICTED: uncharacterized protein LOC108154473 isoform X1
>gi|1037034002|ref|XP_017140131.1| PREDICTED: uncharacterized protein LOC108154378 [Drosophila
>gi|1037100520|ref|XP 017144790.1| PREDICTED: hemicentin-2 [Drosophila miranda]
>gi|1037100500|ref|XP_017144788.1| PREDICTED: probable histone-binding protein Caf1 [Drosophile
>gi|1037100510|ref|XP_017144789.1| PREDICTED: golgin subfamily A member 6-like protein 22 [Drop
>gi|1037100530|ref|XP_017144791.1| PREDICTED: uncharacterized protein LOC108157301 [Drosophila
>gi|1037033766|ref|XP_017140116.1| PREDICTED: uncharacterized protein LOC108154362 [Drosophila
>gi|1037106808|ref|XP_017145549.1| PREDICTED: cytoplasmic dynein 1 light intermediate chain 1-
>gi|1037035613|ref|XP_017140219.1| PREDICTED: Golgi-associated plant pathogenesis-related prote
>gi|1037095800|ref|XP_017144367.1| PREDICTED: flocculation protein FL011-like isoform X1 [Dros
>gi|1037095823|ref|XP_017144369.1| PREDICTED: flocculation protein FL011-like isoform X1 [Drose
>gi|1037095835|ref|XP_017144370.1| PREDICTED: flocculation protein FL011-like isoform X1 [Dros
>gi|1037095846|ref|XP_017144371.1| PREDICTED: flocculation protein FL011-like isoform X1 [Dros
>gi|1037095858|ref|XP_017144372.1| PREDICTED: uncharacterized protein LOC108157054 isoform X2
>gi|1037095870|ref|XP_017144373.1| PREDICTED: uncharacterized protein LOC108157055 [Drosophila
>gi|1037095913|ref|XP_017144374.1| PREDICTED: uncharacterized protein LOC108157056 [Drosophila
>gi|1037092386|ref|XP_017144115.1| PREDICTED: argininosuccinate synthase isoform X1 [Drosophile
>gi|1037092400|ref|XP_017144116.1| PREDICTED: argininosuccinate synthase isoform X2 [Drosophile
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>gi|1037092414|ref|XP_017144117.1| PREDICTED: uncharacterized protein LOC108156891 isoform X3
>gi|1037092430|ref|XP_017144119.1| PREDICTED: speckle targeted PIP5K1A-regulated poly(A) polymetric polymetric
>gi|1037092444|ref|XP_017144120.1| PREDICTED: speckle targeted PIP5K1A-regulated poly(A) polym
>gi|1037092458|ref|XP_017144121.1| PREDICTED: speckle targeted PIP5K1A-regulated poly(A) polym
>gi|1037092472|ref|XP 017144122.1| PREDICTED: speckle targeted PIP5K1A-regulated poly(A) polym
>gi|1037062362|ref|XP_017142003.1| PREDICTED: transcription initiation factor TFIID subunit 1
>gi|1037062378|ref|XP 017142004.1| PREDICTED: transcription initiation factor TFIID subunit 1
>gi|1037062392|ref|XP_017142005.1| PREDICTED: transcription initiation factor TFIID subunit 1
>gi|1037062407|ref|XP_017142006.1| PREDICTED: transcription initiation factor TFIID subunit 1
>gi|1037062455|ref|XP_017142009.1| PREDICTED: probable peptidyl-tRNA hydrolase 2 [Drosophila m
>gi|1037062439|ref|XP_017142008.1| PREDICTED: signal peptidase complex catalytic subunit SEC11.
>gi|1037062423|ref|XP_017142007.1| PREDICTED: regulatory protein ada [Drosophila miranda]
>gi|1037102136|ref|XP_017144945.1| PREDICTED: homeotic protein labial [Drosophila miranda]
>gi|1037023347|ref|XP_017139480.1| PREDICTED: pupal cuticle protein Edg-84A [Drosophila mirand
>gi|1037036635|ref|XP_017140280.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1037023363|ref|XP_017139481.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1037023379|ref|XP_017139483.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1037036695|ref|XP_017140285.1| PREDICTED: larval cuticle protein A3A [Drosophila miranda]
>gi|1037037731|ref|XP_017140344.1| PREDICTED: uncharacterized protein LOC108154552 [Drosophila
>gi|1037038864|ref|XP 017140413.1| PREDICTED: cuticle protein 19.8 [Drosophila miranda]
>gi|1037037065|ref|XP_017140305.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1037034464|ref|XP 017140161.1| PREDICTED: cuticle protein 7-like [Drosophila miranda]
>gi|1037101693|ref|XP_017144899.1| PREDICTED: homeotic protein proboscipedia [Drosophila miran-
>gi|1037101703|ref|XP_017144900.1| PREDICTED: homeotic protein proboscipedia [Drosophila miran
>gi|1037030845|ref|XP_017139943.1| PREDICTED: protein zerknuellt 2 [Drosophila miranda]
>gi|1037030871|ref|XP_017139945.1| PREDICTED: tetratricopeptide repeat protein 12 [Drosophila 1
>gi|1037030973|ref|XP_017139950.1| PREDICTED: protein zerknuellt [Drosophila miranda]
>gi|1037058367|ref|XP_017141727.1| PREDICTED: homeotic protein bicoid isoform X1 [Drosophila m
>gi|1037058383|ref|XP_017141728.1| PREDICTED: homeotic protein bicoid isoform X2 [Drosophila m
>gi|1037058431|ref|XP_017141731.1| PREDICTED: protein amalgam [Drosophila miranda]
>gi|1037058447|ref|XP_017141733.1| PREDICTED: uncharacterized protein LOC108155432 [Drosophila
>gi|1037058354|ref|XP_017141726.1| PREDICTED: homeotic protein deformed [Drosophila miranda]
>gi|1037058399|ref|XP 017141729.1| PREDICTED: homeotic protein Sex combs reduced [Drosophila m
>gi|1037058415|ref|XP_017141730.1| PREDICTED: homeotic protein Sex combs reduced [Drosophila m
>gi|1037101222|ref|XP 017144860.1| PREDICTED: segmentation protein fushi tarazu [Drosophila mi
>gi|1037032569|ref|XP_017140045.1| PREDICTED: uncharacterized protein LOC108154302 [Drosophila
>gi|1037066419|ref|XP_017142270.1| PREDICTED: homeotic protein antennapedia isoform X4 [Drosop
>gi|1037066406|ref|XP_017142269.1| PREDICTED: homeotic protein antennapedia isoform X3 [Drosop
>gi|1037066392|ref|XP_017142268.1| PREDICTED: homeotic protein antennapedia isoform X2 [Drosop
>gi|1037066362|ref|XP_017142266.1| PREDICTED: homeotic protein antennapedia isoform X1 [Drosop
>gi|1037066379|ref|XP_017142267.1| PREDICTED: homeotic protein antennapedia isoform X1 [Drosop
>gi|1037049041|ref|XP_017141091.1| PREDICTED: sorbitol dehydrogenase [Drosophila miranda]
>gi|1037023395|ref|XP_017139484.1| PREDICTED: putative leucine-rich repeat-containing protein
>gi|1037049012|ref|XP_017141089.1| PREDICTED: axoneme-associated protein mst101(2) [Drosophila
>gi|1037049028|ref|XP_017141090.1| PREDICTED: arrestin domain-containing protein 2 [Drosophila
>gi|1037048891|ref|XP_017141080.1| PREDICTED: PAX3- and PAX7-binding protein 1 isoform X1 [Dros
>gi|1037048923|ref|XP_017141082.1| PREDICTED: uncharacterized protein LOC108155030 isoform X3
>gi|1037048907|ref|XP_017141081.1| PREDICTED: PAX3- and PAX7-binding protein 1 isoform X2 [Dros
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>gi|1037048941|ref|XP_017141083.1| PREDICTED: E3 UFM1-protein ligase 1 homolog [Drosophila mire
>gi|1037048980|ref|XP_017141087.1| PREDICTED: TBC1 domain family member 22B [Drosophila mirand
>gi|1037048956|ref|XP_017141084.1| PREDICTED: exocyst complex component 6 [Drosophila miranda]
>gi|1037048996|ref|XP_017141088.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1037064384|ref|XP 017142142.1| PREDICTED: ras-related protein Rab-11A [Drosophila miranda]
>gi|1037064350|ref|XP_017142140.1| PREDICTED: protein Peter pan [Drosophila miranda]
>gi|1037064366|ref|XP 017142141.1| PREDICTED: peptidyl-prolyl cis-trans isomerase D [Drosophile
>gi|1037064334|ref|XP_017142138.1| PREDICTED: F-box/WD repeat-containing protein 11 [Drosophile
>gi|1037085749|ref|XP_017143636.1| PREDICTED: acylpyruvase FAHD1, mitochondrial [Drosophila mi
>gi|1037085763|ref|XP_017143637.1| PREDICTED: uncharacterized protein LOC108156606 isoform X1
>gi|1037085777|ref|XP_017143638.1| PREDICTED: uncharacterized protein LOC108156606 isoform X2
>gi|1037085721|ref|XP_017143634.1| PREDICTED: 14-3-3 protein epsilon isoform X1 [Drosophila mi
>gi|1037085735|ref|XP_017143635.1| PREDICTED: 14-3-3 protein epsilon isoform X2 [Drosophila mi
>gi|1037061552|ref|XP_017141947.1| PREDICTED: uncharacterized protein LOC108155565 [Drosophila
>gi|1037061522|ref|XP_017141945.1| PREDICTED: protein AAR2 homolog [Drosophila miranda]
>gi|1037061478|ref|XP_017141942.1| PREDICTED: DNA-directed RNA polymerase II 16 kDa polypeptid
>gi|1037061462|ref|XP_017141941.1| PREDICTED: transcriptional adapter 2A isoform X1 [Drosophile
>gi|1037061542|ref|XP_017141946.1| PREDICTED: uncharacterized protein LOC108155564 [Drosophila
>gi|1037061492|ref|XP_017141943.1| PREDICTED: trimethylguanosine synthase [Drosophila miranda]
>gi|1037061506|ref|XP 017141944.1| PREDICTED: homeobox protein MOX-2 [Drosophila miranda]
>gi|1037061446|ref|XP_017141940.1| PREDICTED: vam6/Vps39-like protein [Drosophila miranda]
>gi|1037090890|ref|XP 017144008.1| PREDICTED: signal peptide peptidase-like 3 isoform X1 [Dros
>gi|1037090903|ref|XP_017144009.1| PREDICTED: signal peptide peptidase-like 3 isoform X2 [Dros
>gi|1037091459|ref|XP_017144051.1| PREDICTED: SH2B adapter protein 1 isoform X1 [Drosophila mi
>gi|1037091473|ref|XP_017144052.1| PREDICTED: SH2B adapter protein 1 isoform X1 [Drosophila mi
>gi|1037091487|ref|XP_017144053.1| PREDICTED: SH2B adapter protein 1 isoform X2 [Drosophila mi
>gi|1037091501|ref|XP_017144054.1| PREDICTED: SH2B adapter protein 1 isoform X3 [Drosophila mi
>gi|1037100115|ref|XP_017144753.1| PREDICTED: protein FAM98B [Drosophila miranda]
>gi|1037023411|ref|XP_017139485.1| PREDICTED: superoxide dismutase [Cu-Zn], chloroplastic [Dros
>gi|1037037083|ref|XP_017140306.1| PREDICTED: laccase [Drosophila miranda]
>gi|1037106636|ref|XP_017145524.1| PREDICTED: lipase 3 [Drosophila miranda]
>gi|1037032936|ref|XP_017140068.1| PREDICTED: lipase 3 [Drosophila miranda]
>gi|1037033784|ref|XP_017140117.1| PREDICTED: lipase 3-like [Drosophila miranda]
>gi|1037100802|ref|XP_017144819.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
>gi|1037100772|ref|XP 017144816.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
>gi|1037100822|ref|XP_017144821.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
>gi|1037100812|ref|XP_017144820.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
>gi|1037100792|ref|XP_017144818.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
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>gi|1037104707|ref|XP_017145251.1| PREDICTED: uncharacterized protein LOC108157625 [Drosophila
>gi|1037104713|ref|XP_017145252.1| PREDICTED: uncharacterized protein LOC108157626 isoform X1
>gi|1037104721|ref|XP_017145253.1| PREDICTED: uncharacterized protein LOC108157626 isoform X2
>gi|1037032585|ref|XP_017140046.1| PREDICTED: cardioacceleratory peptide receptor [Drosophila |
>gi|1037105484|ref|XP_017145365.1| PREDICTED: lateral signaling target protein 2 homolog [Dros
>gi|1037103023|ref|XP_017145037.1| PREDICTED: LOW QUALITY PROTEIN: protein bride of sevenless
>gi|1037105332|ref|XP_017145342.1| PREDICTED: uncharacterized protein LOC108157686 [Drosophila
>gi|1037063070|ref|XP_017142052.1| PREDICTED: neurofibromin isoform X3 [Drosophila miranda]
>gi|1037063036|ref|XP_017142049.1| PREDICTED: neurofibromin isoform X1 [Drosophila miranda]
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>gi|1037063052|ref|XP_017142051.1| PREDICTED: neurofibromin isoform X2 [Drosophila miranda]
>gi|1037104380|ref|XP_017145206.1| PREDICTED: enhancer of split mdelta protein [Drosophila mire
>gi|1037104584|ref|XP_017145234.1| PREDICTED: enhancer of split mgamma protein [Drosophila mire
>gi|1037103882|ref|XP_017145140.1| PREDICTED: enhancer of split mbeta protein [Drosophila mirated]
>gi|1037031455|ref|XP 017139981.1| PREDICTED: enhancer of split malpha protein [Drosophila mire
>gi|1037032348|ref|XP_017140030.1| PREDICTED: enhancer of split M1 protein [Drosophila miranda]
>gi|1037031528|ref|XP 017139986.1| PREDICTED: enhancer of split M2 protein [Drosophila miranda]
>gi|1037104850|ref|XP_017145272.1| PREDICTED: enhancer of split m3 protein [Drosophila miranda]
>gi|1037031418|ref|XP_017139979.1| PREDICTED: enhancer of split m4 protein [Drosophila miranda]
>gi|1037030924|ref|XP_017139948.1| PREDICTED: enhancer of split m5 protein [Drosophila miranda]
>gi|1037031475|ref|XP_017139982.1| PREDICTED: enhancer of split m6 protein [Drosophila miranda]
>gi|1037103953|ref|XP_017145149.1| PREDICTED: enhancer of split m7 protein [Drosophila miranda]
>gi|1037103403|ref|XP_017145078.1| PREDICTED: enhancer of split m8 protein [Drosophila miranda]
>gi|1037103385|ref|XP_017145077.1| PREDICTED: actin-binding protein IPP-like [Drosophila mirane
>gi|1037049648|ref|XP_017141132.1| PREDICTED: protein groucho isoform X1 [Drosophila miranda]
>gi|1037049664|ref|XP_017141133.1| PREDICTED: protein groucho isoform X1 [Drosophila miranda]
>gi|1037049680|ref|XP_017141134.1| PREDICTED: protein groucho isoform X1 [Drosophila miranda]
>gi|1037049696|ref|XP_017141135.1| PREDICTED: protein groucho isoform X2 [Drosophila miranda]
>gi|1037049713|ref|XP_017141136.1| PREDICTED: exocyst complex component 8 [Drosophila miranda]
>gi|1037049747|ref|XP 017141138.1| PREDICTED: charged multivesicular body protein 2a [Drosophi
>gi|1037049779|ref|XP 017141141.1| PREDICTED: UMP-CMP kinase [Drosophila miranda]
>gi|1037049794|ref|XP 017141142.1| PREDICTED: DNA replication complex GINS protein SLD5 [Droso
>gi|1037049810|ref|XP_017141143.1| PREDICTED: pre-rRNA-processing protein TSR2 homolog [Drosop
>gi|1037049860|ref|XP_017141146.1| PREDICTED: phosphatidylinositol N-acetylglucosaminyltransfer
>gi|1037049844|ref|XP_017141145.1| PREDICTED: uncharacterized protein LOC108155069 [Drosophila
>gi|1037049828|ref|XP_017141144.1| PREDICTED: 60S ribosomal protein L34 [Drosophila miranda]
>gi|1037049729|ref|XP_017141137.1| PREDICTED: tRNA (adenine(58)-N(1))-methyltransferase cataly
>gi|1037049763|ref|XP_017141139.1| PREDICTED: uncharacterized protein LOC108155064 [Drosophila
>gi|1037104120|ref|XP_017145170.1| PREDICTED: neuronal PAS domain-containing protein 4 [Drosop
>gi|1037102894|ref|XP_017145022.1| PREDICTED: uncharacterized protein LOC108157460 isoform X2
>gi|1037102885|ref|XP_017145021.1| PREDICTED: uncharacterized protein LOC108157460 isoform X1
>gi|1037102876|ref|XP_017145020.1| PREDICTED: uncharacterized protein LOC108157459 [Drosophila
>gi|1037106644|ref|XP 017145525.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1037106540|ref|XP_017145511.1| PREDICTED: GPI ethanolamine phosphate transferase 1-like [Di
>gi|1037106657|ref|XP 017145527.1| PREDICTED: suppressor protein SRP40-like isoform X2 [Drosop
>gi|1037106650|ref|XP_017145526.1| PREDICTED: clumping factor A-like isoform X1 [Drosophila mi
>gi|1037085656|ref|XP 017143631.1| PREDICTED: uncharacterized protein LOC108156599 [Drosophila
>gi|1037085600|ref|XP_017143627.1| PREDICTED: uncharacterized protein LOC108156597 [Drosophila
>gi|1037085614|ref|XP_017143628.1| PREDICTED: uncharacterized protein LOC108156597 [Drosophila
>gi|1037085628|ref|XP_017143629.1| PREDICTED: uncharacterized protein LOC108156597 [Drosophila
>gi|1037085642|ref|XP_017143630.1| PREDICTED: uncharacterized protein LOC108156597 [Drosophila
>gi|1037085670|ref|XP_017143632.1| PREDICTED: natterin-3 [Drosophila miranda]
>gi|1037085573|ref|XP 017143626.1| PREDICTED: protein HGH1 homolog [Drosophila miranda]
>gi|1037038365|ref|XP_017140382.1| PREDICTED: LOW QUALITY PROTEIN: proteasome subunit beta type
>gi|1037033508|ref|XP_017140101.1| PREDICTED: neurotrypsin-like [Drosophila miranda]
>gi|1037101313|ref|XP_017144867.1| PREDICTED: uncharacterized protein LOC108157356 [Drosophila
>gi|1037037714|ref|XP_017140343.1| PREDICTED: uncharacterized protein LOC108154551 [Drosophila
>gi|1037023427|ref|XP_017139486.1| PREDICTED: uncharacterized protein LOC108153899 [Drosophila
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>gi|1037083391|ref|XP_017143460.1| PREDICTED: proteasome subunit beta type-7-like [Drosophila n
>gi|1037083375|ref|XP_017143459.1| PREDICTED: fructose-bisphosphate aldolase isoform X3 [Droso
>gi|1037083333|ref|XP_017143456.1| PREDICTED: fructose-bisphosphate aldolase isoform X1 [Droso
>gi|1037083363|ref|XP_017143458.1| PREDICTED: fructose-bisphosphate aldolase isoform X1 [Droso
>gi|1037083349|ref|XP 017143457.1| PREDICTED: fructose-bisphosphate aldolase isoform X2 [Droso
>gi|1037083319|ref|XP_017143455.1| PREDICTED: dipeptidase 1 [Drosophila miranda]
>gi|1037098293|ref|XP 017144601.1| PREDICTED: ABC transporter G family member 20 [Drosophila m
>gi|1037023441|ref|XP_017139487.1| PREDICTED: uncharacterized protein LOC108153900 [Drosophila
>gi|1037106346|ref|XP_017145483.1| PREDICTED: fructose-bisphosphate aldolase-like [Drosophila 1
>gi|1037036816|ref|XP_017140289.1| PREDICTED: uncharacterized protein LOC108154500 [Drosophila
>gi|1037038333|ref|XP_017140380.1| PREDICTED: uncharacterized protein LOC108154587 [Drosophila
>gi|1037103069|ref|XP_017145042.1| PREDICTED: helix-loop-helix protein delilah [Drosophila mire
>gi|1037033142|ref|XP_017140081.1| PREDICTED: hexokinase type 1 [Drosophila miranda]
>gi|1037106025|ref|XP_017145440.1| PREDICTED: hexokinase type 2 [Drosophila miranda]
>gi|1037043816|ref|XP_017140744.1| PREDICTED: probable uridine-cytidine kinase isoform X1 [Drop
>gi|1037043830|ref|XP_017140745.1| PREDICTED: probable uridine-cytidine kinase isoform X2 [Drop
>gi|1037043784|ref|XP_017140742.1| PREDICTED: zinc metalloproteinase nas-1 isoform X2 [Drosoph
>gi|1037043768|ref|XP_017140741.1| PREDICTED: uncharacterized protein LOC108154836 isoform X1
>gi|1037043800|ref|XP_017140743.1| PREDICTED: uncharacterized protein LOC108154838 [Drosophila
>gi|1037043846|ref|XP 017140746.1| PREDICTED: uncharacterized protein LOC108154840 [Drosophila
>gi|1037043737|ref|XP_017140739.1| PREDICTED: protein crumbs isoform X1 [Drosophila miranda]
>gi|1037043755|ref|XP 017140740.1| PREDICTED: protein crumbs isoform X2 [Drosophila miranda]
>gi|1037044023|ref|XP_017140753.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037043992|ref|XP_017140751.1| PREDICTED: zinc finger CCCH domain-containing protein 14 [Di
>gi|1037044008|ref|XP_017140752.1| PREDICTED: uncharacterized protein LOC108154847 [Drosophila
>gi|1037043950|ref|XP_017140748.1| PREDICTED: bromodomain and WD repeat-containing protein 3 is
>gi|1037043962|ref|XP_017140749.1| PREDICTED: bromodomain and WD repeat-containing protein 3 is
>gi|1037043976|ref|XP_017140750.1| PREDICTED: protein RRP5 homolog [Drosophila miranda]
>gi|1037089702|ref|XP_017143913.1| PREDICTED: exosome complex exonuclease RRP44 [Drosophila mi
>gi|1037105468|ref|XP_017145363.1| PREDICTED: acyl-CoA synthetase short-chain family member 3,
>gi|1037106681|ref|XP_017145530.1| PREDICTED: dromyosuppressin [Drosophila miranda]
>gi|1037064318|ref|XP_017142137.1| PREDICTED: RNA-binding protein FUS isoform X4 [Drosophila m
>gi|1037064288|ref|XP 017142135.1| PREDICTED: RNA-binding protein FUS isoform X2 [Drosophila m
>gi|1037064302|ref|XP_017142136.1| PREDICTED: RNA-binding protein FUS isoform X3 [Drosophila m
>gi|1037064272|ref|XP 017142134.1| PREDICTED: RNA-binding protein FUS isoform X1 [Drosophila m
>gi|1037064210|ref|XP_017142130.1| PREDICTED: C2 domain-containing protein 5 isoform X1 [Droso
>gi|1037064226|ref|XP_017142131.1| PREDICTED: C2 domain-containing protein 5 isoform X2 [Droso
>gi|1037064242|ref|XP_017142132.1| PREDICTED: golgin-84 [Drosophila miranda]
>gi|1037064258|ref|XP_017142133.1| PREDICTED: golgin-84 [Drosophila miranda]
>gi|1037091762|ref|XP_017144074.1| PREDICTED: tRNA modification GTPase GTPBP3, mitochondrial [
>gi|1037091898|ref|XP_017144083.1| PREDICTED: uncharacterized protein LOC108156866 [Drosophila
>gi|1037091794|ref|XP_017144076.1| PREDICTED: uncharacterized protein LOC108156860 isoform X1
>gi|1037091806|ref|XP_017144077.1| PREDICTED: uncharacterized protein LOC108156860 isoform X2
>gi|1037091826|ref|XP_017144078.1| PREDICTED: uncharacterized protein LOC108156861 [Drosophila
>gi|1037091840|ref|XP_017144079.1| PREDICTED: uncharacterized protein LOC108156862 [Drosophila
>gi|1037091856|ref|XP_017144080.1| PREDICTED: uncharacterized protein LOC108156863 [Drosophila
>gi|1037091884|ref|XP_017144082.1| PREDICTED: uncharacterized protein LOC108156865 [Drosophila
>gi|1037091870|ref|XP_017144081.1| PREDICTED: uncharacterized protein LOC108156864 [Drosophila
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>gi|1037091780|ref|XP_017144075.1| PREDICTED: uncharacterized protein LOC108156859 [Drosophila
>gi|1037035853|ref|XP_017140233.1| PREDICTED: uncharacterized protein LOC108154472 [Drosophila
>gi|1037023461|ref|XP_017139488.1| PREDICTED: uncharacterized protein LOC108153901 [Drosophila
>gi|1037035770|ref|XP_017140228.1| PREDICTED: uncharacterized protein LOC108154468 [Drosophila
>gi|1037023479|ref|XP 017139489.1| PREDICTED: uncharacterized protein LOC108153902 [Drosophila
>gi|1037034559|ref|XP_017140167.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037023499|ref|XP 017139490.1| PREDICTED: uncharacterized protein LOC108153904 [Drosophila
>gi|1037023517|ref|XP_017139491.1| PREDICTED: uncharacterized protein LOC108153905 [Drosophila
>gi|1037035700|ref|XP_017140223.1| PREDICTED: uncharacterized protein LOC108154464 [Drosophila
>gi|1037074554|ref|XP_017142830.1| PREDICTED: acetylcholine receptor subunit alpha-like 1 [Dros
>gi|1037074616|ref|XP_017142834.1| PREDICTED: uncharacterized protein LOC108156062 [Drosophila
>gi|1037074632|ref|XP_017142835.1| PREDICTED: uncharacterized protein LOC108156063 [Drosophila
>gi|1037074568|ref|XP_017142831.1| PREDICTED: acetylcholine receptor subunit alpha-like 2 [Dros
>gi|1037074584|ref|XP_017142832.1| PREDICTED: acetylcholine receptor subunit beta-like 2 [Dros
>gi|1037074507|ref|XP_017142826.1| PREDICTED: zinc finger protein DZIP1L isoform X1 [Drosophile
>gi|1037074522|ref|XP_017142827.1| PREDICTED: zinc finger protein DZIP1L isoform X2 [Drosophile
>gi|1037074538|ref|XP_017142828.1| PREDICTED: zinc finger protein DZIP1L isoform X3 [Drosophile
>gi|1037074600|ref|XP 017142833.1| PREDICTED: serine/threonine-protein phosphatase alpha-1 iso
>gi|1037035667|ref|XP_017140222.1| PREDICTED: uncharacterized protein LOC108154461 [Drosophila
>gi|1037105834|ref|XP 017145413.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037097586|ref|XP_017144529.1| PREDICTED: protein phosphatase 1 regulatory subunit 21 [Dros
>gi|1037097597|ref|XP 017144530.1| PREDICTED: iron-sulfur cluster assembly 2 homolog, mitochon
>gi|1037056760|ref|XP_017141613.1| PREDICTED: uncharacterized protein LOC108155362 [Drosophila
>gi|1037056776|ref|XP_017141614.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1037056792|ref|XP_017141615.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1037065176|ref|XP_017142186.1| PREDICTED: proton-associated sugar transporter A isoform X2
>gi|1037065161|ref|XP_017142185.1| PREDICTED: proton-associated sugar transporter A isoform X1
>gi|1037065191|ref|XP_017142188.1| PREDICTED: proton-associated sugar transporter A isoform X3
>gi|1037065250|ref|XP_017142192.1| PREDICTED: uncharacterized protein LOC108155709 isoform X2
>gi|1037065219|ref|XP_017142190.1| PREDICTED: uncharacterized protein LOC108155709 isoform X1
>gi|1037065234|ref|XP_017142191.1| PREDICTED: uncharacterized protein LOC108155709 isoform X1
>gi|1037065206|ref|XP_017142189.1| PREDICTED: survival of motor neuron-related-splicing factor
>gi|1037091596|ref|XP 017144062.1| PREDICTED: synaptosomal-associated protein 25 isoform X2 [Di
>gi|1037091583|ref|XP_017144061.1| PREDICTED: synaptosomal-associated protein 25 isoform X1 [Di
>gi|1037091610|ref|XP 017144063.1| PREDICTED: synaptosomal-associated protein 25 isoform X3 [Di
>gi|1037091637|ref|XP_017144064.1| PREDICTED: synaptosomal-associated protein 25 isoform X4 [Di
>gi|1037092359|ref|XP 017144113.1| PREDICTED: 28S ribosomal protein S5, mitochondrial [Drosoph
>gi|1037045773|ref|XP_017140873.1| PREDICTED: casein kinase II subunit alpha [Drosophila miran-
>gi|1037045791|ref|XP_017140874.1| PREDICTED: casein kinase II subunit alpha [Drosophila miran
>gi|1037045744|ref|XP_017140870.1| PREDICTED: unconventional myosin heavy chain 6 isoform X1 [
>gi|1037045759|ref|XP_017140872.1| PREDICTED: myosin-I heavy chain isoform X2 [Drosophila mirated
>gi|1037094869|ref|XP_017144293.1| PREDICTED: DEAD-box helicase Dbp80 [Drosophila miranda]
>gi|1037023535|ref|XP_017139493.1| PREDICTED: LOW QUALITY PROTEIN: probable E3 ubiquitin-prote
>gi|1037100223|ref|XP_017144763.1| PREDICTED: LOW QUALITY PROTEIN: 60S ribosomal protein L15 [
>gi|1037096957|ref|XP_017144470.1| PREDICTED: uncharacterized protein LOC108157108 [Drosophila
>gi|1037096968|ref|XP_017144472.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1037098733|ref|XP_017144642.1| PREDICTED: uncharacterized protein LOC108157205 [Drosophila
>gi|1037023553|ref|XP_017139494.1| PREDICTED: cholesterol 7-desaturase, partial [Drosophila mi
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>gi|1037089209|ref|XP_017143874.1| PREDICTED: uncharacterized protein LOC108156730 isoform X1
>gi|1037089223|ref|XP_017143875.1| PREDICTED: uncharacterized protein LOC108156730 isoform X2
>gi|1037089195|ref|XP_017143873.1| PREDICTED: vacuolar protein-sorting-associated protein 11 h
>gi|1037074377|ref|XP_017142818.1| PREDICTED: acetylcholine receptor subunit alpha-like isoform
>gi|1037074395|ref|XP 017142819.1| PREDICTED: acetylcholine receptor subunit alpha-like isoform
>gi|1037074411|ref|XP_017142820.1| PREDICTED: acetylcholine receptor subunit alpha-like isoform
>gi|1037074443|ref|XP_017142822.1| PREDICTED: acetylcholine receptor subunit alpha-like isoform
>gi|1037074427|ref|XP_017142821.1| PREDICTED: acetylcholine receptor subunit alpha-like isoform
>gi|1037074459|ref|XP_017142823.1| PREDICTED: acetylcholine receptor subunit alpha-like isoform
>gi|1037074476|ref|XP_017142824.1| PREDICTED: acetylcholine receptor subunit alpha-like isoform
>gi|1037074492|ref|XP_017142825.1| PREDICTED: acetylcholine receptor subunit alpha-like isoform
>gi|1037028462|ref|XP_017139799.1| PREDICTED: synaptic vesicle glycoprotein 2C-like isoform X2
>gi|1037028480|ref|XP_017139801.1| PREDICTED: synaptic vesicle glycoprotein 2C-like isoform X2
>gi|1037028498|ref|XP_017139802.1| PREDICTED: synaptic vesicle glycoprotein 2C-like isoform X2
>gi|1037028444|ref|XP_017139798.1| PREDICTED: synaptic vesicle glycoprotein 2B-like isoform X1
>gi|1037028516|ref|XP_017139803.1| PREDICTED: synaptic vesicle glycoprotein 2B-like isoform X3
>gi|1037028534|ref|XP_017139804.1| PREDICTED: synaptic vesicle glycoprotein 2B-like isoform X4
>gi|1037028676|ref|XP_017139813.1| PREDICTED: protein NATD1 [Drosophila miranda]
>gi|1037028549|ref|XP_017139805.1| PREDICTED: uncharacterized protein LOC108154156 [Drosophila
>gi|1037028567|ref|XP 017139806.1| PREDICTED: uncharacterized protein LOC108154156 [Drosophila
>gi|1037028354|ref|XP_017139793.1| PREDICTED: dnaJ homolog subfamily C member 16 [Drosophila m
>gi|1037028374|ref|XP 017139794.1| PREDICTED: dnaJ homolog subfamily C member 16 [Drosophila m
>gi|1037028392|ref|XP_017139795.1| PREDICTED: dnaJ homolog subfamily C member 16 [Drosophila m
>gi|1037028656|ref|XP_017139811.1| PREDICTED: homeobox protein abdominal-A homolog [Drosophila
>gi|1037028638|ref|XP_017139810.1| PREDICTED: 60S ribosomal protein L10 [Drosophila miranda]
>gi|1037028723|ref|XP_017139815.1| PREDICTED: cytochrome c oxidase subunit NDUFA4 [Drosophila 1
>gi|1037028741|ref|XP_017139816.1| PREDICTED: cytochrome c oxidase subunit NDUFA4 [Drosophila 1
>gi|1037028170|ref|XP_017139779.1| PREDICTED: uncharacterized protein LOC108154148 isoform X2
>gi|1037028150|ref|XP_017139778.1| PREDICTED: proline-, glutamic acid- and leucine-rich protein
>gi|1037028186|ref|XP_017139780.1| PREDICTED: proline-, glutamic acid- and leucine-rich protein
>gi|1037028044|ref|XP_017139772.1| PREDICTED: uncharacterized protein LOC108154146 isoform X3
>gi|1037028028|ref|XP_017139771.1| PREDICTED: uncharacterized protein LOC108154146 isoform X2
>gi|1037028011|ref|XP_017139769.1| PREDICTED: uncharacterized protein LOC108154146 isoform X1
>gi|1037028256|ref|XP_017139784.1| PREDICTED: forkhead box protein P1-like isoform X7 [Drosoph
>gi|1037028062|ref|XP 017139773.1| PREDICTED: aminopeptidase N isoform X1 [Drosophila miranda]
>gi|1037028080|ref|XP_017139774.1| PREDICTED: aminopeptidase N isoform X1 [Drosophila miranda]
>gi|1037028132|ref|XP 017139777.1| PREDICTED: endoplasmic reticulum aminopeptidase 1 isoform X
>gi|1037028274|ref|XP_017139788.1| PREDICTED: forkhead box protein P1-like isoform X8 [Drosoph
>gi|1037028096|ref|XP_017139775.1| PREDICTED: aminopeptidase N isoform X2 [Drosophila miranda]
>gi|1037028114|ref|XP_017139776.1| PREDICTED: aminopeptidase N isoform X2 [Drosophila miranda]
>gi|1037028220|ref|XP_017139782.1| PREDICTED: uncharacterized protein LOC108154148 isoform X5
>gi|1037028204|ref|XP_017139781.1| PREDICTED: forkhead box protein P1-like isoform X4 [Drosoph
>gi|1037028290|ref|XP 017139789.1| PREDICTED: forkhead box protein P1-like isoform X9 [Drosoph
>gi|1037028238|ref|XP_017139783.1| PREDICTED: forkhead box protein P1-like isoform X6 [Drosoph
>gi|1037028308|ref|XP_017139790.1| PREDICTED: uncharacterized protein LOC108154148 isoform X10
>gi|1037028410|ref|XP_017139796.1| PREDICTED: xaa-Pro aminopeptidase 1 [Drosophila miranda]
>gi|1037028692|ref|XP_017139814.1| PREDICTED: uncharacterized protein LOC108154164 [Drosophila
>gi|1037028426|ref|XP_017139797.1| PREDICTED: calreticulin [Drosophila miranda]
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>gi|1037028585|ref|XP_017139807.1| PREDICTED: spermidine synthase [Drosophila miranda]
>gi|1037028620|ref|XP_017139809.1| PREDICTED: pinin isoform X2 [Drosophila miranda]
>gi|1037028602|ref|XP 017139808.1| PREDICTED: pinin isoform X1 [Drosophila miranda]
>gi|1037028324|ref|XP_017139791.1| PREDICTED: hemicentin-1 [Drosophila miranda]
>gi|1037028336|ref|XP 017139792.1| PREDICTED: hemicentin-1 [Drosophila miranda]
>gi|1037053440|ref|XP_017141393.1| PREDICTED: eIF-2-alpha kinase activator GCN1 [Drosophila mi
>gi|1037026348|ref|XP 017139672.1| PREDICTED: eukaryotic translation initiation factor 4B [Drop
>gi|1037026402|ref|XP_017139675.1| PREDICTED: uncharacterized protein LOC108154079 isoform X1
>gi|1037026420|ref|XP_017139676.1| PREDICTED: uncharacterized protein LOC108154079 isoform X2
>gi|1037026438|ref|XP_017139677.1| PREDICTED: uncharacterized protein LOC108154079 isoform X3
>gi|1037026458|ref|XP_017139679.1| PREDICTED: thioredoxin domain-containing protein isoform X4
>gi|1037026168|ref|XP 017139660.1| PREDICTED: YTH domain-containing family protein 3 isoform X
>gi|1037026150|ref|XP_017139659.1| PREDICTED: uncharacterized protein LOC108154074 isoform X1
>gi|1037026184|ref|XP_017139661.1| PREDICTED: uncharacterized protein LOC108154074 isoform X3
>gi|1037026476|ref|XP_017139680.1| PREDICTED: purine nucleoside phosphorylase isoform X1 [Dros
>gi|1037026494|ref|XP_017139681.1| PREDICTED: purine nucleoside phosphorylase isoform X2 [Dros
>gi|1037026606|ref|XP_017139688.1| PREDICTED: transmembrane emp24 domain-containing protein ba
>gi|1037026258|ref|XP_017139667.1| PREDICTED: type I inositol 1,4,5-trisphosphate 5-phosphatas
>gi|1037026330|ref|XP_017139671.1| PREDICTED: uncharacterized protein LOC108154075 isoform X8
>gi|1037026312|ref|XP 017139670.1| PREDICTED: type I inositol 1,4,5-trisphosphate 5-phosphatas
>gi|1037026276|ref|XP_017139668.1| PREDICTED: type I inositol 1,4,5-trisphosphate 5-phosphatas
>gi|1037026294|ref|XP 017139669.1| PREDICTED: type I inositol 1,4,5-trisphosphate 5-phosphatas
>gi|1037026222|ref|XP_017139665.1| PREDICTED: uncharacterized protein LOC108154075 isoform X2
>gi|1037026240|ref|XP_017139666.1| PREDICTED: uncharacterized protein LOC108154075 isoform X3
>gi|1037026202|ref|XP_017139664.1| PREDICTED: type I inositol 1,4,5-trisphosphate 5-phosphatas
>gi|1037026059|ref|XP_017139654.1| PREDICTED: E3 ubiquitin-protein ligase hyd isoform X3 [Dros
>gi|1037026044|ref|XP_017139653.1| PREDICTED: E3 ubiquitin-protein ligase hyd isoform X2 [Dros
>gi|1037026026|ref|XP_017139652.1| PREDICTED: E3 ubiquitin-protein ligase hyd isoform X1 [Dros
>gi|1037026512|ref|XP_017139682.1| PREDICTED: transforming growth factor beta regulator 1 [Dros
>gi|1037023573|ref|XP_017139495.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037026584|ref|XP_017139687.1| PREDICTED: zinc finger protein 830 [Drosophila miranda]
>gi|1037026624|ref|XP_017139689.1| PREDICTED: uncharacterized protein LOC108154086 [Drosophila
>gi|1037026530|ref|XP 017139683.1| PREDICTED: uncharacterized protein LOC108154082 [Drosophila
>gi|1037026548|ref|XP_017139684.1| PREDICTED: protein lin-7 homolog C isoform X1 [Drosophila m
>gi|1037026564|ref|XP 017139685.1| PREDICTED: protein lin-7 homolog C isoform X2 [Drosophila m
>gi|1037026366|ref|XP_017139673.1| PREDICTED: trypsin-1 isoform X1 [Drosophila miranda]
>gi|1037026384|ref|XP 017139674.1| PREDICTED: trypsin-1 isoform X2 [Drosophila miranda]
>gi|1037026640|ref|XP_017139690.1| PREDICTED: uncharacterized protein LOC108154087 [Drosophila
>gi|1037026077|ref|XP_017139655.1| PREDICTED: protein unc-13 homolog D isoform X1 [Drosophila 1
>gi|1037026095|ref|XP_017139656.1| PREDICTED: protein unc-13 homolog D isoform X2 [Drosophila 1
>gi|1037026130|ref|XP_017139658.1| PREDICTED: BAI1-associated protein 3 isoform X4 [Drosophila
>gi|1037026113|ref|XP_017139657.1| PREDICTED: BAI1-associated protein 3 isoform X3 [Drosophila
>gi|1037088894|ref|XP_017143849.1| PREDICTED: dolichyl-diphosphooligosaccharide--protein glyco-
>gi|1037079071|ref|XP_017143145.1| PREDICTED: glucoside xylosyltransferase 2 isoform X1 [Droso
>gi|1037079087|ref|XP_017143146.1| PREDICTED: glucoside xylosyltransferase 2 isoform X2 [Droso
>gi|1037079101|ref|XP_017143147.1| PREDICTED: U3 small nucleolar ribonucleoprotein protein IMP
>gi|1037058685|ref|XP_017141748.1| PREDICTED: fork head domain-containing protein FD4 [Drosoph
>gi|1037058717|ref|XP_017141750.1| PREDICTED: uncharacterized protein LOC108155445 [Drosophila
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>gi|1037023591|ref|XP_017139496.1| PREDICTED: uncharacterized protein LOC108153911 [Drosophila
>gi|1037058701|ref|XP_017141749.1| PREDICTED: uncharacterized protein LOC108155444 [Drosophila
>gi|1037083045|ref|XP_017143431.1| PREDICTED: protein ABHD17B [Drosophila miranda]
>gi|1037083029|ref|XP_017143429.1| PREDICTED: uncharacterized protein LOC108156473 [Drosophila
>gi|1037048466|ref|XP 017141050.1| PREDICTED: uncharacterized protein LOC108155010 [Drosophila
>gi|1037048480|ref|XP_017141051.1| PREDICTED: uncharacterized protein LOC108155011 [Drosophila
>gi|1037048436|ref|XP 017141048.1| PREDICTED: uncharacterized protein LOC108155008 [Drosophila
>gi|1037048452|ref|XP_017141049.1| PREDICTED: uncharacterized protein LOC108155009 [Drosophila
>gi|1037048418|ref|XP_017141047.1| PREDICTED: neprilysin-2 [Drosophila miranda]
>gi|1037048407|ref|XP_017141045.1| PREDICTED: tubulin polyglutamylase TTLL5 isoform X4 [Drosop
>gi|1037048379|ref|XP_017141043.1| PREDICTED: tubulin polyglutamylase TTLL5 isoform X2 [Drosop
>gi|1037048395|ref|XP_017141044.1| PREDICTED: tubulin polyglutamylase TTLL5 isoform X3 [Drosop
>gi|1037048363|ref|XP_017141042.1| PREDICTED: uncharacterized protein LOC108155005 isoform X1
>gi|1037087870|ref|XP_017143769.1| PREDICTED: plasminogen activator inhibitor 1 RNA-binding pro-
>gi|1037087882|ref|XP_017143770.1| PREDICTED: plasminogen activator inhibitor 1 RNA-binding pro-
>gi|1037087896|ref|XP_017143771.1| PREDICTED: uncharacterized protein LOC108156664 isoform X2
>gi|1037097645|ref|XP_017144535.1| PREDICTED: molybdopterin synthase catalytic subunit isoform
>gi|1037097633|ref|XP_017144534.1| PREDICTED: molybdopterin synthase catalytic subunit isoform
>gi|1037097657|ref|XP_017144536.1| PREDICTED: molybdopterin synthase sulfur carrier subunit [Di
>gi|1037088430|ref|XP 017143812.1| PREDICTED: nuclear export mediator factor NEMF homolog [Dro
>gi|1037094785|ref|XP_017144286.1| PREDICTED: FERM domain-containing protein 8 isoform X1 [Dros
>gi|1037094799|ref|XP 017144287.1| PREDICTED: probable basic-leucine zipper transcription fact
>gi|1037103454|ref|XP_017145084.1| PREDICTED: protein lunapark-B-like [Drosophila miranda]
>gi|1037034141|ref|XP_017140139.1| PREDICTED: protein distal antenna-related [Drosophila miran
>gi|1037075815|ref|XP_017142917.1| PREDICTED: coiled-coil domain-containing protein lobo isofo
>gi|1037075847|ref|XP_017142920.1| PREDICTED: coiled-coil domain-containing protein lobo isofo
>gi|1037075863|ref|XP_017142921.1| PREDICTED: coiled-coil domain-containing protein lobo isofo
>gi|1037075831|ref|XP_017142919.1| PREDICTED: coiled-coil domain-containing protein lobo isofo
>gi|1037075895|ref|XP_017142923.1| PREDICTED: protein distal antenna [Drosophila miranda]
>gi|1037075879|ref|XP_017142922.1| PREDICTED: ras-like protein rasD [Drosophila miranda]
>gi|1037031546|ref|XP_017139987.1| PREDICTED: uncharacterized protein LOC108154262 [Drosophila
>gi|1037078805|ref|XP_017143124.1| PREDICTED: tyrosine kinase receptor Cad96Ca [Drosophila mire
>gi|1037078791|ref|XP 017143122.1| PREDICTED: uncharacterized protein LOC108156266 isoform X2
>gi|1037078763|ref|XP_017143120.1| PREDICTED: uncharacterized protein LOC108156266 isoform X1
>gi|1037078777|ref|XP 017143121.1| PREDICTED: uncharacterized protein LOC108156266 isoform X1
>gi|1037078819|ref|XP_017143125.1| PREDICTED: uncharacterized protein LOC108156268 [Drosophila
>gi|1037087982|ref|XP_017143778.1| PREDICTED: synaptic vesicle glycoprotein 2B-like isoform X1
>gi|1037087996|ref|XP_017143779.1| PREDICTED: synaptic vesicle glycoprotein 2A-like isoform X2
>gi|1037087924|ref|XP_017143773.1| PREDICTED: protein anoxia up-regulated-like isoform X2 [Dros
>gi|1037087910|ref|XP_017143772.1| PREDICTED: protein anoxia up-regulated-like isoform X1 [Dros
>gi|1037087938|ref|XP_017143774.1| PREDICTED: protein anoxia up-regulated-like isoform X3 [Dros
>gi|1037087968|ref|XP_017143777.1| PREDICTED: protein anoxia up-regulated-like isoform X5 [Dros
>gi|1037087952|ref|XP_017143775.1| PREDICTED: uncharacterized protein LOC108156666 isoform X4
>gi|1037102373|ref|XP_017144970.1| PREDICTED: myb-like protein X isoform X2 [Drosophila mirand
>gi|1037102363|ref|XP_017144969.1| PREDICTED: myb-like protein X isoform X1 [Drosophila mirand
>gi|1037102383|ref|XP_017144971.1| PREDICTED: uncharacterized protein LOC108157431 isoform X1
>gi|1037102393|ref|XP_017144972.1| PREDICTED: uncharacterized protein LOC108157431 isoform X1
>gi|1037102404|ref|XP_017144973.1| PREDICTED: uncharacterized protein LOC108157431 isoform X2
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>gi|1037032794|ref|XP_017140060.1| PREDICTED: uncharacterized protein LOC108154313 [Drosophila
>gi|1037105969|ref|XP_017145432.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037097494|ref|XP_017144520.1| PREDICTED: 39S ribosomal protein L37, mitochondrial [Drosop
>gi|1037023607|ref|XP_017139497.1| PREDICTED: protein arginine N-methyltransferase 1-B-like [Di
>gi|1037069894|ref|XP 017142509.1| PREDICTED: protein arginine N-methyltransferase 1-B-like [Di
>gi|1037069878|ref|XP_017142508.1| PREDICTED: DNA replication licensing factor Mcm5 [Drosophile
>gi|1037069910|ref|XP 017142510.1| PREDICTED: abnormal spindle-like microcephaly-associated pre
>gi|1037023625|ref|XP_017139498.1| PREDICTED: uncharacterized protein LOC108153914 [Drosophila
>gi|1037105087|ref|XP_017145306.1| PREDICTED: tubulin polyglutamylase TTLL6 isoform X1 [Drosop
>gi|1037105095|ref|XP_017145307.1| PREDICTED: tubulin polyglutamylase TTLL6 isoform X2 [Drosop
>gi|1037095750|ref|XP_017144363.1| PREDICTED: cadherin-86C isoform X1 [Drosophila miranda]
>gi|1037095764|ref|XP_017144364.1| PREDICTED: cadherin-86C isoform X2 [Drosophila miranda]
>gi|1037095776|ref|XP_017144365.1| PREDICTED: cadherin-86C isoform X3 [Drosophila miranda]
>gi|1037095788|ref|XP_017144366.1| PREDICTED: cadherin-86C isoform X4 [Drosophila miranda]
>gi|1037090723|ref|XP_017143996.1| PREDICTED: protein midgut expression 1 [Drosophila miranda]
>gi|1037023641|ref|XP_017139499.1| PREDICTED: histone-lysine N-methyltransferase SETMAR [Droso
>gi|1037054097|ref|XP_017141437.1| PREDICTED: lysophospholipase-like protein 1 [Drosophila mire
>gi|1037054017|ref|XP_017141431.1| PREDICTED: kelch-like ECH-associated protein 1 isoform X1 [
>gi|1037054029|ref|XP_017141432.1| PREDICTED: kelch-like ECH-associated protein 1 isoform X2 [
>gi|1037054045|ref|XP 017141433.1| PREDICTED: kelch-like ECH-associated protein 1 isoform X2 [
>gi|1037054109|ref|XP_017141438.1| PREDICTED: 28S ribosomal protein S11, mitochondrial [Drosop
>gi|1037054079|ref|XP_017141436.1| PREDICTED: guanine nucleotide-binding protein-like 3 homological pr
>gi|1037054063|ref|XP_017141435.1| PREDICTED: mothers against decapentaplegic homolog 6 [Droso
>gi|1037081557|ref|XP_017143322.1| PREDICTED: protein PAT1 homolog 1 isoform X2 [Drosophila mi
>gi|1037081543|ref|XP_017143321.1| PREDICTED: protein PAT1 homolog 1 isoform X1 [Drosophila mi
>gi|1037093227|ref|XP_017144172.1| PREDICTED: uncharacterized protein LOC108156928 [Drosophila
>gi|1037093241|ref|XP_017144173.1| PREDICTED: putative tRNA (cytidine(32)/guanosine(34)-2'-0)-1
>gi|1037094134|ref|XP_017144237.1| PREDICTED: uncharacterized protein LOC108156966 isoform X1
>gi|1037094147|ref|XP_017144238.1| PREDICTED: uncharacterized protein LOC108156966 isoform X2
>gi|1037094175|ref|XP 017144240.1| PREDICTED: uncharacterized protein LOC108156966 isoform X4
>gi|1037094189|ref|XP_017144241.1| PREDICTED: uncharacterized protein LOC108156966 isoform X5
>gi|1037094163|ref|XP_017144239.1| PREDICTED: uncharacterized protein LOC108156966 isoform X3
>gi|1037094215|ref|XP_017144243.1| PREDICTED: uncharacterized protein LOC108156966 isoform X7
>gi|1037094203|ref|XP_017144242.1| PREDICTED: uncharacterized protein LOC108156966 isoform X6
>gi|1037103929|ref|XP 017145146.1| PREDICTED: peroxidase [Drosophila miranda]
>gi|1037023659|ref|XP_017139500.1| PREDICTED: uncharacterized protein LOC108153916 [Drosophila
>gi|1037080373|ref|XP 017143231.1| PREDICTED: peroxidase [Drosophila miranda]
>gi|1037080387|ref|XP_017143232.1| PREDICTED: adenylosuccinate lyase [Drosophila miranda]
>gi|1037080401|ref|XP_017143233.1| PREDICTED: adenylosuccinate lyase [Drosophila miranda]
>gi|1037080345|ref|XP_017143229.1| PREDICTED: epidermal growth factor receptor kinase substrate
>gi|1037080359|ref|XP_017143230.1| PREDICTED: chorion peroxidase [Drosophila miranda]
>gi|1037082241|ref|XP_017143377.1| PREDICTED: splicing factor 3A subunit 1 [Drosophila miranda]
>gi|1037082255|ref|XP_017143379.1| PREDICTED: xylulose kinase isoform X1 [Drosophila miranda]
>gi|1037082269|ref|XP_017143380.1| PREDICTED: xylulose kinase isoform X2 [Drosophila miranda]
>gi|1037083626|ref|XP_017143478.1| PREDICTED: ER membrane protein complex subunit 2 [Drosophile
>gi|1037083613|ref|XP_017143477.1| PREDICTED: uncharacterized protein LOC108156495 isoform X2
>gi|1037083600|ref|XP_017143476.1| PREDICTED: uncharacterized protein LOC108156495 isoform X1
>gi|1037083639|ref|XP_017143480.1| PREDICTED: uncharacterized protein LOC108156497 [Drosophila
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>gi|1037083653|ref|XP_017143481.1| PREDICTED: uncharacterized protein LOC108156497 [Drosophila
>gi|1037083667|ref|XP_017143482.1| PREDICTED: uncharacterized protein LOC108156497 [Drosophila
>gi|1037106827|ref|XP_017145552.1| PREDICTED: EH domain-binding protein 1 [Drosophila miranda]
>gi|1037106835|ref|XP_017145553.1| PREDICTED: V-type proton ATPase subunit e [Drosophila miran-
>gi|1037084508|ref|XP 017143548.1| PREDICTED: homeobox protein abdominal-B [Drosophila miranda
>gi|1037053742|ref|XP_017141415.1| PREDICTED: uncharacterized protein LOC108155234 [Drosophila
>gi|1037053756|ref|XP 017141416.1| PREDICTED: uncharacterized protein LOC108155234 [Drosophila
>gi|1037053770|ref|XP_017141417.1| PREDICTED: uncharacterized protein LOC108155234 [Drosophila
>gi|1037053697|ref|XP_017141411.1| PREDICTED: homeobox protein abdominal-A isoform X1 [Drosoph
>gi|1037053713|ref|XP_017141413.1| PREDICTED: homeobox protein abdominal-A isoform X1 [Drosoph
>gi|1037053728|ref|XP_017141414.1| PREDICTED: homeobox protein abdominal-A isoform X2 [Drosoph
>gi|1037105324|ref|XP_017145341.1| PREDICTED: glucose transporter type 3 [Drosophila miranda]
>gi|1037085234|ref|XP_017143603.1| PREDICTED: dynein light chain roadblock-type 1 [Drosophila 1
>gi|1037082843|ref|XP_017143418.1| PREDICTED: homeotic protein ultrabithorax isoform X1 [Droso
>gi|1037082857|ref|XP_017143419.1| PREDICTED: homeotic protein ultrabithorax isoform X2 [Droso
>gi|1037082869|ref|XP_017143420.1| PREDICTED: homeotic protein ultrabithorax isoform X3 [Droso
>gi|1037079772|ref|XP_017143184.1| PREDICTED: uncharacterized protein LOC108156306 [Drosophila
>gi|1037079719|ref|XP_017143181.1| PREDICTED: suppressor of tumorigenicity 14 protein homolog
>gi|1037079733|ref|XP_017143182.1| PREDICTED: coiled-coil domain-containing protein 63 [Drosop
>gi|1037079760|ref|XP 017143183.1| PREDICTED: coiled-coil domain-containing protein 63 [Drosop
>gi|1037051843|ref|XP_017141285.1| PREDICTED: methyltransferase-like protein 4 [Drosophila mire
>gi|1037051761|ref|XP 017141279.1| PREDICTED: T-complex protein 1 subunit gamma [Drosophila mi
>gi|1037051777|ref|XP_017141280.1| PREDICTED: G patch domain and KOW motifs-containing protein
>gi|1037051871|ref|XP_017141287.1| PREDICTED: ARL-6-interacting protein 1 homolog [Drosophila 1
>gi|1037051859|ref|XP_017141286.1| PREDICTED: uncharacterized protein LOC108155143 [Drosophila
>gi|1037051811|ref|XP_017141282.1| PREDICTED: UPF0609 protein CG1218 [Drosophila miranda]
>gi|1037051795|ref|XP_017141281.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 12
>gi|1037051827|ref|XP_017141283.1| PREDICTED: histone acetyltransferase type B catalytic subun
>gi|1037051746|ref|XP_017141278.1| PREDICTED: katanin p60 ATPase-containing subunit A1 isoform
>gi|1037051730|ref|XP_017141277.1| PREDICTED: katanin p60 ATPase-containing subunit A1 isoform
>gi|1037051714|ref|XP_017141276.1| PREDICTED: katanin p60 ATPase-containing subunit A1 isoform
>gi|1037051699|ref|XP_017141275.1| PREDICTED: katanin p60 ATPase-containing subunit A1 isoform
>gi|1037065129|ref|XP_017142183.1| PREDICTED: protein jagunal isoform X1 [Drosophila miranda]
>gi|1037065145|ref|XP_017142184.1| PREDICTED: protein jagunal isoform X2 [Drosophila miranda]
>gi|1037064951|ref|XP_017142171.1| PREDICTED: exocyst complex component 4 isoform X1 [Drosophi
>gi|1037064967|ref|XP_017142173.1| PREDICTED: exocyst complex component 4 isoform X1 [Drosophi
>gi|1037064983|ref|XP_017142174.1| PREDICTED: exocyst complex component 4 isoform X2 [Drosophi
>gi|1037064999|ref|XP_017142175.1| PREDICTED: exocyst complex component 4 isoform X3 [Drosophi
>gi|1037065017|ref|XP_017142176.1| PREDICTED: exocyst complex component 4 isoform X4 [Drosophi
>gi|1037065051|ref|XP_017142178.1| PREDICTED: exocyst complex component 4 isoform X6 [Drosophi
>gi|1037065098|ref|XP_017142181.1| PREDICTED: uncharacterized protein ZK1073.1 isoform X9 [Dros
>gi|1037065114|ref|XP_017142182.1| PREDICTED: uncharacterized protein ZK1073.1 isoform X10 [Dreft content of the content of th
>gi|1037065032|ref|XP_017142177.1| PREDICTED: exocyst complex component 4 isoform X5 [Drosophi
>gi|1037065066|ref|XP_017142179.1| PREDICTED: uncharacterized protein ZK1073.1 isoform X7 [Dros
>gi|1037065082|ref|XP_017142180.1| PREDICTED: uncharacterized protein ZK1073.1 isoform X8 [Droplet of the content of the conte
>gi|1037082677|ref|XP_017143407.1| PREDICTED: m7GpppX diphosphatase [Drosophila miranda]
>gi|1037082664|ref|XP_017143406.1| PREDICTED: nuclear receptor-binding protein homolog [Drosop
>gi|1037069453|ref|XP_017142478.1| PREDICTED: symplekin [Drosophila miranda]
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>gi|1037069480|ref|XP_017142480.1| PREDICTED: glyoxylate reductase/hydroxypyruvate reductase [
>gi|1037069469|ref|XP_017142479.1| PREDICTED: CCA tRNA nucleotidyltransferase 1, mitochondrial
>gi|1037069496|ref|XP_017142481.1| PREDICTED: probable RNA methyltransferase CG1239 isoform X1
>gi|1037069512|ref|XP_017142482.1| PREDICTED: probable RNA methyltransferase CG1239 isoform X1
>gi|1037069528|ref|XP 017142483.1| PREDICTED: probable RNA methyltransferase CG1239 isoform X2
>gi|1037068800|ref|XP_017142431.1| PREDICTED: transcription factor castor [Drosophila miranda]
>gi|1037068739|ref|XP 017142427.1| PREDICTED: TBC1 domain family member 4 isoform X2 [Drosophi
>gi|1037068677|ref|XP_017142423.1| PREDICTED: TBC1 domain family member 4 isoform X1 [Drosophi
>gi|1037068693|ref|XP_017142424.1| PREDICTED: TBC1 domain family member 4 isoform X1 [Drosophi
>gi|1037068709|ref|XP_017142425.1| PREDICTED: TBC1 domain family member 4 isoform X1 [Drosophi
>gi|1037068725|ref|XP_017142426.1| PREDICTED: TBC1 domain family member 4 isoform X1 [Drosophi
>gi|1037068784|ref|XP_017142430.1| PREDICTED: TBC1 domain family member 4 isoform X5 [Drosophi
>gi|1037068755|ref|XP_017142428.1| PREDICTED: TBC1 domain family member 4 isoform X3 [Drosophi
>gi|1037068769|ref|XP_017142429.1| PREDICTED: TBC1 domain family member 4 isoform X4 [Drosophi
>gi|1037068814|ref|XP_017142432.1| PREDICTED: serine/threonine-protein phosphatase 2A activator
>gi|1037085379|ref|XP_017143612.1| PREDICTED: ras-related protein Rab-23 [Drosophila miranda]
>gi|1037085393|ref|XP_017143613.1| PREDICTED: ras-related protein Rab-23 [Drosophila miranda]
>gi|1037085407|ref|XP 017143614.1| PREDICTED: ras-related protein Rab-23 [Drosophila miranda]
>gi|1037085421|ref|XP_017143615.1| PREDICTED: ras-related protein Rab-23 [Drosophila miranda]
>gi|1037085435|ref|XP 017143616.1| PREDICTED: ras-related protein Rab-23 [Drosophila miranda]
>gi|1037075913|ref|XP_017142924.1| PREDICTED: RB1-inducible coiled-coil protein 1 [Drosophila 1
>gi|1037075929|ref|XP 017142925.1| PREDICTED: RB1-inducible coiled-coil protein 1 [Drosophila 1
>gi|1037075944|ref|XP_017142926.1| PREDICTED: RB1-inducible coiled-coil protein 1 [Drosophila 1
>gi|1037075960|ref|XP_017142928.1| PREDICTED: RB1-inducible coiled-coil protein 1 [Drosophila 1
>gi|1037041542|ref|XP_017140597.1| PREDICTED: A-kinase anchor protein 17A isoform X1 [Drosophi
>gi|1037041566|ref|XP_017140598.1| PREDICTED: A-kinase anchor protein 17A isoform X2 [Drosophi
>gi|1037041526|ref|XP_017140595.1| PREDICTED: pre-mRNA 3' end processing protein WDR33 [Drosop
>gi|1037041697|ref|XP_017140606.1| PREDICTED: glucose 1-dehydrogenase-like [Drosophila miranda]
>gi|1037041681|ref|XP_017140605.1| PREDICTED: cyclopentanol dehydrogenase-like [Drosophila mire
>gi|1037041667|ref|XP 017140604.1| PREDICTED: uncharacterized oxidoreductase TM 0325-like [Dro
>gi|1037041713|ref|XP_017140607.1| PREDICTED: 60S ribosomal protein L13a [Drosophila miranda]
>gi|1037041729|ref|XP_017140608.1| PREDICTED: DPH4 homolog isoform X1 [Drosophila miranda]
>gi|1037041745|ref|XP 017140609.1| PREDICTED: DPH4 homolog isoform X2 [Drosophila miranda]
>gi|1037041757|ref|XP_017140610.1| PREDICTED: CDC42 small effector protein homolog [Drosophila
>gi|1037041574|ref|XP 017140599.1| PREDICTED: another transcription unit protein [Drosophila m
>gi|1037041587|ref|XP_017140601.1| PREDICTED: regulator of gene activity isoform X1 [Drosophile
>gi|1037041636|ref|XP 017140602.1| PREDICTED: regulator of gene activity isoform X2 [Drosophile
>gi|1037041652|ref|XP_017140603.1| PREDICTED: regulator of gene activity isoform X3 [Drosophile
>gi|1037080511|ref|XP_017143242.1| PREDICTED: CAP-Gly domain-containing linker protein 1 [Dros
>gi|1037080525|ref|XP_017143243.1| PREDICTED: CAP-Gly domain-containing linker protein 1 [Dros
>gi|1037080539|ref|XP_017143244.1| PREDICTED: O-phosphoseryl-tRNA(Sec) selenium transferase [Di
>gi|1037085823|ref|XP_017143642.1| PREDICTED: uncharacterized protein LOC108156609 isoform X1
>gi|1037085837|ref|XP 017143643.1| PREDICTED: uncharacterized protein LOC108156609 isoform X2
>gi|1037085851|ref|XP_017143644.1| PREDICTED: uncharacterized protein LOC108156609 isoform X3
>gi|1037035252|ref|XP_017140204.1| PREDICTED: uncharacterized protein LOC108154443 [Drosophila
>gi|1037023677|ref|XP_017139502.1| PREDICTED: putative odorant receptor 85e [Drosophila mirand
>gi|1037106550|ref|XP_017145512.1| PREDICTED: probable cytochrome P450 313b1 [Drosophila miran-
>gi|1037069377|ref|XP_017142472.1| PREDICTED: dual specificity mitogen-activated protein kinas
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>gi|1037069423|ref|XP_017142476.1| PREDICTED: SRA stem-loop-interacting RNA-binding protein, m
>gi|1037069393|ref|XP_017142473.1| PREDICTED: dihydroorotate dehydrogenase (quinone), mitochon
>gi|1037069407|ref|XP_017142474.1| PREDICTED: protein SYS1 homolog [Drosophila miranda]
>gi|1037069439|ref|XP_017142477.1| PREDICTED: uncharacterized protein LOC108155869 [Drosophila
>gi|1037070410|ref|XP 017142544.1| PREDICTED: ATP-dependent RNA helicase bel isoform X2 [Droso
>gi|1037070392|ref|XP_017142543.1| PREDICTED: ATP-dependent RNA helicase bel isoform X1 [Droso
>gi|1037070376|ref|XP 017142541.1| PREDICTED: Hermansky-Pudlak syndrome 5 protein homolog [Drop
>gi|1037023695|ref|XP_017139503.1| PREDICTED: RNA-directed DNA polymerase from mobile element
>gi|1037090295|ref|XP 017143962.1| PREDICTED: histone H2A-like [Drosophila miranda]
>gi|1037090309|ref|XP_017143963.1| PREDICTED: histone H4 [Drosophila miranda]
>gi|1037090281|ref|XP_017143960.1| PREDICTED: histone H3 [Drosophila miranda]
>gi|1037088785|ref|XP_017143841.1| PREDICTED: histone H1-like [Drosophila miranda]
>gi|1037088812|ref|XP_017143843.1| PREDICTED: histone H2B [Drosophila miranda]
>gi|1037088800|ref|XP_017143842.1| PREDICTED: histone H2A [Drosophila miranda]
>gi|1037075326|ref|XP_017142883.1| PREDICTED: RNA-directed DNA polymerase from mobile element
>gi|1037065492|ref|XP 017142206.1| PREDICTED: putative adenosylhomocysteinase 2 [Drosophila mi
>gi|1037065511|ref|XP_017142207.1| PREDICTED: putative adenosylhomocysteinase 2 [Drosophila mi
>gi|1037065439|ref|XP_017142202.1| PREDICTED: peroxisomal N(1)-acetyl-spermine/spermidine oxide
>gi|1037065461|ref|XP_017142204.1| PREDICTED: peroxisomal N(1)-acetyl-spermine/spermidine oxide
>gi|1037065476|ref|XP_017142205.1| PREDICTED: spermine oxidase isoform X2 [Drosophila miranda]
>gi|1037065423|ref|XP_017142201.1| PREDICTED: transketolase-like protein 2 [Drosophila miranda]
>gi|1037100350|ref|XP 017144775.1| PREDICTED: transcription termination factor 2 isoform X1 [Di
>gi|1037100360|ref|XP_017144776.1| PREDICTED: transcription termination factor 2 isoform X2 [Di
>gi|1037100372|ref|XP_017144777.1| PREDICTED: transcription termination factor 2 isoform X2 [Di
>gi|1037075198|ref|XP_017142874.1| PREDICTED: transcription termination factor 2 [Drosophila m
>gi|1037075216|ref|XP_017142875.1| PREDICTED: protein doublesex isoform X1 [Drosophila miranda]
>gi|1037075233|ref|XP 017142876.1| PREDICTED: protein doublesex isoform X2 [Drosophila miranda
>gi|1037092574|ref|XP_017144130.1| PREDICTED: neutral and basic amino acid transport protein ri
>gi|1037104947|ref|XP_017145286.1| PREDICTED: antennal-specific protein OS-C isoform X1 [Droso
>gi|1037104955|ref|XP_017145287.1| PREDICTED: antennal-specific protein OS-C isoform X2 [Droso
>gi|1037104939|ref|XP_017145285.1| PREDICTED: uncharacterized protein LOC108157647 [Drosophila
>gi|1037102953|ref|XP_017145029.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037102934|ref|XP_017145027.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037102943|ref|XP_017145028.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037080002|ref|XP 017143203.1| PREDICTED: integrator complex subunit 5 [Drosophila miranda
>gi|1037080016|ref|XP_017143204.1| PREDICTED: integrator complex subunit 5 [Drosophila miranda]
>gi|1037080030|ref|XP_017143205.1| PREDICTED: serine/threonine-protein kinase stk11 [Drosophile
>gi|1037080057|ref|XP_017143206.1| PREDICTED: serine/threonine-protein kinase stk11 [Drosophile]
>gi|1037097881|ref|XP_017144558.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 9 [
>gi|1037097860|ref|XP_017144556.1| PREDICTED: two pore potassium channel protein sup-9 isoform
>gi|1037097872|ref|XP_017144557.1| PREDICTED: two pore potassium channel protein sup-9 isoform
>gi|1037051616|ref|XP_017141269.1| PREDICTED: serine-arginine protein 55 isoform X2 [Drosophile
>gi|1037051632|ref|XP_017141270.1| PREDICTED: serine-arginine protein 55 isoform X3 [Drosophile
>gi|1037051598|ref|XP_017141268.1| PREDICTED: serine-arginine protein 55 isoform X1 [Drosophile
>gi|1037051649|ref|XP_017141271.1| PREDICTED: serine-arginine protein 55 isoform X4 [Drosophile
>gi|1037051521|ref|XP_017141263.1| PREDICTED: heterogeneous nuclear ribonucleoprotein 87F isof
>gi|1037051537|ref|XP_017141264.1| PREDICTED: heterogeneous nuclear ribonucleoprotein 87F isof
>gi|1037051550|ref|XP_017141265.1| PREDICTED: heterogeneous nuclear ribonucleoprotein 87F isof
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>gi|1037051566|ref|XP_017141266.1| PREDICTED: ribonucleoprotein RB97D [Drosophila miranda]
>gi|1037051582|ref|XP_017141267.1| PREDICTED: ribonucleoprotein RB97D [Drosophila miranda]
>gi|1037051665|ref|XP_017141273.1| PREDICTED: ras GTPase-activating protein-binding protein 1
>gi|1037051683|ref|XP_017141274.1| PREDICTED: ras GTPase-activating protein-binding protein 1
>gi|1037059376|ref|XP 017141796.1| PREDICTED: RNA-binding protein squid isoform X1 [Drosophila
>gi|1037059405|ref|XP_017141798.1| PREDICTED: RNA-binding protein squid isoform X3 [Drosophila
>gi|1037059391|ref|XP_017141797.1| PREDICTED: RNA-binding protein squid isoform X2 [Drosophila
>gi|1037059362|ref|XP_017141795.1| PREDICTED: uncharacterized protein LOC108155482 [Drosophila
>gi|1037059421|ref|XP_017141799.1| PREDICTED: uncharacterized protein LOC108155484 [Drosophila
>gi|1037059437|ref|XP_017141800.1| PREDICTED: prisilkin-39 [Drosophila miranda]
>gi|1037059453|ref|XP_017141801.1| PREDICTED: keratin, type II cytoskeletal 2 epidermal [Droso
>gi|1037059469|ref|XP_017141802.1| PREDICTED: cold shock domain-containing protein 4 [Drosophi
>gi|1037023717|ref|XP_017139504.1| PREDICTED: uncharacterized protein LOC108153919 [Drosophila
>gi|1037059485|ref|XP_017141803.1| PREDICTED: uncharacterized protein LOC108155489 [Drosophila
>gi|1037023735|ref|XP_017139505.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037092615|ref|XP_017144133.1| PREDICTED: hemicentin-1 [Drosophila miranda]
>gi|1037092629|ref|XP_017144134.1| PREDICTED: hemicentin-1 [Drosophila miranda]
>gi|1037092643|ref|XP 017144135.1| PREDICTED: hemicentin-1 [Drosophila miranda]
>gi|1037092659|ref|XP_017144136.1| PREDICTED: hemicentin-1 [Drosophila miranda]
>gi|1037092673|ref|XP 017144137.1| PREDICTED: hemicentin-1 [Drosophila miranda]
>gi|1037034322|ref|XP_017140152.1| PREDICTED: uncharacterized protein LOC108154397 [Drosophila
>gi|1037073479|ref|XP 017142756.1| PREDICTED: uncharacterized protein LOC108156023 isoform X1
>gi|1037073545|ref|XP_017142760.1| PREDICTED: band 4.1-like protein 5 isoform X5 [Drosophila m
>gi|1037073511|ref|XP_017142758.1| PREDICTED: uncharacterized protein LOC108156023 isoform X3
>gi|1037073495|ref|XP_017142757.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 2
>gi|1037073561|ref|XP_017142761.1| PREDICTED: band 4.1-like protein 5 isoform X6 [Drosophila m
>gi|1037073529|ref|XP_017142759.1| PREDICTED: band 4.1-like protein 5 isoform X4 [Drosophila m
>gi|1037073579|ref|XP_017142762.1| PREDICTED: actin-87E [Drosophila miranda]
>gi|1037023753|ref|XP_017139506.1| PREDICTED: uncharacterized protein LOC108153921 [Drosophila
>gi|1037105156|ref|XP_017145316.1| PREDICTED: L-dopachrome tautomerase yellow-f2 [Drosophila m
>gi|1037099458|ref|XP_017144704.1| PREDICTED: protein yellow [Drosophila miranda]
>gi|1037099470|ref|XP_017144705.1| PREDICTED: protein yellow [Drosophila miranda]
>gi|1037093763|ref|XP 017144208.1| PREDICTED: microprocessor complex subunit DGCR8 [Drosophila
>gi|1037104842|ref|XP_017145271.1| PREDICTED: uncharacterized protein LOC108157638 [Drosophila
>gi|1037045059|ref|XP 017140826.1| PREDICTED: protein kinase C-binding protein 1 [Drosophila m
>gi|1037045177|ref|XP_017140833.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1037045207|ref|XP 017140836.1| PREDICTED: uncharacterized protein LOC108154898 [Drosophila
>gi|1037023771|ref|XP_017139507.1| PREDICTED: uncharacterized protein LOC108153922 [Drosophila
>gi|1037045074|ref|XP_017140828.1| PREDICTED: protein tramtrack, alpha isoform isoform X1 [Dros
>gi|1037045088|ref|XP_017140829.1| PREDICTED: protein tramtrack, alpha isoform isoform X1 [Dros
>gi|1037045104|ref|XP_017140830.1| PREDICTED: protein tramtrack, alpha isoform X1 [Dros
>gi|1037045121|ref|XP_017140831.1| PREDICTED: protein tramtrack, alpha isoform X1 [Dros
>gi|1037045133|ref|XP_017140832.1| PREDICTED: protein tramtrack, beta isoform isoform X2 [Dros
>gi|1037045193|ref|XP_017140834.1| PREDICTED: cleavage stimulation factor subunit 1 [Drosophile
>gi|1037039590|ref|XP_017140460.1| PREDICTED: nucleolar protein 16 [Drosophila miranda]
>gi|1037039538|ref|XP_017140455.1| PREDICTED: elongation factor 1-alpha 2 [Drosophila miranda]
>gi|1037039620|ref|XP_017140462.1| PREDICTED: tubulin-specific chaperone A [Drosophila miranda]
>gi|1037039574|ref|XP_017140459.1| PREDICTED: uncharacterized protein LOC108154641 [Drosophila
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>gi|1037039606|ref|XP_017140461.1| PREDICTED: nucleoside diphosphate kinase [Drosophila mirand
>gi|1037039560|ref|XP_017140457.1| PREDICTED: deoxyhypusine hydroxylase [Drosophila miranda]
>gi|1037039476|ref|XP 017140451.1| PREDICTED: cell surface glycoprotein 1 isoform X1 [Drosophi
>gi|1037039490|ref|XP_017140452.1| PREDICTED: cell surface glycoprotein 1 isoform X2 [Drosophi
>gi|1037039550|ref|XP_017140456.1| PREDICTED: ectopic P granules protein 5 homolog [Drosophila
>gi|1037039506|ref|XP_017140453.1| PREDICTED: cell surface glycoprotein 1 isoform X3 [Drosophi
>gi|1037039522|ref|XP_017140454.1| PREDICTED: cell surface glycoprotein 1 isoform X4 [Drosophi
>gi|1037039428|ref|XP_017140447.1| PREDICTED: ectopic P granules protein 5 homolog [Drosophila
>gi|1037039460|ref|XP_017140450.1| PREDICTED: serine/threonine-protein kinase greatwall isoform
>gi|1037039444|ref|XP_017140448.1| PREDICTED: serine/threonine-protein kinase greatwall isoform
>gi|1037039635|ref|XP_017140463.1| PREDICTED: RE1-silencing transcription factor [Drosophila m
>gi|1037039650|ref|XP_017140464.1| PREDICTED: RE1-silencing transcription factor [Drosophila m
>gi|1037077701|ref|XP_017143045.1| PREDICTED: saccharopine dehydrogenase-like oxidoreductase [
>gi|1037077729|ref|XP_017143047.1| PREDICTED: cysteine-rich DPF motif domain-containing protein
>gi|1037077715|ref|XP_017143046.1| PREDICTED: putative transferase CAF17 homolog, mitochondria
>gi|1037077663|ref|XP_017143042.1| PREDICTED: autophagy-related protein 16-1 isoform X1 [Droso
>gi|1037077676|ref|XP_017143043.1| PREDICTED: autophagy-related protein 16-1 isoform X2 [Droso
>gi|1037077689|ref|XP_017143044.1| PREDICTED: autophagy-related protein 16 isoform X3 [Drosoph
>gi|1037094530|ref|XP_017144268.1| PREDICTED: RNA-binding protein 34 [Drosophila miranda]
>gi|1037094544|ref|XP 017144269.1| PREDICTED: uncharacterized protein LOC108156986 [Drosophila
>gi|1037074896|ref|XP_017142852.1| PREDICTED: zinc finger protein weckle [Drosophila miranda]
>gi|1037074858|ref|XP_017142850.1| PREDICTED: zinc finger protein weckle [Drosophila miranda]
>gi|1037074912|ref|XP_017142853.1| PREDICTED: N-alpha-acetyltransferase 20-like [Drosophila mi
>gi|1037074880|ref|XP_017142851.1| PREDICTED: spermatogenesis-defective protein 39 homolog [Dref
>gi|1037058744|ref|XP_017141752.1| PREDICTED: uncharacterized protein LOC108155447 [Drosophila
>gi|1037058758|ref|XP_017141753.1| PREDICTED: protein claret segregational [Drosophila miranda]
>gi|1037058774|ref|XP_017141754.1| PREDICTED: 3'(2'),5'-bisphosphate nucleotidase 1 [Drosophile
>gi|1037086919|ref|XP_017143727.1| PREDICTED: electron transfer flavoprotein subunit beta [Dros
>gi|1037086933|ref|XP_017143728.1| PREDICTED: electron transfer flavoprotein subunit beta [Dros
>gi|1037086947|ref|XP_017143729.1| PREDICTED: electron transfer flavoprotein subunit beta [Dros
>gi|1037086905|ref|XP_017143726.1| PREDICTED: caspase [Drosophila miranda]
>gi|1037078196|ref|XP_017143084.1| PREDICTED: cytochrome c-type heme lyase [Drosophila miranda]
>gi|1037078182|ref|XP 017143083.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1037078168|ref|XP_017143082.1| PREDICTED: transmembrane protein 181 [Drosophila miranda]
>gi|1037078154|ref|XP 017143081.1| PREDICTED: pre-mRNA-processing factor 17 [Drosophila mirand
>gi|1037078210|ref|XP_017143085.1| PREDICTED: uncharacterized protein LOC108156247 [Drosophila
>gi|1037101741|ref|XP_017144904.1| PREDICTED: fas-associated death domain protein [Drosophila i
>gi|1037092259|ref|XP_017144110.1| PREDICTED: probable ATP-dependent RNA helicase pitchoune [Di
>gi|1037058593|ref|XP_017141742.1| PREDICTED: protein held out wings isoform X1 [Drosophila mi
>gi|1037058609|ref|XP_017141743.1| PREDICTED: protein held out wings isoform X1 [Drosophila mi
>gi|1037058623|ref|XP_017141744.1| PREDICTED: protein held out wings isoform X2 [Drosophila mi
>gi|1037058639|ref|XP_017141745.1| PREDICTED: protein held out wings isoform X3 [Drosophila mi
>gi|1037058655|ref|XP_017141746.1| PREDICTED: protein held out wings isoform X4 [Drosophila mi
>gi|1037058671|ref|XP_017141747.1| PREDICTED: protein held out wings isoform X5 [Drosophila mi
>gi|1037035047|ref|XP_017140194.1| PREDICTED: uncharacterized protein LOC108154435 isoform X1
>gi|1037035063|ref|XP_017140195.1| PREDICTED: uncharacterized protein LOC108154435 isoform X2
>gi|1037099662|ref|XP_017144722.1| PREDICTED: serine protease HTRA2, mitochondrial [Drosophila
>gi|1037053425|ref|XP_017141392.1| PREDICTED: uncharacterized protein LOC108155219 [Drosophila
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>gi|1037053372|ref|XP_017141387.1| PREDICTED: platelet binding protein GspB-like, partial [Dros
>gi|1037053385|ref|XP_017141389.1| PREDICTED: uncharacterized protein LOC108155216 [Drosophila
>gi|1037053401|ref|XP_017141390.1| PREDICTED: stAR-related lipid transfer protein 13-like [Dros
>gi|1037053413|ref|XP_017141391.1| PREDICTED: GTPase-activating protein CdGAPr-like, partial [
>gi|1037030991|ref|XP 017139952.1| PREDICTED: uncharacterized protein LOC108154236 [Drosophila
>gi|1037033216|ref|XP_017140085.1| PREDICTED: male-specific protein scotti [Drosophila miranda]
>gi|1037049095|ref|XP 017141094.1| PREDICTED: dynein assembly factor 5, axonemal [Drosophila m
>gi|1037049111|ref|XP_017141095.1| PREDICTED: dynein assembly factor 5, axonemal [Drosophila m
>gi|1037049127|ref|XP_017141096.1| PREDICTED: dynein assembly factor 5, axonemal [Drosophila m
>gi|1037049143|ref|XP_017141097.1| PREDICTED: dynein assembly factor 5, axonemal [Drosophila m
>gi|1037049161|ref|XP_017141098.1| PREDICTED: dynein assembly factor 5, axonemal [Drosophila m
>gi|1037049175|ref|XP_017141100.1| PREDICTED: dynein assembly factor 5, axonemal [Drosophila m
>gi|1037049191|ref|XP_017141101.1| PREDICTED: homeobox protein abdominal-B [Drosophila miranda]
>gi|1037049209|ref|XP_017141102.1| PREDICTED: homeobox protein abdominal-B [Drosophila miranda]
>gi|1037049227|ref|XP_017141103.1| PREDICTED: homeobox protein abdominal-B [Drosophila miranda
>gi|1037049255|ref|XP_017141105.1| PREDICTED: DNA repair protein XRCC3 [Drosophila miranda]
>gi|1037049268|ref|XP_017141106.1| PREDICTED: ATP synthase subunit e, mitochondrial [Drosophile
>gi|1037049059|ref|XP 017141092.1| PREDICTED: uncharacterized protein LOC108155038 isoform X1
>gi|1037049079|ref|XP_017141093.1| PREDICTED: actin cytoskeleton-regulatory complex protein PA
>gi|1037049239|ref|XP 017141104.1| PREDICTED: histone-lysine N-methyltransferase pr-set7 [Dros
>gi|1037056330|ref|XP_017141586.1| PREDICTED: bromodomain adjacent to zinc finger domain prote
>gi|1037056364|ref|XP_017141589.1| PREDICTED: DDB1- and CUL4-associated factor 5 isoform X2 [Di
>gi|1037056346|ref|XP_017141588.1| PREDICTED: DDB1- and CUL4-associated factor 5 isoform X1 [Di
>gi|1037056396|ref|XP_017141591.1| PREDICTED: uncharacterized protein LOC108155344 [Drosophila
>gi|1037056380|ref|XP_017141590.1| PREDICTED: DDB1- and CUL4-associated factor 5 isoform X3 [Di
>gi|1037056446|ref|XP_017141594.1| PREDICTED: uncharacterized protein LOC108155347 [Drosophila
>gi|1037056412|ref|XP_017141592.1| PREDICTED: solute carrier family 52, riboflavin transporter
>gi|1037056430|ref|XP_017141593.1| PREDICTED: ferrochelatase, mitochondrial [Drosophila mirand
>gi|1037035411|ref|XP_017140212.1| PREDICTED: E3 ubiquitin-protein ligase msl-2-like isoform X
>gi|1037035395|ref|XP_017140211.1| PREDICTED: E3 ubiquitin-protein ligase msl-2-like isoform X
>gi|1037099293|ref|XP_017144686.1| PREDICTED: rho GTPase-activating protein 100F isoform X1 [Di
>gi|1037099302|ref|XP_017144687.1| PREDICTED: rho GTPase-activating protein 100F isoform X2 [D:
>gi|1037099338|ref|XP 017144692.1| PREDICTED: rho GTPase-activating protein 100F isoform X5 [Di
>gi|1037099350|ref|XP_017144693.1| PREDICTED: rho GTPase-activating protein 100F isoform X6 [Di
>gi|1037099314|ref|XP 017144688.1| PREDICTED: rho GTPase-activating protein 100F isoform X3 [Di
>gi|1037099326|ref|XP_017144689.1| PREDICTED: rho GTPase-activating protein 100F isoform X4 [Di
>gi|1037099362|ref|XP_017144694.1| PREDICTED: rho GTPase-activating protein 100F isoform X7 [Di
>gi|1037034514|ref|XP_017140164.1| PREDICTED: uncharacterized protein LOC108154405 [Drosophila
>gi|1037102691|ref|XP_017145001.1| PREDICTED: uncharacterized protein LOC108157451 [Drosophila
>gi|1037102700|ref|XP_017145002.1| PREDICTED: uncharacterized protein LOC108157452 isoform X1
>gi|1037102711|ref|XP_017145003.1| PREDICTED: uncharacterized protein LOC108157452 isoform X2
>gi|1037102722|ref|XP_017145004.1| PREDICTED: uncharacterized protein LOC108157452 isoform X3
>gi|1037102731|ref|XP_017145005.1| PREDICTED: uncharacterized protein LOC108157452 isoform X4
>gi|1037102682|ref|XP_017145000.1| PREDICTED: facilitated trehalose transporter Tret1-2 homological description of the second se
>gi|1037102672|ref|XP_017144999.1| PREDICTED: facilitated trehalose transporter Tret1-2 homological design and the second second
>gi|1037103675|ref|XP_017145113.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037103685|ref|XP_017145115.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037106354|ref|XP_017145484.1| PREDICTED: farnesol dehydrogenase-like [Drosophila miranda]
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>gi|1037032688|ref|XP_017140053.1| PREDICTED: farnesol dehydrogenase-like [Drosophila miranda]
>gi|1037065741|ref|XP_017142223.1| PREDICTED: farnesol dehydrogenase-like [Drosophila miranda]
>gi|1037065625|ref|XP_017142216.1| PREDICTED: protein dispatched isoform X1 [Drosophila mirand
>gi|1037065641|ref|XP_017142217.1| PREDICTED: protein dispatched isoform X2 [Drosophila mirand
>gi|1037065725|ref|XP_017142222.1| PREDICTED: evolutionarily conserved signaling intermediate
>gi|1037065659|ref|XP_017142218.1| PREDICTED: GTP-binding protein 2 [Drosophila miranda]
>gi|1037065675|ref|XP 017142219.1| PREDICTED: GTP-binding protein 2 [Drosophila miranda]
>gi|1037065693|ref|XP_017142220.1| PREDICTED: GTP-binding protein 2 [Drosophila miranda]
>gi|1037065709|ref|XP_017142221.1| PREDICTED: GTP-binding protein 2 [Drosophila miranda]
>gi|1037097145|ref|XP_017144488.1| PREDICTED: uncharacterized protein LOC108157117 [Drosophila
>gi|1037032205|ref|XP_017140022.1| PREDICTED: general odorant-binding protein 83a [Drosophila 1
>gi|1037032227|ref|XP_017140023.1| PREDICTED: general odorant-binding protein 83a [Drosophila 1
>gi|1037032603|ref|XP_017140047.1| PREDICTED: pheromone-binding protein-related protein 6 [Dros
>gi|1037034696|ref|XP_017140176.1| PREDICTED: akirin-like [Drosophila miranda]
>gi|1037075991|ref|XP_017142930.1| PREDICTED: ATP-dependent RNA helicase p62 isoform X2 [Droso
>gi|1037075976|ref|XP_017142929.1| PREDICTED: ATP-dependent RNA helicase p62 isoform X1 [Droso
>gi|1037076034|ref|XP_017142932.1| PREDICTED: probable small nuclear ribonucleoprotein G [Dros
>gi|1037076022|ref|XP_017142931.1| PREDICTED: low choriolytic enzyme [Drosophila miranda]
>gi|1037106197|ref|XP_017145464.1| PREDICTED: uncharacterized protein LOC108157785 [Drosophila
>gi|1037023789|ref|XP 017139508.1| PREDICTED: putative odorant receptor 83c [Drosophila mirand
>gi|1037101567|ref|XP_017144885.1| PREDICTED: uncharacterized protein LOC108157370 isoform X2
>gi|1037101558|ref|XP 017144884.1| PREDICTED: uncharacterized protein LOC108157370 isoform X1
>gi|1037101605|ref|XP_017144890.1| PREDICTED: uncharacterized protein LOC108157373 [Drosophila
>gi|1037101595|ref|XP_017144889.1| PREDICTED: uncharacterized protein LOC108157371 isoform X3
>gi|1037101577|ref|XP_017144887.1| PREDICTED: uncharacterized protein LOC108157371 isoform X1
>gi|1037101587|ref|XP_017144888.1| PREDICTED: general odorant-binding protein 99b isoform X2 [
>gi|1037036759|ref|XP_017140286.1| PREDICTED: V-type proton ATPase subunit F [Drosophila miran
>gi|1037038993|ref|XP_017140421.1| PREDICTED: glutaredoxin domain-containing cysteine-rich pro
>gi|1037033833|ref|XP_017140121.1| PREDICTED: uncharacterized protein LOC108154367 [Drosophila
>gi|1037039696|ref|XP_017140468.1| PREDICTED: uncharacterized protein LOC108154648 [Drosophila
>gi|1037101901|ref|XP_017144921.1| PREDICTED: uncharacterized protein LOC108157391 [Drosophila
>gi|1037101861|ref|XP_017144917.1| PREDICTED: neuropeptide F receptor isoform X1 [Drosophila m
>gi|1037101869|ref|XP 017144918.1| PREDICTED: neuropeptide F receptor isoform X1 [Drosophila m
>gi|1037101889|ref|XP_017144920.1| PREDICTED: neuropeptide F receptor isoform X3 [Drosophila m
>gi|1037101879|ref|XP 017144919.1| PREDICTED: neuropeptide F receptor isoform X2 [Drosophila m
>gi|1037101851|ref|XP_017144915.1| PREDICTED: uncharacterized protein LOC108157389 [Drosophila
>gi|1037037842|ref|XP_017140348.1| PREDICTED: uncharacterized protein LOC108154559 [Drosophila
>gi|1037023807|ref|XP_017139509.1| PREDICTED: uncharacterized protein LOC108153925 [Drosophila
>gi|1037037031|ref|XP_017140302.1| PREDICTED: uncharacterized protein LOC108154513 [Drosophila
>gi|1037039990|ref|XP_017140489.1| PREDICTED: uncharacterized protein LOC108154663 isoform X1
>gi|1037040006|ref|XP_017140490.1| PREDICTED: uncharacterized protein LOC108154663 isoform X2
>gi|1037038143|ref|XP_017140367.1| PREDICTED: keratin, type II cytoskeletal 2 oral [Drosophila
>gi|1037038219|ref|XP 017140372.1| PREDICTED: uncharacterized protein LOC108154581 [Drosophila
>gi|1037040022|ref|XP_017140491.1| PREDICTED: uncharacterized protein LOC108154664 [Drosophila
>gi|1037106821|ref|XP_017145551.1| PREDICTED: uncharacterized protein LOC108157856 [Drosophila
>gi|1037023824|ref|XP_017139510.1| PREDICTED: uncharacterized protein LOC108153926, partial [Di
>gi|1037023852|ref|XP_017139512.1| PREDICTED: uncharacterized protein LOC108153927 [Drosophila
>gi|1037023870|ref|XP_017139513.1| PREDICTED: uncharacterized protein LOC108153928 [Drosophila
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>gi|1037036922|ref|XP 017140296.1| PREDICTED: acanthoscurrin-1 [Drosophila miranda]
>gi|1037023886|ref|XP_017139514.1| PREDICTED: uncharacterized protein LOC108153929 [Drosophila
>gi|1037040843|ref|XP_017140547.1| PREDICTED: uncharacterized protein LOC108154708 [Drosophila
>gi|1037036777|ref|XP_017140287.1| PREDICTED: uncharacterized protein LOC108154498 [Drosophila
>gi|1037039712|ref|XP 017140469.1| PREDICTED: uncharacterized protein LOC108154649 [Drosophila
>gi|1037023904|ref|XP_017139515.1| PREDICTED: uncharacterized protein LOC108153930 [Drosophila
>gi|1037023922|ref|XP 017139516.1| PREDICTED: uncharacterized protein LOC108153931 [Drosophila
>gi|1037023938|ref|XP_017139517.1| PREDICTED: uncharacterized protein LOC108153932 [Drosophila
>gi|1037105602|ref|XP_017145381.1| PREDICTED: uncharacterized protein LOC108157723 isoform X1
>gi|1037105610|ref|XP_017145382.1| PREDICTED: uncharacterized protein LOC108157723 isoform X2
>gi|1037039666|ref|XP_017140465.1| PREDICTED: uncharacterized protein LOC108154646 [Drosophila
>gi|1037023956|ref|XP_017139519.1| PREDICTED: uncharacterized protein LOC108153933 [Drosophila
>gi|1037099393|ref|XP_017144698.1| PREDICTED: uncharacterized protein LOC108157239 [Drosophila
>gi|1037099374|ref|XP_017144696.1| PREDICTED: uncharacterized protein LOC108157238 [Drosophila
>gi|1037099385|ref|XP_017144697.1| PREDICTED: uncharacterized protein LOC108157238 [Drosophila
>gi|1037099403|ref|XP_017144699.1| PREDICTED: protein D2 [Drosophila miranda]
>gi|1037099415|ref|XP_017144700.1| PREDICTED: probable small nuclear ribonucleoprotein Sm D2 [
>gi|1037098088|ref|XP 017144577.1| PREDICTED: tRNA:m(4)X modification enzyme TRM13 homolog [Dr
>gi|1037089373|ref|XP_017143886.1| PREDICTED: vesicle-fusing ATPase 2 [Drosophila miranda]
>gi|1037099708|ref|XP 017144727.1| PREDICTED: peptide tarsal-less AA [Drosophila miranda]
>gi|1037077288|ref|XP_017143013.1| PREDICTED: putative aminopeptidase W07G4.4 [Drosophila mirated
>gi|1037077303|ref|XP 017143014.1| PREDICTED: putative aminopeptidase W07G4.4 [Drosophila mirat
>gi|1037077318|ref|XP_017143016.1| PREDICTED: putative aminopeptidase W07G4.4 [Drosophila mirated]
>gi|1037077332|ref|XP_017143017.1| PREDICTED: protein BCCIP homolog [Drosophila miranda]
>gi|1037077360|ref|XP_017143019.1| PREDICTED: LOW QUALITY PROTEIN: mediator of RNA polymerase
>gi|1037077374|ref|XP_017143020.1| PREDICTED: COX assembly mitochondrial protein 2 homolog [Drefine of the control of the cont
>gi|1037077346|ref|XP_017143018.1| PREDICTED: FAM206 family protein CG9288 [Drosophila miranda]
>gi|1037091912|ref|XP_017144084.1| PREDICTED: LOW QUALITY PROTEIN: protein fork head [Drosophi
>gi|1037096719|ref|XP_017144449.1| PREDICTED: zinc finger protein 330 homolog [Drosophila mirate
>gi|1037105100|ref|XP_017145308.1| PREDICTED: uncharacterized protein LOC108157661 [Drosophila
>gi|1037031563|ref|XP_017139988.1| PREDICTED: uncharacterized protein LOC108154263 [Drosophila
>gi|1037070486|ref|XP_017142549.1| PREDICTED: signal transducer and transcription activator is
>gi|1037070502|ref|XP 017142550.1| PREDICTED: signal transducer and transcription activator is
>gi|1037070534|ref|XP_017142552.1| PREDICTED: signal transducer and transcription activator is
>gi|1037070518|ref|XP 017142551.1| PREDICTED: signal transducer and transcription activator is
>gi|1037070550|ref|XP_017142553.1| PREDICTED: signal transducer and transcription activator is
>gi|1037070565|ref|XP 017142554.1| PREDICTED: signal transducer and transcription activator is
>gi|1037070581|ref|XP_017142556.1| PREDICTED: metallothionein-4 [Drosophila miranda]
>gi|1037070597|ref|XP_017142557.1| PREDICTED: metallothionein-2 [Drosophila miranda]
>gi|1037104776|ref|XP_017145261.1| PREDICTED: vesicular glutamate transporter 1 [Drosophila mi
>gi|1037038157|ref|XP_017140368.1| PREDICTED: metallothionein-2 [Drosophila miranda]
>gi|1037106338|ref|XP_017145482.1| PREDICTED: uncharacterized protein LOC108157801 [Drosophila
>gi|1037106332|ref|XP 017145481.1| PREDICTED: mitochondrial dicarboxylate carrier [Drosophila 1
>gi|1037096053|ref|XP_017144389.1| PREDICTED: uncharacterized protein LOC108157065 [Drosophila
>gi|1037096062|ref|XP_017144390.1| PREDICTED: serine/threonine-protein phosphatase 2A regulator
>gi|1037096084|ref|XP_017144393.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037096072|ref|XP_017144391.1| PREDICTED: trimethyllysine dioxygenase, mitochondrial [Dros
>gi|1037036834|ref|XP_017140290.1| PREDICTED: metallothionein-3-like [Drosophila miranda]
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>gi|1037023970|ref|XP_017139520.1| PREDICTED: uncharacterized protein LOC108153934 [Drosophila
>gi|1037057274|ref|XP_017141649.1| PREDICTED: NAD-dependent protein deacetylase Sirt2 [Drosoph
>gi|1037057243|ref|XP_017141647.1| PREDICTED: zinc finger protein 836 isoform X1 [Drosophila m
>gi|1037057259|ref|XP_017141648.1| PREDICTED: zinc finger protein 501 isoform X2 [Drosophila m
>gi|1037057306|ref|XP_017141651.1| PREDICTED: oxysterol-binding protein-related protein 8 isof
>gi|1037057290|ref|XP_017141650.1| PREDICTED: oxysterol-binding protein-related protein 8 isof
>gi|1037057322|ref|XP_017141653.1| PREDICTED: oxysterol-binding protein-related protein 8 isof
>gi|1037057338|ref|XP_017141654.1| PREDICTED: oxysterol-binding protein-related protein 8 isof
>gi|1037057354|ref|XP_017141655.1| PREDICTED: oxysterol-binding protein-related protein 8 isof
>gi|1037057370|ref|XP_017141656.1| PREDICTED: uncharacterized protein LOC108155387 [Drosophila
>gi|1037057386|ref|XP_017141657.1| PREDICTED: thioredoxin domain-containing protein 9 [Drosoph
>gi|1037078977|ref|XP_017143137.1| PREDICTED: 205 kDa microtubule-associated protein [Drosophi
>gi|1037094049|ref|XP_017144231.1| PREDICTED: DNA-binding protein modulo [Drosophila miranda]
>gi|1037088773|ref|XP_017143839.1| PREDICTED: beta-arrestin-1 [Drosophila miranda]
>gi|1037023988|ref|XP_017139521.1| PREDICTED: uncharacterized protein LOC108153935 [Drosophila
>gi|1037100832|ref|XP_017144823.1| PREDICTED: uncharacterized protein LOC108157319 [Drosophila
>gi|1037100920|ref|XP_017144833.1| PREDICTED: uncharacterized protein LOC108157327 [Drosophila
>gi|1037100910|ref|XP_017144832.1| PREDICTED: cell differentiation protein RCD1 homolog [Droso
>gi|1037101271|ref|XP_017144863.1| PREDICTED: protein strawberry notch-like isoform X2 [Drosop
>gi|1037101261|ref|XP_017144862.1| PREDICTED: protein strawberry notch-like isoform X1 [Drosop
>gi|1037032263|ref|XP_017140025.1| PREDICTED: uncharacterized protein CG13380-like [Drosophila
>gi|1037035923|ref|XP 017140238.1| PREDICTED: uncharacterized protein LOC108154475 [Drosophila
>gi|1037048847|ref|XP_017141077.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1037048859|ref|XP_017141078.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1037048875|ref|XP_017141079.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1037048780|ref|XP_017141072.1| PREDICTED: polypyrimidine tract-binding protein 1 isoform X
>gi|1037048800|ref|XP_017141073.1| PREDICTED: polypyrimidine tract-binding protein 1 isoform X
>gi|1037048764|ref|XP_017141071.1| PREDICTED: polypyrimidine tract-binding protein 1 isoform X
>gi|1037048816|ref|XP_017141074.1| PREDICTED: polypyrimidine tract-binding protein 1 isoform X
>gi|1037048832|ref|XP_017141075.1| PREDICTED: polypyrimidine tract-binding protein 1 isoform X-
>gi|1037067691|ref|XP_017142353.1| PREDICTED: uncharacterized protein LOC108155793 isoform X2
>gi|1037067677|ref|XP_017142352.1| PREDICTED: uncharacterized protein LOC108155793 isoform X1
>gi|1037067661|ref|XP_017142351.1| PREDICTED: telomerase-binding protein EST1A [Drosophila mire
>gi|1037061625|ref|XP_017141952.1| PREDICTED: WD repeat-containing protein 91 [Drosophila mirated
>gi|1037061593|ref|XP 017141949.1| PREDICTED: uncharacterized protein LOC108155567 isoform X2
>gi|1037061609|ref|XP_017141950.1| PREDICTED: uncharacterized protein LOC108155567 isoform X3
>gi|1037061568|ref|XP_017141948.1| PREDICTED: uncharacterized protein LOC108155567 isoform X1
>gi|1037081655|ref|XP_017143330.1| PREDICTED: U1 small nuclear ribonucleoprotein C [Drosophila
>gi|1037081641|ref|XP_017143329.1| PREDICTED: deoxynucleoside kinase [Drosophila miranda]
>gi|1037081627|ref|XP_017143328.1| PREDICTED: WD40 repeat-containing protein SMU1 [Drosophila in the containing protein SMU1 [Drosophila in the containing
>gi|1037081669|ref|XP_017143332.1| PREDICTED: uncharacterized protein LOC108156404 isoform X1
>gi|1037081685|ref|XP_017143333.1| PREDICTED: uncharacterized protein LOC108156404 isoform X2
>gi|1037097980|ref|XP_017144568.1| PREDICTED: tolloid-like protein 2 isoform X2 [Drosophila mi
>gi|1037097958|ref|XP_017144566.1| PREDICTED: tolloid-like protein 2 isoform X1 [Drosophila mi
>gi|1037097969|ref|XP_017144567.1| PREDICTED: tolloid-like protein 2 isoform X1 [Drosophila mi
>gi|1037098051|ref|XP_017144573.1| PREDICTED: tolloid-like protein 2 isoform X6 [Drosophila mi
>gi|1037097991|ref|XP_017144569.1| PREDICTED: tolloid-like protein 2 isoform X3 [Drosophila mi
>gi|1037098000|ref|XP_017144570.1| PREDICTED: tolloid-like protein 2 isoform X4 [Drosophila mi
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>gi|1037098031|ref|XP_017144571.1| PREDICTED: tolloid-like protein 2 isoform X5 [Drosophila mi
>gi|1037098061|ref|XP_017144574.1| PREDICTED: uncharacterized protein LOC108157167 [Drosophila
>gi|1037098069|ref|XP_017144575.1| PREDICTED: uncharacterized protein LOC108157167 [Drosophila
>gi|1037086044|ref|XP_017143659.1| PREDICTED: mitochondrial pyruvate carrier 1 [Drosophila mir
>gi|1037086030|ref|XP 017143658.1| PREDICTED: uncharacterized protein LOC108156615 [Drosophila
>gi|1037102993|ref|XP_017145033.1| PREDICTED: N-sulphoglucosamine sulphohydrolase [Drosophila 1
>gi|1037094265|ref|XP 017144247.1| PREDICTED: endophilin-A [Drosophila miranda]
>gi|1037094279|ref|XP_017144248.1| PREDICTED: endophilin-A [Drosophila miranda]
>gi|1037094293|ref|XP_017144249.1| PREDICTED: endophilin-A [Drosophila miranda]
>gi|1037098208|ref|XP_017144592.1| PREDICTED: uncharacterized protein LOC108157180 [Drosophila
>gi|1037098191|ref|XP_017144590.1| PREDICTED: uncharacterized protein LOC108157178 [Drosophila
>gi|1037098199|ref|XP_017144591.1| PREDICTED: uncharacterized protein LOC108157179 [Drosophila
>gi|1037098174|ref|XP_017144587.1| PREDICTED: opsin Rh2 [Drosophila miranda]
>gi|1037098181|ref|XP_017144588.1| PREDICTED: low molecular weight phosphotyrosine protein phosphotyrosine
>gi|1037036602|ref|XP_017140278.1| PREDICTED: kunitz-type serine protease inhibitor Hg1 [Droso
>gi|1037105672|ref|XP_017145390.1| PREDICTED: alpha-2Db adrenergic receptor isoform X1 [Drosop:
>gi|1037105680|ref|XP_017145392.1| PREDICTED: alpha-2Db adrenergic receptor isoform X2 [Drosop
>gi|1037105688|ref|XP_017145393.1| PREDICTED: alpha-2Db adrenergic receptor isoform X3 [Drosop:
>gi|1037100173|ref|XP_017144759.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dr
>gi|1037100185|ref|XP 017144760.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dr.
>gi|1037100197|ref|XP_017144761.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dr
>gi|1037103693|ref|XP 017145116.1| PREDICTED: sodium-coupled monocarboxylate transporter 2 [Dref|XP 017145116.1]
>gi|1037097723|ref|XP_017144542.1| PREDICTED: sodium-coupled monocarboxylate transporter 2-lik
>gi|1037097734|ref|XP_017144543.1| PREDICTED: sodium-coupled monocarboxylate transporter 2-like
>gi|1037097744|ref|XP_017144544.1| PREDICTED: sodium-coupled monocarboxylate transporter 2-lik
>gi|1037097756|ref|XP_017144545.1| PREDICTED: sodium-coupled monocarboxylate transporter 2 [Dref|XP_017144545.1]
>gi|1037097774|ref|XP_017144547.1| PREDICTED: putative glycine-rich cell wall structural prote
>gi|1037097764|ref|XP_017144546.1| PREDICTED: glycine-rich cell wall structural protein 2 isof
>gi|1037034238|ref|XP_017140146.1| PREDICTED: cytochrome c oxidase subunit 7A-related protein,
>gi|1037095925|ref|XP_017144376.1| PREDICTED: uncharacterized protein F21D5.5 [Drosophila mirated protein F21D5.5]
>gi|1037095937|ref|XP_017144377.1| PREDICTED: ADP-ribosylation factor-like protein 2 [Drosophi
>gi|1037101956|ref|XP_017144926.1| PREDICTED: cytochrome c oxidase subunit 7A, mitochondrial [
>gi|1037067964|ref|XP_017142373.1| PREDICTED: paired box pox-meso protein [Drosophila miranda]
>gi|1037068036|ref|XP_017142378.1| PREDICTED: actin cytoskeleton-regulatory complex protein par
>gi|1037068022|ref|XP 017142377.1| PREDICTED: high affinity copper uptake protein 1 [Drosophile
>gi|1037067949|ref|XP_017142372.1| PREDICTED: 4-hydroxybenzoate polyprenyltransferase, mitocho:
>gi|1037067935|ref|XP_017142371.1| PREDICTED: eukaryotic initiation factor 4A-III [Drosophila i
>gi|1037068008|ref|XP_017142376.1| PREDICTED: uncharacterized protein LOC108155807 [Drosophila
>gi|1037067994|ref|XP_017142375.1| PREDICTED: uncharacterized protein LOC108155805 [Drosophila
>gi|1037068052|ref|XP_017142380.1| PREDICTED: basic-leucine zipper transcription factor A [Droplet of the content of the conte
>gi|1037067980|ref|XP_017142374.1| PREDICTED: THO complex subunit 3 [Drosophila miranda]
>gi|1037024004|ref|XP_017139522.1| PREDICTED: protein SGT1 homolog [Drosophila miranda]
>gi|1037084346|ref|XP 017143535.1| PREDICTED: protein SGT1 homolog [Drosophila miranda]
>gi|1037084333|ref|XP_017143534.1| PREDICTED: GDP-fucose transporter 1 [Drosophila miranda]
>gi|1037084319|ref|XP_017143533.1| PREDICTED: 39S ribosomal protein L1, mitochondrial [Drosoph
>gi|1037096005|ref|XP_017144384.1| PREDICTED: uncharacterized protein LOC108157063 isoform X1
>gi|1037096015|ref|XP_017144385.1| PREDICTED: uncharacterized protein LOC108157063 isoform X1
>gi|1037096035|ref|XP_017144387.1| PREDICTED: uncharacterized protein LOC108157063 isoform X3
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>gi|1037096025|ref|XP_017144386.1| PREDICTED: uncharacterized protein LOC108157063 isoform X2
>gi|1037096043|ref|XP_017144388.1| PREDICTED: uncharacterized protein LOC108157064 [Drosophila
>gi|1037034482|ref|XP_017140162.1| PREDICTED: uncharacterized protein LOC108154403 [Drosophila
>gi|1037033378|ref|XP_017140093.1| PREDICTED: uncharacterized protein LOC108154342 [Drosophila
>gi|1037032396|ref|XP 017140033.1| PREDICTED: protein C19orf12 homolog [Drosophila miranda]
>gi|1037031510|ref|XP_017139984.1| PREDICTED: protein atonal [Drosophila miranda]
>gi|1037047436|ref|XP 017140985.1| PREDICTED: phenylalanine--tRNA ligase beta subunit [Drosoph
>gi|1037047468|ref|XP_017140988.1| PREDICTED: ankyrin repeat and KH domain-containing protein
>gi|1037047452|ref|XP_017140986.1| PREDICTED: ankyrin repeat and KH domain-containing protein
>gi|1037090183|ref|XP_017143953.1| PREDICTED: signal peptidase complex subunit 3 [Drosophila m
>gi|1037090169|ref|XP_017143951.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037040716|ref|XP_017140540.1| PREDICTED: transcription factor Sp4 [Drosophila miranda]
>gi|1037040785|ref|XP_017140545.1| PREDICTED: telomere-binding protein cav [Drosophila miranda]
>gi|1037040748|ref|XP_017140542.1| PREDICTED: CCR4-NOT transcription complex subunit 6 [Drosop
>gi|1037040762|ref|XP_017140543.1| PREDICTED: CCR4-NOT transcription complex subunit 6 [Drosop
>gi|1037040732|ref|XP_017140541.1| PREDICTED: uncharacterized protein LOC108154702 [Drosophila
>gi|1037024024|ref|XP_017139523.1| PREDICTED: LOW QUALITY PROTEIN: NFX1-type zinc finger-conta
>gi|1037040696|ref|XP_017140539.1| PREDICTED: LOW QUALITY PROTEIN: structural maintenance of ci
>gi|1037040801|ref|XP_017140546.1| PREDICTED: RWD domain-containing protein 1 [Drosophila mirated]
>gi|1037040770|ref|XP 017140544.1| PREDICTED: cysteine and histidine-rich domain-containing pro-
>gi|1037103840|ref|XP_017145134.1| PREDICTED: uncharacterized protein LOC108157542 isoform X2
>gi|1037103832|ref|XP 017145133.1| PREDICTED: uncharacterized protein LOC108157542 isoform X1
>gi|1037070628|ref|XP_017142559.1| PREDICTED: vesicular integral-membrane protein VIP36 [Droso
>gi|1037070613|ref|XP_017142558.1| PREDICTED: adenomatous polyposis coli protein [Drosophila m
>gi|1037070660|ref|XP_017142561.1| PREDICTED: 28S ribosomal protein S24, mitochondrial [Drosop
>gi|1037070644|ref|XP_017142560.1| PREDICTED: TBC1 domain family member 7 [Drosophila miranda]
>gi|1037080758|ref|XP_017143261.1| PREDICTED: unconventional myosin-Ib isoform X1 [Drosophila i
>gi|1037080774|ref|XP_017143262.1| PREDICTED: unconventional myosin-Ia isoform X2 [Drosophila i
>gi|1037080788|ref|XP_017143263.1| PREDICTED: uncharacterized protein LOC108156368 isoform X3
>gi|1037080802|ref|XP_017143264.1| PREDICTED: 4-coumarate--CoA ligase 1 [Drosophila miranda]
>gi|1037080816|ref|XP_017143265.1| PREDICTED: 4-coumarate--CoA ligase 1 [Drosophila miranda]
>gi|1037080830|ref|XP_017143267.1| PREDICTED: 4-coumarate--CoA ligase 1 [Drosophila miranda]
>gi|1037099590|ref|XP_017144716.1| PREDICTED: mitogen-activated protein kinase 14A [Drosophila
>gi|1037099578|ref|XP_017144715.1| PREDICTED: mitogen-activated protein kinase 14A-like [Droso
>gi|1037096402|ref|XP 017144422.1| PREDICTED: serine--tRNA synthetase-like protein Slimp [Dros
>gi|1037096390|ref|XP_017144421.1| PREDICTED: anosmin-1 [Drosophila miranda]
>gi|1037088975|ref|XP_017143856.1| PREDICTED: epididymal secretory protein E1 isoform X2 [Dros
>gi|1037088963|ref|XP_017143855.1| PREDICTED: epididymal secretory protein E1 isoform X1 [Dros
>gi|1037089003|ref|XP_017143857.1| PREDICTED: epididymal secretory protein E1 isoform X3 [Dros
>gi|1037088949|ref|XP_017143854.1| PREDICTED: exocyst complex component 5 [Drosophila miranda]
>gi|1037024042|ref|XP_017139524.1| PREDICTED: hamartin, partial [Drosophila miranda]
>gi|1037086849|ref|XP_017143721.1| PREDICTED: glutamyl-tRNA(Gln) amidotransferase subunit B, m
>gi|1037086807|ref|XP 017143718.1| PREDICTED: rootletin [Drosophila miranda]
>gi|1037086821|ref|XP_017143719.1| PREDICTED: rootletin [Drosophila miranda]
>gi|1037086835|ref|XP_017143720.1| PREDICTED: uncharacterized protein LOC108156633 [Drosophila
>gi|1037093587|ref|XP_017144196.1| PREDICTED: uncharacterized protein LOC108156943 [Drosophila
>gi|1037093599|ref|XP_017144198.1| PREDICTED: ADP-ribosylation factor-like protein 6-interacting
>gi|1037045574|ref|XP_017140861.1| PREDICTED: eukaryotic translation initiation factor 4E type
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>gi|1037045522|ref|XP_017140857.1| PREDICTED: eukaryotic translation initiation factor 4E type
>gi|1037045538|ref|XP_017140858.1| PREDICTED: eukaryotic translation initiation factor 4E type
>gi|1037045588|ref|XP 017140862.1| PREDICTED: eukaryotic translation initiation factor 4E type
>gi|1037045490|ref|XP_017140855.1| PREDICTED: UV excision repair protein RAD23 homolog A [Dros
>gi|1037045558|ref|XP 017140859.1| PREDICTED: eukaryotic translation initiation factor 4E type
>gi|1037045506|ref|XP_017140856.1| PREDICTED: syntaxin-1A [Drosophila miranda]
>gi|1037045442|ref|XP 017140852.1| PREDICTED: structural maintenance of chromosomes protein 1A
>gi|1037045474|ref|XP_017140854.1| PREDICTED: heat shock protein 68 isoform X2 [Drosophila mire
>gi|1037045458|ref|XP_017140853.1| PREDICTED: heat shock protein 68 isoform X1 [Drosophila mire
>gi|1037044949|ref|XP_017140819.1| PREDICTED: heat shock protein 67B2 [Drosophila miranda]
>gi|1037044910|ref|XP_017140816.1| PREDICTED: phosphatidylserine decarboxylase proenzyme, mito-
>gi|1037044924|ref|XP_017140817.1| PREDICTED: beclin-1-like protein [Drosophila miranda]
>gi|1037044934|ref|XP_017140818.1| PREDICTED: protein SDE2 homolog [Drosophila miranda]
>gi|1037044874|ref|XP_017140813.1| PREDICTED: nucleolysin TIAR isoform X1 [Drosophila miranda]
>gi|1037044890|ref|XP_017140814.1| PREDICTED: nucleolysin TIAR isoform X2 [Drosophila miranda]
>gi|1037044779|ref|XP_017140807.1| PREDICTED: spastin isoform X2 [Drosophila miranda]
>gi|1037044763|ref|XP_017140806.1| PREDICTED: spastin isoform X1 [Drosophila miranda]
>gi|1037044795|ref|XP 017140808.1| PREDICTED: spastin isoform X3 [Drosophila miranda]
>gi|1037044811|ref|XP_017140809.1| PREDICTED: mitochondrial Rho GTPase isoform X1 [Drosophila i
>gi|1037044827|ref|XP 017140810.1| PREDICTED: mitochondrial Rho GTPase isoform X2 [Drosophila 1
>gi|1037044843|ref|XP_017140811.1| PREDICTED: mitochondrial Rho GTPase isoform X3 [Drosophila i
>gi|1037044859|ref|XP 017140812.1| PREDICTED: probable N6-adenosine-methyltransferase MT-A70-1
>gi|1037063468|ref|XP_017142080.1| PREDICTED: phosphofurin acidic cluster sorting protein 2 is
>gi|1037063482|ref|XP_017142081.1| PREDICTED: phosphofurin acidic cluster sorting protein 2 is
>gi|1037063498|ref|XP_017142082.1| PREDICTED: UPF0692 protein CG33108 [Drosophila miranda]
>gi|1037063545|ref|XP_017142085.1| PREDICTED: U6 snRNA-associated Sm-like protein LSm3 [Drosop
>gi|1037063513|ref|XP_017142083.1| PREDICTED: ras-related protein Rab-7a [Drosophila miranda]
>gi|1037063529|ref|XP_017142084.1| PREDICTED: ras-related protein Rab-7a [Drosophila miranda]
>gi|1037104499|ref|XP_017145222.1| PREDICTED: uncharacterized protein LOC108157605 [Drosophila
>gi|1037075639|ref|XP_017142905.1| PREDICTED: protein UBASH3A homolog isoform X1 [Drosophila m
>gi|1037075655|ref|XP_017142906.1| PREDICTED: protein UBASH3A homolog isoform X2 [Drosophila m
>gi|1037075671|ref|XP_017142907.1| PREDICTED: uncharacterized protein CG5902 [Drosophila miran-
>gi|1037075687|ref|XP 017142908.1| PREDICTED: uncharacterized protein CG5902 [Drosophila mirane
>gi|1037075701|ref|XP_017142910.1| PREDICTED: uncharacterized protein CG5902 [Drosophila miran-
>gi|1037075717|ref|XP 017142911.1| PREDICTED: uncharacterized protein CG5902 [Drosophila miran
>gi|1037075733|ref|XP_017142912.1| PREDICTED: transmembrane protein 179 [Drosophila miranda]
>gi|1037090877|ref|XP_017144007.1| PREDICTED: diacylglycerol kinase theta isoform X2 [Drosophi
>gi|1037090863|ref|XP_017144006.1| PREDICTED: diacylglycerol kinase theta isoform X1 [Drosophi
>gi|1037093787|ref|XP_017144210.1| PREDICTED: AP-1 complex subunit sigma-2 isoform X1 [Drosoph
>gi|1037093815|ref|XP_017144212.1| PREDICTED: AP-1 complex subunit sigma-2 isoform X3 [Drosoph
>gi|1037093829|ref|XP_017144214.1| PREDICTED: AP-1 complex subunit sigma-2 isoform X3 [Drosoph
>gi|1037093843|ref|XP_017144215.1| PREDICTED: AP-1 complex subunit sigma-2 isoform X4 [Drosoph
>gi|1037093801|ref|XP_017144211.1| PREDICTED: AP-1 complex subunit sigma-2 isoform X2 [Drosoph
>gi|1037093856|ref|XP_017144216.1| PREDICTED: AP-1 complex subunit sigma-2 isoform X5 [Drosoph
>gi|1037076095|ref|XP_017142935.1| PREDICTED: bifunctional glutamate/proline--tRNA ligase [Dros
>gi|1037078239|ref|XP_017143088.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 isoform
>gi|1037078251|ref|XP_017143089.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 isoform
>gi|1037078277|ref|XP_017143091.1| PREDICTED: ras-related protein Ral-a-like [Drosophila miran
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>gi|1037078225|ref|XP 017143086.1| PREDICTED: LOW QUALITY PROTEIN: glutamate dehydrogenase, mi
>gi|1037078265|ref|XP_017143090.1| PREDICTED: uncharacterized protein LOC108156251 [Drosophila
>gi|1037100648|ref|XP_017144802.1| PREDICTED: LOW QUALITY PROTEIN: 40S ribosomal protein S19b
>gi|1037100638|ref|XP_017144801.1| PREDICTED: uncharacterized protein LOC108157308 [Drosophila
>gi|1037072539|ref|XP 017142688.1| PREDICTED: 26S protease regulatory subunit 4 [Drosophila min
>gi|1037072649|ref|XP_017142696.1| PREDICTED: uncharacterized protein YAE1 [Drosophila miranda]
>gi|1037072601|ref|XP 017142693.1| PREDICTED: probable DNA-directed RNA polymerase III subunit
>gi|1037072617|ref|XP_017142694.1| PREDICTED: probable DNA-directed RNA polymerase III subunit
>gi|1037072555|ref|XP_017142689.1| PREDICTED: selenide, water dikinase 2 [Drosophila miranda]
>gi|1037072585|ref|XP_017142692.1| PREDICTED: zinc finger protein-like 1 homolog [Drosophila m
>gi|1037072569|ref|XP_017142690.1| PREDICTED: transmembrane protein 199 [Drosophila miranda]
>gi|1037072633|ref|XP_017142695.1| PREDICTED: biogenesis of lysosome-related organelles complete
>gi|1037085793|ref|XP_017143640.1| PREDICTED: bifunctional arginine demethylase and lysyl-hydrogeneous arginine demethylase ar
>gi|1037085809|ref|XP_017143641.1| PREDICTED: GTP-binding protein SAR1b [Drosophila miranda]
>gi|1037079677|ref|XP 017143177.1| PREDICTED: uncharacterized protein LOC108156302 isoform X3
>gi|1037079663|ref|XP_017143176.1| PREDICTED: uncharacterized protein LOC108156302 isoform X2
>gi|1037079649|ref|XP_017143175.1| PREDICTED: uncharacterized protein LOC108156302 isoform X1
>gi|1037079705|ref|XP_017143179.1| PREDICTED: phosphoinositide 3-kinase adapter protein 1 isof
>gi|1037079691|ref|XP_017143178.1| PREDICTED: phosphoinositide 3-kinase adapter protein 1 isof
>gi|1037038076|ref|XP 017140361.1| PREDICTED: salivary glue protein Sgs-3-like [Drosophila mire
>gi|1037076583|ref|XP_017142965.1| PREDICTED: uncharacterized protein LOC108156152 [Drosophila
>gi|1037076615|ref|XP 017142967.1| PREDICTED: cystatin-like protein [Drosophila miranda]
>gi|1037076631|ref|XP_017142969.1| PREDICTED: cystatin-like protein [Drosophila miranda]
>gi|1037076599|ref|XP_017142966.1| PREDICTED: uncharacterized protein LOC108156153 [Drosophila
>gi|1037024060|ref|XP_017139525.1| PREDICTED: LOW QUALITY PROTEIN: bypass of stop codon protein
>gi|1037037955|ref|XP_017140355.1| PREDICTED: bypass of stop codon protein 1-like [Drosophila 1
>gi|1037035941|ref|XP_017140239.1| PREDICTED: glyceraldehyde-3-phosphate dehydrogenase 2-like
>gi|1037034725|ref|XP_017140177.1| PREDICTED: uncharacterized protein LOC108154417 [Drosophila
>gi|1037095076|ref|XP_017144309.1| PREDICTED: LOW QUALITY PROTEIN: cGMP-specific 3',5'-cyclic
>gi|1037095089|ref|XP_017144310.1| PREDICTED: putative uncharacterized protein DDB_G0271974 [D:
>gi|1037037645|ref|XP_017140339.1| PREDICTED: protein new-glue 2 [Drosophila miranda]
>gi|1037098777|ref|XP_017144647.1| PREDICTED: protein PDF [Drosophila miranda]
>gi|1037098790|ref|XP 017144648.1| PREDICTED: ELMO domain-containing protein C-like [Drosophile
>gi|1037098766|ref|XP_017144646.1| PREDICTED: golgin subfamily A member 7 [Drosophila miranda]
>gi|1037098144|ref|XP 017144584.1| PREDICTED: elastase-1 isoform X2 [Drosophila miranda]
>gi|1037098134|ref|XP_017144583.1| PREDICTED: serine protease 44 isoform X1 [Drosophila mirand
>gi|1037098116|ref|XP 017144581.1| PREDICTED: organic cation transporter protein isoform X1 [Di
>gi|1037098126|ref|XP_017144582.1| PREDICTED: organic cation transporter protein isoform X2 [Di
>gi|1037089068|ref|XP_017143863.1| PREDICTED: uncharacterized protein LOC108156723 [Drosophila
>gi|1037089056|ref|XP_017143861.1| PREDICTED: organic cation transporter protein [Drosophila m
>gi|1037089044|ref|XP_017143860.1| PREDICTED: organic cation transporter-like protein [Drosoph
>gi|1037079129|ref|XP_017143149.1| PREDICTED: myosin heavy chain 95F isoform X1 [Drosophila mi
>gi|1037079155|ref|XP_017143151.1| PREDICTED: myosin heavy chain 95F isoform X1 [Drosophila mi
>gi|1037079169|ref|XP_017143152.1| PREDICTED: myosin heavy chain 95F isoform X1 [Drosophila mi
>gi|1037079143|ref|XP_017143150.1| PREDICTED: myosin heavy chain 95F isoform X2 [Drosophila mi
>gi|1037070877|ref|XP_017142576.1| PREDICTED: probable ATP-dependent RNA helicase DDX55 homological and a second s
>gi|1037070861|ref|XP_017142575.1| PREDICTED: DNA replication licensing factor Mcm2 [Drosophile
>gi|1037070925|ref|XP_017142579.1| PREDICTED: replication protein A 70 kDa DNA-binding subunit
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>gi|1037070907|ref|XP_017142578.1| PREDICTED: ataxin-2 homolog isoform X2 [Drosophila miranda]
>gi|1037070891|ref|XP_017142577.1| PREDICTED: uncharacterized protein LOC108155932 isoform X1
>gi|1037097157|ref|XP_017144489.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like isoform
>gi|1037097169|ref|XP_017144490.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like isoform
>gi|1037097181|ref|XP 017144491.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like [Droso
>gi|1037097193|ref|XP_017144492.1| PREDICTED: tether containing UBX domain for GLUT4 [Drosophi
>gi|1037099224|ref|XP 017144679.1| PREDICTED: methylcrotonoyl-CoA carboxylase subunit alpha, m
>gi|1037070845|ref|XP_017142574.1| PREDICTED: probable ubiquitin carboxyl-terminal hydrolase F.
>gi|1037070829|ref|XP_017142573.1| PREDICTED: probable ubiquitin carboxyl-terminal hydrolase F.
>gi|1037070813|ref|XP_017142572.1| PREDICTED: probable ubiquitin carboxyl-terminal hydrolase F.
>gi|1037070781|ref|XP_017142570.1| PREDICTED: probable ubiquitin carboxyl-terminal hydrolase F.
>gi|1037070797|ref|XP_017142571.1| PREDICTED: probable ubiquitin carboxyl-terminal hydrolase F.
>gi|1037087815|ref|XP_017143765.1| PREDICTED: JNK1/MAPK8-associated membrane protein [Drosophi
>gi|1037087787|ref|XP_017143763.1| PREDICTED: E3 ubiquitin-protein ligase HRD1 [Drosophila mire
>gi|1037087801|ref|XP_017143764.1| PREDICTED: E3 ubiquitin-protein ligase HRD1 [Drosophila mir
>gi|1037082541|ref|XP_017143396.1| PREDICTED: dipeptidyl peptidase 3 isoform X1 [Drosophila mi
>gi|1037082555|ref|XP_017143397.1| PREDICTED: dipeptidyl peptidase 3 isoform X2 [Drosophila mi
>gi|1037082569|ref|XP_017143398.1| PREDICTED: trichohyalin-like [Drosophila miranda]
>gi|1037093774|ref|XP_017144209.1| PREDICTED: autophagy-related protein 13 homolog [Drosophila
>gi|1037024076|ref|XP 017139526.1| PREDICTED: uncharacterized protein LOC108153941 [Drosophila
>gi|1037076646|ref|XP_017142970.1| PREDICTED: LOW QUALITY PROTEIN: adenomatous polyposis coli
>gi|1037024094|ref|XP 017139527.1| PREDICTED: solute carrier family 41 member 2-like [Drosophi
>gi|1037091210|ref|XP_017144032.1| PREDICTED: T-complex protein 1 subunit alpha [Drosophila mi
>gi|1037091222|ref|XP_017144033.1| PREDICTED: zinc finger protein 853 [Drosophila miranda]
>gi|1037091236|ref|XP_017144034.1| PREDICTED: probable prefoldin subunit 5 [Drosophila miranda]
>gi|1037057619|ref|XP_017141674.1| PREDICTED: neurexin-1 isoform X3 [Drosophila miranda]
>gi|1037057635|ref|XP_017141675.1| PREDICTED: neurexin-1 isoform X4 [Drosophila miranda]
>gi|1037057603|ref|XP_017141673.1| PREDICTED: neurexin-1 isoform X2 [Drosophila miranda]
>gi|1037057588|ref|XP_017141672.1| PREDICTED: neurexin-1 isoform X1 [Drosophila miranda]
>gi|1037057655|ref|XP_017141676.1| PREDICTED: neurexin-1 isoform X5 [Drosophila miranda]
>gi|1037057668|ref|XP_017141677.1| PREDICTED: neurexin-1 isoform X6 [Drosophila miranda]
>gi|1037057700|ref|XP_017141679.1| PREDICTED: neurexin-3b isoform X8 [Drosophila miranda]
>gi|1037057684|ref|XP_017141678.1| PREDICTED: neurexin-3b isoform X7 [Drosophila miranda]
>gi|1037057828|ref|XP_017141688.1| PREDICTED: valacyclovir hydrolase [Drosophila miranda]
>gi|1037057860|ref|XP 017141690.1| PREDICTED: protein D3 [Drosophila miranda]
>gi|1037057844|ref|XP_017141689.1| PREDICTED: protein D3 [Drosophila miranda]
>gi|1037057796|ref|XP 017141686.1| PREDICTED: AP-2 complex subunit mu [Drosophila miranda]
>gi|1037057812|ref|XP_017141687.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 6 [
>gi|1037057731|ref|XP_017141681.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1037057715|ref|XP_017141680.1| PREDICTED: broad-complex core protein isoform X1 [Drosophile
>gi|1037057763|ref|XP_017141683.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1037057747|ref|XP_017141682.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1037057778|ref|XP_017141685.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1037032297|ref|XP_017140028.1| PREDICTED: uncharacterized protein LOC108154288 [Drosophila
>gi|1037073779|ref|XP_017142776.1| PREDICTED: uncharacterized protein LOC108156035 [Drosophila
>gi|1037106119|ref|XP_017145453.1| PREDICTED: transcription factor SPT20 homolog isoform X1 [Di
>gi|1037106127|ref|XP_017145454.1| PREDICTED: transcription factor SPT20 homolog isoform X2 [Di
>gi|1037094402|ref|XP_017144258.1| PREDICTED: uncharacterized protein LOC108156977 [Drosophila
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>gi|1037094416|ref|XP 017144259.1| PREDICTED: MOB kinase activator-like 1 [Drosophila miranda]
>gi|1037089634|ref|XP_017143905.1| PREDICTED: LOW QUALITY PROTEIN: integrator complex subunit
>gi|1037065817|ref|XP_017142228.1| PREDICTED: nucleolar protein 56 [Drosophila miranda]
>gi|1037065771|ref|XP_017142225.1| PREDICTED: clathrin interactor 1 isoform X2 [Drosophila mire
>gi|1037065757|ref|XP_017142224.1| PREDICTED: telomere length regulation protein TEL2 homolog
>gi|1037065801|ref|XP_017142227.1| PREDICTED: protein TBRG4 [Drosophila miranda]
>gi|1037065785|ref|XP 017142226.1| PREDICTED: IQ and ubiquitin-like domain-containing protein
>gi|1037032500|ref|XP_017140041.1| PREDICTED: uncharacterized protein LOC108154299 isoform X1
>gi|1037032518|ref|XP_017140042.1| PREDICTED: uncharacterized protein LOC108154299 isoform X2
>gi|1037053035|ref|XP_017141365.1| PREDICTED: uncharacterized protein LOC108155202 [Drosophila
>gi|1037053078|ref|XP_017141368.1| PREDICTED: phosphoglycerate mutase 2 isoform X3 [Drosophila
>gi|1037053065|ref|XP_017141367.1| PREDICTED: phosphoglycerate mutase 2 isoform X2 [Drosophila
>gi|1037053050|ref|XP_017141366.1| PREDICTED: phosphoglycerate mutase 2 isoform X1 [Drosophila
>gi|1037053087|ref|XP_017141369.1| PREDICTED: phosphoglycerate mutase 2 isoform X4 [Drosophila
>gi|1037053102|ref|XP_017141370.1| PREDICTED: phosphoglycerate mutase 2 isoform X5 [Drosophila
>gi|1037053118|ref|XP_017141371.1| PREDICTED: phosphoglycerate mutase 2 isoform X5 [Drosophila
>gi|1037053152|ref|XP_017141373.1| PREDICTED: carbonic anhydrase 15 [Drosophila miranda]
>gi|1037052927|ref|XP 017141357.1| PREDICTED: titin [Drosophila miranda]
>gi|1037053134|ref|XP_017141372.1| PREDICTED: protein suppressor of variegation 3-7 [Drosophile
>gi|1037053022|ref|XP_017141364.1| PREDICTED: protein suppressor of variegation 3-7 [Drosophile
>gi|1037052942|ref|XP_017141358.1| PREDICTED: uncharacterized protein LOC108155197 [Drosophila
>gi|1037052958|ref|XP 017141359.1| PREDICTED: pyruvate kinase-like [Drosophila miranda]
>gi|1037052974|ref|XP_017141360.1| PREDICTED: pyruvate kinase isoform X1 [Drosophila miranda]
>gi|1037053006|ref|XP_017141362.1| PREDICTED: pyruvate kinase isoform X3 [Drosophila miranda]
>gi|1037052990|ref|XP_017141361.1| PREDICTED: pyruvate kinase isoform X2 [Drosophila miranda]
>gi|1037089596|ref|XP_017143902.1| PREDICTED: putative OPA3-like protein CG13603 [Drosophila m
>gi|1037089588|ref|XP_017143901.1| PREDICTED: putative OPA3-like protein CG43998 [Drosophila m
>gi|1037089580|ref|XP_017143900.1| PREDICTED: putative OPA3-like protein CG13603 [Drosophila m
>gi|1037089572|ref|XP_017143899.1| PREDICTED: nucleoporin Ndc1 [Drosophila miranda]
>gi|1037081417|ref|XP_017143311.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037081431|ref|XP_017143312.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037081473|ref|XP_017143316.1| PREDICTED: mucin-5AC isoform X4 [Drosophila miranda]
>gi|1037081459|ref|XP_017143315.1| PREDICTED: mucin-5AC isoform X3 [Drosophila miranda]
>gi|1037081487|ref|XP_017143317.1| PREDICTED: mucin-5AC isoform X5 [Drosophila miranda]
>gi|1037081445|ref|XP 017143314.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1037081501|ref|XP_017143318.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X6
>gi|1037081515|ref|XP 017143319.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X7
>gi|1037081529|ref|XP_017143320.1| PREDICTED: uncharacterized protein LOC108156396 [Drosophila
>gi|1037055029|ref|XP_017141504.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037054998|ref|XP_017141502.1| PREDICTED: serine/threonine-protein kinase fray2-like [Dros
>gi|1037024111|ref|XP_017139528.1| PREDICTED: uncharacterized protein LOC108153943 [Drosophila
>gi|1037055013|ref|XP_017141503.1| PREDICTED: uncharacterized protein LOC108155299 [Drosophila
>gi|1037053951|ref|XP_017141426.1| PREDICTED: progestin and adipoQ receptor family member 4 is
>gi|1037053967|ref|XP_017141427.1| PREDICTED: progestin and adipoQ receptor family member 4 is
>gi|1037053923|ref|XP_017141424.1| PREDICTED: neprilysin-21-like [Drosophila miranda]
>gi|1037053935|ref|XP_017141425.1| PREDICTED: neprilysin-2 [Drosophila miranda]
>gi|1037053997|ref|XP_017141429.1| PREDICTED: cytochrome b-c1 complex subunit 2, mitochondrial
>gi|1037053983|ref|XP_017141428.1| PREDICTED: progestin and adipoQ receptor family member 4 is
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>gi|1037053912|ref|XP 017141423.1| PREDICTED: dedicator of cytokinesis protein 3 isoform X2 [Di
>gi|1037053870|ref|XP_017141422.1| PREDICTED: dedicator of cytokinesis protein 3 isoform X1 [Di
>gi|1037054007|ref|XP_017141430.1| PREDICTED: innexin inx3 [Drosophila miranda]
>gi|1037088527|ref|XP_017143820.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037088499|ref|XP 017143818.1| PREDICTED: LIM and senescent cell antigen-like-containing de
>gi|1037088486|ref|XP_017143817.1| PREDICTED: LIM and senescent cell antigen-like-containing d
>gi|1037088513|ref|XP 017143819.1| PREDICTED: LIM and senescent cell antigen-like-containing de
>gi|1037103890|ref|XP_017145141.1| PREDICTED: uncharacterized protein LOC108157547 [Drosophila
>gi|1037035447|ref|XP_017140214.1| PREDICTED: calcineurin subunit B isoform X1 [Drosophila mire
>gi|1037035465|ref|XP_017140215.1| PREDICTED: calcineurin subunit B isoform X2 [Drosophila mire
>gi|1037105975|ref|XP_017145433.1| PREDICTED: homeotic protein empty spiracles [Drosophila mire
>gi|1037101321|ref|XP_017144869.1| PREDICTED: homeotic protein empty spiracles [Drosophila mire
>gi|1037106524|ref|XP_017145508.1| PREDICTED: protein arginine N-methyltransferase 1 [Drosophi
>gi|1037106301|ref|XP_017145478.1| PREDICTED: protein arginine N-methyltransferase 1 [Drosophi
>gi|1037024125|ref|XP_017139530.1| PREDICTED: uncharacterized protein LOC108153944 [Drosophila
>gi|1037037484|ref|XP_017140330.1| PREDICTED: hepatoma-derived growth factor-related protein 2
>gi|1037046455|ref|XP_017140919.1| PREDICTED: inositol polyphosphate 1-phosphatase [Drosophila
>gi|1037046379|ref|XP_017140914.1| PREDICTED: uncharacterized protein LOC108154936 [Drosophila
>gi|1037046423|ref|XP_017140917.1| PREDICTED: origin recognition complex subunit 2 [Drosophila
>gi|1037046393|ref|XP 017140915.1| PREDICTED: protein roadkill isoform X1 [Drosophila miranda]
>gi|1037046407|ref|XP_017140916.1| PREDICTED: protein roadkill isoform X2 [Drosophila miranda]
>gi|1037046439|ref|XP 017140918.1| PREDICTED: probable cytochrome P450 6d5 [Drosophila miranda
>gi|1037093156|ref|XP_017144166.1| PREDICTED: dnaJ homolog subfamily B member 12 isoform X1 [Di
>gi|1037093168|ref|XP_017144167.1| PREDICTED: dnaJ homolog subfamily B member 12 isoform X2 [Di
>gi|1037093186|ref|XP_017144169.1| PREDICTED: huntingtin-interacting protein K [Drosophila mire
>gi|1037084741|ref|XP_017143567.1| PREDICTED: forkhead box protein 0 isoform X1 [Drosophila mi
>gi|1037084757|ref|XP_017143568.1| PREDICTED: forkhead box protein O isoform X1 [Drosophila mi
>gi|1037084770|ref|XP_017143569.1| PREDICTED: forkhead box protein O isoform X1 [Drosophila mi
>gi|1037084784|ref|XP_017143570.1| PREDICTED: forkhead box protein O isoform X2 [Drosophila mi
>gi|1037033254|ref|XP 017140087.1| PREDICTED: attacin-A-like [Drosophila miranda]
>gi|1037104640|ref|XP_017145242.1| PREDICTED: ecdysteroid-regulated 16 kDa protein [Drosophila
>gi|1037104648|ref|XP_017145243.1| PREDICTED: ecdysteroid-regulated 16 kDa protein [Drosophila
>gi|1037104632|ref|XP 017145240.1| PREDICTED: neuropeptide CCHamide-1 [Drosophila miranda]
>gi|1037033867|ref|XP_017140123.1| PREDICTED: 10 kDa heat shock protein, mitochondrial [Drosop
>gi|1037106189|ref|XP 017145463.1| PREDICTED: neuromedin-U receptor 2 [Drosophila miranda]
>gi|1037100973|ref|XP_017144837.1| PREDICTED: uncharacterized protein LOC108157332 isoform X1
>gi|1037100983|ref|XP 017144838.1| PREDICTED: uncharacterized protein LOC108157332 isoform X2
>gi|1037100993|ref|XP_017144839.1| PREDICTED: odorant receptor 88a [Drosophila miranda]
>gi|1037059140|ref|XP_017141780.1| PREDICTED: kinesin-like protein KIF19 [Drosophila miranda]
>gi|1037059201|ref|XP_017141784.1| PREDICTED: abl interactor 2 isoform X4 [Drosophila miranda]
>gi|1037059170|ref|XP_017141782.1| PREDICTED: abl interactor 2 isoform X2 [Drosophila miranda]
>gi|1037059185|ref|XP_017141783.1| PREDICTED: abl interactor 2 isoform X3 [Drosophila miranda]
>gi|1037059152|ref|XP 017141781.1| PREDICTED: abl interactor 2 isoform X1 [Drosophila miranda]
>gi|1037059217|ref|XP_017141785.1| PREDICTED: twinfilin [Drosophila miranda]
>gi|1037059233|ref|XP_017141786.1| PREDICTED: RPII140-upstream gene protein [Drosophila mirand
>gi|1037059127|ref|XP_017141779.1| PREDICTED: DNA-directed RNA polymerase II subunit RPB2 [Dros
>gi|1037034496|ref|XP_017140163.1| PREDICTED: uncharacterized protein LOC108154404 [Drosophila
>gi|1037032724|ref|XP_017140055.1| PREDICTED: protein lifeguard 1 [Drosophila miranda]
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>gi|1037032740|ref|XP_017140056.1| PREDICTED: protein lifeguard 1 [Drosophila miranda]
>gi|1037038898|ref|XP_017140415.1| PREDICTED: transcription initiation factor IIA subunit 2-li
>gi|1037103637|ref|XP_017145108.1| PREDICTED: uncharacterized protein LOC108157517 isoform X1
>gi|1037103645|ref|XP_017145109.1| PREDICTED: uncharacterized protein LOC108157517 isoform X2
>gi|1037105664|ref|XP 017145389.1| PREDICTED: uncharacterized protein LOC108157729 [Drosophila
>gi|1037034859|ref|XP_017140183.1| PREDICTED: dopamine receptor 1 [Drosophila miranda]
>gi|1037103708|ref|XP 017145117.1| PREDICTED: serine protease gd [Drosophila miranda]
>gi|1037103716|ref|XP_017145118.1| PREDICTED: enteropeptidase [Drosophila miranda]
>gi|1037103724|ref|XP_017145119.1| PREDICTED: uncharacterized protein LOC108157526 [Drosophila
>gi|1037104493|ref|XP_017145221.1| PREDICTED: LOW QUALITY PROTEIN: proclotting enzyme [Drosoph
>gi|1037104485|ref|XP_017145220.1| PREDICTED: serine protease gd [Drosophila miranda]
>gi|1037106703|ref|XP_017145533.1| PREDICTED: uncharacterized protein LOC108157841 [Drosophila
>gi|1037095258|ref|XP_017144324.1| PREDICTED: methionine--tRNA ligase, mitochondrial [Drosophi
>gi|1037034155|ref|XP_017140140.1| PREDICTED: uncharacterized protein LOC108154388 [Drosophila
>gi|1037059516|ref|XP_017141804.1| PREDICTED: uncharacterized protein LOC108155491 [Drosophila
>gi|1037059530|ref|XP_017141806.1| PREDICTED: uncharacterized protein LOC108155492 [Drosophila
>gi|1037059546|ref|XP_017141807.1| PREDICTED: histone-lysine N-methyltransferase trithorax [Dream of the content of the conten
>gi|1037100678|ref|XP 017144806.1| PREDICTED: bromodomain-containing protein 4B-like [Drosophi
>gi|1037100688|ref|XP_017144807.1| PREDICTED: bromodomain-containing protein 4B-like [Drosophi
>gi|1037100668|ref|XP 017144805.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 [Drosophila
>gi|1037100698|ref|XP_017144808.1| PREDICTED: lachesin [Drosophila miranda]
>gi|1037102436|ref|XP 017144977.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037038880|ref|XP_017140414.1| PREDICTED: uncharacterized protein LOC108154608 [Drosophila
>gi|1037083797|ref|XP_017143492.1| PREDICTED: SCY1-like protein 2 [Drosophila miranda]
>gi|1037083811|ref|XP_017143493.1| PREDICTED: adipocyte plasma membrane-associated protein [Dr
>gi|1037083825|ref|XP_017143494.1| PREDICTED: adipocyte plasma membrane-associated protein [Dref|XP_017143494.1]
>gi|1037083838|ref|XP_017143495.1| PREDICTED: beta-1,4-N-acetylgalactosaminyltransferase bre-4
>gi|1037082815|ref|XP_017143416.1| PREDICTED: probable cleavage and polyadenylation specificity
>gi|1037082829|ref|XP_017143417.1| PREDICTED: pre-mRNA-splicing factor Slu7 [Drosophila mirand
>gi|1037088359|ref|XP_017143807.1| PREDICTED: protein kinase C isoform X1 [Drosophila miranda]
>gi|1037088375|ref|XP_017143808.1| PREDICTED: protein kinase C isoform X2 [Drosophila miranda]
>gi|1037088389|ref|XP_017143809.1| PREDICTED: protein kinase C isoform X3 [Drosophila miranda]
>gi|1037088403|ref|XP 017143810.1| PREDICTED: protein kinase C isoform X4 [Drosophila miranda]
>gi|1037088417|ref|XP_017143811.1| PREDICTED: protein kinase C isoform X5 [Drosophila miranda]
>gi|1037079891|ref|XP 017143195.1| PREDICTED: probable dimethyladenosine transferase [Drosophi
>gi|1037079865|ref|XP_017143193.1| PREDICTED: serine protease snake-like [Drosophila miranda]
>gi|1037079854|ref|XP 017143192.1| PREDICTED: serine protease snake-like [Drosophila miranda]
>gi|1037079877|ref|XP_017143194.1| PREDICTED: serine protease snake [Drosophila miranda]
>gi|1037079842|ref|XP_017143191.1| PREDICTED: NAD-dependent protein deacetylase Sirt7 [Drosoph
>gi|1037079905|ref|XP_017143196.1| PREDICTED: attacin-A-like [Drosophila miranda]
>gi|1037091692|ref|XP_017144067.1| PREDICTED: cullin-5 [Drosophila miranda]
>gi|1037090323|ref|XP_017143964.1| PREDICTED: tyrosine-protein phosphatase vhp-1 [Drosophila m
>gi|1037090921|ref|XP_017144010.1| PREDICTED: ATP-dependent RNA helicase dbp2 [Drosophila mirate
>gi|1037090935|ref|XP_017144011.1| PREDICTED: pre-mRNA-splicing factor ISY1 homolog [Drosophile
>gi|1037094556|ref|XP_017144270.1| PREDICTED: ADP-ribosylation factor-like protein 8 [Drosophi
>gi|1037093213|ref|XP_017144171.1| PREDICTED: GATA-binding factor C isoform X2 [Drosophila mire
>gi|1037093200|ref|XP_017144170.1| PREDICTED: GATA-binding factor C isoform X1 [Drosophila mire
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>gi|1037038171|ref|XP\_017140369.1| PREDICTED: uncharacterized protein LOC108154578 [Drosophila

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>gi|1037104089|ref|XP_017145166.1| PREDICTED: insulin-like growth factor-binding protein comple
>gi|1037024143|ref|XP_017139531.1| PREDICTED: uncharacterized protein LOC108153945 [Drosophila
>gi|1037077475|ref|XP_017143028.1| PREDICTED: uncharacterized protein LOC108156204 [Drosophila
>gi|1037077447|ref|XP_017143025.1| PREDICTED: DNA polymerase iota [Drosophila miranda]
>gi|1037077461|ref|XP 017143026.1| PREDICTED: DNA polymerase iota [Drosophila miranda]
>gi|1037077503|ref|XP_017143030.1| PREDICTED: transcriptional adapter 2B isoform X2 [Drosophile
>gi|1037077489|ref|XP 017143029.1| PREDICTED: transcriptional adapter 2B isoform X1 [Drosophile
>gi|1037077517|ref|XP_017143031.1| PREDICTED: transcriptional adapter 2B isoform X3 [Drosophile
>gi|1037093661|ref|XP_017144200.1| PREDICTED: CUE domain-containing protein 2 [Drosophila mirated
>gi|1037093675|ref|XP_017144201.1| PREDICTED: CUE domain-containing protein 2 [Drosophila mirated]
>gi|1037093689|ref|XP_017144202.1| PREDICTED: CUE domain-containing protein 2 [Drosophila mirated
>gi|1037074992|ref|XP_017142859.1| PREDICTED: pro-corazonin [Drosophila miranda]
>gi|1037074960|ref|XP_017142857.1| PREDICTED: uncharacterized protein LOC108156080 [Drosophila
>gi|1037075007|ref|XP_017142860.1| PREDICTED: DNA-directed RNA polymerase II subunit RPB9 [Dros
>gi|1037074928|ref|XP_017142854.1| PREDICTED: protein suppressor of hairy wing [Drosophila mire
>gi|1037074942|ref|XP_017142855.1| PREDICTED: protein suppressor of hairy wing [Drosophila mire
>gi|1037074976|ref|XP_017142858.1| PREDICTED: TRAF3-interacting protein 1 [Drosophila miranda]
>gi|1037092738|ref|XP_017144138.1| PREDICTED: uncharacterized protein LOC108156904 isoform X1
>gi|1037092752|ref|XP_017144139.1| PREDICTED: uncharacterized protein LOC108156904 isoform X2
>gi|1037092766|ref|XP 017144140.1| PREDICTED: uncharacterized protein LOC108156904 isoform X3
>gi|1037092778|ref|XP_017144141.1| PREDICTED: uncharacterized protein LOC108156904 isoform X3
>gi|1037092792|ref|XP 017144142.1| PREDICTED: uncharacterized protein LOC108156904 isoform X4
>gi|1037101821|ref|XP_017144912.1| PREDICTED: transcription initiation factor IIA subunit 2 [Di
>gi|1037056692|ref|XP_017141611.1| PREDICTED: protein pellino [Drosophila miranda]
>gi|1037056712|ref|XP_017141612.1| PREDICTED: X-linked retinitis pigmentosa GTPase regulator-in
>gi|1037056644|ref|XP_017141608.1| PREDICTED: larval serum protein 1 beta chain [Drosophila mi
>gi|1037056676|ref|XP_017141610.1| PREDICTED: protein Skeletor, isoforms B/C isoform X2 [Droso
>gi|1037056660|ref|XP_017141609.1| PREDICTED: protein Skeletor, isoforms B/C isoform X1 [Droso
>gi|1037061641|ref|XP_017141953.1| PREDICTED: eukaryotic translation initiation factor 4G isof
>gi|1037061657|ref|XP_017141954.1| PREDICTED: uncharacterized protein LOC108155569 isoform X2
>gi|1037061672|ref|XP_017141955.1| PREDICTED: shootin-1 isoform X3 [Drosophila miranda]
>gi|1037061687|ref|XP_017141957.1| PREDICTED: shootin-1 isoform X3 [Drosophila miranda]
>gi|1037061718|ref|XP 017141958.1| PREDICTED: myosin heavy chain, striated muscle isoform X4 [
>gi|1037064506|ref|XP_017142151.1| PREDICTED: dedicator of cytokinesis protein 1 isoform X2 [Di
>gi|1037064492|ref|XP 017142150.1| PREDICTED: dedicator of cytokinesis protein 1 isoform X1 [Di
>gi|1037071742|ref|XP_017142635.1| PREDICTED: LOW QUALITY PROTEIN: nuclear pore complex protein
>gi|1037071759|ref|XP 017142636.1| PREDICTED: uncharacterized protein C11D3.03c [Drosophila min
>gi|1037040068|ref|XP_017140493.1| PREDICTED: helicase SKI2W [Drosophila miranda]
>gi|1037040246|ref|XP_017140505.1| PREDICTED: dnaJ homolog subfamily C member 8 [Drosophila mi
>gi|1037040259|ref|XP_017140507.1| PREDICTED: probable oligoribonuclease [Drosophila miranda]
>gi|1037040215|ref|XP_017140503.1| PREDICTED: lipid storage droplets surface-binding protein 1
>gi|1037040229|ref|XP_017140504.1| PREDICTED: lipid storage droplets surface-binding protein 1
>gi|1037040168|ref|XP_017140500.1| PREDICTED: uncharacterized protein LOC108154670 [Drosophila
>gi|1037040288|ref|XP_017140509.1| PREDICTED: succinate dehydrogenase [ubiquinone] cytochrome
>gi|1037040275|ref|XP_017140508.1| PREDICTED: phosphatidylglycerophosphatase and protein-tyros
>gi|1037040105|ref|XP_017140496.1| PREDICTED: protein sel-1 homolog 1 [Drosophila miranda]
>gi|1037040119|ref|XP_017140497.1| PREDICTED: protein sel-1 homolog 1 [Drosophila miranda]
>gi|1037040134|ref|XP_017140498.1| PREDICTED: protein sel-1 homolog 1 [Drosophila miranda]
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>gi|1037040152|ref|XP_017140499.1| PREDICTED: protein sel-1 homolog 1 [Drosophila miranda]
>gi|1037040199|ref|XP_017140502.1| PREDICTED: 26S protease regulatory subunit 6A-B [Drosophila
>gi|1037040184|ref|XP 017140501.1| PREDICTED: ran-binding protein 3 [Drosophila miranda]
>gi|1037040090|ref|XP_017140495.1| PREDICTED: 3-hydroxy-3-methylglutaryl-coenzyme A reductase
>gi|1037064055|ref|XP 017142120.1| PREDICTED: adenylosuccinate synthetase [Drosophila miranda]
>gi|1037064087|ref|XP_017142122.1| PREDICTED: calmodulin-like protein 4 [Drosophila miranda]
>gi|1037064105|ref|XP 017142123.1| PREDICTED: 40S ribosomal protein S20 [Drosophila miranda]
>gi|1037064071|ref|XP_017142121.1| PREDICTED: zinc finger HIT domain-containing protein 2 [Dros
>gi|1037064037|ref|XP_017142119.1| PREDICTED: protein kinase C and casein kinase II substrate
>gi|1037064019|ref|XP_017142118.1| PREDICTED: protein kinase C and casein kinase II substrate
>gi|1037103732|ref|XP_017145120.1| PREDICTED: uncharacterized protein LOC108157527 [Drosophila
>gi|1037105169|ref|XP 017145319.1| PREDICTED: uncharacterized protein LOC108157668 isoform X2
>gi|1037105164|ref|XP_017145318.1| PREDICTED: uncharacterized protein LOC108157668 isoform X1
>gi|1037032887|ref|XP_017140065.1| PREDICTED: homeobox protein EMX2 [Drosophila miranda]
>gi|1037088921|ref|XP_017143852.1| PREDICTED: uncharacterized protein LOC108156714 [Drosophila
>gi|1037088935|ref|XP 017143853.1| PREDICTED: glutamate receptor ionotropic, delta-2 [Drosophi
>gi|1037088908|ref|XP_017143850.1| PREDICTED: glutamate receptor ionotropic, kainate 2 [Drosop
>gi|1037038349|ref|XP_017140381.1| PREDICTED: protein Turandot B1-like [Drosophila miranda]
>gi|1037105106|ref|XP_017145310.1| PREDICTED: BTB/POZ domain-containing protein KCTD12 [Drosop
>gi|1037024161|ref|XP 017139532.1| PREDICTED: protein Turandot X [Drosophila miranda]
>gi|1037034357|ref|XP_017140154.1| PREDICTED: protein Turandot E-like [Drosophila miranda]
>gi|1037106558|ref|XP 017145513.1| PREDICTED: glutamate receptor ionotropic, kainate 2 isoform
>gi|1037106565|ref|XP_017145514.1| PREDICTED: glutamate receptor ionotropic, kainate 2 isoform
>gi|1037024177|ref|XP_017139533.1| PREDICTED: protein bunched, class 2/F/G isoform [Drosophila
>gi|1037097039|ref|XP_017144478.1| PREDICTED: uncharacterized protein LOC108157113 isoform X1
>gi|1037097050|ref|XP_017144479.1| PREDICTED: uncharacterized protein LOC108157113 isoform X1
>gi|1037097061|ref|XP_017144481.1| PREDICTED: uncharacterized protein LOC108157113 isoform X1
>gi|1037097073|ref|XP_017144482.1| PREDICTED: uncharacterized protein LOC108157113 isoform X1
>gi|1037097085|ref|XP_017144483.1| PREDICTED: uncharacterized protein LOC108157113 isoform X2
>gi|1037063130|ref|XP_017142056.1| PREDICTED: sodium/potassium-transporting ATPase subunit alp
>gi|1037063098|ref|XP_017142054.1| PREDICTED: sodium/potassium-transporting ATPase subunit alp
>gi|1037063083|ref|XP_017142053.1| PREDICTED: sodium/potassium-transporting ATPase subunit alp
>gi|1037063114|ref|XP 017142055.1| PREDICTED: sodium/potassium-transporting ATPase subunit alp
>gi|1037063146|ref|XP_017142057.1| PREDICTED: sodium/potassium-transporting ATPase subunit alp
>gi|1037063164|ref|XP 017142058.1| PREDICTED: sodium/potassium-transporting ATPase subunit alp
>gi|1037088229|ref|XP_017143797.1| PREDICTED: sodium/calcium exchanger 3 isoform X2 [Drosophile
>gi|1037088243|ref|XP_017143798.1| PREDICTED: sodium/calcium exchanger 3 isoform X3 [Drosophile
>gi|1037088255|ref|XP_017143799.1| PREDICTED: sodium/calcium exchanger 3 isoform X4 [Drosophile
>gi|1037088175|ref|XP_017143793.1| PREDICTED: sodium/calcium exchanger 3 isoform X1 [Drosophile
>gi|1037088189|ref|XP_017143794.1| PREDICTED: sodium/calcium exchanger 3 isoform X1 [Drosophile
>gi|1037088205|ref|XP_017143795.1| PREDICTED: sodium/calcium exchanger 3 isoform X1 [Drosophile
>gi|1037088217|ref|XP_017143796.1| PREDICTED: sodium/calcium exchanger 3 isoform X1 [Drosophile
>gi|1037088269|ref|XP_017143800.1| PREDICTED: sodium/calcium exchanger 3 isoform X5 [Drosophile
>gi|1037088315|ref|XP_017143804.1| PREDICTED: sodium/calcium exchanger 3 isoform X8 [Drosophile
>gi|1037088297|ref|XP_017143803.1| PREDICTED: sodium/calcium exchanger 3 isoform X7 [Drosophile
>gi|1037088329|ref|XP_017143805.1| PREDICTED: sodium/calcium exchanger 3 isoform X9 [Drosophile
>gi|1037088283|ref|XP_017143801.1| PREDICTED: sodium/calcium exchanger 3 isoform X6 [Drosophile
>gi|1037088345|ref|XP_017143806.1| PREDICTED: membrane-bound alkaline phosphatase [Drosophila 1
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>gi|1037103329|ref|XP_017145071.1| PREDICTED: uncharacterized protein LOC108157487 [Drosophila
>gi|1037103319|ref|XP_017145070.1| PREDICTED: chorion peroxidase [Drosophila miranda]
>gi|1037092516|ref|XP_017144125.1| PREDICTED: wolframin isoform X1 [Drosophila miranda]
>gi|1037092534|ref|XP_017144127.1| PREDICTED: wolframin isoform X2 [Drosophila miranda]
>gi|1037069722|ref|XP 017142497.1| PREDICTED: glutamate--cysteine ligase regulatory subunit [Di
>gi|1037069752|ref|XP_017142499.1| PREDICTED: uncharacterized protein LOC108155881 isoform X2
>gi|1037069738|ref|XP 017142498.1| PREDICTED: uncharacterized protein LOC108155881 isoform X1
>gi|1037024193|ref|XP_017139534.1| PREDICTED: putative uncharacterized protein DDB_G0277255 [Di
>gi|1037095649|ref|XP_017144354.1| PREDICTED: protein FAM50 homolog [Drosophila miranda]
>gi|1037066061|ref|XP_017142244.1| PREDICTED: N-acetyl-D-glucosamine kinase [Drosophila mirand
>gi|1037066046|ref|XP_017142243.1| PREDICTED: serine--tRNA ligase, mitochondrial [Drosophila m
>gi|1037066030|ref|XP_017142242.1| PREDICTED: cytoplasmic FMR1-interacting protein [Drosophila
>gi|1037104097|ref|XP_017145167.1| PREDICTED: uncharacterized protein LOC108157562 isoform X1
>gi|1037104104|ref|XP_017145168.1| PREDICTED: uncharacterized protein LOC108157562 isoform X1
>gi|1037104112|ref|XP_017145169.1| PREDICTED: uncharacterized protein LOC108157562 isoform X2
>gi|1037079552|ref|XP_017143168.1| PREDICTED: 39 kDa FK506-binding nuclear protein [Drosophila
>gi|1037079565|ref|XP_017143169.1| PREDICTED: 39S ribosomal protein L9, mitochondrial [Drosoph
>gi|1037024211|ref|XP_017139535.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037079579|ref|XP_017143170.1| PREDICTED: uncharacterized protein LOC108156297 [Drosophila
>gi|1037079593|ref|XP 017143171.1| PREDICTED: uncharacterized protein LOC108156298 [Drosophila
>gi|1037080111|ref|XP_017143212.1| PREDICTED: serine/threonine-protein phosphatase 5 [Drosophi
>gi|1037080097|ref|XP 017143209.1| PREDICTED: TELO2-interacting protein 1 homolog [Drosophila 1
>gi|1037105902|ref|XP_017145422.1| PREDICTED: 26S protease regulatory subunit 6B [Drosophila m
>gi|1037056808|ref|XP_017141616.1| PREDICTED: probable Dol-P-Man:Man(7)GlcNAc(2)-PP-Dol alpha-
>gi|1037056824|ref|XP_017141617.1| PREDICTED: probable Dol-P-Man:Man(7)GlcNAc(2)-PP-Dol alpha-
>gi|1037056856|ref|XP_017141620.1| PREDICTED: mannose-6-phosphate isomerase [Drosophila mirand
>gi|1037056885|ref|XP_017141622.1| PREDICTED: synaptosomal-associated protein 25 [Drosophila m
>gi|1037056840|ref|XP_017141619.1| PREDICTED: uncharacterized protein LOC108155366 [Drosophila
>gi|1037056871|ref|XP_017141621.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037056917|ref|XP_017141624.1| PREDICTED: N-acetyltransferase 6 isoform X2 [Drosophila mire
>gi|1037056901|ref|XP_017141623.1| PREDICTED: N-acetyltransferase 6 isoform X1 [Drosophila mire
>gi|1037084687|ref|XP_017143562.1| PREDICTED: flavin reductase (NADPH) [Drosophila miranda]
>gi|1037084660|ref|XP_017143560.1| PREDICTED: formin-like protein 3 isoform X1 [Drosophila mire
>gi|1037084674|ref|XP_017143561.1| PREDICTED: formin-like protein 3 isoform X2 [Drosophila mire
>gi|1037084634|ref|XP 017143558.1| PREDICTED: testis-specific zinc finger protein topi isoform
>gi|1037084647|ref|XP_017143559.1| PREDICTED: testis-specific zinc finger protein topi isoform
>gi|1037084700|ref|XP_017143564.1| PREDICTED: 40S ribosomal protein S29 [Drosophila miranda]
>gi|1037084727|ref|XP_017143566.1| PREDICTED: uncharacterized protein LOC108156555 isoform X2
>gi|1037084713|ref|XP_017143565.1| PREDICTED: uncharacterized protein LOC108156555 isoform X1
>gi|1037094021|ref|XP_017144228.1| PREDICTED: metallothionein-1 [Drosophila miranda]
>gi|1037094007|ref|XP_017144227.1| PREDICTED: GTP-binding protein Di-Ras2 [Drosophila miranda]
>gi|1037048331|ref|XP_017141040.1| PREDICTED: uncharacterized protein LOC108155003 [Drosophila
>gi|1037048347|ref|XP_017141041.1| PREDICTED: alpha-2-macroglobulin receptor-associated protein
>gi|1037048279|ref|XP_017141036.1| PREDICTED: serine-rich adhesin for platelets [Drosophila mi
>gi|1037048299|ref|XP_017141038.1| PREDICTED: BTB/POZ domain-containing protein KCTD3 [Drosoph
>gi|1037048315|ref|XP_017141039.1| PREDICTED: L-asparaginase 1 [Drosophila miranda]
>gi|1037048259|ref|XP_017141035.1| PREDICTED: F-box only protein 11 [Drosophila miranda]
>gi|1037035199|ref|XP_017140202.1| PREDICTED: uncharacterized protein LOC108154440 [Drosophila
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>gi|1037032670|ref|XP_017140052.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037033650|ref|XP_017140110.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037101499|ref|XP_017144879.1| PREDICTED: uncharacterized protein LOC108157364 [Drosophila
>gi|1037101373|ref|XP_017144872.1| PREDICTED: COP9 signalosome complex subunit 1b-like [Drosop
>gi|1037101383|ref|XP 017144873.1| PREDICTED: protein tipE [Drosophila miranda]
>gi|1037101461|ref|XP_017144874.1| PREDICTED: pre-mRNA-splicing factor cwc24-like isoform X1 [
>gi|1037101471|ref|XP_017144876.1| PREDICTED: E3 ubiquitin-protein ligase RNF185-like isoform
>gi|1037101483|ref|XP_017144877.1| PREDICTED: uncharacterized protein LOC108157363 isoform X1
>gi|1037101490|ref|XP_017144878.1| PREDICTED: uncharacterized protein LOC108157363 isoform X2
>gi|1037035287|ref|XP_017140205.1| PREDICTED: uncharacterized protein LOC108154445 [Drosophila
>gi|1037105203|ref|XP_017145323.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1037105211|ref|XP 017145324.1| PREDICTED: prominin-like protein isoform X2 [Drosophila mire
>gi|1037105500|ref|XP_017145367.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1037105508|ref|XP_017145368.1| PREDICTED: prominin-like protein isoform X2 [Drosophila mire
>gi|1037076405|ref|XP_017142955.1| PREDICTED: fasciclin-1 isoform X8 [Drosophila miranda]
>gi|1037076296|ref|XP_017142948.1| PREDICTED: fasciclin-1 isoform X1 [Drosophila miranda]
>gi|1037076360|ref|XP_017142952.1| PREDICTED: fasciclin-1 isoform X5 [Drosophila miranda]
>gi|1037076328|ref|XP_017142950.1| PREDICTED: fasciclin-1 isoform X3 [Drosophila miranda]
>gi|1037076373|ref|XP_017142953.1| PREDICTED: fasciclin-1 isoform X6 [Drosophila miranda]
>gi|1037076312|ref|XP 017142949.1| PREDICTED: fasciclin-1 isoform X2 [Drosophila miranda]
>gi|1037076344|ref|XP_017142951.1| PREDICTED: fasciclin-1 isoform X4 [Drosophila miranda]
>gi|1037076391|ref|XP 017142954.1| PREDICTED: fasciclin-1 isoform X7 [Drosophila miranda]
>gi|1037088472|ref|XP_017143815.1| PREDICTED: zinc finger protein 800 [Drosophila miranda]
>gi|1037084116|ref|XP_017143517.1| PREDICTED: uncharacterized protein LOC108156524 [Drosophila
>gi|1037084130|ref|XP_017143519.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037084143|ref|XP_017143520.1| PREDICTED: LOW QUALITY PROTEIN: THO complex subunit 1 [Dros
>gi|1037099055|ref|XP_017144669.1| PREDICTED: 60S ribosomal protein L30-like [Drosophila mirane
>gi|1037099043|ref|XP_017144668.1| PREDICTED: vesicle transport protein SEC20 [Drosophila mirate
>gi|1037099203|ref|XP_017144677.1| PREDICTED: E3 ubiquitin-protein ligase complex slx8-rfp sub-
>gi|1037099213|ref|XP_017144678.1| PREDICTED: E3 ubiquitin-protein ligase complex slx8-rfp sub
>gi|1037106145|ref|XP_017145456.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1037024227|ref|XP_017139536.1| PREDICTED: protein FAM170B [Drosophila miranda]
>gi|1037036795|ref|XP 017140288.1| PREDICTED: uncharacterized protein LOC108154499 [Drosophila
>gi|1037034054|ref|XP_017140134.1| PREDICTED: uncharacterized protein LOC108154381 [Drosophila
>gi|1037038832|ref|XP 017140411.1| PREDICTED: uncharacterized protein LOC108154605 [Drosophila
>gi|1037024245|ref|XP_017139538.1| PREDICTED: uncharacterized protein LOC108153951 [Drosophila
>gi|1037037558|ref|XP 017140335.1| PREDICTED: transcription factor SPT20 homolog [Drosophila m
>gi|1037105876|ref|XP_017145419.1| PREDICTED: uncharacterized protein LOC108157749 [Drosophila
>gi|1037042106|ref|XP_017140631.1| PREDICTED: carcinine transporter [Drosophila miranda]
>gi|1037042122|ref|XP_017140633.1| PREDICTED: uncharacterized protein LOC108154762 [Drosophila
>gi|1037042031|ref|XP_017140626.1| PREDICTED: uncharacterized protein LOC108154760 isoform X3
>gi|1037042015|ref|XP_017140625.1| PREDICTED: uncharacterized protein LOC108154760 isoform X2
>gi|1037042001|ref|XP 017140624.1| PREDICTED: uncharacterized protein LOC108154760 isoform X1
>gi|1037042045|ref|XP_017140627.1| PREDICTED: uncharacterized protein LOC108154760 isoform X4
>gi|1037042061|ref|XP_017140628.1| PREDICTED: sterile alpha motif domain-containing protein 5-
>gi|1037042076|ref|XP_017140629.1| PREDICTED: sterile alpha motif domain-containing protein 5-
>gi|1037042090|ref|XP_017140630.1| PREDICTED: sterile alpha motif domain-containing protein 5-
>gi|1037041986|ref|XP_017140623.1| PREDICTED: uncharacterized protein LOC108154759 [Drosophila
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>gi|1037024261|ref|XP_017139539.1| PREDICTED: uncharacterized protein LOC108153952 [Drosophila
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>gi|1037024297|ref|XP 017139541.1| PREDICTED: uncharacterized protein LOC108153954 [Drosophila
>gi|1037024323|ref|XP_017139542.1| PREDICTED: uncharacterized protein LOC108153955 [Drosophila
>gi|1037024339|ref|XP 017139543.1| PREDICTED: uncharacterized protein LOC108153956 [Drosophila
>gi|1037097620|ref|XP_017144533.1| PREDICTED: serine/threonine-protein kinase D1 isoform X2 [D2]
>gi|1037097609|ref|XP 017144532.1| PREDICTED: serine/threonine-protein kinase D1 isoform X1 [D2]
>gi|1037036587|ref|XP_017140277.1| PREDICTED: uncharacterized protein LOC108154487 [Drosophila
>gi|1037105794|ref|XP_017145408.1| PREDICTED: retinol dehydrogenase 13 [Drosophila miranda]
>gi|1037102653|ref|XP_017144997.1| PREDICTED: patj homolog isoform X3 [Drosophila miranda]
>gi|1037102645|ref|XP_017144996.1| PREDICTED: patj homolog isoform X2 [Drosophila miranda]
>gi|1037102636|ref|XP 017144995.1| PREDICTED: patj homolog isoform X1 [Drosophila miranda]
>gi|1037097671|ref|XP_017144537.1| PREDICTED: protein hemingway [Drosophila miranda]
>gi|1037097685|ref|XP_017144538.1| PREDICTED: Werner Syndrome-like exonuclease [Drosophila mire
>gi|1037095397|ref|XP_017144334.1| PREDICTED: nucleoporin Nup43 [Drosophila miranda]
>gi|1037095411|ref|XP_017144335.1| PREDICTED: zinc finger protein 283-like [Drosophila miranda
>gi|1037095383|ref|XP_017144333.1| PREDICTED: protein glass [Drosophila miranda]
>gi|1037105382|ref|XP 017145350.1| PREDICTED: retinol dehydrogenase 14 isoform X1 [Drosophila 1
>gi|1037105390|ref|XP_017145351.1| PREDICTED: retinol dehydrogenase 14 isoform X2 [Drosophila i
>gi|1037105476|ref|XP 017145364.1| PREDICTED: uncharacterized protein LOC108157705 [Drosophila
>gi|1037034088|ref|XP_017140136.1| PREDICTED: LOW QUALITY PROTEIN: V-type proton ATPase 116 kD
>gi|1037084846|ref|XP 017143573.1| PREDICTED: V-type proton ATPase 116 kDa subunit a [Drosophi
>gi|1037061835|ref|XP_017141966.1| PREDICTED: LOW QUALITY PROTEIN: vesicle transport through in
>gi|1037061804|ref|XP_017141964.1| PREDICTED: LOW QUALITY PROTEIN: WD repeat-containing protein
>gi|1037061820|ref|XP_017141965.1| PREDICTED: cyclin-related protein FAM58A [Drosophila mirand
>gi|1037061943|ref|XP_017141974.1| PREDICTED: glucosidase 2 subunit beta isoform X1 [Drosophile
>gi|1037061958|ref|XP_017141975.1| PREDICTED: glucosidase 2 subunit beta isoform X2 [Drosophile
>gi|1037061881|ref|XP_017141969.1| PREDICTED: uncharacterized protein LOC108155577 isoform X2
>gi|1037061865|ref|XP_017141968.1| PREDICTED: UPF0565 protein C2orf69 homolog isoform X1 [Dros
>gi|1037061897|ref|XP_017141970.1| PREDICTED: TWiK family of potassium channels protein 18 [Drefleten and the content of the c
>gi|1037061915|ref|XP_017141971.1| PREDICTED: uncharacterized protein LOC108155580 [Drosophila
>gi|1037061930|ref|XP_017141972.1| PREDICTED: uncharacterized protein LOC108155580 [Drosophila
>gi|1037061974|ref|XP 017141976.1| PREDICTED: uncharacterized protein LOC108155582 [Drosophila
>gi|1037061994|ref|XP_017141977.1| PREDICTED: uncharacterized protein LOC108155582 [Drosophila
>gi|1037061849|ref|XP_017141967.1| PREDICTED: V-type proton ATPase 116 kDa subunit a-like [Dros
>gi|1037091390|ref|XP_017144046.1| PREDICTED: sex determination protein fruitless isoform X3 [
>gi|1037091431|ref|XP 017144049.1| PREDICTED: GATA zinc finger domain-containing protein 10-li
>gi|1037091417|ref|XP_017144048.1| PREDICTED: transcription factor mef2A-like isoform X1 [Dros
>gi|1037091376|ref|XP_017144045.1| PREDICTED: sex determination protein fruitless isoform X2 [
>gi|1037091363|ref|XP_017144044.1| PREDICTED: sex determination protein fruitless isoform X1 [
>gi|1037091404|ref|XP_017144047.1| PREDICTED: sex determination protein fruitless isoform X4 [
>gi|1037032953|ref|XP_017140069.1| PREDICTED: uncharacterized protein LOC108154321 [Drosophila
>gi|1037102289|ref|XP_017144961.1| PREDICTED: zinc finger protein interacting with ribonucleop
>gi|1037102307|ref|XP_017144963.1| PREDICTED: uncharacterized protein LOC108157424 [Drosophila
>gi|1037102299|ref|XP_017144962.1| PREDICTED: hemotin [Drosophila miranda]
>gi|1037024357|ref|XP 017139544.1| PREDICTED: microtubule-associated protein RP/EB family members
>gi|1037091968|ref|XP_017144088.1| PREDICTED: serine/threonine-protein kinase OSR1 [Drosophila
>gi|1037091996|ref|XP_017144090.1| PREDICTED: E3 ubiquitin-protein ligase RNF181 homolog [Dros
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>gi|1037092010|ref|XP_017144091.1| PREDICTED: E3 ubiquitin-protein ligase RNF181 homolog [Dros
>gi|1037091982|ref|XP_017144089.1| PREDICTED: dentin sialophosphoprotein-like [Drosophila mirates
>gi|1037069543|ref|XP 017142485.1| PREDICTED: uncharacterized protein LOC108155874 [Drosophila
>gi|1037069571|ref|XP_017142487.1| PREDICTED: trithorax group protein osa isoform X2 [Drosophi
>gi|1037069558|ref|XP 017142486.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X1
>gi|1037069583|ref|XP_017142488.1| PREDICTED: testis-specific serine/threonine-protein kinase
>gi|1037069598|ref|XP 017142489.1| PREDICTED: uncharacterized protein LOC108155877 [Drosophila
>gi|1037031492|ref|XP_017139983.1| PREDICTED: 60S ribosomal protein L30-like [Drosophila miran-
>gi|1037047835|ref|XP_017141013.1| PREDICTED: uncharacterized protein LOC108154985 [Drosophila
>gi|1037047849|ref|XP_017141015.1| PREDICTED: uncharacterized protein LOC108154985 [Drosophila
>gi|1037048017|ref|XP_017141021.1| PREDICTED: cleavage stimulation factor subunit 2 tau varian
>gi|1037047865|ref|XP 017141016.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1037048035|ref|XP_017141023.1| PREDICTED: Golgi SNAP receptor complex member 1 [Drosophila
>gi|1037048065|ref|XP_017141025.1| PREDICTED: mitochondrial import receptor subunit TOM22 homo
>gi|1037048049|ref|XP_017141024.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1037047970|ref|XP_017141018.1| PREDICTED: toll-like receptor 9 [Drosophila miranda]
>gi|1037047988|ref|XP_017141019.1| PREDICTED: toll-like receptor 9 [Drosophila miranda]
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>gi|1037047954|ref|XP_017141017.1| PREDICTED: uncharacterized protein LOC108154987 [Drosophila
>gi|1037090267|ref|XP 017143959.1| PREDICTED: NADP-dependent malic enzyme isoform X2 [Drosophi
>gi|1037090253|ref|XP_017143958.1| PREDICTED: NADP-dependent malic enzyme isoform X1 [Drosophi
>gi|1037034912|ref|XP 017140186.1| PREDICTED: perlucin-like [Drosophila miranda]
>gi|1037035718|ref|XP_017140224.1| PREDICTED: lectin subunit alpha-like [Drosophila miranda]
>gi|1037033160|ref|XP_017140082.1| PREDICTED: uncharacterized protein LOC108154331 [Drosophila
>gi|1037106261|ref|XP_017145472.1| PREDICTED: calcyphosin-like protein isoform X1 [Drosophila i
>gi|1037106269|ref|XP_017145473.1| PREDICTED: calcyphosin-like protein isoform X2 [Drosophila 1
>gi|1037106277|ref|XP_017145475.1| PREDICTED: calcyphosin-like protein isoform X2 [Drosophila 1
>gi|1037106735|ref|XP_017145537.1| PREDICTED: uncharacterized protein LOC108157845 [Drosophila
>gi|1037032432|ref|XP_017140036.1| PREDICTED: calcyphosin-like protein isoform X1 [Drosophila 1
>gi|1037032450|ref|XP_017140037.1| PREDICTED: calcyphosin-like protein isoform X2 [Drosophila i
>gi|1037033683|ref|XP_017140111.1| PREDICTED: rRNA 2'-0-methyltransferase fibrillarin [Drosoph
>gi|1037033703|ref|XP_017140112.1| PREDICTED: uncharacterized protein LOC108154358 [Drosophila
>gi|1037033720|ref|XP 017140113.1| PREDICTED: uncharacterized protein LOC108154358 [Drosophila
>gi|1037038848|ref|XP_017140412.1| PREDICTED: LOW QUALITY PROTEIN: odorant receptor 67a [Droso
>gi|1037096379|ref|XP 017144420.1| PREDICTED: probable aminopeptidase NPEPL1 [Drosophila miran
>gi|1037030827|ref|XP_017139942.1| PREDICTED: kinetochore protein Spc25 [Drosophila miranda]
>gi|1037104691|ref|XP 017145248.1| PREDICTED: probable cytochrome P450 304a1 [Drosophila miran
>gi|1037104699|ref|XP_017145250.1| PREDICTED: uncharacterized protein LOC108157624 [Drosophila
>gi|1037100424|ref|XP_017144782.1| PREDICTED: cell death abnormality protein 1 isoform X2 [Dros
>gi|1037100412|ref|XP_017144780.1| PREDICTED: cell death abnormality protein 1 isoform X1 [Dros
>gi|1037100436|ref|XP_017144783.1| PREDICTED: sialin isoform X1 [Drosophila miranda]
>gi|1037100448|ref|XP_017144784.1| PREDICTED: sialin isoform X2 [Drosophila miranda]
>gi|1037029110|ref|XP_017139838.1| PREDICTED: polyadenylate-binding protein-interacting protein
>gi|1037029130|ref|XP_017139839.1| PREDICTED: polyadenylate-binding protein-interacting protein
>gi|1037028794|ref|XP_017139819.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037029075|ref|XP_017139836.1| PREDICTED: uncharacterized protein LOC108154171 [Drosophila
>gi|1037029148|ref|XP_017139840.1| PREDICTED: uncharacterized protein LOC108154175 [Drosophila
>gi|1037029019|ref|XP_017139833.1| PREDICTED: L-dopachrome tautomerase yellow-f2-like isoform
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>gi|1037029001|ref|XP_017139832.1| PREDICTED: L-dopachrome tautomerase yellow-f2-like isoform
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>gi|1037029057|ref|XP_017139835.1| PREDICTED: L-dopachrome tautomerase yellow-f2-like isoform
>gi|1037028776|ref|XP_017139817.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037029166|ref|XP 017139842.1| PREDICTED: LOW QUALITY PROTEIN: protein MEM01 [Drosophila m
>gi|1037029093|ref|XP_017139837.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037028812|ref|XP 017139820.1| PREDICTED: C-terminal-binding protein isoform X1 [Drosophile
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>gi|1037028844|ref|XP_017139822.1| PREDICTED: C-terminal-binding protein isoform X1 [Drosophile
>gi|1037028882|ref|XP_017139824.1| PREDICTED: C-terminal-binding protein isoform X3 [Drosophile
>gi|1037028914|ref|XP_017139826.1| PREDICTED: C-terminal-binding protein isoform X5 [Drosophile
>gi|1037028864|ref|XP 017139823.1| PREDICTED: C-terminal-binding protein isoform X2 [Drosophile
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>gi|1037028948|ref|XP_017139829.1| PREDICTED: C-terminal-binding protein isoform X7 [Drosophile
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>gi|1037029262|ref|XP_017139845.1| PREDICTED: uncharacterized protein LOC108154181 isoform X2
>gi|1037029280|ref|XP 017139846.1| PREDICTED: cytochrome c oxidase protein 20 homolog [Drosoph
>gi|1037029227|ref|XP_017139843.1| PREDICTED: xanthine dehydrogenase [Drosophila miranda]
>gi|1037088134|ref|XP 017143790.1| PREDICTED: serine protease snake [Drosophila miranda]
>gi|1037088092|ref|XP_017143786.1| PREDICTED: serine protease snake isoform X1 [Drosophila mire
>gi|1037088106|ref|XP_017143787.1| PREDICTED: serine protease snake isoform X2 [Drosophila mire
>gi|1037088120|ref|XP_017143789.1| PREDICTED: serine protease snake isoform X3 [Drosophila mire
>gi|1037088064|ref|XP_017143784.1| PREDICTED: serine protease snake isoform X1 [Drosophila mire
>gi|1037088078|ref|XP_017143785.1| PREDICTED: serine protease snake isoform X2 [Drosophila mire
>gi|1037088160|ref|XP_017143792.1| PREDICTED: small lysine-rich protein 1 [Drosophila miranda]
>gi|1037088050|ref|XP_017143783.1| PREDICTED: heat shock 70 kDa protein cognate 2 [Drosophila 1
>gi|1037088147|ref|XP_017143791.1| PREDICTED: transmembrane protein 135-like [Drosophila mirane
>gi|1037104281|ref|XP_017145192.1| PREDICTED: uncharacterized protein LOC108157581 [Drosophila
>gi|1037104273|ref|XP_017145190.1| PREDICTED: selenium-binding protein 1 [Drosophila miranda]
>gi|1037059330|ref|XP_017141792.1| PREDICTED: 3-oxoacyl-[acyl-carrier-protein] synthase, mitoci
>gi|1037059278|ref|XP_017141789.1| PREDICTED: metastasis-associated protein MTA3 isoform X3 [Di
>gi|1037059264|ref|XP 017141788.1| PREDICTED: metastasis-associated protein MTA3 isoform X2 [Di
>gi|1037059249|ref|XP_017141787.1| PREDICTED: metastasis-associated protein MTA3 isoform X1 [Di
>gi|1037059298|ref|XP_017141790.1| PREDICTED: protein transport protein Sec23A isoform X1 [Dros
>gi|1037059314|ref|XP_017141791.1| PREDICTED: protein transport protein Sec23A isoform X2 [Dros
>gi|1037059346|ref|XP_017141793.1| PREDICTED: calcineurin B homologous protein 1 [Drosophila m
>gi|1037088023|ref|XP_017143781.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037088010|ref|XP_017143780.1| PREDICTED: gametogenetin-binding protein 2-like [Drosophila
>gi|1037072460|ref|XP_017142682.1| PREDICTED: DNA damage-binding protein 1 [Drosophila miranda]
>gi|1037072523|ref|XP_017142687.1| PREDICTED: nuclear envelope phosphatase-regulatory subunit
>gi|1037072492|ref|XP_017142685.1| PREDICTED: protein single-minded isoform X2 [Drosophila mire
>gi|1037072476|ref|XP_017142684.1| PREDICTED: protein single-minded isoform X1 [Drosophila mire
>gi|1037072507|ref|XP_017142686.1| PREDICTED: protein single-minded isoform X3 [Drosophila mire
>gi|1037036939|ref|XP_017140297.1| PREDICTED: uncharacterized protein LOC108154508 [Drosophila
>gi|1037077147|ref|XP_017143003.1| PREDICTED: protein timeless homolog [Drosophila miranda]
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>gi|1037077162|ref|XP 017143004.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037106471|ref|XP_017145501.1| PREDICTED: uncharacterized protein C4orf22 homolog [Drosoph
>gi|1037034895|ref|XP_017140185.1| PREDICTED: uncharacterized protein LOC108154427 [Drosophila
>gi|1037105426|ref|XP_017145356.1| PREDICTED: peptidase inhibitor 15 [Drosophila miranda]
>gi|1037035029|ref|XP 017140193.1| PREDICTED: chaperone protein DnaJ [Drosophila miranda]
>gi|1037090391|ref|XP_017143970.1| PREDICTED: acetylcholinesterase [Drosophila miranda]
>gi|1037090403|ref|XP 017143971.1| PREDICTED: acetylcholinesterase [Drosophila miranda]
>gi|1037090417|ref|XP_017143972.1| PREDICTED: acetylcholinesterase [Drosophila miranda]
>gi|1037098316|ref|XP_017144603.1| PREDICTED: uncharacterized protein LOC108157186 [Drosophila
>gi|1037098304|ref|XP_017144602.1| PREDICTED: bifunctional lysine-specific demethylase and his
>gi|1037062844|ref|XP_017142036.1| PREDICTED: protein suppressor of variegation 3-7 [Drosophile
>gi|1037062880|ref|XP_017142040.1| PREDICTED: TBC1 domain family member 5 [Drosophila miranda]
>gi|1037062856|ref|XP_017142037.1| PREDICTED: ankyrin repeat and sterile alpha motif domain-co
>gi|1037062868|ref|XP_017142038.1| PREDICTED: ankyrin repeat and sterile alpha motif domain-co
>gi|1037094035|ref|XP_017144229.1| PREDICTED: uncharacterized protein LOC108156962 [Drosophila
>gi|1037103165|ref|XP_017145054.1| PREDICTED: non-canonical poly(A) RNA polymerase PAPD5 [Drose
>gi|1037055977|ref|XP_017141561.1| PREDICTED: oligopeptidase A [Drosophila miranda]
>gi|1037055962|ref|XP_017141560.1| PREDICTED: oxysterol-binding protein 1 [Drosophila miranda]
>gi|1037055869|ref|XP_017141554.1| PREDICTED: protein phosphatase Slingshot isoform X2 [Drosop
>gi|1037055855|ref|XP_017141553.1| PREDICTED: protein phosphatase Slingshot isoform X1 [Drosop
>gi|1037055885|ref|XP_017141555.1| PREDICTED: protein phosphatase Slingshot isoform X3 [Drosop
>gi|1037055947|ref|XP_017141559.1| PREDICTED: protein phosphatase Slingshot isoform X7 [Drosop
>gi|1037055919|ref|XP_017141557.1| PREDICTED: protein phosphatase Slingshot isoform X5 [Drosop
>gi|1037055903|ref|XP_017141556.1| PREDICTED: protein phosphatase Slingshot isoform X4 [Drosop.
>gi|1037055931|ref|XP_017141558.1| PREDICTED: protein phosphatase Slingshot isoform X6 [Drosop
>gi|1037055993|ref|XP_017141562.1| PREDICTED: nicotinamide/nicotinic acid mononucleotide adeny
>gi|1037056011|ref|XP_017141564.1| PREDICTED: nicotinamide/nicotinic acid mononucleotide adeny
>gi|1037035735|ref|XP_017140225.1| PREDICTED: sodium-coupled neutral amino acid transporter 1
>gi|1037071297|ref|XP_017142603.1| PREDICTED: mucin-2 [Drosophila miranda]
>gi|1037071326|ref|XP_017142606.1| PREDICTED: 26S protease regulatory subunit 8-like [Drosophi
>gi|1037071342|ref|XP_017142607.1| PREDICTED: beta-1,4-galactosyltransferase 7 [Drosophila mire
>gi|1037071358|ref|XP_017142608.1| PREDICTED: ER membrane protein complex subunit 6 [Drosophile
>gi|1037071312|ref|XP 017142605.1| PREDICTED: nuclear hormone receptor HR96 [Drosophila mirand
>gi|1037083235|ref|XP_017143446.1| PREDICTED: histone transcription regulator 3 homolog isoform
>gi|1037083249|ref|XP 017143447.1| PREDICTED: uncharacterized protein LOC108156480 isoform X2
>gi|1037083221|ref|XP_017143445.1| PREDICTED: activin receptor type-2B [Drosophila miranda]
>gi|1037081769|ref|XP 017143340.1| PREDICTED: histone H4 [Drosophila miranda]
>gi|1037081727|ref|XP_017143337.1| PREDICTED: protein Cep78 homolog [Drosophila miranda]
>gi|1037081741|ref|XP_017143338.1| PREDICTED: protein Cep78 homolog [Drosophila miranda]
>gi|1037081755|ref|XP_017143339.1| PREDICTED: protein Cep78 homolog [Drosophila miranda]
>gi|1037081699|ref|XP_017143334.1| PREDICTED: cadherin-23 [Drosophila miranda]
>gi|1037081711|ref|XP_017143335.1| PREDICTED: cadherin-23 [Drosophila miranda]
>gi|1037075249|ref|XP 017142877.1| PREDICTED: uncharacterized protein LOC108156099 [Drosophila
>gi|1037075263|ref|XP_017142878.1| PREDICTED: uncharacterized protein LOC108156099 [Drosophila
>gi|1037075278|ref|XP_017142879.1| PREDICTED: uncharacterized protein LOC108156099 [Drosophila
>gi|1037075310|ref|XP_017142882.1| PREDICTED: serine protease easter isoform X2 [Drosophila mi
>gi|1037075294|ref|XP_017142881.1| PREDICTED: serine protease easter isoform X1 [Drosophila mi
>gi|1037100900|ref|XP_017144831.1| PREDICTED: protein HEXIM1 [Drosophila miranda]
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>gi|1037081107|ref|XP_017143288.1| PREDICTED: disintegrin and metalloproteinase domain-contain
>gi|1037093869|ref|XP_017144217.1| PREDICTED: autophagy-related protein 13 homolog [Drosophila
>gi|1037082611|ref|XP_017143402.1| PREDICTED: trichohyalin-like [Drosophila miranda]
>gi|1037082583|ref|XP_017143399.1| PREDICTED: dipeptidyl peptidase 3 isoform X1 [Drosophila mi
>gi|1037082597|ref|XP 017143401.1| PREDICTED: dipeptidyl peptidase 3 isoform X2 [Drosophila mi
>gi|1037086975|ref|XP_017143731.1| PREDICTED: E3 ubiquitin-protein ligase HRD1-like [Drosophile
>gi|1037086989|ref|XP 017143732.1| PREDICTED: E3 ubiquitin-protein ligase HRD1-like [Drosophile
>gi|1037087009|ref|XP_017143734.1| PREDICTED: JNK1/MAPK8-associated membrane protein-like [Dros
>gi|1037033801|ref|XP_017140119.1| PREDICTED: nuclear hormone receptor HR96-like [Drosophila m
>gi|1037101548|ref|XP_017144883.1| PREDICTED: T-cell leukemia homeobox protein 3 [Drosophila m
>gi|1037083713|ref|XP_017143485.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037038932|ref|XP_017140417.1| PREDICTED: uncharacterized protein LOC108154612 [Drosophila
>gi|1037106532|ref|XP_017145510.1| PREDICTED: acyl-CoA Delta(11) desaturase-like [Drosophila m
>gi|1037037665|ref|XP_017140340.1| PREDICTED: LOW QUALITY PROTEIN: homeobox protein Hmx [Droso
>gi|1037104963|ref|XP_017145288.1| PREDICTED: homeobox protein unplugged [Drosophila miranda]
>gi|1037063669|ref|XP_017142094.1| PREDICTED: monocarboxylate transporter 10 isoform X2 [Droso
>gi|1037063653|ref|XP_017142093.1| PREDICTED: monocarboxylate transporter 10 isoform X1 [Droso
>gi|1037063699|ref|XP_017142096.1| PREDICTED: suppressor of fused homolog isoform X1 [Drosophi
>gi|1037063715|ref|XP_017142097.1| PREDICTED: suppressor of fused homolog isoform X2 [Drosophi
>gi|1037063729|ref|XP 017142098.1| PREDICTED: actin-related protein 1 [Drosophila miranda]
>gi|1037063763|ref|XP_017142100.1| PREDICTED: ninjurin-1 isoform X2 [Drosophila miranda]
>gi|1037063797|ref|XP 017142103.1| PREDICTED: ninjurin-1 isoform X4 [Drosophila miranda]
>gi|1037063747|ref|XP_017142099.1| PREDICTED: ninjurin-1 isoform X1 [Drosophila miranda]
>gi|1037063779|ref|XP_017142101.1| PREDICTED: ninjurin-2 isoform X3 [Drosophila miranda]
>gi|1037063844|ref|XP_017142106.1| PREDICTED: ninjurin-1 isoform X7 [Drosophila miranda]
>gi|1037063829|ref|XP_017142105.1| PREDICTED: ninjurin-2 isoform X6 [Drosophila miranda]
>gi|1037063813|ref|XP_017142104.1| PREDICTED: ninjurin-2 isoform X5 [Drosophila miranda]
>gi|1037063685|ref|XP_017142095.1| PREDICTED: EH domain-containing protein 1 [Drosophila miran
>gi|1037065373|ref|XP_017142198.1| PREDICTED: uncharacterized protein LOC108155713 isoform X1
>gi|1037065389|ref|XP 017142199.1| PREDICTED: uncharacterized protein LOC108155713 isoform X2
>gi|1037065309|ref|XP_017142193.1| PREDICTED: DNA polymerase theta isoform X1 [Drosophila mirates
>gi|1037065343|ref|XP_017142196.1| PREDICTED: DNA polymerase theta isoform X3 [Drosophila mirated
>gi|1037065407|ref|XP_017142200.1| PREDICTED: heat shock protein 67B2 [Drosophila miranda]
>gi|1037065325|ref|XP_017142195.1| PREDICTED: DNA polymerase theta isoform X2 [Drosophila mirated
>gi|1037065357|ref|XP 017142197.1| PREDICTED: kanadaptin [Drosophila miranda]
>gi|1037104404|ref|XP_017145209.1| PREDICTED: high-affinity choline transporter 1 [Drosophila i
>gi|1037104414|ref|XP_017145210.1| PREDICTED: high-affinity choline transporter 1 [Drosophila 1
>gi|1037024375|ref|XP_017139545.1| PREDICTED: pro-resilin [Drosophila miranda]
>gi|1037037151|ref|XP_017140310.1| PREDICTED: uncharacterized protein LOC108154520 [Drosophila
>gi|1037037312|ref|XP_017140319.1| PREDICTED: uncharacterized protein LOC108154527 [Drosophila
>gi|1037024393|ref|XP_017139546.1| PREDICTED: choline O-acetyltransferase, partial [Drosophila
>gi|1037098459|ref|XP_017144617.1| PREDICTED: vesicular acetylcholine transporter [Drosophila 1
>gi|1037098483|ref|XP_017144619.1| PREDICTED: peritrophin-55 [Drosophila miranda]
>gi|1037098471|ref|XP_017144618.1| PREDICTED: uncharacterized protein LOC108157197 [Drosophila
>gi|1037080680|ref|XP_017143254.1| PREDICTED: uncharacterized protein LOC108156362 [Drosophila
>gi|1037080635|ref|XP_017143251.1| PREDICTED: mitogen-activated protein kinase kinase kinase 4
>gi|1037080622|ref|XP_017143250.1| PREDICTED: mitogen-activated protein kinase kinase kinase 4
>gi|1037080649|ref|XP_017143252.1| PREDICTED: mitogen-activated protein kinase kinase kinase 4
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>gi|1037080662|ref|XP_017143253.1| PREDICTED: LOW QUALITY PROTEIN: CDP-diacylglycerol--glycerol
>gi|1037024409|ref|XP_017139548.1| PREDICTED: WD repeat-containing protein 20, partial [Drosop
>gi|1037089279|ref|XP_017143879.1| PREDICTED: protein YIF1B-A isoform X4 [Drosophila miranda]
>gi|1037089265|ref|XP_017143878.1| PREDICTED: protein YIF1B-A isoform X3 [Drosophila miranda]
>gi|1037089251|ref|XP 017143877.1| PREDICTED: protein YIF1B-A isoform X2 [Drosophila miranda]
>gi|1037089237|ref|XP_017143876.1| PREDICTED: protein YIF1B-A isoform X1 [Drosophila miranda]
>gi|1037100660|ref|XP 017144803.1| PREDICTED: uncharacterized protein LOC108157310 [Drosophila
>gi|1037103858|ref|XP_017145137.1| PREDICTED: neuroendocrine convertase 2 [Drosophila miranda]
>gi|1037039371|ref|XP_017140444.1| PREDICTED: basic-leucine zipper transcription factor A [Dros
>gi|1037103607|ref|XP_017145103.1| PREDICTED: uncharacterized protein LOC108157514 [Drosophila
>gi|1037022509|ref|XP_017139425.1| PREDICTED: keratin, type II cytoskeletal 1 [Drosophila mirat
>gi|1037038034|ref|XP_017140357.1| PREDICTED: uncharacterized protein LOC108154570 [Drosophila
>gi|1037024425|ref|XP_017139549.1| PREDICTED: uncharacterized protein LOC108153963 [Drosophila
>gi|1037024443|ref|XP_017139550.1| PREDICTED: uncharacterized protein LOC108153964 [Drosophila
>gi|1037024461|ref|XP_017139551.1| PREDICTED: uncharacterized protein LOC108153965 [Drosophila
>gi|1037037698|ref|XP_017140342.1| PREDICTED: glycine, alanine and asparagine-rich protein [Dr
>gi|1037038104|ref|XP_017140363.1| PREDICTED: uncharacterized protein LOC108154574 [Drosophila
>gi|1037024479|ref|XP_017139552.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037038285|ref|XP_017140376.1| PREDICTED: uncharacterized protein LOC108154584 [Drosophila
>gi|1037037502|ref|XP 017140331.1| PREDICTED: uncharacterized PPE family protein PPE54-like is
>gi|1037037522|ref|XP_017140332.1| PREDICTED: glycine, alanine and asparagine-rich protein-lik
>gi|1037037013|ref|XP 017140301.1| PREDICTED: LOW QUALITY PROTEIN: glycine, alanine and aspara
>gi|1037036852|ref|XP_017140291.1| PREDICTED: uncharacterized protein LOC108154503 [Drosophila
>gi|1037034646|ref|XP_017140173.1| PREDICTED: LOW QUALITY PROTEIN: glycine, alanine and aspara
>gi|1037050200|ref|XP_017141170.1| PREDICTED: protein lap4 isoform X9 [Drosophila miranda]
>gi|1037050149|ref|XP_017141166.1| PREDICTED: protein lap4 isoform X5 [Drosophila miranda]
>gi|1037050109|ref|XP_017141163.1| PREDICTED: protein lap4 isoform X2 [Drosophila miranda]
>gi|1037050135|ref|XP_017141165.1| PREDICTED: protein lap4 isoform X4 [Drosophila miranda]
>gi|1037050186|ref|XP_017141169.1| PREDICTED: protein lap4 isoform X8 [Drosophila miranda]
>gi|1037050174|ref|XP_017141168.1| PREDICTED: protein lap4 isoform X7 [Drosophila miranda]
>gi|1037050162|ref|XP_017141167.1| PREDICTED: protein lap4 isoform X6 [Drosophila miranda]
>gi|1037050123|ref|XP_017141164.1| PREDICTED: protein lap4 isoform X3 [Drosophila miranda]
>gi|1037050066|ref|XP_017141161.1| PREDICTED: protein lap4 isoform X1 [Drosophila miranda]
>gi|1037050080|ref|XP_017141162.1| PREDICTED: protein lap4 isoform X1 [Drosophila miranda]
>gi|1037050227|ref|XP 017141173.1| PREDICTED: uncharacterized protein LOC108155077 isoform X11
>gi|1037050213|ref|XP_017141172.1| PREDICTED: uncharacterized protein LOC108155077 isoform X10
>gi|1037050257|ref|XP 017141175.1| PREDICTED: FK506-binding protein 5 isoform X13 [Drosophila 1
>gi|1037050241|ref|XP_017141174.1| PREDICTED: protein lap4 isoform X12 [Drosophila miranda]
>gi|1037106424|ref|XP_017145495.1| PREDICTED: uncharacterized protein LOC108157809 [Drosophila
>gi|1037024495|ref|XP_017139553.1| PREDICTED: putative odorant receptor 98b [Drosophila mirand
>gi|1037105446|ref|XP_017145360.1| PREDICTED: uncharacterized protein LOC108157701 [Drosophila
>gi|1037105454|ref|XP_017145361.1| PREDICTED: uncharacterized protein LOC108157701 [Drosophila
>gi|1037098961|ref|XP_017144663.1| PREDICTED: dynein heavy chain 10, axonemal [Drosophila mirated]
>gi|1037098973|ref|XP_017144664.1| PREDICTED: uncharacterized protein LOC108157218 [Drosophila
>gi|1037098985|ref|XP_017144665.1| PREDICTED: uncharacterized protein LOC108157218 [Drosophila
>gi|1037085336|ref|XP_017143608.1| PREDICTED: papilin isoform X5 [Drosophila miranda]
>gi|1037085320|ref|XP_017143607.1| PREDICTED: papilin isoform X4 [Drosophila miranda]
>gi|1037085294|ref|XP_017143605.1| PREDICTED: papilin isoform X2 [Drosophila miranda]
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>gi|1037085306|ref|XP_017143606.1| PREDICTED: papilin isoform X3 [Drosophila miranda]
>gi|1037085282|ref|XP_017143604.1| PREDICTED: papilin isoform X1 [Drosophila miranda]
>gi|1037092132|ref|XP_017144101.1| PREDICTED: LOW QUALITY PROTEIN: translation initiation fact
>gi|1037092120|ref|XP_017144100.1| PREDICTED: sarcalumenin isoform X2 [Drosophila miranda]
>gi|1037092092|ref|XP 017144098.1| PREDICTED: sarcalumenin isoform X1 [Drosophila miranda]
>gi|1037092106|ref|XP_017144099.1| PREDICTED: sarcalumenin isoform X1 [Drosophila miranda]
>gi|1037057061|ref|XP 017141634.1| PREDICTED: endochitinase [Drosophila miranda]
>gi|1037057075|ref|XP_017141635.1| PREDICTED: uncharacterized protein LOC108155374 [Drosophila
>gi|1037057016|ref|XP_017141630.1| PREDICTED: uncharacterized protein LOC108155371 isoform X6
>gi|1037056969|ref|XP_017141627.1| PREDICTED: uncharacterized protein LOC108155371 isoform X3
>gi|1037056951|ref|XP_017141626.1| PREDICTED: uncharacterized protein LOC108155371 isoform X2
>gi|1037057032|ref|XP_017141632.1| PREDICTED: uncharacterized protein LOC108155371 isoform X7
>gi|1037057000|ref|XP_017141629.1| PREDICTED: uncharacterized protein LOC108155371 isoform X5
>gi|1037056985|ref|XP_017141628.1| PREDICTED: uncharacterized protein LOC108155371 isoform X4
>gi|1037057046|ref|XP_017141633.1| PREDICTED: uncharacterized protein LOC108155371 isoform X8
>gi|1037056933|ref|XP 017141625.1| PREDICTED: uncharacterized protein LOC108155371 isoform X1
>gi|1037057089|ref|XP_017141636.1| PREDICTED: ubiquitin-conjugating enzyme E2 G1 [Drosophila m
>gi|1037102223|ref|XP_017144955.1| PREDICTED: LOW QUALITY PROTEIN: low molecular weight phosph
>gi|1037102213|ref|XP_017144954.1| PREDICTED: low molecular weight phosphotyrosine protein phosphotyrosine
>gi|1037102205|ref|XP 017144953.1| PREDICTED: low molecular weight phosphotyrosine protein phosphotyrosine
>gi|1037102195|ref|XP_017144951.1| PREDICTED: adenosine deaminase CECR1 isoform X2 [Drosophila
>gi|1037102185|ref|XP 017144950.1| PREDICTED: adenosine deaminase CECR1 isoform X1 [Drosophila
>gi|1037091196|ref|XP_017144030.1| PREDICTED: adenosine deaminase CECR1 [Drosophila miranda]
>gi|1037091182|ref|XP_017144029.1| PREDICTED: carotenoid isomerooxygenase [Drosophila miranda]
>gi|1037091061|ref|XP_017144021.1| PREDICTED: leucine-rich repeat-containing protein 40 isoform
>gi|1037091075|ref|XP_017144022.1| PREDICTED: leucine-rich repeat-containing protein 40 isoform
>gi|1037091103|ref|XP_017144024.1| PREDICTED: leucine-rich repeat-containing protein 40 isoform
>gi|1037091143|ref|XP_017144026.1| PREDICTED: leucine-rich repeat-containing protein 40 isoform
>gi|1037091156|ref|XP_017144027.1| PREDICTED: leucine-rich repeat-containing protein 40 isoform
>gi|1037091089|ref|XP_017144023.1| PREDICTED: leucine-rich repeat-containing protein 40 isoform
>gi|1037091130|ref|XP_017144025.1| PREDICTED: leucine-rich repeat-containing protein 40 isoform
>gi|1037091168|ref|XP_017144028.1| PREDICTED: leucine-rich repeat-containing protein 40 isoform
>gi|1037034542|ref|XP_017140166.1| PREDICTED: cilia- and flagella-associated protein 36 isoform
>gi|1037034526|ref|XP_017140165.1| PREDICTED: cilia- and flagella-associated protein 36 isoform
>gi|1037040949|ref|XP 017140555.1| PREDICTED: serine/threonine-protein phosphatase 4 regulator
>gi|1037041258|ref|XP_017140577.1| PREDICTED: uncharacterized protein LOC108154725 [Drosophila
>gi|1037041274|ref|XP_017140578.1| PREDICTED: uncharacterized protein LOC108154726 [Drosophila
>gi|1037040990|ref|XP_017140559.1| PREDICTED: transmembrane protein 245 isoform X1 [Drosophila
>gi|1037041004|ref|XP_017140560.1| PREDICTED: transmembrane protein 245 isoform X2 [Drosophila
>gi|1037041018|ref|XP_017140561.1| PREDICTED: transmembrane protein 245 isoform X3 [Drosophila
>gi|1037041213|ref|XP_017140574.1| PREDICTED: alcohol dehydrogenase [NADP(+)] [Drosophila mirated
>gi|1037041242|ref|XP_017140575.1| PREDICTED: uncharacterized protein LOC108154724 [Drosophila
>gi|1037041200|ref|XP_017140573.1| PREDICTED: tRNA dimethylallyltransferase, mitochondrial [Droperty of the control of the con
>gi|1037041163|ref|XP_017140570.1| PREDICTED: bifunctional purine biosynthesis protein PURH is
>gi|1037041179|ref|XP_017140571.1| PREDICTED: bifunctional purine biosynthesis protein PURH is
>gi|1037040963|ref|XP_017140556.1| PREDICTED: ATP-binding cassette sub-family G member 8 isofo
>gi|1037040975|ref|XP_017140557.1| PREDICTED: ATP-binding cassette sub-family G member 8 isoform
>gi|1037041117|ref|XP_017140566.1| PREDICTED: ATP-binding cassette sub-family G member 5 [Dros
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>gi|1037041132|ref|XP 017140567.1| PREDICTED: ATP-binding cassette sub-family G member 5 [Dros
>gi|1037041147|ref|XP_017140569.1| PREDICTED: ATP-binding cassette sub-family G member 5 [Dros
>gi|1037041082|ref|XP_017140565.1| PREDICTED: mucin-5AC isoform X4 [Drosophila miranda]
>gi|1037041066|ref|XP_017140564.1| PREDICTED: mucin-5AC isoform X3 [Drosophila miranda]
>gi|1037041048|ref|XP 017140563.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1037041034|ref|XP_017140562.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037041187|ref|XP 017140572.1| PREDICTED: uncharacterized protein LOC108154721 [Drosophila
>gi|1037089855|ref|XP_017143925.1| PREDICTED: GPI transamidase component PIG-S-like isoform X2
>gi|1037089844|ref|XP_017143924.1| PREDICTED: prolyl 3-hydroxylase sudestada1-like isoform X1
>gi|1037104396|ref|XP_017145208.1| PREDICTED: stearoyl-CoA desaturase 5 [Drosophila miranda]
>gi|1037024516|ref|XP_017139554.1| PREDICTED: uncharacterized protein LOC108153968 [Drosophila
>gi|1037039974|ref|XP_017140488.1| PREDICTED: uncharacterized protein LOC108154662 [Drosophila
>gi|1037034993|ref|XP_017140191.1| PREDICTED: uncharacterized protein LOC108154432 [Drosophila
>gi|1037096182|ref|XP_017144402.1| PREDICTED: wnt inhibitor of Dorsal protein [Drosophila mirated]
>gi|1037096194|ref|XP_017144403.1| PREDICTED: glutamyl aminopeptidase [Drosophila miranda]
>gi|1037096170|ref|XP_017144401.1| PREDICTED: glutamyl aminopeptidase [Drosophila miranda]
>gi|1037084607|ref|XP_017143556.1| PREDICTED: glutamyl aminopeptidase isoform X2 [Drosophila m
>gi|1037084621|ref|XP_017143557.1| PREDICTED: uncharacterized protein LOC108156549 [Drosophila
>gi|1037084591|ref|XP_017143555.1| PREDICTED: glutamyl aminopeptidase isoform X1 [Drosophila m
>gi|1037024533|ref|XP 017139555.1| PREDICTED: beta-1,3-galactosyltransferase 1-like [Drosophile]
>gi|1037035906|ref|XP_017140237.1| PREDICTED: uncharacterized protein LOC108154474 [Drosophila
>gi|1037104784|ref|XP 017145262.1| PREDICTED: neuromedin-U receptor 1 [Drosophila miranda]
>gi|1037104792|ref|XP_017145263.1| PREDICTED: neuromedin-U receptor 1 [Drosophila miranda]
>gi|1037105802|ref|XP_017145409.1| PREDICTED: neurotensin receptor type 1 isoform X1 [Drosophi
>gi|1037105808|ref|XP_017145410.1| PREDICTED: neuromedin-U receptor 2 isoform X2 [Drosophila m
>gi|1037105816|ref|XP_017145411.1| PREDICTED: neuromedin-U receptor 2 isoform X3 [Drosophila m
>gi|1037105826|ref|XP_017145412.1| PREDICTED: neuromedin-U receptor 2 isoform X4 [Drosophila m
>gi|1037094910|ref|XP_017144296.1| PREDICTED: uncharacterized protein LOC108157007 [Drosophila
>gi|1037094923|ref|XP_017144297.1| PREDICTED: uncharacterized protein LOC108157007 [Drosophila
>gi|1037094936|ref|XP 017144298.1| PREDICTED: uncharacterized protein LOC108157007 [Drosophila
>gi|1037094883|ref|XP_017144294.1| PREDICTED: mitochondrial dicarboxylate carrier [Drosophila 1
>gi|1037094897|ref|XP_017144295.1| PREDICTED: mitochondrial dicarboxylate carrier [Drosophila i
>gi|1037033576|ref|XP_017140105.1| PREDICTED: uncharacterized protein LOC108154351 [Drosophila
>gi|1037033559|ref|XP_017140104.1| PREDICTED: lipase 3 [Drosophila miranda]
>gi|1037039396|ref|XP 017140445.1| PREDICTED: uncharacterized protein LOC108154633 [Drosophila
>gi|1037101113|ref|XP_017144851.1| PREDICTED: uncharacterized protein LOC108157342 isoform X3
>gi|1037101103|ref|XP_017144850.1| PREDICTED: probable replication factor C subunit 1 isoform
>gi|1037101095|ref|XP_017144849.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037030939|ref|XP_017139949.1| PREDICTED: 28S ribosomal protein S21, mitochondrial [Drosop
>gi|1037078305|ref|XP_017143094.1| PREDICTED: dnaJ homolog subfamily A member 4 [Drosophila mi
>gi|1037078291|ref|XP_017143093.1| PREDICTED: WD repeat-containing protein 36 [Drosophila mirated
>gi|1037104592|ref|XP_017145235.1| PREDICTED: neuropeptide CCHamide-2 [Drosophila miranda]
>gi|1037104600|ref|XP 017145236.1| PREDICTED: neuropeptide CCHamide-2 [Drosophila miranda]
>gi|1037104606|ref|XP_017145237.1| PREDICTED: neuropeptide CCHamide-2 [Drosophila miranda]
>gi|1037104614|ref|XP_017145238.1| PREDICTED: neuropeptide CCHamide-2 [Drosophila miranda]
>gi|1037104626|ref|XP_017145239.1| PREDICTED: neuropeptide CCHamide-2 [Drosophila miranda]
>gi|1037097027|ref|XP_017144477.1| PREDICTED: GILT-like protein CO2D5.2 isoform X2 [Drosophila
>gi|1037097015|ref|XP_017144476.1| PREDICTED: GILT-like protein CO2D5.2 isoform X1 [Drosophila
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>gi|1037030906|ref|XP_017139947.1| PREDICTED: dolichol-phosphate mannosyltransferase subunit 3
>gi|1037084157|ref|XP_017143521.1| PREDICTED: uncharacterized protein LOC108156527 isoform X1
>gi|1037084171|ref|XP_017143522.1| PREDICTED: coiled-coil domain-containing protein 149 isoform
>gi|1037024551|ref|XP_017139556.1| PREDICTED: copper homeostasis protein cutC homolog, partial
>gi|1037084187|ref|XP 017143523.1| PREDICTED: programmed cell death protein 10 [Drosophila mire
>gi|1037096414|ref|XP_017144423.1| PREDICTED: uncharacterized protein LOC108157085 isoform X1
>gi|1037096426|ref|XP 017144424.1| PREDICTED: uncharacterized protein LOC108157085 isoform X2
>gi|1037096513|ref|XP_017144432.1| PREDICTED: uncharacterized protein LOC108157085 isoform X9
>gi|1037096525|ref|XP_017144433.1| PREDICTED: uncharacterized protein LOC108157085 isoform X10
>gi|1037096491|ref|XP_017144430.1| PREDICTED: uncharacterized protein LOC108157085 isoform X7
>gi|1037096442|ref|XP_017144425.1| PREDICTED: uncharacterized protein LOC108157085 isoform X3
>gi|1037096466|ref|XP_017144427.1| PREDICTED: uncharacterized protein LOC108157085 isoform X5
>gi|1037096548|ref|XP_017144435.1| PREDICTED: uncharacterized protein LOC108157085 isoform X12
>gi|1037096479|ref|XP_017144429.1| PREDICTED: uncharacterized protein LOC108157085 isoform X6
>gi|1037096560|ref|XP 017144436.1| PREDICTED: uncharacterized protein LOC108157085 isoform X13
>gi|1037096536|ref|XP_017144434.1| PREDICTED: uncharacterized protein LOC108157085 isoform X11
>gi|1037096454|ref|XP_017144426.1| PREDICTED: uncharacterized protein LOC108157085 isoform X4
>gi|1037096503|ref|XP_017144431.1| PREDICTED: uncharacterized protein LOC108157085 isoform X8
>gi|1037096570|ref|XP_017144437.1| PREDICTED: uncharacterized protein LOC108157086 [Drosophila
>gi|1037096582|ref|XP 017144440.1| PREDICTED: uncharacterized protein LOC108157087 [Drosophila
>gi|1037104297|ref|XP_017145194.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1037104289|ref|XP_017145193.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1037076489|ref|XP_017142960.1| PREDICTED: ataxin-2 homolog isoform X1 [Drosophila miranda]
>gi|1037076505|ref|XP_017142961.1| PREDICTED: ataxin-2 homolog isoform X2 [Drosophila miranda]
>gi|1037076521|ref|XP_017142963.1| PREDICTED: ataxin-2 homolog isoform X2 [Drosophila miranda]
>gi|1037076537|ref|XP_017142964.1| PREDICTED: broad-complex core protein [Drosophila miranda]
>gi|1037048747|ref|XP_017141070.1| PREDICTED: LOW QUALITY PROTEIN: protein split ends [Drosoph
>gi|1037048731|ref|XP_017141069.1| PREDICTED: endoplasmic reticulum mannosyl-oligosaccharide 1
>gi|1037065897|ref|XP_017142233.1| PREDICTED: RUN and FYVE domain-containing protein 2 isoform
>gi|1037065833|ref|XP_017142229.1| PREDICTED: RUN and FYVE domain-containing protein 2 isoform
>gi|1037065849|ref|XP_017142230.1| PREDICTED: RUN and FYVE domain-containing protein 2 isoform
>gi|1037065911|ref|XP_017142234.1| PREDICTED: protein RUFY3 isoform X5 [Drosophila miranda]
>gi|1037065881|ref|XP_017142232.1| PREDICTED: protein RUFY3 isoform X3 [Drosophila miranda]
>gi|1037065865|ref|XP_017142231.1| PREDICTED: uncharacterized protein LOC108155731 isoform X2
>gi|1037065943|ref|XP 017142236.1| PREDICTED: protein RUFY3 isoform X7 [Drosophila miranda]
>gi|1037065927|ref|XP_017142235.1| PREDICTED: protein RUFY3 isoform X6 [Drosophila miranda]
>gi|1037065957|ref|XP 017142237.1| PREDICTED: uncharacterized protein LOC108155733 isoform X1
>gi|1037065971|ref|XP_017142238.1| PREDICTED: uncharacterized protein LOC108155733 isoform X2
>gi|1037065986|ref|XP_017142239.1| PREDICTED: DNA polymerase alpha subunit B [Drosophila miran-
>gi|1037066001|ref|XP_017142240.1| PREDICTED: uncharacterized protein LOC108155735 [Drosophila
>gi|1037066016|ref|XP_017142241.1| PREDICTED: uncharacterized protein LOC108155735 [Drosophila
>gi|1037034796|ref|XP_017140181.1| PREDICTED: filamin-B [Drosophila miranda]
>gi|1037087634|ref|XP_017143750.1| PREDICTED: tubulin polyglutamylase TTLL13 [Drosophila miran-
>gi|1037087648|ref|XP_017143752.1| PREDICTED: serine/threonine-protein kinase pelle [Drosophile]
>gi|1037087662|ref|XP_017143753.1| PREDICTED: transcription initiation factor IIA subunit 1 is
>gi|1037087675|ref|XP_017143754.1| PREDICTED: transcription initiation factor IIA subunit 1 is
>gi|1037087689|ref|XP_017143755.1| PREDICTED: transcription initiation factor IIA subunit 1 is
>gi|1037041847|ref|XP_017140614.1| PREDICTED: zinc finger MYM-type protein 4 isoform X2 [Droso
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>gi|1037041817|ref|XP_017140612.1| PREDICTED: zinc finger MYM-type protein 4 isoform X1 [Droso
>gi|1037041831|ref|XP_017140613.1| PREDICTED: zinc finger MYM-type protein 4 isoform X1 [Droso
>gi|1037041969|ref|XP_017140621.1| PREDICTED: uncharacterized protein LOC108154758 [Drosophila
>gi|1037041910|ref|XP_017140618.1| PREDICTED: uncharacterized protein LOC108154754 [Drosophila
>gi|1037041893|ref|XP 017140617.1| PREDICTED: uncharacterized protein LOC108154753 [Drosophila
>gi|1037041801|ref|XP_017140611.1| PREDICTED: uncharacterized protein LOC108154750 [Drosophila
>gi|1037041940|ref|XP_017140620.1| PREDICTED: short coiled-coil protein B [Drosophila miranda]
>gi|1037041924|ref|XP_017140619.1| PREDICTED: cysteine-rich hydrophobic domain-containing prot
>gi|1037041861|ref|XP_017140615.1| PREDICTED: formin-like protein 13 isoform X1 [Drosophila mi
>gi|1037041879|ref|XP_017140616.1| PREDICTED: splicing factor, arginine/serine-rich 15 isoform
>gi|1037032920|ref|XP_017140067.1| PREDICTED: probable V-type proton ATPase subunit d 2 [Droso
>gi|1037093105|ref|XP 017144165.1| PREDICTED: uncharacterized protein LOC108156922 [Drosophila
>gi|1037093032|ref|XP_017144160.1| PREDICTED: G protein-activated inward rectifier potassium ci
>gi|1037093046|ref|XP_017144161.1| PREDICTED: G protein-activated inward rectifier potassium ci
>gi|1037093089|ref|XP_017144164.1| PREDICTED: G protein-activated inward rectifier potassium c
>gi|1037093060|ref|XP_017144162.1| PREDICTED: G protein-activated inward rectifier potassium ci
>gi|1037093075|ref|XP_017144163.1| PREDICTED: G protein-activated inward rectifier potassium ci
>gi|1037071089|ref|XP 017142591.1| PREDICTED: segmentation protein cap'n'collar isoform X2 [Dro
>gi|1037071073|ref|XP_017142590.1| PREDICTED: segmentation protein cap'n'collar isoform X1 [Dr
>gi|1037071107|ref|XP 017142592.1| PREDICTED: segmentation protein cap'n'collar isoform X3 [Dr.
>gi|1037071123|ref|XP_017142594.1| PREDICTED: segmentation protein cap'n'collar isoform X4 [Dr
>gi|1037099494|ref|XP 017144707.1| PREDICTED: endoplasmic reticulum aminopeptidase 2 isoform X
>gi|1037099482|ref|XP_017144706.1| PREDICTED: endoplasmic reticulum aminopeptidase 2 isoform X
>gi|1037099505|ref|XP_017144708.1| PREDICTED: endoplasmic reticulum aminopeptidase 2 isoform X
>gi|1037099517|ref|XP_017144709.1| PREDICTED: endoplasmic reticulum aminopeptidase 2 isoform X
>gi|1037099530|ref|XP_017144710.1| PREDICTED: endoplasmic reticulum aminopeptidase 2 isoform X
>gi|1037100338|ref|XP_017144774.1| PREDICTED: uncharacterized protein CG4449 [Drosophila miran
>gi|1037077132|ref|XP_017143002.1| PREDICTED: transcription elongation factor B polypeptide 3
>gi|1037077117|ref|XP_017143001.1| PREDICTED: TAF5-like RNA polymerase II p300/CBP-associated:
>gi|1037101919|ref|XP_017144923.1| PREDICTED: peroxisomal membrane protein 11C [Drosophila mire
>gi|1037090363|ref|XP_017143967.1| PREDICTED: uncharacterized protein LOC108156798 isoform X2
>gi|1037090377|ref|XP_017143968.1| PREDICTED: uncharacterized protein LOC108156798 isoform X2
>gi|1037090349|ref|XP 017143966.1| PREDICTED: uncharacterized protein LOC108156798 isoform X1
>gi|1037086863|ref|XP_017143722.1| PREDICTED: cell division cycle protein 16 homolog [Drosophi
>gi|1037086877|ref|XP 017143723.1| PREDICTED: low choriolytic enzyme [Drosophila miranda]
>gi|1037069992|ref|XP_017142516.1| PREDICTED: uncharacterized protein LOC108155887 [Drosophila
>gi|1037070008|ref|XP_017142517.1| PREDICTED: glutamate dehydrogenase, mitochondrial [Drosophi
>gi|1037069926|ref|XP_017142512.1| PREDICTED: ETS-like protein pointed isoform X1 [Drosophila i
>gi|1037069976|ref|XP_017142515.1| PREDICTED: ETS-like protein pointed isoform X4 [Drosophila i
>gi|1037069942|ref|XP_017142513.1| PREDICTED: ETS-like protein pointed isoform X2 [Drosophila i
>gi|1037069958|ref|XP_017142514.1| PREDICTED: ETS-like protein pointed isoform X3 [Drosophila i
>gi|1037080224|ref|XP_017143220.1| PREDICTED: phosphatidylinositide phosphatase SAC2 isoform X
>gi|1037080251|ref|XP_017143222.1| PREDICTED: phosphatidylinositide phosphatase SAC2 isoform X
>gi|1037080238|ref|XP_017143221.1| PREDICTED: phosphatidylinositide phosphatase SAC2 isoform X
>gi|1037080210|ref|XP_017143219.1| PREDICTED: serine-rich adhesin for platelets [Drosophila mi
>gi|1037035806|ref|XP_017140230.1| PREDICTED: ficolin-1-like [Drosophila miranda]
>gi|1037102231|ref|XP_017144956.1| PREDICTED: uncharacterized protein LOC108157416 [Drosophila
>gi|1037033734|ref|XP_017140114.1| PREDICTED: homeobox protein unc-4-like [Drosophila miranda]
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>gi|1037101732|ref|XP_017144903.1| PREDICTED: uncharacterized protein LOC108157383 [Drosophila
>gi|1037101722|ref|XP_017144901.1| PREDICTED: anaphase-promoting complex subunit 4-like [Droso
>gi|1037052530|ref|XP_017141331.1| PREDICTED: transcription factor IIIB 90 kDa subunit [Drosop
>gi|1037052484|ref|XP_017141328.1| PREDICTED: BTB/POZ domain-containing protein 6 isoform X1 [
>gi|1037052499|ref|XP 017141329.1| PREDICTED: BTB/POZ domain-containing protein 6 isoform X1 [
>gi|1037052514|ref|XP_017141330.1| PREDICTED: BTB/POZ domain-containing protein 6 isoform X2 [
>gi|1037052559|ref|XP 017141334.1| PREDICTED: protein phosphatase 1 regulatory subunit 7 [Dros
>gi|1037052575|ref|XP_017141335.1| PREDICTED: protein CREG1 [Drosophila miranda]
>gi|1037052545|ref|XP_017141333.1| PREDICTED: leucine-rich repeat protein soc-2 homolog [Droso
>gi|1037034613|ref|XP_017140171.1| PREDICTED: uncharacterized protein LOC108154410 [Drosophila
>gi|1037034630|ref|XP_017140172.1| PREDICTED: uncharacterized protein LOC108154411 [Drosophila
>gi|1037104213|ref|XP 017145183.1| PREDICTED: salivary glue protein Sgs-5-like [Drosophila mire
>gi|1037104229|ref|XP_017145185.1| PREDICTED: uncharacterized protein LOC108157575 [Drosophila
>gi|1037104221|ref|XP_017145184.1| PREDICTED: salivary glue protein Sgs-5-like [Drosophila mire
>gi|1037104205|ref|XP_017145182.1| PREDICTED: salivary glue protein Sgs-5-like [Drosophila mire
>gi|1037104237|ref|XP 017145186.1| PREDICTED: vasotab [Drosophila miranda]
>gi|1037105346|ref|XP_017145344.1| PREDICTED: lysosomal aspartic protease [Drosophila miranda]
>gi|1037105354|ref|XP_017145345.1| PREDICTED: aspartic proteinase A1 [Drosophila miranda]
>gi|1037106752|ref|XP_017145539.1| PREDICTED: lysosomal aspartic protease [Drosophila miranda]
>gi|1037106759|ref|XP 017145541.1| PREDICTED: uncharacterized protein LOC108157848 [Drosophila
>gi|1037037937|ref|XP_017140354.1| PREDICTED: uncharacterized protein LOC108154563 isoform X2
>gi|1037037907|ref|XP 017140353.1| PREDICTED: uncharacterized protein LOC108154563 isoform X1
>gi|1037037466|ref|XP_017140329.1| PREDICTED: uncharacterized protein LOC108154537 [Drosophila
>gi|1037105925|ref|XP_017145425.1| PREDICTED: uncharacterized protein LOC108157756 [Drosophila
>gi|1037105917|ref|XP_017145424.1| PREDICTED: uncharacterized protein LOC108157755 [Drosophila
>gi|1037037748|ref|XP_017140345.1| PREDICTED: uncharacterized protein LOC108154553 [Drosophila
>gi|1037037344|ref|XP_017140321.1| PREDICTED: uncharacterized protein LOC108154529 [Drosophila
>gi|1037102582|ref|XP_017144989.1| PREDICTED: peroxidase [Drosophila miranda]
>gi|1037102626|ref|XP_017144994.1| PREDICTED: turripeptide Ici9.2 [Drosophila miranda]
>gi|1037102614|ref|XP_017144993.1| PREDICTED: uncharacterized protein LOC108157447 [Drosophila
>gi|1037102604|ref|XP_017144992.1| PREDICTED: uncharacterized protein LOC108157446 isoform X2
>gi|1037102594|ref|XP_017144991.1| PREDICTED: uncharacterized protein LOC108157446 isoform X1
>gi|1037038120|ref|XP 017140364.1| PREDICTED: eclosion hormone [Drosophila miranda]
>gi|1037038805|ref|XP_017140409.1| PREDICTED: uncharacterized protein LOC108154603 [Drosophila
>gi|1037104047|ref|XP 017145160.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1037104023|ref|XP_017145157.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1037104039|ref|XP 017145159.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1037103997|ref|XP_017145154.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1037104005|ref|XP_017145155.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1037104013|ref|XP_017145156.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1037104063|ref|XP_017145162.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1037104055|ref|XP_017145161.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1037104031|ref|XP_017145158.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1037106697|ref|XP_017145532.1| PREDICTED: uncharacterized protein LOC108157840 [Drosophila
>gi|1037097893|ref|XP_017144559.1| PREDICTED: ubiquitin-conjugating enzyme E2 J2 [Drosophila m
>gi|1037097905|ref|XP_017144560.1| PREDICTED: ubiquitin-conjugating enzyme E2 J2 [Drosophila m
>gi|1037030816|ref|XP_017139941.1| PREDICTED: uncharacterized protein LOC108154226 [Drosophila
>gi|1037062073|ref|XP_017141983.1| PREDICTED: pyrroline-5-carboxylate reductase 3 [Drosophila 1
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>gi|1037062010|ref|XP_017141978.1| PREDICTED: nucleolar protein 14 homolog [Drosophila miranda]
>gi|1037062026|ref|XP_017141979.1| PREDICTED: serine/threonine-protein phosphatase 2A 56 kDa re
>gi|1037062042|ref|XP_017141980.1| PREDICTED: serine/threonine-protein phosphatase 2A 56 kDa re
>gi|1037062057|ref|XP_017141981.1| PREDICTED: serine/threonine-protein phosphatase 2A 56 kDa re
>gi|1037032851|ref|XP 017140063.1| PREDICTED: solute carrier family 25 member 45 [Drosophila m
>gi|1037079181|ref|XP_017143153.1| PREDICTED: kinesin-like protein Klp98A isoform X1 [Drosophi
>gi|1037079195|ref|XP 017143154.1| PREDICTED: kinesin-like protein Klp98A isoform X2 [Drosophi
>gi|1037024569|ref|XP_017139557.1| PREDICTED: putative gustatory receptor 98b [Drosophila mirated]
>gi|1037105300|ref|XP_017145337.1| PREDICTED: RNA polymerase II degradation factor 1 [Drosophi
>gi|1037024585|ref|XP_017139559.1| PREDICTED: IQ domain-containing protein G [Drosophila miran-
>gi|1037034953|ref|XP_017140188.1| PREDICTED: uncharacterized protein LOC108154431 isoform X1
>gi|1037034969|ref|XP 017140189.1| PREDICTED: uncharacterized protein LOC108154431 isoform X2
>gi|1037024601|ref|XP_017139560.1| PREDICTED: putative gustatory receptor 98a [Drosophila mirat
>gi|1037024617|ref|XP_017139561.1| PREDICTED: kelch-like protein 2 [Drosophila miranda]
>gi|1037105308|ref|XP_017145338.1| PREDICTED: GPI ethanolamine phosphate transferase 1 [Drosop
>gi|1037094965|ref|XP_017144300.1| PREDICTED: uncharacterized protein LOC108157009 isoform X2
>gi|1037094951|ref|XP_017144299.1| PREDICTED: uncharacterized protein LOC108157009 isoform X1
>gi|1037084291|ref|XP 017143531.1| PREDICTED: uncharacterized protein LOC108156534 [Drosophila
>gi|1037084305|ref|XP_017143532.1| PREDICTED: uncharacterized protein LOC108156535 [Drosophila
>gi|1037084277|ref|XP 017143529.1| PREDICTED: dynein beta chain, ciliary [Drosophila miranda]
>gi|1037084253|ref|XP_017143528.1| PREDICTED: dynein beta chain, ciliary [Drosophila miranda]
>gi|1037092038|ref|XP 017144093.1| PREDICTED: uncharacterized protein LOC108156875 [Drosophila
>gi|1037092024|ref|XP_017144092.1| PREDICTED: adipocyte plasma membrane-associated protein [Dr
>gi|1037089030|ref|XP_017143859.1| PREDICTED: max-like protein X [Drosophila miranda]
>gi|1037089017|ref|XP_017143858.1| PREDICTED: uncharacterized protein LOC108156718 [Drosophila
>gi|1037079209|ref|XP_017143156.1| PREDICTED: RING finger protein unkempt isoform X1 [Drosophi
>gi|1037079223|ref|XP_017143157.1| PREDICTED: RING finger protein unkempt isoform X2 [Drosophi
>gi|1037079237|ref|XP_017143158.1| PREDICTED: RING finger protein unkempt isoform X3 [Drosophi
>gi|1037079443|ref|XP_017143159.1| PREDICTED: RING finger protein unkempt isoform X4 [Drosophi
>gi|1037098106|ref|XP_017144579.1| PREDICTED: protein hedgehog [Drosophila miranda]
>gi|1037034124|ref|XP_017140138.1| PREDICTED: uncharacterized protein LOC108154385 [Drosophila
>gi|1037041474|ref|XP_017140591.1| PREDICTED: histone RNA hairpin-binding protein isoform X1 [
>gi|1037041488|ref|XP 017140592.1| PREDICTED: histone RNA hairpin-binding protein isoform X2 [
>gi|1037041430|ref|XP_017140587.1| PREDICTED: eukaryotic translation initiation factor 2D [Dros
>gi|1037041504|ref|XP 017140593.1| PREDICTED: phosphoglycerate mutase 1 [Drosophila miranda]
>gi|1037041460|ref|XP_017140590.1| PREDICTED: uncharacterized protein LOC108154734 [Drosophila
>gi|1037041446|ref|XP 017140589.1| PREDICTED: UDP-xylose and UDP-N-acetylglucosamine transport
>gi|1037041290|ref|XP_017140579.1| PREDICTED: aminopeptidase N [Drosophila miranda]
>gi|1037041516|ref|XP_017140594.1| PREDICTED: UDP-N-acetylglucosamine transferase subunit ALG1
>gi|1037041336|ref|XP_017140582.1| PREDICTED: V-type proton ATPase 116 kDa subunit a isoform X
>gi|1037041320|ref|XP_017140581.1| PREDICTED: V-type proton ATPase 116 kDa subunit a isoform X
>gi|1037041352|ref|XP_017140583.1| PREDICTED: V-type proton ATPase 116 kDa subunit a isoform X-
>gi|1037041304|ref|XP_017140580.1| PREDICTED: V-type proton ATPase 116 kDa subunit a isoform X
>gi|1037041398|ref|XP_017140585.1| PREDICTED: uncharacterized protein LOC108154731 isoform X1
>gi|1037041414|ref|XP_017140586.1| PREDICTED: uncharacterized protein LOC108154731 isoform X2
>gi|1037041382|ref|XP_017140584.1| PREDICTED: CTL-like protein 2 [Drosophila miranda]
>gi|1037063561|ref|XP_017142086.1| PREDICTED: yemanuclein-alpha [Drosophila miranda]
>gi|1037063577|ref|XP_017142087.1| PREDICTED: beclin 1-associated autophagy-related key regula
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>gi|1037063593|ref|XP_017142088.1| PREDICTED: pyruvate dehydrogenase E1 component subunit beta
>gi|1037063609|ref|XP_017142090.1| PREDICTED: uncharacterized protein LOC108155650 isoform X2
>gi|1037063625|ref|XP_017142091.1| PREDICTED: uridine diphosphate glucose pyrophosphatase-like
>gi|1037063639|ref|XP_017142092.1| PREDICTED: uridine diphosphate glucose pyrophosphatase [Dros
>gi|1037024637|ref|XP 017139562.1| PREDICTED: uncharacterized protein LOC108153976 [Drosophila
>gi|1037093911|ref|XP_017144220.1| PREDICTED: protein serrate isoform X1 [Drosophila miranda]
>gi|1037093924|ref|XP 017144221.1| PREDICTED: protein serrate isoform X2 [Drosophila miranda]
>gi|1037104197|ref|XP_017145181.1| PREDICTED: DNA repair protein RAD51 homolog 3 [Drosophila m
>gi|1037104340|ref|XP 017145200.1| PREDICTED: serine palmitoyltransferase small subunit B [Dro
>gi|1037104346|ref|XP_017145201.1| PREDICTED: degenerin unc-8 [Drosophila miranda]
>gi|1037095694|ref|XP_017144357.1| PREDICTED: serine protease easter [Drosophila miranda]
>gi|1037095707|ref|XP_017144359.1| PREDICTED: serine protease easter [Drosophila miranda]
>gi|1037095661|ref|XP_017144355.1| PREDICTED: NADP-dependent malic enzyme isoform X1 [Drosophi
>gi|1037095684|ref|XP_017144356.1| PREDICTED: NADP-dependent malic enzyme isoform X2 [Drosophi
>gi|1037062471|ref|XP_017142010.1| PREDICTED: uncharacterized protein LOC108155599 isoform X1
>gi|1037062486|ref|XP_017142011.1| PREDICTED: uncharacterized protein LOC108155599 isoform X2
>gi|1037062548|ref|XP_017142016.1| PREDICTED: lateral signaling target protein 2 homolog [Dros
>gi|1037062502|ref|XP_017142012.1| PREDICTED: cilia- and flagella-associated protein 58 [Droso
>gi|1037062518|ref|XP_017142013.1| PREDICTED: cilia- and flagella-associated protein 58 [Droso
>gi|1037062532|ref|XP 017142014.1| PREDICTED: probable palmitoyltransferase ZDHHC16 [Drosophile
>gi|1037083699|ref|XP_017143484.1| PREDICTED: UPF0396 protein CG6066 [Drosophila miranda]
>gi|1037083685|ref|XP 017143483.1| PREDICTED: large neutral amino acids transporter small subu
>gi|1037104745|ref|XP_017145256.1| PREDICTED: carbonic anhydrase 2 isoform X2 [Drosophila mirated
>gi|1037104737|ref|XP_017145255.1| PREDICTED: carbonic anhydrase 2 isoform X1 [Drosophila mirates
>gi|1037104753|ref|XP_017145257.1| PREDICTED: uncharacterized protein LOC108157629 [Drosophila
>gi|1037103512|ref|XP_017145091.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1037103520|ref|XP_017145092.1| PREDICTED: uncharacterized protein LOC108157504 [Drosophila
>gi|1037103526|ref|XP_017145093.1| PREDICTED: uncharacterized protein LOC108157505 [Drosophila
>gi|1037032536|ref|XP_017140043.1| PREDICTED: DNA translocase FtsK [Drosophila miranda]
>gi|1037033037|ref|XP_017140074.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 2
>gi|1037033023|ref|XP_017140073.1| PREDICTED: loricrin isoform X3 [Drosophila miranda]
>gi|1037032987|ref|XP_017140071.1| PREDICTED: uncharacterized protein LOC108154323 isoform X1
>gi|1037033005|ref|XP 017140072.1| PREDICTED: uncharacterized protein LOC108154323 isoform X2
>gi|1037098541|ref|XP_017144624.1| PREDICTED: protein spaetzle isoform X1 [Drosophila miranda]
>gi|1037098553|ref|XP 017144626.1| PREDICTED: protein spaetzle isoform X2 [Drosophila miranda]
>gi|1037098565|ref|XP_017144627.1| PREDICTED: protein spaetzle isoform X3 [Drosophila miranda]
>gi|1037098577|ref|XP 017144628.1| PREDICTED: protein spaetzle isoform X4 [Drosophila miranda]
>gi|1037098601|ref|XP_017144630.1| PREDICTED: protein spaetzle isoform X6 [Drosophila miranda]
>gi|1037098613|ref|XP_017144631.1| PREDICTED: protein spaetzle isoform X7 [Drosophila miranda]
>gi|1037098625|ref|XP_017144632.1| PREDICTED: protein spaetzle isoform X8 [Drosophila miranda]
>gi|1037098652|ref|XP_017144634.1| PREDICTED: protein spaetzle isoform X10 [Drosophila miranda]
>gi|1037098664|ref|XP_017144635.1| PREDICTED: protein spaetzle isoform X11 [Drosophila miranda]
>gi|1037098589|ref|XP_017144629.1| PREDICTED: protein spaetzle isoform X5 [Drosophila miranda]
>gi|1037098640|ref|XP_017144633.1| PREDICTED: protein spaetzle isoform X9 [Drosophila miranda]
>gi|1037098676|ref|XP_017144637.1| PREDICTED: protein spaetzle isoform X12 [Drosophila miranda]
>gi|1037098699|ref|XP_017144639.1| PREDICTED: protein spaetzle isoform X14 [Drosophila miranda]
>gi|1037098709|ref|XP_017144640.1| PREDICTED: protein spaetzle isoform X15 [Drosophila miranda]
>gi|1037098687|ref|XP_017144638.1| PREDICTED: protein spaetzle isoform X13 [Drosophila miranda]
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>gi|1037098721|ref|XP_017144641.1| PREDICTED: uncharacterized protein LOC108157204 [Drosophila
>gi|1037033598|ref|XP_017140106.1| PREDICTED: endothelin-converting enzyme 1 [Drosophila miran-
>gi|1037033632|ref|XP 017140109.1| PREDICTED: uncharacterized protein LOC108154353 isoform X2
>gi|1037033616|ref|XP_017140107.1| PREDICTED: uncharacterized protein LOC108154353 isoform X1
>gi|1037095481|ref|XP 017144341.1| PREDICTED: neuropeptide Y receptor isoform X1 [Drosophila m
>gi|1037095513|ref|XP_017144343.1| PREDICTED: neuropeptide Y receptor isoform X3 [Drosophila m
>gi|1037095497|ref|XP 017144342.1| PREDICTED: neuropeptide Y receptor isoform X2 [Drosophila m
>gi|1037095621|ref|XP_017144352.1| PREDICTED: pupal cuticle protein 36a [Drosophila miranda]
>gi|1037095635|ref|XP_017144353.1| PREDICTED: pupal cuticle protein 36a [Drosophila miranda]
>gi|1037095552|ref|XP_017144346.1| PREDICTED: pancreatic triacylglycerol lipase-like [Drosophi
>gi|1037095540|ref|XP_017144345.1| PREDICTED: phospholipase A1-like [Drosophila miranda]
>gi|1037095593|ref|XP 017144349.1| PREDICTED: phospholipase A1-like [Drosophila miranda]
>gi|1037095579|ref|XP_017144348.1| PREDICTED: phospholipase A1-like [Drosophila miranda]
>gi|1037095607|ref|XP_017144351.1| PREDICTED: phospholipase A1-like [Drosophila miranda]
>gi|1037095565|ref|XP_017144347.1| PREDICTED: phospholipase A1 [Drosophila miranda]
>gi|1037095455|ref|XP 017144339.1| PREDICTED: polysialoglycoprotein isoform X1 [Drosophila mire
>gi|1037095467|ref|XP_017144340.1| PREDICTED: uncharacterized protein LOC108157037 isoform X2
>gi|1037095527|ref|XP_017144344.1| PREDICTED: tenascin [Drosophila miranda]
>gi|1037024655|ref|XP_017139563.1| PREDICTED: extensin [Drosophila miranda]
>gi|1037034104|ref|XP 017140137.1| PREDICTED: leucine-rich repeat-containing protein C10orf11
>gi|1037074321|ref|XP_017142814.1| PREDICTED: aldehyde dehydrogenase X, mitochondrial [Drosoph
>gi|1037074337|ref|XP 017142815.1| PREDICTED: uncharacterized protein LOC108156053 isoform X1
>gi|1037074349|ref|XP_017142816.1| PREDICTED: uncharacterized protein LOC108156053 isoform X2
>gi|1037074363|ref|XP_017142817.1| PREDICTED: uncharacterized protein LOC108156053 isoform X2
>gi|1037074306|ref|XP_017142813.1| PREDICTED: probable Rho GTPase-activating protein CG5521 is
>gi|1037074291|ref|XP_017142812.1| PREDICTED: probable Rho GTPase-activating protein CG5521 is
>gi|1037042518|ref|XP_017140659.1| PREDICTED: putative gustatory receptor 97a [Drosophila mirat
>gi|1037042420|ref|XP_017140652.1| PREDICTED: coatomer subunit gamma [Drosophila miranda]
>gi|1037042436|ref|XP_017140653.1| PREDICTED: protein pygopus [Drosophila miranda]
>gi|1037042406|ref|XP 017140651.1| PREDICTED: uncharacterized protein LOC108154777 [Drosophila
>gi|1037042533|ref|XP_017140660.1| PREDICTED: putative tricarboxylate transport protein, mitoci
>gi|1037042483|ref|XP_017140657.1| PREDICTED: acyl-coenzyme A thioesterase 9, mitochondrial-li
>gi|1037042500|ref|XP 017140658.1| PREDICTED: acyl-coenzyme A thioesterase 9, mitochondrial-li
>gi|1037042452|ref|XP_017140654.1| PREDICTED: acyl-coenzyme A thioesterase 9, mitochondrial [Di
>gi|1037042468|ref|XP 017140656.1| PREDICTED: acyl-coenzyme A thioesterase 9, mitochondrial [Di
>gi|1037042543|ref|XP_017140661.1| PREDICTED: 60S ribosomal protein L6 [Drosophila miranda]
>gi|1037062564|ref|XP 017142017.1| PREDICTED: cyclin G [Drosophila miranda]
>gi|1037062580|ref|XP_017142018.1| PREDICTED: cyclin G [Drosophila miranda]
>gi|1037083263|ref|XP_017143448.1| PREDICTED: mothers against decapentaplegic homolog 4 isoform
>gi|1037083277|ref|XP_017143449.1| PREDICTED: mothers against decapentaplegic homolog 4 isoform
>gi|1037083305|ref|XP_017143451.1| PREDICTED: N-acetyltransferase 9-like protein [Drosophila m
>gi|1037083291|ref|XP_017143450.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037050697|ref|XP 017141206.1| PREDICTED: colorectal mutant cancer protein isoform X1 [Drop
>gi|1037050713|ref|XP_017141207.1| PREDICTED: colorectal mutant cancer protein isoform X2 [Dros
>gi|1037050743|ref|XP_017141209.1| PREDICTED: pre-mRNA-splicing factor SPF27 [Drosophila miran-
>gi|1037050727|ref|XP_017141208.1| PREDICTED: 60S ribosomal protein L4 [Drosophila miranda]
>gi|1037050665|ref|XP_017141203.1| PREDICTED: glycerol-3-phosphate acyltransferase 1, mitochon
>gi|1037050757|ref|XP_017141210.1| PREDICTED: RING finger protein 212B [Drosophila miranda]
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>gi|1037050681|ref|XP_017141204.1| PREDICTED: glycerol-3-phosphate acyltransferase 1, mitochon
>gi|1037050651|ref|XP_017141202.1| PREDICTED: probable histone-lysine N-methyltransferase Mes-
>gi|1037075577|ref|XP_017142901.1| PREDICTED: flocculation protein FL011 isoform X1 [Drosophile
>gi|1037075593|ref|XP_017142902.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1037075607|ref|XP 017142903.1| PREDICTED: flocculation protein FL011 isoform X2 [Drosophile
>gi|1037075623|ref|XP_017142904.1| PREDICTED: mitoferrin [Drosophila miranda]
>gi|1037045256|ref|XP_017140838.1| PREDICTED: endoplasmin homolog [Drosophila miranda]
>gi|1037045317|ref|XP_017140843.1| PREDICTED: uncharacterized protein CG4951 isoform X3 [Droso
>gi|1037045302|ref|XP_017140842.1| PREDICTED: uncharacterized protein CG4951 isoform X2 [Droso
>gi|1037045288|ref|XP_017140841.1| PREDICTED: uncharacterized protein CG4951 isoform X1 [Droso
>gi|1037045272|ref|XP_017140840.1| PREDICTED: neprilysin-2 [Drosophila miranda]
>gi|1037045426|ref|XP 017140850.1| PREDICTED: uncharacterized protein C6orf203 homolog [Drosop.
>gi|1037045367|ref|XP_017140846.1| PREDICTED: uncharacterized protein LOC108154905 [Drosophila
>gi|1037045379|ref|XP_017140847.1| PREDICTED: uncharacterized protein LOC108154905 [Drosophila
>gi|1037045349|ref|XP_017140845.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1037045240|ref|XP 017140837.1| PREDICTED: 116 kDa U5 small nuclear ribonucleoprotein compos
>gi|1037045410|ref|XP_017140849.1| PREDICTED: uncharacterized protein LOC108154908 [Drosophila
>gi|1037045333|ref|XP 017140844.1| PREDICTED: tubulin beta chain [Drosophila miranda]
>gi|1037045394|ref|XP_017140848.1| PREDICTED: trypsin [Drosophila miranda]
>gi|1037099436|ref|XP 017144702.1| PREDICTED: nucleolysin TIA-1 isoform X1 [Drosophila miranda
>gi|1037099448|ref|XP_017144703.1| PREDICTED: nucleolysin TIA-1 isoform X2 [Drosophila miranda]
>gi|1037104871|ref|XP 017145276.1| PREDICTED: nucleolysin TIA-1 isoform X1 [Drosophila miranda
>gi|1037104879|ref|XP_017145277.1| PREDICTED: nucleolysin TIA-1 isoform X1 [Drosophila miranda]
>gi|1037104897|ref|XP_017145278.1| PREDICTED: nucleolysin TIA-1 isoform X2 [Drosophila miranda
>gi|1037105009|ref|XP_017145295.1| PREDICTED: LOW QUALITY PROTEIN: DBF4-type zinc finger-conta
>gi|1037105017|ref|XP_017145296.1| PREDICTED: DBF4-type zinc finger-containing protein 2 homological description of the containing protein 2 homological description of 2 homological description 
>gi|1037033398|ref|XP_017140094.1| PREDICTED: uncharacterized protein LOC108154343 [Drosophila
>gi|1037034661|ref|XP_017140174.1| PREDICTED: cytochrome c-type heme lyase-like [Drosophila mi
>gi|1037068950|ref|XP_017142442.1| PREDICTED: LOW QUALITY PROTEIN: la-related protein 1 [Droso
>gi|1037096135|ref|XP_017144397.1| PREDICTED: LOW QUALITY PROTEIN: glutamine--fructose-6-phosp
>gi|1037077272|ref|XP_017143012.1| PREDICTED: LOW QUALITY PROTEIN: peptidyl-prolyl cis-trans i
>gi|1037077256|ref|XP_017143011.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037096616|ref|XP 017144443.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037037877|ref|XP_017140351.1| PREDICTED: transmembrane protein 26 [Drosophila miranda]
>gi|1037099912|ref|XP 017144745.1| PREDICTED: ribosomal RNA processing protein 36 homolog [Drop
>gi|1037099922|ref|XP_017144746.1| PREDICTED: 39S ribosomal protein L11, mitochondrial [Drosop
>gi|1037037398|ref|XP 017140325.1| PREDICTED: uncharacterized protein LOC108154532 [Drosophila
>gi|1037032869|ref|XP_017140064.1| PREDICTED: ctenidin-3 [Drosophila miranda]
>gi|1037035577|ref|XP_017140217.1| PREDICTED: uncharacterized protein LOC108154457 isoform X1
>gi|1037035595|ref|XP_017140218.1| PREDICTED: uncharacterized protein LOC108154457 isoform X2
>gi|1037094307|ref|XP_017144250.1| PREDICTED: uncharacterized protein LOC108156971 [Drosophila
>gi|1037094321|ref|XP_017144251.1| PREDICTED: dynein light chain Tctex-type [Drosophila mirand
>gi|1037094335|ref|XP_017144252.1| PREDICTED: dynein light chain Tctex-type [Drosophila mirand
>gi|1037034173|ref|XP_017140141.1| PREDICTED: uncharacterized protein LOC108154389 [Drosophila
>gi|1037103898|ref|XP_017145142.1| PREDICTED: CD209 antigen-like [Drosophila miranda]
>gi|1037081258|ref|XP 017143299.1| PREDICTED: protein no-on-transient A-like isoform X2 [Droso
>gi|1037081229|ref|XP_017143298.1| PREDICTED: protein no-on-transient A-like isoform X1 [Droso
>gi|1037057121|ref|XP 017141638.1| PREDICTED: diphthamide biosynthesis protein 2 [Drosophila m
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>gi|1037057137|ref|XP_017141640.1| PREDICTED: mitochondrial-processing peptidase subunit beta
>gi|1037057228|ref|XP_017141646.1| PREDICTED: cyclin-C [Drosophila miranda]
>gi|1037057183|ref|XP_017141643.1| PREDICTED: GPALPP motifs-containing protein 1 [Drosophila m
>gi|1037057197|ref|XP_017141644.1| PREDICTED: GPALPP motifs-containing protein 1 [Drosophila m
>gi|1037057213|ref|XP 017141645.1| PREDICTED: phosphatidate cytidylyltransferase, mitochondria
>gi|1037057106|ref|XP_017141637.1| PREDICTED: exosome component 10 [Drosophila miranda]
>gi|1037057153|ref|XP_017141641.1| PREDICTED: glycosaminoglycan xylosylkinase homolog [Drosoph
>gi|1037057167|ref|XP_017141642.1| PREDICTED: glycosaminoglycan xylosylkinase homolog [Drosoph
>gi|1037055839|ref|XP 017141552.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037055823|ref|XP_017141551.1| PREDICTED: solute carrier family 22 member 6 [Drosophila mi
>gi|1037055787|ref|XP_017141548.1| PREDICTED: LOW QUALITY PROTEIN: organic cation transporter-
>gi|1037055805|ref|XP_017141549.1| PREDICTED: LOW QUALITY PROTEIN: organic cation transporter
>gi|1037045824|ref|XP_017140875.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037045840|ref|XP_017140876.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1037045856|ref|XP_017140877.1| PREDICTED: mucin-5AC isoform X3 [Drosophila miranda]
>gi|1037045872|ref|XP_017140878.1| PREDICTED: regucalcin [Drosophila miranda]
>gi|1037045906|ref|XP_017140880.1| PREDICTED: ubiquitin-conjugating enzyme E2-17 kDa isoform X
>gi|1037045951|ref|XP_017140882.1| PREDICTED: ubiquitin-conjugating enzyme E2-17 kDa isoform X-
>gi|1037045935|ref|XP_017140881.1| PREDICTED: ubiquitin-conjugating enzyme E2-17 kDa isoform X
>gi|1037045888|ref|XP_017140879.1| PREDICTED: ubiquitin-conjugating enzyme E2-17 kDa isoform X
>gi|1037103219|ref|XP_017145059.1| PREDICTED: progestin and adipoQ receptor family member 3 is
>gi|1037103197|ref|XP_017145057.1| PREDICTED: progestin and adipoQ receptor family member 3 is
>gi|1037103229|ref|XP_017145060.1| PREDICTED: progestin and adipoQ receptor family member 3 is
>gi|1037103209|ref|XP_017145058.1| PREDICTED: progestin and adipoQ receptor family member 3 is
>gi|1037044964|ref|XP_017140820.1| PREDICTED: LOW QUALITY PROTEIN: protein kibra [Drosophila m
>gi|1037045014|ref|XP_017140823.1| PREDICTED: uncharacterized protein LOC108154891 isoform X1
>gi|1037045029|ref|XP_017140824.1| PREDICTED: uncharacterized protein LOC108154891 isoform X2
>gi|1037045001|ref|XP_017140822.1| PREDICTED: helicase sen1-like [Drosophila miranda]
>gi|1037044979|ref|XP_017140821.1| PREDICTED: TATA box-binding protein-associated factor RNA p
>gi|1037045044|ref|XP_017140825.1| PREDICTED: protein phosphatase PP2A 55 kDa regulatory subun
>gi|1037024671|ref|XP_017139564.1| PREDICTED: protein phosphatase PP2A 55 kDa regulatory subun
>gi|1037103080|ref|XP_017145043.1| PREDICTED: LOW QUALITY PROTEIN: protein Skeletor, isoforms
>gi|1037080692|ref|XP_017143255.1| PREDICTED: protein fem-1 homolog A [Drosophila miranda]
>gi|1037080744|ref|XP_017143260.1| PREDICTED: baculoviral IAP repeat-containing protein 5 [Dros
>gi|1037080717|ref|XP_017143258.1| PREDICTED: single-strand selective monofunctional uracil DN.
>gi|1037080730|ref|XP_017143259.1| PREDICTED: tRNA-specific adenosine deaminase 2 [Drosophila 1
>gi|1037080704|ref|XP 017143256.1| PREDICTED: unconventional myosin-XVIIIa-like [Drosophila mi
>gi|1037081846|ref|XP_017143347.1| PREDICTED: leishmanolysin-like peptidase isoform X1 [Drosop
>gi|1037081860|ref|XP_017143348.1| PREDICTED: leishmanolysin-like peptidase isoform X1 [Drosop
>gi|1037081872|ref|XP_017143350.1| PREDICTED: leishmanolysin-like peptidase isoform X2 [Drosop
>gi|1037022524|ref|XP_017139427.1| PREDICTED: uncharacterized protein LOC108153839 [Drosophila
>gi|1037081886|ref|XP_017143351.1| PREDICTED: zinc finger protein weckle [Drosophila miranda]
>gi|1037091319|ref|XP_017144040.1| PREDICTED: bestrophin-2 isoform X4 [Drosophila miranda]
>gi|1037091305|ref|XP_017144039.1| PREDICTED: bestrophin-2 isoform X3 [Drosophila miranda]
>gi|1037091291|ref|XP_017144038.1| PREDICTED: bestrophin-4 isoform X2 [Drosophila miranda]
>gi|1037091263|ref|XP_017144036.1| PREDICTED: bestrophin-4 isoform X1 [Drosophila miranda]
>gi|1037091275|ref|XP_017144037.1| PREDICTED: bestrophin-4 isoform X1 [Drosophila miranda]
>gi|1037102088|ref|XP_017144939.1| PREDICTED: uncharacterized protein LOC108157405 isoform X4
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>gi|1037102078|ref|XP_017144938.1| PREDICTED: uncharacterized protein LOC108157405 isoform X3
>gi|1037102068|ref|XP_017144937.1| PREDICTED: uncharacterized protein LOC108157405 isoform X2
>gi|1037102058|ref|XP_017144936.1| PREDICTED: uncharacterized protein LOC108157405 isoform X1
>gi|1037100963|ref|XP_017144836.1| PREDICTED: LOW QUALITY PROTEIN: synapsin [Drosophila mirand
>gi|1037100953|ref|XP 017144835.1| PREDICTED: tissue inhibitor of metalloproteases [Drosophila
>gi|1037103780|ref|XP_017145127.1| PREDICTED: uncharacterized protein LOC108157535 [Drosophila
>gi|1037103788|ref|XP_017145128.1| PREDICTED: multiple coagulation factor deficiency protein 2
>gi|1037103798|ref|XP_017145129.1| PREDICTED: UPF0691 protein C9orf116 homolog [Drosophila mire
>gi|1037085009|ref|XP_017143587.1| PREDICTED: titin isoform X7 [Drosophila miranda]
>gi|1037085023|ref|XP_017143588.1| PREDICTED: titin isoform X8 [Drosophila miranda]
>gi|1037084929|ref|XP_017143581.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1037084942|ref|XP_017143582.1| PREDICTED: titin isoform X2 [Drosophila miranda]
>gi|1037084956|ref|XP_017143583.1| PREDICTED: titin isoform X3 [Drosophila miranda]
>gi|1037085037|ref|XP_017143589.1| PREDICTED: titin isoform X9 [Drosophila miranda]
>gi|1037084969|ref|XP_017143584.1| PREDICTED: titin isoform X4 [Drosophila miranda]
>gi|1037084983|ref|XP_017143585.1| PREDICTED: titin isoform X5 [Drosophila miranda]
>gi|1037084997|ref|XP_017143586.1| PREDICTED: titin isoform X6 [Drosophila miranda]
>gi|1037085049|ref|XP_017143591.1| PREDICTED: glycine dehydrogenase (decarboxylating), mitochox
>gi|1037066344|ref|XP_017142265.1| PREDICTED: ruvB-like helicase 1 [Drosophila miranda]
>gi|1037066178|ref|XP 017142253.1| PREDICTED: uncharacterized protein LOC108155744 isoform X1
>gi|1037066192|ref|XP_017142254.1| PREDICTED: uncharacterized protein LOC108155744 isoform X1
>gi|1037066204|ref|XP 017142255.1| PREDICTED: uncharacterized protein LOC108155744 isoform X1
>gi|1037066220|ref|XP_017142256.1| PREDICTED: uncharacterized protein LOC108155744 isoform X2
>gi|1037066244|ref|XP_017142257.1| PREDICTED: mucin-5AC isoform X3 [Drosophila miranda]
>gi|1037066258|ref|XP_017142258.1| PREDICTED: mucin-5AC isoform X4 [Drosophila miranda]
>gi|1037066272|ref|XP_017142260.1| PREDICTED: mucin-5AC isoform X5 [Drosophila miranda]
>gi|1037066284|ref|XP_017142261.1| PREDICTED: flocculation protein FLO11 isoform X6 [Drosophile
>gi|1037066300|ref|XP_017142262.1| PREDICTED: flocculation protein FLO11 isoform X7 [Drosophile
>gi|1037066315|ref|XP_017142263.1| PREDICTED: mucin-5AC isoform X8 [Drosophila miranda]
>gi|1037066330|ref|XP_017142264.1| PREDICTED: solute carrier family 23 member 1 [Drosophila min
>gi|1037043657|ref|XP_017140734.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043641|ref|XP_017140733.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043611|ref|XP_017140731.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043596|ref|XP_017140730.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043524|ref|XP 017140725.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043580|ref|XP_017140729.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043538|ref|XP_017140726.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043564|ref|XP_017140728.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043552|ref|XP_017140727.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043512|ref|XP_017140724.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043627|ref|XP_017140732.1| PREDICTED: baculoviral IAP repeat-containing protein 6 isof
>gi|1037043708|ref|XP_017140737.1| PREDICTED: leukocyte receptor cluster member 1 [Drosophila 1
>gi|1037043723|ref|XP_017140738.1| PREDICTED: leukocyte receptor cluster member 1 [Drosophila i
>gi|1037043673|ref|XP_017140735.1| PREDICTED: protein slender lobes isoform X1 [Drosophila mire
>gi|1037043696|ref|XP_017140736.1| PREDICTED: protein slender lobes isoform X2 [Drosophila mire
>gi|1037102537|ref|XP_017144987.1| PREDICTED: putative leucine-rich repeat-containing protein
>gi|1037076280|ref|XP_017142947.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037024689|ref|XP_017139565.1| PREDICTED: uncharacterized protein LOC108153981 [Drosophila
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>gi|1037024711|ref|XP_017139566.1| PREDICTED: pancreatic triacylglycerol lipase-like [Drosophi
>gi|1037024729|ref|XP_017139568.1| PREDICTED: solute carrier family 22 member 4-like [Drosophi
>gi|1037089554|ref|XP_017143897.1| PREDICTED: DNA-binding protein RFX2 [Drosophila miranda]
>gi|1037086891|ref|XP_017143725.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037024742|ref|XP_017139569.1| PREDICTED: probable G-protein coupled receptor Mth-like 11
>gi|1037089307|ref|XP_017143881.1| PREDICTED: probable G-protein coupled receptor Mth-like 11
>gi|1037089293|ref|XP 017143880.1| PREDICTED: uncharacterized protein LOC108156732 [Drosophila
>gi|1037094252|ref|XP_017144246.1| PREDICTED: cytoplasmic aconitate hydratase isoform X2 [Dros
>gi|1037094239|ref|XP_017144245.1| PREDICTED: cytoplasmic aconitate hydratase isoform X1 [Dros
>gi|1037024756|ref|XP_017139570.1| PREDICTED: exosome complex component RRP46 [Drosophila mirates
>gi|1037097813|ref|XP_017144551.1| PREDICTED: CDK5RAP1-like protein [Drosophila miranda]
>gi|1037102117|ref|XP 017144943.1| PREDICTED: probable cytochrome P450 12e1, mitochondrial iso
>gi|1037102126|ref|XP_017144944.1| PREDICTED: probable cytochrome P450 12e1, mitochondrial iso
>gi|1037046926|ref|XP_017140950.1| PREDICTED: homeobox protein homothorax isoform X2 [Drosophi
>gi|1037046910|ref|XP_017140949.1| PREDICTED: homeobox protein homothorax isoform X1 [Drosophi
>gi|1037046939|ref|XP_017140951.1| PREDICTED: homeobox protein homothorax isoform X3 [Drosophi
>gi|1037046955|ref|XP_017140952.1| PREDICTED: homeobox protein homothorax isoform X4 [Drosophi
>gi|1037094993|ref|XP 017144303.1| PREDICTED: aminoacylase-1B-like [Drosophila miranda]
>gi|1037094979|ref|XP_017144301.1| PREDICTED: aminoacylase-1-like [Drosophila miranda]
>gi|1037095007|ref|XP 017144304.1| PREDICTED: phytanoyl-CoA dioxygenase domain-containing prot
>gi|1037102175|ref|XP_017144949.1| PREDICTED: protein Skeletor, isoforms D/E [Drosophila miran
>gi|1037078086|ref|XP 017143075.1| PREDICTED: probable 28S rRNA (cytosine-C(5))-methyltransfer
>gi|1037078128|ref|XP_017143078.1| PREDICTED: uncharacterized protein LOC108156241 [Drosophila
>gi|1037078114|ref|XP_017143077.1| PREDICTED: protein nanos [Drosophila miranda]
>gi|1037078100|ref|XP_017143076.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1037103154|ref|XP_017145052.1| PREDICTED: uncharacterized protein LOC108157479 [Drosophila
>gi|1037087063|ref|XP_017143738.1| PREDICTED: phosphopantothenate--cysteine ligase [Drosophila
>gi|1037087050|ref|XP_017143737.1| PREDICTED: LOW QUALITY PROTEIN: probable cytochrome P450 12
>gi|1037024793|ref|XP_017139572.1| PREDICTED: LOW QUALITY PROTEIN: protein regulator of cytoki:
>gi|1037092500|ref|XP_017144124.1| PREDICTED: serine-rich adhesin for platelets [Drosophila mi
>gi|1037038317|ref|XP 017140379.1| PREDICTED: uncharacterized protein LOC108154586 [Drosophila
>gi|1037038203|ref|XP_017140371.1| PREDICTED: uncharacterized protein LOC108154580 [Drosophila
>gi|1037083852|ref|XP 017143497.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037105420|ref|XP_017145355.1| PREDICTED: LOW QUALITY PROTEIN: mediator of RNA polymerase
>gi|1037103052|ref|XP 017145040.1| PREDICTED: coiled-coil domain-containing protein 124 [Droso
>gi|1037105524|ref|XP_017145371.1| PREDICTED: uncharacterized protein LOC108157711 [Drosophila
>gi|1037070441|ref|XP_017142546.1| PREDICTED: integrator complex subunit 11 [Drosophila mirand
>gi|1037070457|ref|XP_017142547.1| PREDICTED: ATP synthase subunit gamma, mitochondrial [Droso
>gi|1037070470|ref|XP_017142548.1| PREDICTED: ATP synthase subunit gamma, mitochondrial [Droso
>gi|1037070425|ref|XP_017142545.1| PREDICTED: N-terminal kinase-like protein [Drosophila mirane
>gi|1037082692|ref|XP_017143408.1| PREDICTED: transcription factor kayak isoform X1 [Drosophile
>gi|1037082705|ref|XP_017143409.1| PREDICTED: transcription factor kayak isoform X2 [Drosophile
>gi|1037082733|ref|XP_017143411.1| PREDICTED: protein phosphatase PTC7 homolog fig [Drosophila
>gi|1037082719|ref|XP_017143410.1| PREDICTED: transcription factor kayak isoform X3 [Drosophile
>gi|1037089618|ref|XP_017143904.1| PREDICTED: D-beta-hydroxybutyrate dehydrogenase, mitochondr
>gi|1037089604|ref|XP_017143903.1| PREDICTED: uncharacterized protein LOC108156753 [Drosophila
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>gi|1037075168|ref|XP_017142872.1| PREDICTED: fumarylacetoacetate hydrolase domain-containing
>gi|1037075183|ref|XP_017142873.1| PREDICTED: 39S ribosomal protein L35, mitochondrial [Drosop
>gi|1037075108|ref|XP_017142867.1| PREDICTED: MICOS complex subunit Mic60 [Drosophila miranda]
>gi|1037075123|ref|XP_017142869.1| PREDICTED: isocitrate dehydrogenase [NAD] subunit beta, mit
>gi|1037075153|ref|XP 017142871.1| PREDICTED: uncharacterized protein LOC108156093 [Drosophila
>gi|1037075138|ref|XP_017142870.1| PREDICTED: uncharacterized protein LOC108156092 [Drosophila
>gi|1037024809|ref|XP 017139573.1| PREDICTED: uncharacterized protein LOC108153991 [Drosophila
>gi|1037101538|ref|XP_017144882.1| PREDICTED: uncharacterized protein LOC108157367 [Drosophila
>gi|1037101516|ref|XP_017144880.1| PREDICTED: ATP synthase subunit d, mitochondrial [Drosophile
>gi|1037101526|ref|XP_017144881.1| PREDICTED: ATP synthase subunit d, mitochondrial [Drosophile
>gi|1037031435|ref|XP_017139980.1| PREDICTED: 39S ribosomal protein L55, mitochondrial [Drosop
>gi|1037072207|ref|XP 017142665.1| PREDICTED: mushroom body large-type Kenyon cell-specific pro
>gi|1037072223|ref|XP_017142666.1| PREDICTED: mushroom body large-type Kenyon cell-specific pro
>gi|1037072396|ref|XP_017142678.1| PREDICTED: ras-related protein Ral-a-like [Drosophila mirane
>gi|1037072255|ref|XP_017142668.1| PREDICTED: RCC1 domain-containing protein 1 isoform X2 [Drop
>gi|1037072412|ref|XP_017142679.1| PREDICTED: Golgi-associated plant pathogenesis-related prot
>gi|1037072303|ref|XP_017142671.1| PREDICTED: ADP-ribosylation factor-like protein 3 isoform X
>gi|1037072334|ref|XP_017142674.1| PREDICTED: ADP-ribosylation factor-like protein 3 isoform X
>gi|1037072239|ref|XP_017142667.1| PREDICTED: RCC1 domain-containing protein 1 isoform X1 [Dros
>gi|1037072271|ref|XP 017142669.1| PREDICTED: uncharacterized protein LOC108155986 isoform X3
>gi|1037072289|ref|XP_017142670.1| PREDICTED: uncharacterized protein LOC108155986 isoform X3
>gi|1037072319|ref|XP 017142673.1| PREDICTED: ADP-ribosylation factor-like protein 3 isoform X
>gi|1037072380|ref|XP_017142677.1| PREDICTED: ADP-ribosylation factor-like protein 3 isoform X
>gi|1037072350|ref|XP_017142675.1| PREDICTED: ADP-ribosylation factor-like protein 3 isoform X
>gi|1037072366|ref|XP_017142676.1| PREDICTED: ADP-ribosylation factor-like protein 3 isoform X
>gi|1037072426|ref|XP_017142680.1| PREDICTED: uncharacterized protein LOC108155993 [Drosophila
>gi|1037072442|ref|XP_017142681.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037077747|ref|XP_017143048.1| PREDICTED: delta-1-pyrroline-5-carboxylate dehydrogenase, m
>gi|1037077859|ref|XP_017143057.1| PREDICTED: uncharacterized protein C15orf61 homolog [Drosop
>gi|1037077817|ref|XP_017143054.1| PREDICTED: lysosomal acid phosphatase [Drosophila miranda]
>gi|1037077831|ref|XP_017143055.1| PREDICTED: uncharacterized protein LOC108156227 [Drosophila
>gi|1037077789|ref|XP_017143052.1| PREDICTED: fibroblast growth factor receptor-like 1 [Drosop
>gi|1037077845|ref|XP_017143056.1| PREDICTED: protein chibby homolog 1 [Drosophila miranda]
>gi|1037077761|ref|XP_017143049.1| PREDICTED: myosin-2 heavy chain, non muscle isoform X1 [Dros
>gi|1037077775|ref|XP 017143051.1| PREDICTED: myosin-2 heavy chain, non muscle isoform X2 [Dro
>gi|1037077803|ref|XP_017143053.1| PREDICTED: vacuolar-sorting protein SNF8 [Drosophila mirand
>gi|1037092486|ref|XP 017144123.1| PREDICTED: gliolectin [Drosophila miranda]
>gi|1037037119|ref|XP_017140308.1| PREDICTED: putative gustatory receptor 93c [Drosophila mirated
>gi|1037037133|ref|XP_017140309.1| PREDICTED: putative gustatory receptor 93c [Drosophila mirated
>gi|1037039414|ref|XP_017140446.1| PREDICTED: LOW QUALITY PROTEIN: putative gustatory receptor
>gi|1037103599|ref|XP_017145102.1| PREDICTED: gustatory receptor for bitter taste 93a [Drosoph
>gi|1037073283|ref|XP_017142742.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073297|ref|XP_017142743.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073313|ref|XP_017142744.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073363|ref|XP_017142747.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073379|ref|XP_017142748.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073329|ref|XP_017142745.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073347|ref|XP_017142746.1| PREDICTED: peripheral plasma membrane protein CASK isoform
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>gi|1037073392|ref|XP_017142749.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073433|ref|XP_017142752.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073449|ref|XP_017142753.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073406|ref|XP_017142750.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073420|ref|XP 017142751.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037073465|ref|XP_017142755.1| PREDICTED: peripheral plasma membrane protein CASK isoform
>gi|1037061009|ref|XP 017141913.1| PREDICTED: torso-like protein [Drosophila miranda]
>gi|1037061024|ref|XP_017141914.1| PREDICTED: torso-like protein [Drosophila miranda]
>gi|1037060994|ref|XP_017141912.1| PREDICTED: uridine phosphorylase 1-like [Drosophila miranda]
>gi|1037061072|ref|XP_017141917.1| PREDICTED: DNA-directed RNA polymerase I subunit RPA12 [Dros
>gi|1037061088|ref|XP_017141919.1| PREDICTED: cyclin-dependent kinase 20-like [Drosophila mirate
>gi|1037060801|ref|XP_017141898.1| PREDICTED: gamma-aminobutyric acid type B receptor subunit
>gi|1037060817|ref|XP_017141899.1| PREDICTED: gamma-aminobutyric acid type B receptor subunit
>gi|1037060833|ref|XP_017141900.1| PREDICTED: gamma-aminobutyric acid type B receptor subunit
>gi|1037060847|ref|XP_017141901.1| PREDICTED: gamma-aminobutyric acid type B receptor subunit
>gi|1037061106|ref|XP_017141920.1| PREDICTED: cyclin-dependent kinase 20-like [Drosophila mirate
>gi|1037060863|ref|XP_017141903.1| PREDICTED: gamma-aminobutyric acid type B receptor subunit
>gi|1037060881|ref|XP 017141904.1| PREDICTED: gamma-aminobutyric acid type B receptor subunit
>gi|1037061039|ref|XP_017141915.1| PREDICTED: bursicon [Drosophila miranda]
>gi|1037060978|ref|XP 017141911.1| PREDICTED: aminopeptidase N [Drosophila miranda]
>gi|1037060946|ref|XP_017141908.1| PREDICTED: membrane alanyl aminopeptidase [Drosophila miran-
>gi|1037060962|ref|XP 017141909.1| PREDICTED: membrane alanyl aminopeptidase [Drosophila mirane
>gi|1037060895|ref|XP_017141905.1| PREDICTED: aminopeptidase N [Drosophila miranda]
>gi|1037060928|ref|XP_017141907.1| PREDICTED: aminopeptidase N [Drosophila miranda]
>gi|1037060914|ref|XP_017141906.1| PREDICTED: aminopeptidase N [Drosophila miranda]
>gi|1037061056|ref|XP_017141916.1| PREDICTED: uncharacterized protein LOC108155548 [Drosophila
>gi|1037033950|ref|XP_017140127.1| PREDICTED: uncharacterized protein LOC108154375 [Drosophila
>gi|1037105712|ref|XP_017145396.1| PREDICTED: carbonic anhydrase 1-like [Drosophila miranda]
>gi|1037105696|ref|XP_017145394.1| PREDICTED: uncharacterized protein LOC108157731 isoform X1
>gi|1037105704|ref|XP_017145395.1| PREDICTED: muscarinic acetylcholine receptor M4 isoform X2
>gi|1037105492|ref|XP_017145366.1| PREDICTED: fatty-acid amide hydrolase 2-B [Drosophila mirane
>gi|1037097553|ref|XP_017144526.1| PREDICTED: LOW QUALITY PROTEIN: fatty-acid amide hydrolase
>gi|1037104507|ref|XP_017145223.1| PREDICTED: importin-4-like [Drosophila miranda]
>gi|1037104517|ref|XP_017145224.1| PREDICTED: LOW QUALITY PROTEIN: importin-4-like [Drosophila
>gi|1037083573|ref|XP 017143475.1| PREDICTED: actin, indirect flight muscle [Drosophila mirand
>gi|1037083531|ref|XP_017143471.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
>gi|1037083545|ref|XP_017143473.1| PREDICTED: A disintegrin and metalloproteinase with thrombo
>gi|1037083559|ref|XP_017143474.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
>gi|1037098411|ref|XP_017144612.1| PREDICTED: B9 domain-containing protein 1 [Drosophila miran-
>gi|1037098399|ref|XP_017144611.1| PREDICTED: opsin Rh6 [Drosophila miranda]
>gi|1037037765|ref|XP_017140346.1| PREDICTED: uncharacterized protein LOC108154554 [Drosophila
>gi|1037083405|ref|XP_017143461.1| PREDICTED: activating signal cointegrator 1 complex subunit
>gi|1037083419|ref|XP_017143463.1| PREDICTED: probable cytochrome P450 6d4 [Drosophila miranda]
>gi|1037077417|ref|XP_017143023.1| PREDICTED: cardioactive peptide [Drosophila miranda]
>gi|1037077403|ref|XP_017143022.1| PREDICTED: uncharacterized protein LOC108156199 [Drosophila
>gi|1037077433|ref|XP_017143024.1| PREDICTED: uncharacterized protein LOC108156202 [Drosophila
>gi|1037077390|ref|XP_017143021.1| PREDICTED: LOW QUALITY PROTEIN: protein winged eye [Drosoph
>gi|1037082481|ref|XP_017143394.1| PREDICTED: cytoplasmic aconitate hydratase [Drosophila mirates]
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>gi|1037082527|ref|XP_017143395.1| PREDICTED: E3 ubiquitin-protein ligase Rnf220 [Drosophila m
>gi|1037088625|ref|XP_017143827.1| PREDICTED: transmembrane protein 47 isoform X1 [Drosophila i
>gi|1037088636|ref|XP_017143829.1| PREDICTED: transmembrane protein 47 isoform X2 [Drosophila 1
>gi|1037088649|ref|XP_017143830.1| PREDICTED: transmembrane protein 47 isoform X2 [Drosophila i
>gi|1037088611|ref|XP 017143826.1| PREDICTED: mitogen-activated protein kinase kinase kinase 7
>gi|1037075561|ref|XP_017142899.1| PREDICTED: endoribonuclease Dcr-1 [Drosophila miranda]
>gi|1037092934|ref|XP 017144152.1| PREDICTED: uncharacterized protein LOC108156915 [Drosophila
>gi|1037092920|ref|XP_017144151.1| PREDICTED: protein vreteno [Drosophila miranda]
>gi|1037087773|ref|XP_017143761.1| PREDICTED: LOW QUALITY PROTEIN: chromobox protein homolog 3
>gi|1037087759|ref|XP_017143760.1| PREDICTED: mitochondrial GTPase 1 [Drosophila miranda]
>gi|1037087731|ref|XP_017143758.1| PREDICTED: O-glucosyltransferase rumi [Drosophila miranda]
>gi|1037087745|ref|XP_017143759.1| PREDICTED: 0-glucosyltransferase rumi [Drosophila miranda]
>gi|1037058479|ref|XP_017141735.1| PREDICTED: neprilysin-2 [Drosophila miranda]
>gi|1037058495|ref|XP_017141736.1| PREDICTED: membrane metallo-endopeptidase-like 1 [Drosophile
>gi|1037058511|ref|XP_017141737.1| PREDICTED: phosphate-regulating neutral endopeptidase [Dros
>gi|1037058560|ref|XP_017141741.1| PREDICTED: uncharacterized protein LOC108155439 [Drosophila
>gi|1037058544|ref|XP_017141739.1| PREDICTED: flocculation protein FL011-like [Drosophila mirated protein FL011-like [Drosophila mirate
>gi|1037058526|ref|XP_017141738.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 12A [Droso
>gi|1037058463|ref|XP_017141734.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037035305|ref|XP 017140206.1| PREDICTED: uncharacterized protein LOC108154446 [Drosophila
>gi|1037106612|ref|XP_017145520.1| PREDICTED: DNA N6-methyl adenine demethylase isoform X1 [Dr
>gi|1037106620|ref|XP 017145522.1| PREDICTED: DNA N6-methyl adenine demethylase isoform X2 [Dref
>gi|1037024827|ref|XP_017139574.1| PREDICTED: uncharacterized protein LOC108153992 [Drosophila
>gi|1037104525|ref|XP_017145226.1| PREDICTED: lon protease homolog, mitochondrial-like [Drosop.
>gi|1037024844|ref|XP_017139575.1| PREDICTED: ras-related protein Ral-a-like [Drosophila miran-
>gi|1037024860|ref|XP_017139577.1| PREDICTED: uncharacterized protein LOC108153994 [Drosophila
>gi|1037024875|ref|XP_017139578.1| PREDICTED: calcium uptake protein 1 homolog, mitochondrial
>gi|1037097342|ref|XP_017144506.1| PREDICTED: neuronal growth regulator 1 [Drosophila miranda]
>gi|1037097352|ref|XP_017144507.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037104128|ref|XP_017145171.1| PREDICTED: sodium/hydrogen exchanger 9B1 isoform X1 [Drosop
>gi|1037104136|ref|XP_017145172.1| PREDICTED: sodium/hydrogen exchanger 9B1 isoform X2 [Drosop:
>gi|1037104155|ref|XP_017145174.1| PREDICTED: odorant receptor 94a [Drosophila miranda]
>gi|1037104146|ref|XP_017145173.1| PREDICTED: odorant receptor 94b [Drosophila miranda]
>gi|1037029950|ref|XP_017139886.1| PREDICTED: uncharacterized protein LOC108154190 [Drosophila
>gi|1037029968|ref|XP 017139888.1| PREDICTED: uncharacterized protein LOC108154190 [Drosophila
>gi|1037029985|ref|XP_017139889.1| PREDICTED: uncharacterized protein LOC108154190 [Drosophila
>gi|1037030003|ref|XP 017139890.1| PREDICTED: uncharacterized protein LOC108154190 [Drosophila
>gi|1037030019|ref|XP_017139891.1| PREDICTED: uncharacterized protein LOC108154190 [Drosophila
>gi|1037030449|ref|XP_017139918.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037029325|ref|XP_017139849.1| PREDICTED: uncharacterized protein LOC108154185 [Drosophila
>gi|1037030220|ref|XP_017139903.1| PREDICTED: estradiol 17-beta-dehydrogenase 11 [Drosophila m
>gi|1037030429|ref|XP_017139916.1| PREDICTED: uncharacterized protein LOC108154206 [Drosophila
>gi|1037030341|ref|XP_017139910.1| PREDICTED: uncharacterized protein LOC108154202 [Drosophila
>gi|1037030202|ref|XP_017139902.1| PREDICTED: estradiol 17-beta-dehydrogenase 11 [Drosophila m
>gi|1037030035|ref|XP_017139892.1| PREDICTED: uncharacterized protein LOC108154191 isoform X1
>gi|1037030053|ref|XP_017139893.1| PREDICTED: uncharacterized protein LOC108154191 isoform X2
>gi|1037030071|ref|XP_017139894.1| PREDICTED: cellular tumor antigen p53 isoform X3 [Drosophile
>gi|1037030089|ref|XP_017139895.1| PREDICTED: cellular tumor antigen p53 isoform X4 [Drosophile
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>gi|1037030144|ref|XP_017139899.1| PREDICTED: putative gustatory receptor 94a [Drosophila mirat
>gi|1037030166|ref|XP_017139900.1| PREDICTED: cystinosin homolog [Drosophila miranda]
>gi|1037030105|ref|XP 017139896.1| PREDICTED: scaffold protein salvador [Drosophila miranda]
>gi|1037030307|ref|XP_017139908.1| PREDICTED: G-box-binding factor isoform X2 [Drosophila mirated
>gi|1037030289|ref|XP 017139907.1| PREDICTED: nuclear transcription factor Y subunit beta isof
>gi|1037030325|ref|XP_017139909.1| PREDICTED: nuclear transcription factor Y subunit beta isof
>gi|1037030359|ref|XP 017139911.1| PREDICTED: uncharacterized protein LOC108154203 isoform X1
>gi|1037030375|ref|XP_017139912.1| PREDICTED: uncharacterized protein LOC108154203 isoform X2
>gi|1037029313|ref|XP_017139848.1| PREDICTED: Fanconi anemia group D2 protein homolog [Drosoph
>gi|1037029708|ref|XP_017139873.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037029724|ref|XP_017139874.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029690|ref|XP 017139872.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037029742|ref|XP_017139875.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029672|ref|XP 017139871.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037029656|ref|XP_017139870.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037029413|ref|XP 017139854.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029395|ref|XP_017139853.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029642|ref|XP 017139869.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037029624|ref|XP_017139868.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037029588|ref|XP_017139865.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029553|ref|XP_017139863.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029483|ref|XP 017139859.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029568|ref|XP_017139864.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029433|ref|XP_017139855.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029778|ref|XP_017139877.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037029465|ref|XP_017139858.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037029377|ref|XP 017139852.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029760|ref|XP_017139876.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037029450|ref|XP_017139857.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037029535|ref|XP_017139862.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029359|ref|XP 017139851.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029499|ref|XP_017139860.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029517|ref|XP 017139861.1| PREDICTED: heterogeneous nuclear ribonucleoprotein Q isoform
>gi|1037029606|ref|XP_017139866.1| PREDICTED: heterogeneous nuclear ribonucleoprotein R isoform
>gi|1037030127|ref|XP 017139898.1| PREDICTED: putative mitogen-activated protein kinase kinase
>gi|1037029343|ref|XP_017139850.1| PREDICTED: uncharacterized protein LOC108154186 [Drosophila
>gi|1037029796|ref|XP 017139879.1| PREDICTED: uncharacterized protein LOC108154189 isoform X1
>gi|1037029813|ref|XP_017139880.1| PREDICTED: uncharacterized protein LOC108154189 isoform X1
>gi|1037029932|ref|XP_017139885.1| PREDICTED: uncharacterized protein LOC108154189 isoform X6
>gi|1037029896|ref|XP_017139883.1| PREDICTED: uncharacterized protein LOC108154189 isoform X4
>gi|1037029831|ref|XP_017139881.1| PREDICTED: uncharacterized protein LOC108154189 isoform X2
>gi|1037029914|ref|XP 017139884.1| PREDICTED: uncharacterized protein LOC108154189 isoform X5
>gi|1037029849|ref|XP_017139882.1| PREDICTED: uncharacterized protein LOC108154189 isoform X3
>gi|1037030271|ref|XP_017139906.1| PREDICTED: serine protease easter [Drosophila miranda]
>gi|1037030411|ref|XP_017139915.1| PREDICTED: transmembrane protease serine 9-like [Drosophila
>gi|1037030184|ref|XP 017139901.1| PREDICTED: uncharacterized protein LOC108154196 [Drosophila
>gi|1037030253|ref|XP_017139905.1| PREDICTED: cyclin-dependent kinase 2 [Drosophila miranda]
>gi|1037030393|ref|XP 017139914.1| PREDICTED: low-density lipoprotein receptor-related protein
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>gi|1037095714|ref|XP_017144360.1| PREDICTED: uncharacterized protein LOC108157052 [Drosophila
>gi|1037095726|ref|XP_017144361.1| PREDICTED: uncharacterized protein LOC108157052 [Drosophila
>gi|1037095738|ref|XP_017144362.1| PREDICTED: uncharacterized protein LOC108157052 [Drosophila
>gi|1037105650|ref|XP_017145387.1| PREDICTED: venom peptide isomerase heavy chain-like isoform
>gi|1037105656|ref|XP 017145388.1| PREDICTED: uncharacterized protein LOC108157727 isoform X2
>gi|1037024890|ref|XP_017139579.1| PREDICTED: vitellin-degrading protease-like [Drosophila mire
>gi|1037104729|ref|XP 017145254.1| PREDICTED: uncharacterized protein LOC108157627 [Drosophila
>gi|1037033917|ref|XP_017140126.1| PREDICTED: serine protease easter-like [Drosophila miranda]
>gi|1037103866|ref|XP_017145138.1| PREDICTED: octopamine receptor Oamb isoform X1 [Drosophila i
>gi|1037103874|ref|XP_017145139.1| PREDICTED: octopamine receptor Oamb isoform X2 [Drosophila i
>gi|1037032466|ref|XP_017140038.1| PREDICTED: glycine-rich cell wall structural protein 1.0 [Di
>gi|1037105532|ref|XP_017145372.1| PREDICTED: histidine-rich protein PFHRP-II [Drosophila mirat
>gi|1037068227|ref|XP_017142391.1| PREDICTED: endothelin-converting enzyme 1 isoform X2 [Droso
>gi|1037068211|ref|XP_017142390.1| PREDICTED: endothelin-converting enzyme 1 isoform X1 [Droso
>gi|1037068243|ref|XP_017142393.1| PREDICTED: glutamate receptor ionotropic, kainate 2 [Drosop
>gi|1037068256|ref|XP_017142394.1| PREDICTED: glutamate receptor ionotropic, kainate 2 [Drosop
>gi|1037068181|ref|XP_017142388.1| PREDICTED: leucine-rich repeat serine/threonine-protein kin-
>gi|1037068163|ref|XP_017142387.1| PREDICTED: leucine-rich repeat serine/threonine-protein kind
>gi|1037068131|ref|XP_017142385.1| PREDICTED: leucine-rich repeat serine/threonine-protein kin-
>gi|1037068115|ref|XP 017142384.1| PREDICTED: leucine-rich repeat serine/threonine-protein king
>gi|1037068197|ref|XP_017142389.1| PREDICTED: leucine-rich repeat serine/threonine-protein kin-
>gi|1037068147|ref|XP 017142386.1| PREDICTED: leucine-rich repeat serine/threonine-protein king
>gi|1037062218|ref|XP_017141993.1| PREDICTED: phosphatidylinositol 4,5-bisphosphate 3-kinase ca
>gi|1037062236|ref|XP_017141994.1| PREDICTED: phosphatidylinositol 4,5-bisphosphate 3-kinase c
>gi|1037062172|ref|XP_017141990.1| PREDICTED: protein hairless isoform X1 [Drosophila miranda]
>gi|1037062186|ref|XP_017141991.1| PREDICTED: protein hairless isoform X2 [Drosophila miranda]
>gi|1037062204|ref|XP_017141992.1| PREDICTED: protein hairless isoform X2 [Drosophila miranda]
>gi|1037101027|ref|XP_017144842.1| PREDICTED: ras guanine nucleotide exchange factor B isoform
>gi|1037101003|ref|XP_017144840.1| PREDICTED: ras guanine nucleotide exchange factor B isoform
>gi|1037101017|ref|XP_017144841.1| PREDICTED: ras guanine nucleotide exchange factor B isoform
>gi|1037080166|ref|XP_017143216.1| PREDICTED: lipase 3-like [Drosophila miranda]
>gi|1037080152|ref|XP_017143215.1| PREDICTED: lipase 3-like [Drosophila miranda]
>gi|1037080180|ref|XP_017143217.1| PREDICTED: lipase 3-like isoform X1 [Drosophila miranda]
>gi|1037080194|ref|XP_017143218.1| PREDICTED: lipase 3-like isoform X2 [Drosophila miranda]
>gi|1037080138|ref|XP 017143214.1| PREDICTED: lipase 3 [Drosophila miranda]
>gi|1037080124|ref|XP_017143213.1| PREDICTED: translation initiation factor IF-2 [Drosophila m
>gi|1037104818|ref|XP_017145268.1| PREDICTED: xaa-Pro aminopeptidase 2 [Drosophila miranda]
>gi|1037037226|ref|XP_017140313.1| PREDICTED: uncharacterized protein LOC108154525 isoform X1
>gi|1037037262|ref|XP_017140316.1| PREDICTED: uncharacterized protein LOC108154525 isoform X3
>gi|1037037244|ref|XP_017140314.1| PREDICTED: uncharacterized protein LOC108154525 isoform X2
>gi|1037037276|ref|XP_017140317.1| PREDICTED: uncharacterized protein LOC108154525 isoform X4
>gi|1037090141|ref|XP_017143949.1| PREDICTED: glycine N-methyltransferase [Drosophila miranda]
>gi|1037090155|ref|XP_017143950.1| PREDICTED: uncharacterized protein LOC108156786 [Drosophila
>gi|1037090127|ref|XP_017143947.1| PREDICTED: nuclear pore complex protein Nup88 [Drosophila m
>gi|1037024908|ref|XP_017139580.1| PREDICTED: uncharacterized protein LOC108153998 [Drosophila
>gi|1037024936|ref|XP_017139581.1| PREDICTED: uncharacterized protein LOC108153999 [Drosophila
>gi|1037032245|ref|XP_017140024.1| PREDICTED: homeobox protein bagpipe [Drosophila miranda]
>gi|1037024953|ref|XP_017139582.1| PREDICTED: uncharacterized protein LOC108154000, partial [Di
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>gi|1037104533|ref|XP_017145227.1| PREDICTED: muscle-specific homeobox protein tinman [Drosoph
>gi|1037036290|ref|XP_017140260.1| PREDICTED: modifier of mdg4-like isoform X17 [Drosophila mi
>gi|1037036420|ref|XP_017140267.1| PREDICTED: modifier of mdg4-like isoform X24 [Drosophila mi
>gi|1037036404|ref|XP_017140266.1| PREDICTED: modifier of mdg4-like isoform X23 [Drosophila mi
>gi|1037036387|ref|XP_017140265.1| PREDICTED: modifier of mdg4-like isoform X22 [Drosophila mi
>gi|1037036167|ref|XP_017140251.1| PREDICTED: modifier of mdg4-like isoform X10 [Drosophila mi
>gi|1037036200|ref|XP 017140253.1| PREDICTED: modifier of mdg4-like isoform X12 [Drosophila mi
>gi|1037036045|ref|XP_017140244.1| PREDICTED: modifier of mdg4-like isoform X4 [Drosophila mire
>gi|1037036253|ref|XP_017140256.1| PREDICTED: modifier of mdg4-like isoform X15 [Drosophila mi
>gi|1037036317|ref|XP_017140261.1| PREDICTED: modifier of mdg4-like isoform X18 [Drosophila mi
>gi|1037036333|ref|XP_017140262.1| PREDICTED: modifier of mdg4-like isoform X19 [Drosophila mi
>gi|1037036027|ref|XP_017140243.1| PREDICTED: modifier of mdg4-like isoform X3 [Drosophila mire
>gi|1037036131|ref|XP_017140249.1| PREDICTED: modifier of mdg4-like isoform X8 [Drosophila mire
>gi|1037036149|ref|XP_017140250.1| PREDICTED: modifier of mdg4-like isoform X9 [Drosophila mire
>gi|1037036369|ref|XP_017140264.1| PREDICTED: modifier of mdg4-like isoform X21 [Drosophila mi
>gi|1037036216|ref|XP_017140254.1| PREDICTED: modifier of mdg4-like isoform X13 [Drosophila mi
>gi|1037036081|ref|XP_017140246.1| PREDICTED: modifier of mdg4-like isoform X5 [Drosophila mire
>gi|1037036271|ref|XP_017140259.1| PREDICTED: modifier of mdg4-like isoform X16 [Drosophila mi
>gi|1037035993|ref|XP_017140240.1| PREDICTED: modifier of mdg4-like isoform X1 [Drosophila mire
>gi|1037036063|ref|XP 017140245.1| PREDICTED: modifier of mdg4-like isoform X1 [Drosophila mire
>gi|1037036233|ref|XP_017140255.1| PREDICTED: modifier of mdg4-like isoform X14 [Drosophila mi
>gi|1037036113|ref|XP 017140248.1| PREDICTED: modifier of mdg4-like isoform X7 [Drosophila mire
>gi|1037036184|ref|XP_017140252.1| PREDICTED: modifier of mdg4-like isoform X11 [Drosophila mi
>gi|1037036437|ref|XP_017140268.1| PREDICTED: modifier of mdg4-like isoform X25 [Drosophila mi
>gi|1037036351|ref|XP_017140263.1| PREDICTED: modifier of mdg4-like isoform X20 [Drosophila mi
>gi|1037036099|ref|XP_017140247.1| PREDICTED: modifier of mdg4-like isoform X6 [Drosophila mire
>gi|1037036009|ref|XP_017140242.1| PREDICTED: modifier of mdg4-like isoform X2 [Drosophila mire
>gi|1037022540|ref|XP_017139428.1| PREDICTED: TPR-containing protein DDB_G0280363, partial [Drefleten DDB_G0280363]
>gi|1037036538|ref|XP_017140274.1| PREDICTED: uncharacterized protein LOC108154483 [Drosophila
>gi|1037036455|ref|XP_017140269.1| PREDICTED: uncharacterized protein LOC108154481 isoform X1
>gi|1037036473|ref|XP_017140270.1| PREDICTED: uncharacterized protein LOC108154481 isoform X2
>gi|1037036491|ref|XP_017140271.1| PREDICTED: uncharacterized protein LOC108154481 isoform X3
>gi|1037036553|ref|XP 017140275.1| PREDICTED: uncharacterized protein LOC108154484 [Drosophila
>gi|1037036509|ref|XP_017140272.1| PREDICTED: uncharacterized protein LOC108154482 [Drosophila
>gi|1037024971|ref|XP 017139584.1| PREDICTED: uncharacterized protein LOC108154001 [Drosophila
>gi|1037052853|ref|XP_017141354.1| PREDICTED: neuropeptide SIFamide receptor isoform X2 [Droso
>gi|1037052868|ref|XP_017141355.1| PREDICTED: neuropeptide SIFamide receptor isoform X3 [Droso
>gi|1037052840|ref|XP_017141353.1| PREDICTED: neuropeptide SIFamide receptor isoform X1 [Droso
>gi|1037052883|ref|XP_017141356.1| PREDICTED: uncharacterized protein LOC108155193 [Drosophila
>gi|1037097915|ref|XP_017144561.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1037075051|ref|XP_017142863.1| PREDICTED: 3'-5' ssDNA/RNA exonuclease TatD [Drosophila mire
>gi|1037075066|ref|XP_017142864.1| PREDICTED: isopentenyl-diphosphate Delta-isomerase 1 [Droso
>gi|1037075092|ref|XP_017142866.1| PREDICTED: AP-2 complex subunit sigma [Drosophila miranda]
>gi|1037075080|ref|XP_017142865.1| PREDICTED: ras-related protein Rab-1A [Drosophila miranda]
>gi|1037075019|ref|XP_017142861.1| PREDICTED: growth hormone secretagogue receptor type 1 isof
>gi|1037075035|ref|XP 017142862.1| PREDICTED: growth hormone secretagogue receptor type 1 isof
>gi|1037105122|ref|XP_017145312.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1037080567|ref|XP_017143247.1| PREDICTED: mycosubtilin synthase subunit C [Drosophila mirates
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>gi|1037080553|ref|XP_017143245.1| PREDICTED: negative elongation factor A [Drosophila miranda]
>gi|1037031366|ref|XP_017139975.1| PREDICTED: protein FAM173B [Drosophila miranda]
>gi|1037031009|ref|XP_017139953.1| PREDICTED: protein O-GlcNAcase [Drosophila miranda]
>gi|1037031328|ref|XP_017139972.1| PREDICTED: uncharacterized protein LOC108154248 [Drosophila
>gi|1037031348|ref|XP 017139974.1| PREDICTED: uncharacterized protein LOC108154248 [Drosophila
>gi|1037031099|ref|XP_017139958.1| PREDICTED: actin-binding LIM protein 3 isoform X5 [Drosophi
>gi|1037031065|ref|XP 017139956.1| PREDICTED: actin-binding LIM protein 3 isoform X3 [Drosophi
>gi|1037031083|ref|XP_017139957.1| PREDICTED: actin-binding LIM protein 3 isoform X4 [Drosophi
>gi|1037031027|ref|XP_017139954.1| PREDICTED: actin-binding LIM protein 3 isoform X1 [Drosophi
>gi|1037031045|ref|XP_017139955.1| PREDICTED: actin-binding LIM protein 3 isoform X2 [Drosophi
>gi|1037031115|ref|XP_017139959.1| PREDICTED: actin-binding LIM protein 3 isoform X6 [Drosophi
>gi|1037031169|ref|XP_017139962.1| PREDICTED: ubiquitin thioesterase trabid [Drosophila mirand
>gi|1037031185|ref|XP_017139963.1| PREDICTED: ubiquitin thioesterase trabid [Drosophila mirand
>gi|1037031151|ref|XP_017139961.1| PREDICTED: protein dalmatian isoform X2 [Drosophila miranda]
>gi|1037031133|ref|XP_017139960.1| PREDICTED: protein dalmatian isoform X1 [Drosophila miranda
>gi|1037031221|ref|XP_017139966.1| PREDICTED: LOW QUALITY PROTEIN: major heat shock 70 kDa pro
>gi|1037024989|ref|XP_017139585.1| PREDICTED: major heat shock 70 kDa protein Bbb-like [Drosop
>gi|1037031203|ref|XP_017139964.1| PREDICTED: protein VAC14 homolog [Drosophila miranda]
>gi|1037031239|ref|XP_017139967.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC3 [Dr
>gi|1037031293|ref|XP 017139970.1| PREDICTED: F-box only protein 9 [Drosophila miranda]
>gi|1037031255|ref|XP_017139968.1| PREDICTED: programmed cell death protein 2-like isoform X1
>gi|1037031273|ref|XP_017139969.1| PREDICTED: programmed cell death protein 2-like isoform X2
>gi|1037031382|ref|XP_017139976.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop
>gi|1037031310|ref|XP_017139971.1| PREDICTED: UNC93-like protein MFSD11 [Drosophila miranda]
>gi|1037062906|ref|XP_017142042.1| PREDICTED: acyl-CoA Delta(11) desaturase [Drosophila mirand
>gi|1037062916|ref|XP_017142043.1| PREDICTED: acyl-CoA Delta(11) desaturase [Drosophila mirand
>gi|1037062892|ref|XP_017142041.1| PREDICTED: uncharacterized protein LOC108155622 [Drosophila
>gi|1037062930|ref|XP_017142044.1| PREDICTED: acyl-CoA Delta(11) desaturase [Drosophila mirand
>gi|1037062944|ref|XP_017142045.1| PREDICTED: acyl-CoA Delta(11) desaturase [Drosophila mirand
>gi|1037062962|ref|XP_017142046.1| PREDICTED: probable enoyl-CoA hydratase echA8 [Drosophila m
>gi|1037062977|ref|XP_017142047.1| PREDICTED: SUMO-activating enzyme subunit 1 [Drosophila mire
>gi|1037062994|ref|XP_017142048.1| PREDICTED: proteasome subunit alpha type-2 [Drosophila mirated
>gi|1037025005|ref|XP 017139586.1| PREDICTED: interleukin enhancer-binding factor 2 homolog, page 2 homolog, page 3 homolog, p
>gi|1037092906|ref|XP_017144150.1| PREDICTED: sialic acid synthase [Drosophila miranda]
>gi|1037091515|ref|XP 017144055.1| PREDICTED: serine/threonine-protein phosphatase alpha-2 iso
>gi|1037091525|ref|XP_017144057.1| PREDICTED: serine/threonine-protein phosphatase alpha-2 iso
>gi|1037091539|ref|XP_017144058.1| PREDICTED: serine/threonine-protein phosphatase alpha-2 iso
>gi|1037091555|ref|XP_017144059.1| PREDICTED: serine/threonine-protein phosphatase alpha-2 iso
>gi|1037091569|ref|XP_017144060.1| PREDICTED: C-Myc-binding protein homolog [Drosophila mirand
>gi|1037043450|ref|XP_017140721.1| PREDICTED: beta-sarcoglycan [Drosophila miranda]
>gi|1037043296|ref|XP_017140710.1| PREDICTED: uncharacterized protein LOC108154820 isoform X2
>gi|1037043280|ref|XP_017140709.1| PREDICTED: uncharacterized protein LOC108154820 isoform X1
>gi|1037043384|ref|XP_017140716.1| PREDICTED: xaa-Pro dipeptidase [Drosophila miranda]
>gi|1037043432|ref|XP_017140720.1| PREDICTED: palmitoyltransferase ZDHHC6 [Drosophila miranda]
>gi|1037043400|ref|XP_017140718.1| PREDICTED: saccharopine dehydrogenase-like oxidoreductase [
>gi|1037043416|ref|XP_017140719.1| PREDICTED: saccharopine dehydrogenase-like oxidoreductase [
>gi|1037043494|ref|XP_017140723.1| PREDICTED: suppressor of lurcher protein 1-like [Drosophila
>gi|1037043314|ref|XP_017140711.1| PREDICTED: DNA ligase 3 isoform X1 [Drosophila miranda]
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>gi|1037043326|ref|XP_017140712.1| PREDICTED: DNA ligase 3 isoform X2 [Drosophila miranda]
>gi|1037043340|ref|XP_017140713.1| PREDICTED: probable cytochrome P450 9f2 [Drosophila miranda]
>gi|1037043354|ref|XP_017140714.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037043369|ref|XP_017140715.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037025023|ref|XP 017139587.1| PREDICTED: uncharacterized protein LOC108154004 [Drosophila
>gi|1037043480|ref|XP_017140722.1| PREDICTED: calmodulin [Drosophila miranda]
>gi|1037099554|ref|XP 017144712.1| PREDICTED: glutathione S-transferase D7 isoform X1 [Drosoph
>gi|1037099566|ref|XP_017144713.1| PREDICTED: glutathione S-transferase D7 isoform X2 [Drosoph
>gi|1037099542|ref|XP_017144711.1| PREDICTED: uncharacterized protein LOC108157248 [Drosophila
>gi|1037104798|ref|XP_017145264.1| PREDICTED: glutathione S-transferase 1-1 [Drosophila mirand
>gi|1037086086|ref|XP_017143663.1| PREDICTED: glutathione S-transferase D4-like [Drosophila mi
>gi|1037086128|ref|XP 017143666.1| PREDICTED: glutathione S-transferase D7-like [Drosophila mi
>gi|1037086100|ref|XP_017143664.1| PREDICTED: glutathione S-transferase 1-1 [Drosophila mirand
>gi|1037086114|ref|XP_017143665.1| PREDICTED: glutathione S-transferase 1-1-like [Drosophila m
>gi|1037104981|ref|XP_017145290.1| PREDICTED: glutathione S-transferase 1-1-like [Drosophila m
>gi|1037025041|ref|XP 017139588.1| PREDICTED: cadherin-89D [Drosophila miranda]
>gi|1037025059|ref|XP_017139589.1| PREDICTED: putative gustatory receptor 89a [Drosophila mirat
>gi|1037105734|ref|XP 017145399.1| PREDICTED: caspase-3 [Drosophila miranda]
>gi|1037080085|ref|XP_017143208.1| PREDICTED: collagen alpha chain CG42342 [Drosophila miranda]
>gi|1037080071|ref|XP 017143207.1| PREDICTED: putative peptidyl-tRNA hydrolase PTRHD1 [Drosoph
>gi|1037104987|ref|XP_017145292.1| PREDICTED: calexcitin-2 [Drosophila miranda]
>gi|1037082364|ref|XP 017143388.1| PREDICTED: transmembrane protease serine 7 [Drosophila mirat
>gi|1037082283|ref|XP_017143381.1| PREDICTED: lysosome membrane protein 2 [Drosophila miranda]
>gi|1037082390|ref|XP_017143390.1| PREDICTED: neuropeptide F isoform X1 [Drosophila miranda]
>gi|1037082400|ref|XP_017143391.1| PREDICTED: neuropeptide F isoform X2 [Drosophila miranda]
>gi|1037082337|ref|XP_017143385.1| PREDICTED: synaptic vesicle glycoprotein 2C isoform X2 [Dros
>gi|1037082324|ref|XP_017143384.1| PREDICTED: 4-hydroxybenzoate transporter PcaK isoform X1 [Di
>gi|1037082376|ref|XP_017143389.1| PREDICTED: ATP synthase mitochondrial F1 complex assembly f
>gi|1037082350|ref|XP_017143386.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037082311|ref|XP_017143383.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037082297|ref|XP_017143382.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037032903|ref|XP_017140066.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037053853|ref|XP 017141420.1| PREDICTED: uncharacterized protein LOC108155242 [Drosophila
>gi|1037053825|ref|XP_017141418.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037053837|ref|XP 017141419.1| PREDICTED: histone-arginine methyltransferase CARMER [Droso
>gi|1037025077|ref|XP_017139590.1| PREDICTED: putative gustatory receptor 85a [Drosophila mirated
>gi|1037025095|ref|XP_017139591.1| PREDICTED: uncharacterized protein LOC108154009 [Drosophila
>gi|1037098997|ref|XP_017144666.1| PREDICTED: tctex1 domain-containing protein 2 [Drosophila m
>gi|1037060462|ref|XP_017141874.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
>gi|1037060416|ref|XP_017141871.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
>gi|1037060382|ref|XP_017141869.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
>gi|1037060366|ref|XP_017141868.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
>gi|1037060478|ref|XP_017141875.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
>gi|1037060398|ref|XP 017141870.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
>gi|1037060320|ref|XP_017141864.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
>gi|1037060335|ref|XP 017141865.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
>gi|1037060351|ref|XP_017141867.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
>gi|1037060446|ref|XP_017141873.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
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>gi|1037060430|ref|XP_017141872.1| PREDICTED: protein-methionine sulfoxide oxidase Mical isofo
>gi|1037060492|ref|XP_017141877.1| PREDICTED: uncharacterized protein LOC108155527 [Drosophila
>gi|1037025113|ref|XP_017139592.1| PREDICTED: uncharacterized protein LOC108154010, partial [Di
>gi|1037089881|ref|XP_017143928.1| PREDICTED: WD repeat-containing protein 61 [Drosophila mirated
>gi|1037089894|ref|XP 017143929.1| PREDICTED: protein NDUFAF4 homolog [Drosophila miranda]
>gi|1037089867|ref|XP_017143926.1| PREDICTED: dimethyladenosine transferase 2, mitochondrial [
>gi|1037089905|ref|XP 017143930.1| PREDICTED: uncharacterized protein LOC108156774 [Drosophila
>gi|1037089156|ref|XP_017143869.1| PREDICTED: protein cereblon homolog [Drosophila miranda]
>gi|1037089168|ref|XP_017143870.1| PREDICTED: uncharacterized protein LOC108156727 [Drosophila
>gi|1037089181|ref|XP_017143872.1| PREDICTED: mite group 2 allergen Lep d 2 [Drosophila mirand
>gi|1037034288|ref|XP_017140149.1| PREDICTED: protein NPC2 homolog [Drosophila miranda]
>gi|1037036679|ref|XP_017140284.1| PREDICTED: uncharacterized protein LOC108154494 [Drosophila
>gi|1037025130|ref|XP_017139593.1| PREDICTED: uncharacterized protein LOC108154011 [Drosophila
>gi|1037025148|ref|XP_017139595.1| PREDICTED: uncharacterized protein LOC108154012 [Drosophila
>gi|1037039682|ref|XP_017140467.1| PREDICTED: uncharacterized protein LOC108154647 [Drosophila
>gi|1037040053|ref|XP_017140492.1| PREDICTED: uncharacterized protein LOC108154666 [Drosophila
>gi|1037025168|ref|XP_017139596.1| PREDICTED: uncharacterized protein LOC108154013 [Drosophila
>gi|1037025186|ref|XP_017139597.1| PREDICTED: uncharacterized protein LOC108154014 [Drosophila
>gi|1037038301|ref|XP_017140378.1| PREDICTED: angiomotin [Drosophila miranda]
>gi|1037098079|ref|XP 017144576.1| PREDICTED: uncharacterized protein LOC108157168 [Drosophila
>gi|1037086793|ref|XP_017143717.1| PREDICTED: fragile X mental retardation syndrome-related pre-
>gi|1037086779|ref|XP 017143716.1| PREDICTED: fragile X mental retardation syndrome-related pre-
>gi|1037086765|ref|XP_017143715.1| PREDICTED: fragile X mental retardation syndrome-related pre-
>gi|1037097541|ref|XP_017144525.1| PREDICTED: putative carbonic anhydrase 3 isoform X2 [Drosop
>gi|1037097530|ref|XP_017144524.1| PREDICTED: putative carbonic anhydrase 3 isoform X1 [Drosop
>gi|1037034255|ref|XP_017140147.1| PREDICTED: carbonic anhydrase 6-like isoform X1 [Drosophila
>gi|1037034273|ref|XP_017140148.1| PREDICTED: carbonic anhydrase 6-like isoform X2 [Drosophila
>gi|1037100233|ref|XP_017144764.1| PREDICTED: SWI/SNF chromatin-remodeling complex subunit SNF
>gi|1037100267|ref|XP_017144767.1| PREDICTED: chymotrypsin-2-like [Drosophila miranda]
>gi|1037100257|ref|XP_017144766.1| PREDICTED: chymotrypsin-2-like [Drosophila miranda]
>gi|1037100245|ref|XP_017144765.1| PREDICTED: chymotrypsin-1 [Drosophila miranda]
>gi|1037100278|ref|XP_017144768.1| PREDICTED: chymotrypsin-2 [Drosophila miranda]
>gi|1037100314|ref|XP 017144772.1| PREDICTED: chymotrypsin-2 [Drosophila miranda]
>gi|1037100290|ref|XP_017144770.1| PREDICTED: chymotrypsin-2 isoform X1 [Drosophila miranda]
>gi|1037100300|ref|XP_017144771.1| PREDICTED: chymotrypsin-1 isoform X2 [Drosophila miranda]
>gi|1037044657|ref|XP_017140798.1| PREDICTED: chymotrypsin-2-like isoform X2 [Drosophila miran-
>gi|1037022557|ref|XP_017139429.1| PREDICTED: chymotrypsin-2, partial [Drosophila miranda]
>gi|1037044715|ref|XP_017140802.1| PREDICTED: chymotrypsin-1 [Drosophila miranda]
>gi|1037044671|ref|XP_017140799.1| PREDICTED: chymotrypsin-1 [Drosophila miranda]
>gi|1037044699|ref|XP_017140801.1| PREDICTED: chymotrypsin-2 isoform X2 [Drosophila miranda]
>gi|1037044683|ref|XP_017140800.1| PREDICTED: chymotrypsin-2 isoform X1 [Drosophila miranda]
>gi|1037044469|ref|XP_017140785.1| PREDICTED: filamin-A isoform X1 [Drosophila miranda]
>gi|1037044536|ref|XP_017140789.1| PREDICTED: filamin-A isoform X5 [Drosophila miranda]
>gi|1037044487|ref|XP_017140786.1| PREDICTED: filamin-A isoform X2 [Drosophila miranda]
>gi|1037044614|ref|XP_017140795.1| PREDICTED: rac GTPase-activating protein 1-like [Drosophila
>gi|1037044628|ref|XP_017140796.1| PREDICTED: chymotrypsin-2-like isoform X1 [Drosophila miran
>gi|1037044641|ref|XP_017140797.1| PREDICTED: chymotrypsin-2-like isoform X1 [Drosophila miran-
>gi|1037044731|ref|XP_017140804.1| PREDICTED: uncharacterized protein LOC108154876 [Drosophila
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>gi|1037044502|ref|XP 017140787.1| PREDICTED: filamin-A isoform X3 [Drosophila miranda]
>gi|1037044520|ref|XP_017140788.1| PREDICTED: filamin-A isoform X4 [Drosophila miranda]
>gi|1037044568|ref|XP_017140792.1| PREDICTED: filamin-A isoform X7 [Drosophila miranda]
>gi|1037044552|ref|XP_017140790.1| PREDICTED: filamin-A isoform X6 [Drosophila miranda]
>gi|1037044584|ref|XP 017140793.1| PREDICTED: filamin-A isoform X8 [Drosophila miranda]
>gi|1037044600|ref|XP_017140794.1| PREDICTED: filamin-A isoform X9 [Drosophila miranda]
>gi|1037025204|ref|XP 017139598.1| PREDICTED: uncharacterized protein LOC108154016 [Drosophila
>gi|1037044747|ref|XP_017140805.1| PREDICTED: LOW QUALITY PROTEIN: serine/threonine-protein ki
>gi|1037025218|ref|XP_017139599.1| PREDICTED: protein maelstrom 2-like [Drosophila miranda]
>gi|1037039358|ref|XP_017140442.1| PREDICTED: uncharacterized protein LOC108154630 [Drosophila
>gi|1037033292|ref|XP_017140089.1| PREDICTED: uncharacterized protein LOC108154339 [Drosophila
>gi|1037033308|ref|XP_017140090.1| PREDICTED: uncharacterized protein LOC108154340 [Drosophila
>gi|1037033326|ref|XP_017140091.1| PREDICTED: uncharacterized protein LOC108154340 [Drosophila
>gi|1037033344|ref|XP_017140092.1| PREDICTED: uncharacterized protein LOC108154340 [Drosophila
>gi|1037037433|ref|XP_017140327.1| PREDICTED: uncharacterized protein LOC108154535 [Drosophila
>gi|1037035234|ref|XP_017140203.1| PREDICTED: uncharacterized protein LOC108154442 [Drosophila
>gi|1037104309|ref|XP_017145196.1| PREDICTED: KAT8 regulatory NSL complex subunit 2-like isoform
>gi|1037104301|ref|XP 017145195.1| PREDICTED: KAT8 regulatory NSL complex subunit 2-like isofo
>gi|1037078699|ref|XP_017143115.1| PREDICTED: protein toll [Drosophila miranda]
>gi|1037070236|ref|XP 017142533.1| PREDICTED: cation-independent mannose-6-phosphate receptor
>gi|1037070220|ref|XP_017142532.1| PREDICTED: cation-independent mannose-6-phosphate receptor
>gi|1037070330|ref|XP 017142539.1| PREDICTED: uncharacterized protein LOC108155906 isoform X1
>gi|1037070345|ref|XP_017142540.1| PREDICTED: uncharacterized protein LOC108155906 isoform X2
>gi|1037070286|ref|XP_017142536.1| PREDICTED: uncharacterized protein DDB_G0271670 [Drosophila
>gi|1037070252|ref|XP_017142534.1| PREDICTED: nucleosomal histone kinase 1 [Drosophila miranda]
>gi|1037070268|ref|XP_017142535.1| PREDICTED: nucleosomal histone kinase 1 [Drosophila miranda]
>gi|1037070314|ref|XP_017142538.1| PREDICTED: uncharacterized protein LOC108155904 isoform X2
>gi|1037070302|ref|XP_017142537.1| PREDICTED: uncharacterized protein LOC108155904 isoform X1
>gi|1037079975|ref|XP_017143202.1| PREDICTED: histone H2A.v [Drosophila miranda]
>gi|1037079961|ref|XP 017143201.1| PREDICTED: SPARC [Drosophila miranda]
>gi|1037079947|ref|XP_017143200.1| PREDICTED: ribonucleoprotein RB97D isoform X2 [Drosophila m
>gi|1037079919|ref|XP_017143197.1| PREDICTED: ribonucleoprotein RB97D isoform X1 [Drosophila m
>gi|1037079933|ref|XP 017143199.1| PREDICTED: ribonucleoprotein RB97D isoform X1 [Drosophila m
>gi|1037074263|ref|XP_017142810.1| PREDICTED: LOW QUALITY PROTEIN: homeobox protein rough [Dros
>gi|1037074275|ref|XP 017142811.1| PREDICTED: oxidoreductase-like domain-containing protein 1
>gi|1037074249|ref|XP_017142809.1| PREDICTED: uncharacterized protein LOC108156048 [Drosophila
>gi|1037074234|ref|XP 017142808.1| PREDICTED: DNA-binding protein Ets97D [Drosophila miranda]
>gi|1037083059|ref|XP_017143432.1| PREDICTED: aminopeptidase N isoform X1 [Drosophila miranda]
>gi|1037083073|ref|XP_017143433.1| PREDICTED: aminopeptidase N isoform X1 [Drosophila miranda]
>gi|1037083087|ref|XP_017143434.1| PREDICTED: aminopeptidase N isoform X1 [Drosophila miranda]
>gi|1037083113|ref|XP_017143436.1| PREDICTED: aminopeptidase N isoform X3 [Drosophila miranda]
>gi|1037083099|ref|XP_017143435.1| PREDICTED: aminopeptidase N isoform X2 [Drosophila miranda]
>gi|1037083127|ref|XP 017143437.1| PREDICTED: aminopeptidase N isoform X4 [Drosophila miranda]
>gi|1037083139|ref|XP_017143438.1| PREDICTED: uncharacterized protein LOC108156476 [Drosophila
>gi|1037083152|ref|XP_017143440.1| PREDICTED: sperm-associated antigen 1 [Drosophila miranda]
>gi|1037083165|ref|XP_017143441.1| PREDICTED: sperm-associated antigen 1 [Drosophila miranda]
>gi|1037083179|ref|XP_017143442.1| PREDICTED: uridine phosphorylase 1 isoform X1 [Drosophila m
>gi|1037083193|ref|XP_017143443.1| PREDICTED: uridine phosphorylase 1 isoform X2 [Drosophila m
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>gi|1037083207|ref|XP_017143444.1| PREDICTED: uridine phosphorylase 1 isoform X2 [Drosophila m
>gi|1037102108|ref|XP_017144942.1| PREDICTED: uridine phosphorylase 1 isoform X2 [Drosophila m
>gi|1037102098|ref|XP_017144941.1| PREDICTED: uridine phosphorylase 1 isoform X1 [Drosophila m
>gi|1037035341|ref|XP_017140208.1| PREDICTED: probable proteasome subunit beta type-2 [Drosoph
>gi|1037095272|ref|XP 017144325.1| PREDICTED: tetraspanin-31-A isoform X1 [Drosophila miranda]
>gi|1037095286|ref|XP_017144326.1| PREDICTED: tetraspanin-13 isoform X2 [Drosophila miranda]
>gi|1037102446|ref|XP 017144978.1| PREDICTED: uncharacterized protein LOC108157435 [Drosophila
>gi|1037036870|ref|XP_017140292.1| PREDICTED: uncharacterized protein LOC108154504 [Drosophila
>gi|1037104247|ref|XP_017145187.1| PREDICTED: uncharacterized protein LOC108157577 [Drosophila
>gi|1037035099|ref|XP_017140197.1| PREDICTED: bromodomain testis-specific protein-like [Drosop
>gi|1037035115|ref|XP_017140198.1| PREDICTED: bromodomain testis-specific protein-like [Drosop
>gi|1037035133|ref|XP_017140199.1| PREDICTED: bromodomain testis-specific protein-like [Drosop
>gi|1037033967|ref|XP_017140129.1| PREDICTED: isochorismatase domain-containing protein 1 [Dros
>gi|1037103125|ref|XP_017145049.1| PREDICTED: methylthioribose-1-phosphate isomerase [Drosophi
>gi|1037103135|ref|XP_017145050.1| PREDICTED: methylthioribose-1-phosphate isomerase [Drosophi
>gi|1037103145|ref|XP_017145051.1| PREDICTED: methylthioribose-1-phosphate isomerase [Drosophi
>gi|1037103113|ref|XP_017145048.1| PREDICTED: lysyl oxidase homolog 2A [Drosophila miranda]
>gi|1037066434|ref|XP_017142271.1| PREDICTED: G protein-coupled receptor kinase 2 [Drosophila |
>gi|1037081037|ref|XP_017143283.1| PREDICTED: polyribonucleotide nucleotidyltransferase 1, mit
>gi|1037081009|ref|XP 017143281.1| PREDICTED: eIF-2-alpha kinase GCN2 [Drosophila miranda]
>gi|1037081023|ref|XP_017143282.1| PREDICTED: eIF-2-alpha kinase GCN2 [Drosophila miranda]
>gi|1037078072|ref|XP 017143074.1| PREDICTED: uncharacterized protein LOC108156237 [Drosophila
>gi|1037078045|ref|XP_017143071.1| PREDICTED: Y+L amino acid transporter 2 [Drosophila miranda]
>gi|1037078058|ref|XP_017143073.1| PREDICTED: putative glycogen synthase kinase-3 homolog [Drop
>gi|1037078002|ref|XP_017143068.1| PREDICTED: band 4.1-like protein 4A isoform X5 [Drosophila i
>gi|1037077989|ref|XP_017143067.1| PREDICTED: hornerin isoform X4 [Drosophila miranda]
>gi|1037077961|ref|XP_017143065.1| PREDICTED: filaggrin isoform X2 [Drosophila miranda]
>gi|1037077947|ref|XP_017143064.1| PREDICTED: filaggrin isoform X1 [Drosophila miranda]
>gi|1037077975|ref|XP_017143066.1| PREDICTED: filaggrin isoform X3 [Drosophila miranda]
>gi|1037078017|ref|XP_017143069.1| PREDICTED: glycine receptor subunit alpha-4 isoform X1 [Drop
>gi|1037078031|ref|XP_017143070.1| PREDICTED: glycine receptor subunit alpha-4 isoform X2 [Dros
>gi|1037025238|ref|XP_017139600.1| PREDICTED: acid-sensing ion channel 5 [Drosophila miranda]
>gi|1037025256|ref|XP_017139601.1| PREDICTED: carbonic anhydrase 14 [Drosophila miranda]
>gi|1037037611|ref|XP_017140337.1| PREDICTED: carbonic anhydrase 2-like [Drosophila miranda]
>gi|1037100209|ref|XP 017144762.1| PREDICTED: uncharacterized protein LOC108157275 [Drosophila
>gi|1037089483|ref|XP_017143894.1| PREDICTED: methionyl-tRNA formyltransferase, mitochondrial
>gi|1037089497|ref|XP_017143895.1| PREDICTED: methionyl-tRNA formyltransferase, mitochondrial
>gi|1037089546|ref|XP_017143896.1| PREDICTED: 39S ribosomal protein L32, mitochondrial [Drosop
>gi|1037089469|ref|XP_017143893.1| PREDICTED: decaprenyl-diphosphate synthase subunit 1 [Droso
>gi|1037040317|ref|XP_017140510.1| PREDICTED: uncharacterized protein LOC108154680 [Drosophila
>gi|1037025274|ref|XP_017139602.1| PREDICTED: uncharacterized protein LOC108154021, partial [D:
>gi|1037106285|ref|XP_017145476.1| PREDICTED: uncharacterized protein LOC108157793 [Drosophila
>gi|1037106293|ref|XP 017145477.1| PREDICTED: uncharacterized protein LOC108157793 [Drosophila
>gi|1037095995|ref|XP_017144382.1| PREDICTED: chymotrypsin-2 [Drosophila miranda]
>gi|1037095973|ref|XP_017144380.1| PREDICTED: serine/threonine-protein kinase ULK3 isoform X1
>gi|1037095983|ref|XP_017144381.1| PREDICTED: serine/threonine-protein kinase ULK3 isoform X2
>gi|1037049890|ref|XP_017141148.1| PREDICTED: AF4/FMR2 family member 4 isoform X2 [Drosophila i
>gi|1037049934|ref|XP_017141150.1| PREDICTED: putative uncharacterized protein DDB_G0293878 is
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>gi|1037049948|ref|XP_017141151.1| PREDICTED: serine-rich adhesin for platelets isoform X5 [Dref|XP_017141151.1| PREDICTED: serine-rich adhesin for platelets isoform X5 [Dref
>gi|1037049876|ref|XP_017141147.1| PREDICTED: AF4/FMR2 family member 4 isoform X1 [Drosophila i
>gi|1037049920|ref|XP_017141149.1| PREDICTED: putative uncharacterized protein DDB_G0293878 is
>gi|1037050006|ref|XP_017141156.1| PREDICTED: S1 RNA-binding domain-containing protein 1 [Dros
>gi|1037050054|ref|XP 017141159.1| PREDICTED: uncharacterized protein LOC108155076 [Drosophila
>gi|1037050022|ref|XP_017141157.1| PREDICTED: ribosome-releasing factor 2, mitochondrial isofo
>gi|1037050038|ref|XP 017141158.1| PREDICTED: ribosome-releasing factor 2, mitochondrial isofo
>gi|1037049962|ref|XP_017141153.1| PREDICTED: uncharacterized protein PFB0145c isoform X1 [Dros
>gi|1037049974|ref|XP_017141154.1| PREDICTED: uncharacterized protein PFB0145c isoform X1 [Dros
>gi|1037049990|ref|XP_017141155.1| PREDICTED: keratin, type I cytoskeletal 9 isoform X2 [Droso
>gi|1037063425|ref|XP_017142076.1| PREDICTED: probable 39S ribosomal protein L45, mitochondria
>gi|1037063454|ref|XP_017142079.1| PREDICTED: U-actitoxin-Avd3s-like [Drosophila miranda]
>gi|1037063438|ref|XP_017142078.1| PREDICTED: kappaPI-actitoxin-Avd3c-like [Drosophila miranda]
>gi|1037063314|ref|XP_017142069.1| PREDICTED: regulator of G-protein signaling loco isoform X1
>gi|1037063380|ref|XP_017142073.1| PREDICTED: regulator of G-protein signaling loco isoform X4
>gi|1037063350|ref|XP_017142071.1| PREDICTED: regulator of G-protein signaling loco isoform X3
>gi|1037063366|ref|XP_017142072.1| PREDICTED: regulator of G-protein signaling loco isoform X3
>gi|1037063395|ref|XP 017142074.1| PREDICTED: regulator of G-protein signaling loco isoform X5
>gi|1037063411|ref|XP_017142075.1| PREDICTED: regulator of G-protein signaling loco isoform X6
>gi|1037063332|ref|XP 017142070.1| PREDICTED: regulator of G-protein signaling loco isoform X2
>gi|1037051401|ref|XP_017141255.1| PREDICTED: LOW QUALITY PROTEIN: aprataxin and PNK-like fact
>gi|1037051417|ref|XP 017141256.1| PREDICTED: translin-associated protein X [Drosophila mirand
>gi|1037051320|ref|XP_017141250.1| PREDICTED: conserved oligomeric Golgi complex subunit 2 [Dr
>gi|1037051365|ref|XP_017141253.1| PREDICTED: 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial
>gi|1037051383|ref|XP_017141254.1| PREDICTED: 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial
>gi|1037051352|ref|XP_017141252.1| PREDICTED: cysteine protease ATG4C [Drosophila miranda]
>gi|1037051336|ref|XP_017141251.1| PREDICTED: transmembrane and TPR repeat-containing protein
>gi|1037051505|ref|XP_017141262.1| PREDICTED: trafficking protein particle complex subunit 6B
>gi|1037051482|ref|XP_017141261.1| PREDICTED: uncharacterized protein LOC108155128 [Drosophila
>gi|1037051464|ref|XP_017141259.1| PREDICTED: zinc finger protein 28 [Drosophila miranda]
>gi|1037051449|ref|XP_017141258.1| PREDICTED: NF-kappa-B-repressing factor isoform X2 [Drosoph
>gi|1037051433|ref|XP_017141257.1| PREDICTED: NF-kappa-B-repressing factor isoform X1 [Drosoph
>gi|1037081571|ref|XP 017143324.1| PREDICTED: uncharacterized protein LOC108156398 [Drosophila
>gi|1037081599|ref|XP_017143326.1| PREDICTED: surfeit locus protein 4 homolog isoform X2 [Dros
>gi|1037081585|ref|XP 017143325.1| PREDICTED: surfeit locus protein 4 homolog isoform X1 [Dros-
>gi|1037081613|ref|XP_017143327.1| PREDICTED: protein BUD31 homolog [Drosophila miranda]
>gi|1037078667|ref|XP 017143113.1| PREDICTED: gastrula zinc finger protein XlCGF46.1 [Drosophi
>gi|1037078653|ref|XP_017143112.1| PREDICTED: 28S ribosomal protein S22, mitochondrial [Drosop
>gi|1037078639|ref|XP_017143111.1| PREDICTED: uncharacterized protein LOC108156259 [Drosophila
>gi|1037078685|ref|XP_017143114.1| PREDICTED: nucleosome assembly protein 1-like 1 [Drosophila
>gi|1037100762|ref|XP_017144815.1| PREDICTED: uncharacterized protein LOC108157317 [Drosophila
>gi|1037025292|ref|XP_017139603.1| PREDICTED: odorant receptor 98a [Drosophila miranda]
>gi|1037100716|ref|XP_017144809.1| PREDICTED: opioid-binding protein/cell adhesion molecule is
>gi|1037100726|ref|XP_017144810.1| PREDICTED: opioid-binding protein/cell adhesion molecule is
>gi|1037100738|ref|XP_017144811.1| PREDICTED: opioid-binding protein/cell adhesion molecule is
>gi|1037100748|ref|XP_017144814.1| PREDICTED: lanC-like protein 3 homolog [Drosophila miranda]
>gi|1037102905|ref|XP_017145023.1| PREDICTED: DNA-binding protein D-ETS-4 [Drosophila miranda]
>gi|1037102547|ref|XP_017144988.1| PREDICTED: eukaryotic translation initiation factor 2 subun
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>gi|1037054571|ref|XP 017141471.1| PREDICTED: RNA exonuclease 1 homolog [Drosophila miranda]
>gi|1037054621|ref|XP_017141474.1| PREDICTED: peroxisomal carnitine O-octanoyltransferase [Drop
>gi|1037054631|ref|XP 017141475.1| PREDICTED: peroxisomal carnitine O-octanoyltransferase [Drop
>gi|1037054647|ref|XP_017141476.1| PREDICTED: peroxisomal carnitine O-octanoyltransferase [Dros
>gi|1037054665|ref|XP 017141477.1| PREDICTED: peroxisomal carnitine O-octanoyltransferase [Dro
>gi|1037054605|ref|XP_017141473.1| PREDICTED: protein CASC3 [Drosophila miranda]
>gi|1037054681|ref|XP 017141478.1| PREDICTED: HSPB1-associated protein 1 [Drosophila miranda]
>gi|1037054589|ref|XP_017141472.1| PREDICTED: programmed cell death 6-interacting protein [Dros
>gi|1037101937|ref|XP_017144925.1| PREDICTED: uncharacterized protein LOC108157396 [Drosophila
>gi|1037088663|ref|XP_017143831.1| PREDICTED: E3 ubiquitin-protein ligase RING1 isoform X1 [Dr
>gi|1037088677|ref|XP_017143832.1| PREDICTED: E3 ubiquitin-protein ligase RING1 isoform X2 [Dreath of the content of the conte
>gi|1037088705|ref|XP 017143834.1| PREDICTED: uncharacterized protein LOC108156698 [Drosophila
>gi|1037088691|ref|XP_017143833.1| PREDICTED: hydroxysteroid dehydrogenase-like protein 2 [Dros
>gi|1037089455|ref|XP_017143892.1| PREDICTED: vacuolar protein sorting-associated protein 72 h
>gi|1037089441|ref|XP_017143891.1| PREDICTED: protein unc-80 homolog isoform X3 [Drosophila mi
>gi|1037089414|ref|XP 017143889.1| PREDICTED: protein unc-80 homolog isoform X1 [Drosophila mi
>gi|1037089427|ref|XP_017143890.1| PREDICTED: protein unc-80 homolog isoform X2 [Drosophila mi
>gi|1037104834|ref|XP_017145270.1| PREDICTED: myosin light chain alkali isoform X2 [Drosophila
>gi|1037104826|ref|XP_017145269.1| PREDICTED: myosin light chain alkali isoform X1 [Drosophila
>gi|1037087503|ref|XP 017143740.1| PREDICTED: microtubule-associated protein 2 isoform X2 [Dro
>gi|1037087526|ref|XP_017143742.1| PREDICTED: microtubule-associated protein 2 isoform X3 [Dros
>gi|1037087567|ref|XP 017143745.1| PREDICTED: microtubule-associated protein 2 isoform X6 [Dro.
>gi|1037087581|ref|XP_017143746.1| PREDICTED: microtubule-associated protein 2 isoform X7 [Dros
>gi|1037087607|ref|XP_017143748.1| PREDICTED: microtubule-associated protein tau isoform X9 [Di
>gi|1037087539|ref|XP_017143743.1| PREDICTED: microtubule-associated protein 2 isoform X4 [Dros
>gi|1037087553|ref|XP_017143744.1| PREDICTED: microtubule-associated protein 2 isoform X5 [Dros
>gi|1037087595|ref|XP_017143747.1| PREDICTED: microtubule-associated protein tau isoform X8 [Di
>gi|1037087489|ref|XP_017143739.1| PREDICTED: extensin isoform X1 [Drosophila miranda]
>gi|1037087620|ref|XP_017143749.1| PREDICTED: ras-related C3 botulinum toxin substrate 1 [Dros
>gi|1037089694|ref|XP_017143912.1| PREDICTED: probable enoyl-CoA hydratase [Drosophila miranda]
>gi|1037089680|ref|XP_017143909.1| PREDICTED: tubby-related protein 4 isoform X4 [Drosophila m
>gi|1037089660|ref|XP_017143907.1| PREDICTED: tubby-related protein 4 isoform X2 [Drosophila m
>gi|1037089672|ref|XP 017143908.1| PREDICTED: tubby-related protein 4 isoform X3 [Drosophila m
>gi|1037089648|ref|XP_017143906.1| PREDICTED: tubby-related protein 4 isoform X1 [Drosophila m
>gi|1037089688|ref|XP 017143910.1| PREDICTED: uncharacterized protein LOC108156759 [Drosophila
>gi|1037084522|ref|XP_017143549.1| PREDICTED: attractin-like protein 1 [Drosophila miranda]
>gi|1037087023|ref|XP_017143735.1| PREDICTED: uncharacterized protein LOC108156644 [Drosophila
>gi|1037087037|ref|XP_017143736.1| PREDICTED: G-protein-signaling modulator 2 [Drosophila mirated
>gi|1037083880|ref|XP_017143499.1| PREDICTED: splicing factor 1 isoform X1 [Drosophila miranda]
>gi|1037083910|ref|XP_017143501.1| PREDICTED: pre-mRNA-splicing factor 38B isoform X3 [Drosoph
>gi|1037083896|ref|XP_017143500.1| PREDICTED: splicing factor 1 isoform X2 [Drosophila miranda]
>gi|1037083924|ref|XP_017143502.1| PREDICTED: peroxiredoxin-2 [Drosophila miranda]
>gi|1037103496|ref|XP_017145089.1| PREDICTED: homeobox protein Hmx [Drosophila miranda]
>gi|1037103504|ref|XP_017145090.1| PREDICTED: uncharacterized protein LOC108157501 [Drosophila
>gi|1037034877|ref|XP_017140184.1| PREDICTED: salivary glue protein Sgs-5 [Drosophila miranda]
>gi|1037036619|ref|XP_017140279.1| PREDICTED: chorion class high-cysteine HCB protein 13 [Dros
>gi|1037025307|ref|XP_017139605.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5-like [Drosoph
>gi|1037105983|ref|XP_017145434.1| PREDICTED: homeobox protein slou [Drosophila miranda]
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>gi|1037076949|ref|XP_017142991.1| PREDICTED: DNA polymerase epsilon catalytic subunit A [Dros
>gi|1037076964|ref|XP_017142992.1| PREDICTED: ATP synthase-coupling factor 6, mitochondrial [Di
>gi|1037091940|ref|XP_017144086.1| PREDICTED: uncharacterized protein LOC108156869 [Drosophila
>gi|1037091926|ref|XP_017144085.1| PREDICTED: protein SEC13 homolog [Drosophila miranda]
>gi|1037025321|ref|XP 017139606.1| PREDICTED: uncharacterized protein LOC108154024 [Drosophila
>gi|1037106766|ref|XP_017145542.1| PREDICTED: uncharacterized protein LOC108157849 [Drosophila
>gi|1037091748|ref|XP_017144073.1| PREDICTED: sodium-independent sulfate anion transporter [Dr
>gi|1037050961|ref|XP_017141226.1| PREDICTED: heterogeneous nuclear ribonucleoprotein A1 isofo
>gi|1037050972|ref|XP_017141227.1| PREDICTED: heterogeneous nuclear ribonucleoprotein A1 isofo
>gi|1037050988|ref|XP_017141228.1| PREDICTED: heterogeneous nuclear ribonucleoprotein A1 isofo
>gi|1037050947|ref|XP_017141225.1| PREDICTED: protein C12orf4 homolog [Drosophila miranda]
>gi|1037050933|ref|XP 017141224.1| PREDICTED: ankyrin repeat domain-containing protein 50 isof
>gi|1037050917|ref|XP_017141223.1| PREDICTED: ankyrin repeat domain-containing protein 50 isof
>gi|1037106508|ref|XP_017145506.1| PREDICTED: uncharacterized protein LOC108157818 [Drosophila
>gi|1037032551|ref|XP_017140044.1| PREDICTED: uncharacterized protein LOC108154301 [Drosophila
>gi|1037025339|ref|XP 017139607.1| PREDICTED: uncharacterized protein LOC108154025 [Drosophila
>gi|1037025357|ref|XP_017139608.1| PREDICTED: uncharacterized protein LOC108154026 [Drosophila
>gi|1037101841|ref|XP_017144914.1| PREDICTED: transcription initiation factor TFIID subunit 5-
>gi|1037101831|ref|XP_017144913.1| PREDICTED: transcription initiation factor TFIID subunit 5-
>gi|1037025375|ref|XP 017139609.1| PREDICTED: uncharacterized protein LOC108154027 [Drosophila
>gi|1037100562|ref|XP_017144794.1| PREDICTED: ABC transporter G family member 23 isoform X1 [Di
>gi|1037100572|ref|XP 017144795.1| PREDICTED: ABC transporter G family member 20 isoform X2 [Di
>gi|1037100584|ref|XP_017144796.1| PREDICTED: ABC transporter G family member 23 isoform X3 [Di
>gi|1037100594|ref|XP_017144797.1| PREDICTED: ABC transporter G family member 20 isoform X4 [Di
>gi|1037071139|ref|XP_017142595.1| PREDICTED: uncharacterized protein LOC108155943 isoform X1
>gi|1037071155|ref|XP_017142596.1| PREDICTED: uncharacterized protein LOC108155943 isoform X2
>gi|1037105374|ref|XP_017145349.1| PREDICTED: allatostatin-A receptor isoform X2 [Drosophila m
>gi|1037105366|ref|XP_017145348.1| PREDICTED: allatostatin-A receptor isoform X1 [Drosophila m
>gi|1037105884|ref|XP_017145420.1| PREDICTED: putative polypeptide N-acetylgalactosaminyltrans
>gi|1037025393|ref|XP_017139610.1| PREDICTED: uncharacterized protein LOC108154028 [Drosophila
>gi|1037025411|ref|XP_017139611.1| PREDICTED: uncharacterized protein LOC108154029 [Drosophila
>gi|1037105787|ref|XP_017145407.1| PREDICTED: trypsin [Drosophila miranda]
>gi|1037106324|ref|XP 017145480.1| PREDICTED: uncharacterized protein LOC108157798 [Drosophila
>gi|1037106316|ref|XP_017145479.1| PREDICTED: uncharacterized protein LOC108157797 [Drosophila
>gi|1037084810|ref|XP 017143572.1| PREDICTED: uncharacterized protein LOC108156558 [Drosophila
>gi|1037084796|ref|XP_017143571.1| PREDICTED: serendipity locus protein H-1 [Drosophila mirand
>gi|1037052202|ref|XP 017141309.1| PREDICTED: pre-mRNA-processing factor 39 [Drosophila mirand
>gi|1037052233|ref|XP_017141311.1| PREDICTED: DDB1- and CUL4-associated factor 10 homolog isof
>gi|1037052217|ref|XP_017141310.1| PREDICTED: DDB1- and CUL4-associated factor 10 homolog isof
>gi|1037052186|ref|XP_017141308.1| PREDICTED: RE1-silencing transcription factor [Drosophila m
>gi|1037052249|ref|XP_017141312.1| PREDICTED: neural Wiskott-Aldrich syndrome protein isoform
>gi|1037052265|ref|XP_017141313.1| PREDICTED: neural Wiskott-Aldrich syndrome protein isoform
>gi|1037052281|ref|XP 017141314.1| PREDICTED: neural Wiskott-Aldrich syndrome protein isoform
>gi|1037030889|ref|XP_017139946.1| PREDICTED: uncharacterized protein CG13380-like [Drosophila
>gi|1037105947|ref|XP_017145429.1| PREDICTED: octopamine receptor beta-1R isoform X1 [Drosophi
>gi|1037105953|ref|XP 017145430.1| PREDICTED: octopamine receptor beta-1R isoform X1 [Drosophi
>gi|1037105961|ref|XP_017145431.1| PREDICTED: octopamine receptor beta-1R isoform X2 [Drosophi
>gi|1037090197|ref|XP_017143954.1| PREDICTED: gibberellin 20 oxidase 1-like [Drosophila mirand
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>gi|1037090211|ref|XP_017143955.1| PREDICTED: gibberellin 20 oxidase 1-like [Drosophila mirand
>gi|1037103824|ref|XP_017145132.1| PREDICTED: UPF0676 protein C1494.01-like [Drosophila mirand
>gi|1037105412|ref|XP_017145354.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037092146|ref|XP_017144102.1| PREDICTED: adiponectin receptor protein isoform X1 [Drosoph
>gi|1037092162|ref|XP 017144103.1| PREDICTED: adiponectin receptor protein isoform X1 [Drosoph
>gi|1037092189|ref|XP_017144104.1| PREDICTED: adiponectin receptor protein isoform X2 [Drosoph
>gi|1037104183|ref|XP_017145178.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037104189|ref|XP_017145179.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037099270|ref|XP_017144684.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037099284|ref|XP_017144685.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037099235|ref|XP_017144681.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037099248|ref|XP_017144682.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037099259|ref|XP_017144683.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037089321|ref|XP_017143882.1| PREDICTED: COP9 signalosome complex subunit 6 [Drosophila m
>gi|1037089334|ref|XP_017143883.1| PREDICTED: diphthine methyl ester synthase [Drosophila mirated]
>gi|1037089347|ref|XP_017143884.1| PREDICTED: uncharacterized protein LOC108156736 [Drosophila
>gi|1037098328|ref|XP_017144604.1| PREDICTED: MKI67 FHA domain-interacting nucleolar phosphopre
>gi|1037098340|ref|XP_017144606.1| PREDICTED: homeobox protein MOX-1 [Drosophila miranda]
>gi|1037078921|ref|XP_017143132.1| PREDICTED: uncharacterized protein LOC108156274 [Drosophila
>gi|1037078935|ref|XP 017143133.1| PREDICTED: uncharacterized protein LOC108156274 [Drosophila
>gi|1037078949|ref|XP_017143134.1| PREDICTED: AN1-type zinc finger protein 6 isoform X1 [Droso
>gi|1037078903|ref|XP 017143131.1| PREDICTED: uncharacterized protein LOC108156273 [Drosophila
>gi|1037078963|ref|XP_017143136.1| PREDICTED: AN1-type zinc finger protein 6 isoform X2 [Droso
>gi|1037096605|ref|XP_017144442.1| PREDICTED: phosphotriesterase-related protein [Drosophila m
>gi|1037067165|ref|XP_017142318.1| PREDICTED: L-threonine ammonia-lyase [Drosophila miranda]
>gi|1037067149|ref|XP_017142317.1| PREDICTED: tyrosine-protein kinase Fer isoform X4 [Drosophi
>gi|1037067135|ref|XP_017142316.1| PREDICTED: tyrosine-protein kinase Fer isoform X3 [Drosophi
>gi|1037067087|ref|XP_017142312.1| PREDICTED: tyrosine-protein kinase Fer isoform X1 [Drosophi
>gi|1037067103|ref|XP_017142313.1| PREDICTED: tyrosine-protein kinase Fer isoform X1 [Drosophi
>gi|1037067119|ref|XP_017142314.1| PREDICTED: tyrosine-protein kinase Fer isoform X2 [Drosophi
>gi|1037067296|ref|XP_017142326.1| PREDICTED: uncharacterized protein LOC108155778 [Drosophila
>gi|1037067201|ref|XP_017142320.1| PREDICTED: odorant receptor 85f isoform X1 [Drosophila mirated
>gi|1037067216|ref|XP 017142321.1| PREDICTED: odorant receptor 85f isoform X1 [Drosophila mirat
>gi|1037067232|ref|XP_017142322.1| PREDICTED: odorant receptor 85f isoform X2 [Drosophila mirated
>gi|1037067312|ref|XP 017142327.1| PREDICTED: UPF0562 protein C7orf55 homolog [Drosophila mirated]
>gi|1037067280|ref|XP_017142325.1| PREDICTED: 60S ribosomal protein L34 [Drosophila miranda]
>gi|1037067246|ref|XP 017142323.1| PREDICTED: omega-amidase NIT2 isoform X1 [Drosophila mirand
>gi|1037067262|ref|XP_017142324.1| PREDICTED: omega-amidase NIT2 isoform X2 [Drosophila mirand
>gi|1037067185|ref|XP_017142319.1| PREDICTED: uncharacterized protein LOC108155773 [Drosophila
>gi|1037067424|ref|XP_017142335.1| PREDICTED: BBSome-interacting protein 1 [Drosophila miranda]
>gi|1037067376|ref|XP_017142332.1| PREDICTED: LMBR1 domain-containing protein 2 homolog [Droso
>gi|1037067392|ref|XP_017142333.1| PREDICTED: tubulin beta-2 chain [Drosophila miranda]
>gi|1037067408|ref|XP_017142334.1| PREDICTED: two pore potassium channel protein sup-9 [Drosop
>gi|1037067360|ref|XP_017142331.1| PREDICTED: LOW QUALITY PROTEIN: alpha-mannosidase 2 [Drosop
>gi|1037073064|ref|XP_017142726.1| PREDICTED: RNA-binding protein Nova-1 isoform X11 [Drosophi
>gi|1037073016|ref|XP_017142723.1| PREDICTED: RNA-binding protein Nova-1 isoform X8 [Drosophile
>gi|1037073048|ref|XP_017142725.1| PREDICTED: RNA-binding protein Nova-1 isoform X10 [Drosophi
>gi|1037072847|ref|XP_017142710.1| PREDICTED: RNA-binding protein Nova-1 isoform X3 [Drosophile
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>gi|1037072863|ref|XP_017142711.1| PREDICTED: RNA-binding protein Nova-1 isoform X3 [Drosophile
>gi|1037072879|ref|XP_017142712.1| PREDICTED: RNA-binding protein Nova-1 isoform X3 [Drosophile
>gi|1037072895|ref|XP_017142713.1| PREDICTED: RNA-binding protein Nova-1 isoform X3 [Drosophile
>gi|1037072911|ref|XP_017142715.1| PREDICTED: RNA-binding protein Nova-1 isoform X3 [Drosophile
>gi|1037072927|ref|XP_017142716.1| PREDICTED: RNA-binding protein Nova-1 isoform X3 [Drosophile
>gi|1037072943|ref|XP_017142717.1| PREDICTED: RNA-binding protein Nova-1 isoform X3 [Drosophile
>gi|1037073002|ref|XP_017142722.1| PREDICTED: RNA-binding protein Nova-1 isoform X7 [Drosophile
>gi|1037073032|ref|XP_017142724.1| PREDICTED: RNA-binding protein Nova-1 isoform X9 [Drosophile
>gi|1037072959|ref|XP_017142718.1| PREDICTED: RNA-binding protein Nova-1 isoform X4 [Drosophile
>gi|1037072987|ref|XP_017142721.1| PREDICTED: RNA-binding protein Nova-1 isoform X6 [Drosophile
>gi|1037072973|ref|XP_017142719.1| PREDICTED: RNA-binding protein Nova-1 isoform X5 [Drosophile
>gi|1037072785|ref|XP_017142706.1| PREDICTED: RNA-binding protein Nova-1 isoform X1 [Drosophile
>gi|1037072799|ref|XP_017142707.1| PREDICTED: RNA-binding protein Nova-1 isoform X1 [Drosophile
>gi|1037072815|ref|XP_017142708.1| PREDICTED: RNA-binding protein Nova-1 isoform X1 [Drosophile
>gi|1037072831|ref|XP_017142709.1| PREDICTED: RNA-binding protein Nova-1 isoform X2 [Drosophile
>gi|1037105742|ref|XP_017145400.1| PREDICTED: probable maleylacetoacetate isomerase 1 isoform
>gi|1037105750|ref|XP_017145401.1| PREDICTED: probable maleylacetoacetate isomerase 1 isoform :
>gi|1037104255|ref|XP_017145188.1| PREDICTED: probable maleylacetoacetate isomerase 2 isoform
>gi|1037104265|ref|XP_017145189.1| PREDICTED: probable maleylacetoacetate isomerase 2 isoform :
>gi|1037088036|ref|XP 017143782.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 1 []
>gi|1037099650|ref|XP_017144721.1| PREDICTED: uncharacterized protein LOC108157254 [Drosophila
>gi|1037079830|ref|XP 017143190.1| PREDICTED: zinc finger and SCAN domain-containing protein 1
>gi|1037079818|ref|XP_017143189.1| PREDICTED: arf-GAP with coiled-coil, ANK repeat and PH doma
>gi|1037079808|ref|XP_017143188.1| PREDICTED: arf-GAP with coiled-coil, ANK repeat and PH doma
>gi|1037090239|ref|XP_017143957.1| PREDICTED: serine-rich adhesin for platelets [Drosophila mi
>gi|1037090737|ref|XP_017143997.1| PREDICTED: probable WRKY transcription factor protein 1 iso
>gi|1037090751|ref|XP_017143998.1| PREDICTED: probable WRKY transcription factor protein 1 iso
>gi|1037090792|ref|XP_017144001.1| PREDICTED: aminoacylase-1-like [Drosophila miranda]
>gi|1037090806|ref|XP_017144002.1| PREDICTED: aminoacylase-1-like [Drosophila miranda]
>gi|1037090765|ref|XP_017143999.1| PREDICTED: aminoacylase-1-like [Drosophila miranda]
>gi|1037090778|ref|XP_017144000.1| PREDICTED: aminoacylase-1-like [Drosophila miranda]
>gi|1037025429|ref|XP_017139612.1| PREDICTED: vacuole membrane protein 1-like [Drosophila mirate
>gi|1037096147|ref|XP 017144398.1| PREDICTED: uncharacterized protein LOC108157074 [Drosophila
>gi|1037096158|ref|XP_017144399.1| PREDICTED: ubiquitin-like domain-containing CTD phosphatase
>gi|1037084201|ref|XP 017143524.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 13
>gi|1037084214|ref|XP_017143525.1| PREDICTED: glutathione-specific gamma-glutamylcyclotransfer
>gi|1037084227|ref|XP_017143526.1| PREDICTED: glutathione-specific gamma-glutamylcyclotransfer
>gi|1037084239|ref|XP_017143527.1| PREDICTED: glutathione-specific gamma-glutamylcyclotransfer
>gi|1037083994|ref|XP_017143508.1| PREDICTED: myogenic-determination protein [Drosophila miran-
>gi|1037084006|ref|XP_017143509.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1037084020|ref|XP_017143510.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1037083952|ref|XP_017143504.1| PREDICTED: glucosylceramidase isoform X1 [Drosophila mirand
>gi|1037083966|ref|XP_017143505.1| PREDICTED: glucosylceramidase isoform X2 [Drosophila mirand
>gi|1037083980|ref|XP_017143506.1| PREDICTED: glucosylceramidase [Drosophila miranda]
>gi|1037084060|ref|XP_017143513.1| PREDICTED: outer dense fiber protein 3-B [Drosophila mirand
>gi|1037083938|ref|XP_017143503.1| PREDICTED: synaptic vesicular amine transporter [Drosophila
>gi|1037084048|ref|XP_017143512.1| PREDICTED: histone chaperone asf1-like [Drosophila miranda]
>gi|1037084034|ref|XP_017143511.1| PREDICTED: outer dense fiber protein 3-B [Drosophila mirand
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>gi|1037101619|ref|XP_017144891.1| PREDICTED: uncharacterized protein LOC108157374 [Drosophila
>gi|1037063180|ref|XP_017142059.1| PREDICTED: (E3-independent) E2 ubiquitin-conjugating enzyme
>gi|1037063225|ref|XP_017142062.1| PREDICTED: serine protease easter-like isoform X2 [Drosophi
>gi|1037063210|ref|XP_017142061.1| PREDICTED: serine protease easter-like isoform X1 [Drosophi
>gi|1037063239|ref|XP_017142064.1| PREDICTED: serine protease easter-like [Drosophila miranda]
>gi|1037063194|ref|XP_017142060.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037098164|ref|XP 017144586.1| PREDICTED: GILT-like protein F37H8.5 [Drosophila miranda]
>gi|1037098154|ref|XP_017144585.1| PREDICTED: gamma-interferon-inducible lysosomal thiol reduc
>gi|1037025449|ref|XP_017139613.1| PREDICTED: G2/mitotic-specific cyclin-B-like [Drosophila mi
>gi|1037088444|ref|XP_017143813.1| PREDICTED: extracellular serine/threonine protein CG31145 is
>gi|1037088458|ref|XP_017143814.1| PREDICTED: extracellular serine/threonine protein CG31145 is
>gi|1037104863|ref|XP_017145275.1| PREDICTED: probable low-specificity L-threonine aldolase 2
>gi|1037105140|ref|XP_017145314.1| PREDICTED: nose resistant to fluoxetine protein 6-like isof
>gi|1037105148|ref|XP_017145315.1| PREDICTED: nose resistant to fluoxetine protein 6-like isof
>gi|1037105130|ref|XP_017145313.1| PREDICTED: nose resistant to fluoxetine protein 6-like [Drop
>gi|1037037362|ref|XP_017140322.1| PREDICTED: LOW QUALITY PROTEIN: nose resistant to fluoxeting
>gi|1037106007|ref|XP_017145437.1| PREDICTED: uncharacterized protein LOC108157766 [Drosophila
>gi|1037106410|ref|XP_017145492.1| PREDICTED: uncharacterized protein LOC108157808 [Drosophila
>gi|1037106417|ref|XP_017145493.1| PREDICTED: uncharacterized protein LOC108157808 [Drosophila
>gi|1037025465|ref|XP 017139614.1| PREDICTED: uncharacterized protein LOC108154033 [Drosophila
>gi|1037106664|ref|XP_017145528.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1037098800|ref|XP 017144649.1| PREDICTED: esterase B1 isoform X1 [Drosophila miranda]
>gi|1037098811|ref|XP_017144650.1| PREDICTED: esterase B1 isoform X2 [Drosophila miranda]
>gi|1037098823|ref|XP_017144651.1| PREDICTED: esterase B1 isoform X2 [Drosophila miranda]
>gi|1037098833|ref|XP_017144652.1| PREDICTED: esterase B1 isoform X3 [Drosophila miranda]
>gi|1037025481|ref|XP_017139616.1| PREDICTED: serine/threonine-protein kinase zyg-8 [Drosophile
>gi|1037098846|ref|XP_017144653.1| PREDICTED: LOW QUALITY PROTEIN: G protein-activated inward:
>gi|1037036887|ref|XP_017140294.1| PREDICTED: uncharacterized RING finger protein T02C1.1 [Dros
>gi|1037040331|ref|XP_017140511.1| PREDICTED: uncharacterized protein LOC108154681 [Drosophila
>gi|1037025498|ref|XP 017139617.1| PREDICTED: uncharacterized protein LOC108154035 [Drosophila
>gi|1037025511|ref|XP_017139618.1| PREDICTED: chymotrypsin-1-like [Drosophila miranda]
>gi|1037099892|ref|XP_017144743.1| PREDICTED: putative uncharacterized protein DDB_G0277255 [Di
>gi|1037025527|ref|XP 017139619.1| PREDICTED: uncharacterized protein LOC108154037 [Drosophila
>gi|1037106243|ref|XP_017145470.1| PREDICTED: uncharacterized protein LOC108157789 [Drosophila
>gi|1037106251|ref|XP 017145471.1| PREDICTED: uncharacterized protein LOC108157791 [Drosophila
>gi|1037025544|ref|XP 017139620.1| PREDICTED: U-actitoxin-Avd3f [Drosophila miranda]
>gi|1037103094|ref|XP_017145046.1| PREDICTED: ankyrin repeat and SAM domain-containing protein
>gi|1037103104|ref|XP_017145047.1| PREDICTED: ankyrin repeat and SAM domain-containing protein
>gi|1037037540|ref|XP_017140334.1| PREDICTED: ATP-binding cassette sub-family A member 17-like
>gi|1037025562|ref|XP_017139621.1| PREDICTED: ABC transporter ced-7-like [Drosophila miranda]
>gi|1037095200|ref|XP_017144320.1| PREDICTED: LOW QUALITY PROTEIN: G2/mitotic-specific cyclin-
>gi|1037038187|ref|XP_017140370.1| PREDICTED: kunitz-type serine protease inhibitor 2-like [Dref|XP_017140370.1]
>gi|1037105636|ref|XP_017145385.1| PREDICTED: uncharacterized protein LOC108157726 isoform X1
>gi|1037105642|ref|XP_017145386.1| PREDICTED: uncharacterized protein LOC108157726 isoform X2
>gi|1037025579|ref|XP_017139623.1| PREDICTED: LOW QUALITY PROTEIN: ATP-binding cassette sub-family
>gi|1037101057|ref|XP_017144845.1| PREDICTED: fatty-acid amide hydrolase 2 [Drosophila miranda]
>gi|1037084564|ref|XP_017143553.1| PREDICTED: transcription factor A, mitochondrial isoform X2
>gi|1037084550|ref|XP_017143552.1| PREDICTED: transcription factor A, mitochondrial isoform X1
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>gi|1037084536|ref|XP 017143550.1| PREDICTED: esterase GA18864 [Drosophila miranda]
>gi|1037084578|ref|XP_017143554.1| PREDICTED: transcription elongation factor B polypeptide 2
>gi|1037101365|ref|XP 017144871.1| PREDICTED: signal recognition particle 14 kDa protein [Dros
>gi|1037101331|ref|XP_017144870.1| PREDICTED: uncharacterized protein LOC108157358 [Drosophila
>gi|1037092588|ref|XP 017144131.1| PREDICTED: uncharacterized protein LOC108156900 [Drosophila
>gi|1037092601|ref|XP_017144132.1| PREDICTED: uncharacterized protein LOC108156900 [Drosophila
>gi|1037096709|ref|XP_017144448.1| PREDICTED: septin-2 [Drosophila miranda]
>gi|1037044352|ref|XP_017140776.1| PREDICTED: signal recognition particle subunit SRP72 [Droso
>gi|1037044396|ref|XP_017140779.1| PREDICTED: tRNA pseudouridine synthase A, mitochondrial iso
>gi|1037044408|ref|XP_017140780.1| PREDICTED: tRNA pseudouridine synthase A, mitochondrial iso
>gi|1037044423|ref|XP_017140782.1| PREDICTED: tRNA pseudouridine synthase A, mitochondrial iso
>gi|1037044239|ref|XP 017140769.1| PREDICTED: transcription intermediary factor 1-alpha isoform
>gi|1037044255|ref|XP_017140770.1| PREDICTED: transcription intermediary factor 1-alpha isoform
>gi|1037044286|ref|XP_017140772.1| PREDICTED: transcription intermediary factor 1-alpha isoform
>gi|1037044302|ref|XP_017140773.1| PREDICTED: transcription intermediary factor 1-alpha isoform
>gi|1037044271|ref|XP_017140771.1| PREDICTED: transcription intermediary factor 1-alpha isoform
>gi|1037044318|ref|XP_017140774.1| PREDICTED: transcription intermediary factor 1-alpha isoform
>gi|1037044336|ref|XP_017140775.1| PREDICTED: meckelin [Drosophila miranda]
>gi|1037044437|ref|XP_017140783.1| PREDICTED: lipase 3-like [Drosophila miranda]
>gi|1037044366|ref|XP 017140777.1| PREDICTED: CCR4-NOT transcription complex subunit 10 [Droso
>gi|1037044453|ref|XP_017140784.1| PREDICTED: sorting nexin-12 [Drosophila miranda]
>gi|1037044380|ref|XP_017140778.1| PREDICTED: V-type proton ATPase subunit B [Drosophila miran-
>gi|1037102915|ref|XP_017145025.1| PREDICTED: octopamine receptor beta-2R isoform X1 [Drosophi
>gi|1037102925|ref|XP_017145026.1| PREDICTED: octopamine receptor beta-2R isoform X2 [Drosophi
>gi|1037086201|ref|XP_017143672.1| PREDICTED: protein hugin [Drosophila miranda]
>gi|1037086142|ref|XP_017143667.1| PREDICTED: octopamine receptor beta-3R-like [Drosophila mire
>gi|1037086170|ref|XP_017143670.1| PREDICTED: uncharacterized protein LOC108156624 isoform X1
>gi|1037086183|ref|XP_017143671.1| PREDICTED: uncharacterized protein LOC108156624 isoform X2
>gi|1037086156|ref|XP_017143668.1| PREDICTED: glutamyl-tRNA(Gln) amidotransferase subunit A, m
>gi|1037086215|ref|XP_017143673.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1037025596|ref|XP_017139624.1| PREDICTED: pyrroline-5-carboxylate reductase 1, mitochondria
>gi|1037025610|ref|XP_017139625.1| PREDICTED: pre-mRNA-splicing factor 18 [Drosophila miranda]
>gi|1037076980|ref|XP 017142993.1| PREDICTED: WD repeat-containing protein 24 [Drosophila mirat
>gi|1037077045|ref|XP_017142998.1| PREDICTED: probable glucosamine 6-phosphate N-acetyltransfer
>gi|1037077027|ref|XP 017142997.1| PREDICTED: probable glucosamine 6-phosphate N-acetyltransfe
>gi|1037077012|ref|XP_017142995.1| PREDICTED: complex I intermediate-associated protein 30, mi
>gi|1037076996|ref|XP_017142994.1| PREDICTED: dehydrogenase/reductase SDR family protein 7-lik
>gi|1037075340|ref|XP_017142884.1| PREDICTED: uncharacterized protein LOC108156102 [Drosophila
>gi|1037075358|ref|XP_017142885.1| PREDICTED: uncharacterized protein LOC108156102 [Drosophila
>gi|1037075467|ref|XP_017142893.1| PREDICTED: uncharacterized protein LOC108156108 [Drosophila
>gi|1037075404|ref|XP_017142888.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1037075421|ref|XP_017142889.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1037075437|ref|XP_017142890.1| PREDICTED: N-alpha-acetyltransferase 40 [Drosophila miranda]
>gi|1037075452|ref|XP_017142891.1| PREDICTED: pterin-4-alpha-carbinolamine dehydratase [Drosop
>gi|1037075483|ref|XP_017142894.1| PREDICTED: uncharacterized protein LOC108156109 [Drosophila
>gi|1037075372|ref|XP_017142886.1| PREDICTED: proline-rich protein 2 isoform X1 [Drosophila mi
>gi|1037075388|ref|XP_017142887.1| PREDICTED: extensin isoform X2 [Drosophila miranda]
>gi|1037104995|ref|XP_017145293.1| PREDICTED: general odorant-binding protein 99b [Drosophila 1
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>gi|1037105001|ref|XP 017145294.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037104973|ref|XP_017145289.1| PREDICTED: doublesex- and mab-3-related transcription factor
>gi|1037098375|ref|XP_017144609.1| PREDICTED: general odorant-binding protein 99a [Drosophila 1
>gi|1037098351|ref|XP_017144607.1| PREDICTED: head-specific guanylate cyclase [Drosophila mirated]
>gi|1037098363|ref|XP 017144608.1| PREDICTED: lysoplasmalogenase-like protein TMEM86A [Drosoph
>gi|1037074751|ref|XP_017142842.1| PREDICTED: mitotic checkpoint protein BUB3 [Drosophila mirated]
>gi|1037074721|ref|XP_017142839.1| PREDICTED: pickpocket protein 19 isoform X3 [Drosophila mire
>gi|1037074707|ref|XP_017142838.1| PREDICTED: pickpocket protein 19 isoform X2 [Drosophila mire
>gi|1037074691|ref|XP_017142837.1| PREDICTED: pickpocket protein 19 isoform X1 [Drosophila mire
>gi|1037074767|ref|XP_017142843.1| PREDICTED: general odorant-binding protein 99a [Drosophila 1
>gi|1037025625|ref|XP_017139626.1| PREDICTED: pickpocket protein 28, partial [Drosophila mirane
>gi|1037074675|ref|XP 017142836.1| PREDICTED: pickpocket protein 19 [Drosophila miranda]
>gi|1037074733|ref|XP_017142841.1| PREDICTED: pickpocket protein 19 [Drosophila miranda]
>gi|1037025643|ref|XP_017139627.1| PREDICTED: pickpocket protein 19-like [Drosophila miranda]
>gi|1037101124|ref|XP_017144852.1| PREDICTED: LOW QUALITY PROTEIN: dopamine receptor 2 [Drosop
>gi|1037098217|ref|XP_017144593.1| PREDICTED: mitochondrial 2-oxoglutarate/malate carrier prote
>gi|1037080608|ref|XP_017143249.1| PREDICTED: LOW QUALITY PROTEIN: dynein assembly factor with
>gi|1037080594|ref|XP_017143248.1| PREDICTED: protein phosphatase 1B [Drosophila miranda]
>gi|1037099970|ref|XP_017144752.1| PREDICTED: LOW QUALITY PROTEIN: pre-mRNA-splicing factor 18
>gi|1037093612|ref|XP 017144199.1| PREDICTED: protein TsetseEP [Drosophila miranda]
>gi|1037037047|ref|XP_017140303.1| PREDICTED: uncharacterized protein LOC108154514 [Drosophila
>gi|1037035429|ref|XP 017140213.1| PREDICTED: uncharacterized protein LOC108154452 [Drosophila
>gi|1037096731|ref|XP_017144451.1| PREDICTED: muscle segmentation homeobox [Drosophila miranda]
>gi|1037034577|ref|XP_017140168.1| PREDICTED: NADH-quinone oxidoreductase subunit B 2 [Drosoph
>gi|1037034595|ref|XP_017140169.1| PREDICTED: NADH-quinone oxidoreductase subunit B 2 [Drosoph
>gi|1037081277|ref|XP_017143300.1| PREDICTED: protein TRC8 homolog isoform X1 [Drosophila mirates
>gi|1037081293|ref|XP_017143301.1| PREDICTED: protein TRC8 homolog isoform X1 [Drosophila mirates
>gi|1037081305|ref|XP_017143302.1| PREDICTED: protein TRC8 homolog isoform X1 [Drosophila mirated
>gi|1037081319|ref|XP_017143304.1| PREDICTED: protein TRC8 homolog isoform X2 [Drosophila mirates
>gi|1037081332|ref|XP_017143305.1| PREDICTED: protein TRC8 homolog isoform X3 [Drosophila mirated
>gi|1037081345|ref|XP_017143306.1| PREDICTED: protein TRC8 homolog isoform X4 [Drosophila mirated
>gi|1037081389|ref|XP_017143309.1| PREDICTED: F-box/LRR-repeat protein 7 isoform X2 [Drosophile
>gi|1037081403|ref|XP_017143310.1| PREDICTED: F-box/LRR-repeat protein 7 isoform X2 [Drosophile
>gi|1037081359|ref|XP_017143307.1| PREDICTED: uncharacterized F-box/LRR-repeat protein C02F5.7
>gi|1037081373|ref|XP 017143308.1| PREDICTED: uncharacterized F-box/LRR-repeat protein C02F5.7
>gi|1037098237|ref|XP_017144595.1| PREDICTED: uncharacterized protein LOC108157183 [Drosophila
>gi|1037098247|ref|XP_017144596.1| PREDICTED: uncharacterized protein LOC108157183 [Drosophila
>gi|1037098259|ref|XP_017144598.1| PREDICTED: uncharacterized protein LOC108157183 [Drosophila
>gi|1037098269|ref|XP_017144599.1| PREDICTED: uncharacterized protein LOC108157183 [Drosophila
>gi|1037098281|ref|XP_017144600.1| PREDICTED: uncharacterized protein LOC108157183 [Drosophila
>gi|1037067073|ref|XP_017142311.1| PREDICTED: signal peptidase complex subunit 1 [Drosophila m
>gi|1037067053|ref|XP_017142310.1| PREDICTED: DTW domain-containing protein 1 [Drosophila mirated]
>gi|1037067037|ref|XP_017142309.1| PREDICTED: uncharacterized protein C2orf42 homolog [Drosoph
>gi|1037066975|ref|XP_017142304.1| PREDICTED: tyrosine-protein phosphatase 99A isoform X4 [Dros
>gi|1037066945|ref|XP_017142302.1| PREDICTED: tyrosine-protein phosphatase 99A isoform X2 [Drop
>gi|1037066931|ref|XP_017142301.1| PREDICTED: tyrosine-protein phosphatase 99A isoform X1 [Dros
>gi|1037066991|ref|XP_017142305.1| PREDICTED: tyrosine-protein phosphatase 99A isoform X5 [Drop
>gi|1037066961|ref|XP_017142303.1| PREDICTED: tyrosine-protein phosphatase 99A isoform X3 [Dros
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>gi|1037067021|ref|XP_017142308.1| PREDICTED: tyrosine-protein phosphatase 99A isoform X7 [Drop
>gi|1037067005|ref|XP_017142307.1| PREDICTED: tyrosine-protein phosphatase 99A isoform X6 [Drop
>gi|1037025659|ref|XP_017139628.1| PREDICTED: protein Diedel-like [Drosophila miranda]
>gi|1037034778|ref|XP_017140179.1| PREDICTED: protein Diedel-like [Drosophila miranda]
>gi|1037089830|ref|XP 017143923.1| PREDICTED: calnexin [Drosophila miranda]
>gi|1037025677|ref|XP_017139629.1| PREDICTED: uncharacterized protein LOC108154049 [Drosophila
>gi|1037025695|ref|XP 017139630.1| PREDICTED: uncharacterized protein LOC108154050 [Drosophila
>gi|1037025712|ref|XP_017139631.1| PREDICTED: uncharacterized protein LOC108154051 [Drosophila
>gi|1037025728|ref|XP_017139633.1| PREDICTED: uncharacterized protein LOC108154052 [Drosophila
>gi|1037025745|ref|XP_017139634.1| PREDICTED: uncharacterized protein LOC108154053 [Drosophila
>gi|1037091954|ref|XP_017144087.1| PREDICTED: M-phase inducer phosphatase [Drosophila miranda]
>gi|1037025761|ref|XP 017139635.1| PREDICTED: uncharacterized protein LOC108154054 [Drosophila
>gi|1037100326|ref|XP_017144773.1| PREDICTED: aminopeptidase N-like [Drosophila miranda]
>gi|1037054463|ref|XP 017141464.1| PREDICTED: aminopeptidase N-like [Drosophila miranda]
>gi|1037054491|ref|XP_017141465.1| PREDICTED: aminopeptidase N-like [Drosophila miranda]
>gi|1037054445|ref|XP_017141463.1| PREDICTED: uncharacterized protein LOC108155268 isoform X3
>gi|1037054431|ref|XP_017141462.1| PREDICTED: uncharacterized protein LOC108155268 isoform X2
>gi|1037054398|ref|XP 017141460.1| PREDICTED: uncharacterized protein LOC108155268 isoform X1
>gi|1037054415|ref|XP_017141461.1| PREDICTED: uncharacterized protein LOC108155268 isoform X1
>gi|1037054523|ref|XP 017141467.1| PREDICTED: elongation factor 1-gamma [Drosophila miranda]
>gi|1037054555|ref|XP_017141470.1| PREDICTED: CDGSH iron-sulfur domain-containing protein 2 hor
>gi|1037054507|ref|XP 017141466.1| PREDICTED: bromodomain-containing protein 8 [Drosophila mire
>gi|1037054539|ref|XP_017141469.1| PREDICTED: uncharacterized protein LOC108155273 [Drosophila
>gi|1037104921|ref|XP_017145281.1| PREDICTED: cytochrome c1, heme protein, mitochondrial [Dros
>gi|1037090099|ref|XP_017143945.1| PREDICTED: guanosine-3',5'-bis(diphosphate) 3'-pyrophosphoh
>gi|1037090085|ref|XP_017143943.1| PREDICTED: probable phosphoserine aminotransferase [Drosoph
>gi|1037090113|ref|XP_017143946.1| PREDICTED: putative defense protein 3 [Drosophila miranda]
>gi|1037090057|ref|XP_017143941.1| PREDICTED: uncharacterized protein LOC108156780 isoform X2
>gi|1037090071|ref|XP_017143942.1| PREDICTED: uncharacterized protein LOC108156780 isoform X3
>gi|1037090043|ref|XP 017143940.1| PREDICTED: uncharacterized protein LOC108156780 isoform X1
>gi|1037090029|ref|XP_017143939.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1037081832|ref|XP_017143346.1| PREDICTED: multidrug resistance-associated protein 4 [Droso
>gi|1037042660|ref|XP 017140667.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dro
>gi|1037042616|ref|XP_017140665.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dr
>gi|1037042674|ref|XP 017140668.1| PREDICTED: serine-rich adhesin for platelets isoform X3 [Dre
>gi|1037042739|ref|XP_017140672.1| PREDICTED: alkaline phosphatase [Drosophila miranda]
>gi|1037042690|ref|XP 017140669.1| PREDICTED: putative tyrosine-protein kinase Wsck [Drosophile
>gi|1037042755|ref|XP_017140673.1| PREDICTED: atlastin [Drosophila miranda]
>gi|1037042796|ref|XP_017140676.1| PREDICTED: metallothionein-2 [Drosophila miranda]
>gi|1037042600|ref|XP_017140664.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 34 isoform
>gi|1037042584|ref|XP_017140663.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 34 isoform
>gi|1037042569|ref|XP_017140662.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 34 isoform
>gi|1037042705|ref|XP 017140670.1| PREDICTED: set1/Ash2 histone methyltransferase complex subu
>gi|1037042719|ref|XP_017140671.1| PREDICTED: set1/Ash2 histone methyltransferase complex subu
>gi|1037042780|ref|XP_017140675.1| PREDICTED: myb-like protein P [Drosophila miranda]
>gi|1037081969|ref|XP_017143357.1| PREDICTED: CLK4-associating serine/arginine rich protein is
>gi|1037081983|ref|XP_017143358.1| PREDICTED: CLK4-associating serine/arginine rich protein is
>gi|1037082034|ref|XP_017143360.1| PREDICTED: bolA-like protein DDB_G0274169 [Drosophila mirane
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>gi|1037082022|ref|XP_017143359.1| PREDICTED: protoporphyrinogen oxidase [Drosophila miranda]
>gi|1037086698|ref|XP_017143709.1| PREDICTED: calcium-activated potassium channel slowpoke iso:
>gi|1037086299|ref|XP 017143679.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086399|ref|XP_017143686.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086515|ref|XP 017143694.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086557|ref|XP_017143697.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086656|ref|XP 017143706.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086586|ref|XP_017143699.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086271|ref|XP_017143677.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086447|ref|XP_017143689.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086598|ref|XP_017143702.1| PREDICTED: calcium-activated potassium channel slowpoke iso:
>gi|1037086355|ref|XP 017143683.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086503|ref|XP_017143693.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086544|ref|XP 017143696.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086626|ref|XP_017143704.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086460|ref|XP 017143690.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086530|ref|XP_017143695.1| PREDICTED: calcium-activated potassium channel slowpoke iso:
>gi|1037086612|ref|XP 017143703.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086229|ref|XP_017143674.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086285|ref|XP 017143678.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086431|ref|XP_017143688.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086313|ref|XP 017143680.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086489|ref|XP_017143692.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086572|ref|XP 017143698.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086726|ref|XP_017143711.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086712|ref|XP_017143710.1| PREDICTED: calcium-activated potassium channel slowpoke iso:
>gi|1037086738|ref|XP 017143713.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086341|ref|XP_017143682.1| PREDICTED: calcium-activated potassium channel slowpoke iso:
>gi|1037086473|ref|XP_017143691.1| PREDICTED: calcium-activated potassium channel slowpoke iso:
>gi|1037086684|ref|XP_017143708.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086257|ref|XP 017143676.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086327|ref|XP_017143681.1| PREDICTED: calcium-activated potassium channel slowpoke iso:
>gi|1037086670|ref|XP 017143707.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086385|ref|XP_017143685.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086642|ref|XP 017143705.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086243|ref|XP_017143675.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086417|ref|XP 017143687.1| PREDICTED: calcium-activated potassium channel slowpoke iso
>gi|1037086751|ref|XP_017143714.1| PREDICTED: short coiled-coil protein B-like [Drosophila mire
>gi|1037033851|ref|XP_017140122.1| PREDICTED: putative uncharacterized protein DDB_G0271606 [Di
>gi|1037098757|ref|XP_017144644.1| PREDICTED: DNA-directed RNA polymerases I, II, and III subu
>gi|1037098745|ref|XP_017144643.1| PREDICTED: methionine aminopeptidase 1 [Drosophila miranda]
>gi|1037066641|ref|XP_017142281.1| PREDICTED: dorsal-ventral patterning protein tolloid isoform
>gi|1037066655|ref|XP_017142282.1| PREDICTED: dorsal-ventral patterning protein tolloid isoform
>gi|1037066668|ref|XP 017142283.1| PREDICTED: dorsal-ventral patterning protein tolloid isoform
>gi|1037066685|ref|XP_017142284.1| PREDICTED: dorsal-ventral patterning protein tolloid [Droso
>gi|1037071374|ref|XP_017142609.1| PREDICTED: protein abnormal spindle [Drosophila miranda]
>gi|1037071405|ref|XP_017142611.1| PREDICTED: allatostatin-A isoform X2 [Drosophila miranda]
>gi|1037071390|ref|XP_017142610.1| PREDICTED: allatostatin-A isoform X1 [Drosophila miranda]
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>gi|1037103740|ref|XP_017145121.1| PREDICTED: uncharacterized protein LOC108157529 [Drosophila
>gi|1037094566|ref|XP_017144271.1| PREDICTED: uncharacterized protein LOC108156990 [Drosophila
>gi|1037094578|ref|XP_017144272.1| PREDICTED: solute carrier family 25 member 44 [Drosophila m
>gi|1037094592|ref|XP_017144273.1| PREDICTED: solute carrier family 25 member 44 [Drosophila m
>gi|1037094606|ref|XP 017144274.1| PREDICTED: solute carrier family 25 member 44 [Drosophila m
>gi|1037042275|ref|XP_017140642.1| PREDICTED: uncharacterized protein LOC108154770 [Drosophila
>gi|1037025779|ref|XP_017139636.1| PREDICTED: V-type proton ATPase subunit C [Drosophila miran
>gi|1037042308|ref|XP_017140645.1| PREDICTED: uncharacterized protein LOC108154772 [Drosophila
>gi|1037042138|ref|XP_017140634.1| PREDICTED: protein polybromo-1 [Drosophila miranda]
>gi|1037042259|ref|XP_017140641.1| PREDICTED: protein LMBR1L isoform X2 [Drosophila miranda]
>gi|1037042228|ref|XP_017140640.1| PREDICTED: protein LMBR1L isoform X1 [Drosophila miranda]
>gi|1037042324|ref|XP_017140646.1| PREDICTED: tetratricopeptide repeat protein 12 isoform X1 [
>gi|1037042342|ref|XP_017140647.1| PREDICTED: tetratricopeptide repeat protein 12 isoform X2 [
>gi|1037042374|ref|XP_017140649.1| PREDICTED: complex III assembly factor LYRM7 [Drosophila mi
>gi|1037042214|ref|XP_017140639.1| PREDICTED: peptidyl-prolyl cis-trans isomerase-like 4 [Drose
>gi|1037042152|ref|XP_017140635.1| PREDICTED: SAFB-like transcription modulator isoform X1 [Dref|XP_017140635.1]
>gi|1037042168|ref|XP_017140636.1| PREDICTED: SAFB-like transcription modulator isoform X2 [Dref|XP_017140636.1]
>gi|1037042390|ref|XP_017140650.1| PREDICTED: serine/threonine-protein kinase Nek8 [Drosophila
>gi|1037042358|ref|XP_017140648.1| PREDICTED: ras-related protein Rab-8A [Drosophila miranda]
>gi|1037042290|ref|XP 017140644.1| PREDICTED: macrophage erythroblast attacher [Drosophila mir-
>gi|1037042199|ref|XP_017140638.1| PREDICTED: endothelin-converting enzyme 2 [Drosophila miran-
>gi|1037042184|ref|XP_017140637.1| PREDICTED: phosphate-regulating neutral endopeptidase [Dros
>gi|1037088597|ref|XP_017143825.1| PREDICTED: 40S ribosomal protein S3 [Drosophila miranda]
>gi|1037088583|ref|XP_017143824.1| PREDICTED: zinc carboxypeptidase [Drosophila miranda]
>gi|1037106394|ref|XP_017145490.1| PREDICTED: ATP-binding cassette sub-family A member 3-like
>gi|1037106402|ref|XP_017145491.1| PREDICTED: ATP-binding cassette sub-family A member 3-like
>gi|1037073189|ref|XP_017142735.1| PREDICTED: uncharacterized protein LOC108156017 [Drosophila
>gi|1037073205|ref|XP_017142736.1| PREDICTED: uncharacterized protein LOC108156017 [Drosophila
>gi|1037025797|ref|XP_017139637.1| PREDICTED: trypsin alpha-3 [Drosophila miranda]
>gi|1037073080|ref|XP_017142727.1| PREDICTED: uncharacterized protein LOC108156014 [Drosophila
>gi|1037073094|ref|XP_017142728.1| PREDICTED: uncharacterized protein LOC108156015 [Drosophila
>gi|1037073221|ref|XP_017142737.1| PREDICTED: triosephosphate isomerase isoform X1 [Drosophila
>gi|1037073237|ref|XP 017142738.1| PREDICTED: triosephosphate isomerase isoform X2 [Drosophila
>gi|1037073174|ref|XP_017142734.1| PREDICTED: uncharacterized protein LOC108156016 isoform X4
>gi|1037073142|ref|XP 017142732.1| PREDICTED: G-protein coupled receptor moody isoform X2 [Dros
>gi|1037073110|ref|XP_017142730.1| PREDICTED: D(1C) dopamine receptor isoform X1 [Drosophila m
>gi|1037073126|ref|XP_017142731.1| PREDICTED: D(1C) dopamine receptor isoform X1 [Drosophila m
>gi|1037073158|ref|XP_017142733.1| PREDICTED: D(1C) dopamine receptor isoform X3 [Drosophila m
>gi|1037105406|ref|XP_017145353.1| PREDICTED: uncharacterized protein LOC108157694 [Drosophila
>gi|1037105398|ref|XP_017145352.1| PREDICTED: uncharacterized protein LOC108157693 [Drosophila
>gi|1037100626|ref|XP_017144800.1| PREDICTED: uncharacterized protein LOC108157306 isoform X2
>gi|1037100616|ref|XP_017144799.1| PREDICTED: uncharacterized protein LOC108157306 isoform X1
>gi|1037100606|ref|XP_017144798.1| PREDICTED: uncharacterized protein LOC108157305 [Drosophila
>gi|1037102323|ref|XP_017144965.1| PREDICTED: myosin regulatory light chain 2 [Drosophila mirated
>gi|1037089400|ref|XP_017143888.1| PREDICTED: proline synthase co-transcribed bacterial homological synthesis and statement of the synthesis o
>gi|1037089386|ref|XP_017143887.1| PREDICTED: cell cycle checkpoint protein RAD17 [Drosophila 1
>gi|1037025813|ref|XP_017139638.1| PREDICTED: serine/arginine repetitive matrix protein 1 [Dros
>gi|1037103464|ref|XP_017145085.1| PREDICTED: trafficking protein particle complex subunit 1 [
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>gi|1037070129|ref|XP_017142525.1| PREDICTED: acyl-CoA Delta(11) desaturase [Drosophila mirand
>gi|1037070145|ref|XP_017142526.1| PREDICTED: acyl-CoA Delta(11) desaturase [Drosophila mirand
>gi|1037070099|ref|XP_017142523.1| PREDICTED: stearoyl-CoA desaturase 5 [Drosophila miranda]
>gi|1037070115|ref|XP_017142524.1| PREDICTED: stearoyl-CoA desaturase 5 [Drosophila miranda]
>gi|1037070160|ref|XP 017142527.1| PREDICTED: 40S ribosomal protein S7 [Drosophila miranda]
>gi|1037070188|ref|XP_017142529.1| PREDICTED: cecropin-2 [Drosophila miranda]
>gi|1037070174|ref|XP 017142528.1| PREDICTED: cecropin-2 [Drosophila miranda]
>gi|1037070204|ref|XP_017142531.1| PREDICTED: cecropin-A2-like [Drosophila miranda]
>gi|1037032188|ref|XP_017140021.1| PREDICTED: cecropin-C-like [Drosophila miranda]
>gi|1037032171|ref|XP_017140020.1| PREDICTED: cecropin-C-like [Drosophila miranda]
>gi|1037034678|ref|XP_017140175.1| PREDICTED: cecropin-C-like [Drosophila miranda]
>gi|1037101649|ref|XP_017144894.1| PREDICTED: serine protease easter [Drosophila miranda]
>gi|1037101639|ref|XP_017144893.1| PREDICTED: serine protease easter isoform X2 [Drosophila mi
>gi|1037101629|ref|XP_017144892.1| PREDICTED: serine protease easter isoform X1 [Drosophila mi
>gi|1037101671|ref|XP_017144897.1| PREDICTED: uncharacterized protein LOC108157378 [Drosophila
>gi|1037101661|ref|XP_017144896.1| PREDICTED: circumsporozoite protein [Drosophila miranda]
>gi|1037101683|ref|XP_017144898.1| PREDICTED: uncharacterized protein LOC108157379 [Drosophila
>gi|1037079044|ref|XP_017143142.1| PREDICTED: LOW QUALITY PROTEIN: headcase protein [Drosophile
>gi|1037082638|ref|XP_017143404.1| PREDICTED: ferritin subunit isoform X2 [Drosophila miranda]
>gi|1037082624|ref|XP 017143403.1| PREDICTED: ferritin subunit isoform X1 [Drosophila miranda]
>gi|1037082651|ref|XP_017143405.1| PREDICTED: ferritin heavy chain [Drosophila miranda]
>gi|1037099791|ref|XP 017144733.1| PREDICTED: uncharacterized protein LOC108157263 [Drosophila
>gi|1037099746|ref|XP_017144730.1| PREDICTED: thyroid transcription factor 1-associated protein
>gi|1037099767|ref|XP_017144731.1| PREDICTED: thyroid transcription factor 1-associated protein
>gi|1037099779|ref|XP_017144732.1| PREDICTED: thyroid transcription factor 1-associated protein
>gi|1037099696|ref|XP_017144725.1| PREDICTED: 28S ribosomal protein S18c, mitochondrial [Droso
>gi|1037099674|ref|XP_017144723.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037099684|ref|XP_017144724.1| PREDICTED: telomere-binding protein cav-like [Drosophila mi
>gi|1037094444|ref|XP_017144261.1| PREDICTED: RING finger protein 37 [Drosophila miranda]
>gi|1037094458|ref|XP_017144262.1| PREDICTED: RING finger protein 37 [Drosophila miranda]
>gi|1037104316|ref|XP_017145197.1| PREDICTED: sphingomyelin phosphodiesterase [Drosophila mirates]
>gi|1037103937|ref|XP_017145147.1| PREDICTED: sphingomyelin phosphodiesterase [Drosophila mirated]
>gi|1037103945|ref|XP 017145148.1| PREDICTED: corticotropin-releasing factor-binding protein [
>gi|1037025831|ref|XP_017139639.1| PREDICTED: uncharacterized protein LOC108154059 [Drosophila
>gi|1037087842|ref|XP 017143767.1| PREDICTED: calcium-binding mitochondrial carrier protein Ar
>gi|1037087829|ref|XP_017143766.1| PREDICTED: calcium-binding mitochondrial carrier protein Ar
>gi|1037087856|ref|XP 017143768.1| PREDICTED: STAM-binding protein-like A [Drosophila miranda]
>gi|1037101281|ref|XP_017144864.1| PREDICTED: neutral ceramidase [Drosophila miranda]
>gi|1037101291|ref|XP_017144865.1| PREDICTED: neutral ceramidase [Drosophila miranda]
>gi|1037101302|ref|XP_017144866.1| PREDICTED: neutral ceramidase [Drosophila miranda]
>gi|1037069313|ref|XP_017142468.1| PREDICTED: uncharacterized protein LOC108155861 [Drosophila
>gi|1037069329|ref|XP_017142469.1| PREDICTED: uncharacterized protein LOC108155861 [Drosophila
>gi|1037069111|ref|XP 017142453.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 [Drosophila
>gi|1037069095|ref|XP_017142452.1| PREDICTED: putative uncharacterized protein DDB_G0271606 [Di
>gi|1037069205|ref|XP_017142459.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 [Drosophila
>gi|1037069079|ref|XP_017142451.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 [Drosophila
>gi|1037069175|ref|XP_017142457.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 isoform X1
>gi|1037069189|ref|XP_017142458.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 isoform X2
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>gi|1037069219|ref|XP_017142460.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 [Drosophila
>gi|1037069143|ref|XP_017142455.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 [Drosophila
>gi|1037069361|ref|XP_017142471.1| PREDICTED: uncharacterized protein LOC108155863 [Drosophila
>gi|1037069345|ref|XP_017142470.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like [Droso
>gi|1037069159|ref|XP 017142456.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like [Droso
>gi|1037069235|ref|XP_017142461.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like isoform
>gi|1037069267|ref|XP 017142465.1| PREDICTED: uncharacterized protein LOC108155860 isoform X3
>gi|1037069251|ref|XP_017142464.1| PREDICTED: uncharacterized protein LOC108155860 isoform X2
>gi|1037069283|ref|XP_017142466.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like isoform
>gi|1037069299|ref|XP_017142467.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like isoform
>gi|1037069127|ref|XP_017142454.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 [Drosophila
>gi|1037096767|ref|XP_017144454.1| PREDICTED: J domain-containing protein isoform X2 [Drosophi
>gi|1037096755|ref|XP_017144453.1| PREDICTED: J domain-containing protein isoform X1 [Drosophi
>gi|1037096779|ref|XP_017144455.1| PREDICTED: J domain-containing protein isoform X3 [Drosophi
>gi|1037067579|ref|XP_017142346.1| PREDICTED: tropomodulin isoform X7 [Drosophila miranda]
>gi|1037067615|ref|XP_017142348.1| PREDICTED: tropomodulin isoform X9 [Drosophila miranda]
>gi|1037067499|ref|XP_017142341.1| PREDICTED: tropomodulin isoform X2 [Drosophila miranda]
>gi|1037067547|ref|XP_017142344.1| PREDICTED: tropomodulin isoform X5 [Drosophila miranda]
>gi|1037067456|ref|XP_017142337.1| PREDICTED: tropomodulin isoform X1 [Drosophila miranda]
>gi|1037067469|ref|XP 017142338.1| PREDICTED: tropomodulin isoform X1 [Drosophila miranda]
>gi|1037067485|ref|XP_017142340.1| PREDICTED: tropomodulin isoform X1 [Drosophila miranda]
>gi|1037067563|ref|XP 017142345.1| PREDICTED: tropomodulin isoform X6 [Drosophila miranda]
>gi|1037067515|ref|XP_017142342.1| PREDICTED: tropomodulin isoform X3 [Drosophila miranda]
>gi|1037067645|ref|XP_017142350.1| PREDICTED: uncharacterized protein LOC108155791 [Drosophila
>gi|1037067599|ref|XP_017142347.1| PREDICTED: tropomodulin isoform X8 [Drosophila miranda]
>gi|1037067631|ref|XP_017142349.1| PREDICTED: tropomodulin isoform X10 [Drosophila miranda]
>gi|1037067529|ref|XP_017142343.1| PREDICTED: tropomodulin isoform X4 [Drosophila miranda]
>gi|1037067440|ref|XP_017142336.1| PREDICTED: sodium-independent sulfate anion transporter [Dref|XP_017142336.1]
>gi|1037072036|ref|XP_017142653.1| PREDICTED: uncharacterized protein LOC108155975 [Drosophila
>gi|1037071974|ref|XP 017142649.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037071990|ref|XP_017142650.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037072022|ref|XP_017142652.1| PREDICTED: uncharacterized protein LOC108155974 isoform X3
>gi|1037072006|ref|XP_017142651.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1037071957|ref|XP_017142648.1| PREDICTED: WD repeat-containing protein 44 [Drosophila mirated]
>gi|1037084860|ref|XP 017143574.1| PREDICTED: zinc transporter ZIP13 homolog [Drosophila mirane
>gi|1037084874|ref|XP_017143577.1| PREDICTED: zinc transporter ZIP13 homolog [Drosophila miran-
>gi|1037084888|ref|XP_017143578.1| PREDICTED: zinc transporter ZIP13 homolog [Drosophila miran
>gi|1037084902|ref|XP_017143579.1| PREDICTED: zinc transporter ZIP13 homolog [Drosophila miran-
>gi|1037084916|ref|XP_017143580.1| PREDICTED: 40S ribosomal protein S8 [Drosophila miranda]
>gi|1037096096|ref|XP_017144394.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037099031|ref|XP_017144667.1| PREDICTED: tudor domain-containing protein 5-like [Drosophi
>gi|1037073824|ref|XP_017142779.1| PREDICTED: KAT8 regulatory NSL complex subunit 2 [Drosophile
>gi|1037073794|ref|XP_017142777.1| PREDICTED: protocadherin-15 [Drosophila miranda]
>gi|1037073809|ref|XP_017142778.1| PREDICTED: protocadherin-15 [Drosophila miranda]
>gi|1037045604|ref|XP_017140863.1| PREDICTED: protein similar [Drosophila miranda]
>gi|1037045667|ref|XP_017140866.1| PREDICTED: mitochondrial intermembrane space import and asset
>gi|1037045716|ref|XP_017140869.1| PREDICTED: uncharacterized protein LOC108154921 [Drosophila
>gi|1037045685|ref|XP_017140867.1| PREDICTED: uncharacterized protein LOC108154919 [Drosophila
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>gi|1037045701|ref|XP_017140868.1| PREDICTED: uncharacterized protein LOC108154919 [Drosophila
>gi|1037045651|ref|XP_017140865.1| PREDICTED: DNA repair protein Rad51 homolog [Drosophila mire
>gi|1037045620|ref|XP_017140864.1| PREDICTED: PC4 and SFRS1-interacting protein [Drosophila mi
>gi|1037081939|ref|XP_017143354.1| PREDICTED: dual specificity protein phosphatase 18 [Drosoph
>gi|1037081928|ref|XP 017143353.1| PREDICTED: solute carrier family 25 member 51 [Drosophila m
>gi|1037081955|ref|XP_017143355.1| PREDICTED: 60S ribosomal protein L32 [Drosophila miranda]
>gi|1037081913|ref|XP 017143352.1| PREDICTED: serendipity locus protein delta [Drosophila mirat
>gi|1037080846|ref|XP_017143268.1| PREDICTED: serendipity locus protein alpha [Drosophila mirated]
>gi|1037080860|ref|XP_017143269.1| PREDICTED: serendipity locus protein beta [Drosophila miran-
>gi|1037080872|ref|XP_017143270.1| PREDICTED: sex-regulated protein janus-A [Drosophila mirand
>gi|1037080886|ref|XP_017143271.1| PREDICTED: sex-regulated protein janus-B [Drosophila mirand
>gi|1037097205|ref|XP 017144494.1| PREDICTED: zinc finger protein 771 [Drosophila miranda]
>gi|1037081081|ref|XP_017143286.1| PREDICTED: axin isoform X2 [Drosophila miranda]
>gi|1037081051|ref|XP_017143284.1| PREDICTED: axin isoform X1 [Drosophila miranda]
>gi|1037081067|ref|XP_017143285.1| PREDICTED: axin isoform X1 [Drosophila miranda]
>gi|1037081094|ref|XP_017143287.1| PREDICTED: axin isoform X3 [Drosophila miranda]
>gi|1037057432|ref|XP_017141661.1| PREDICTED: alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylg
>gi|1037057458|ref|XP_017141663.1| PREDICTED: alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylg
>gi|1037057489|ref|XP_017141665.1| PREDICTED: uncharacterized protein LOC108155391 isoform X5
>gi|1037057473|ref|XP 017141664.1| PREDICTED: alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylg
>gi|1037057446|ref|XP_017141662.1| PREDICTED: alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylg
>gi|1037057539|ref|XP 017141668.1| PREDICTED: kinesin-like protein subito [Drosophila miranda]
>gi|1037057555|ref|XP_017141669.1| PREDICTED: 4-hydroxybutyrate coenzyme A transferase [Drosop
>gi|1037057571|ref|XP_017141671.1| PREDICTED: nucleoplasmin-like protein [Drosophila miranda]
>gi|1037057521|ref|XP_017141667.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1037057505|ref|XP_017141666.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1037055199|ref|XP_017141516.1| PREDICTED: nucleoplasmin-like protein [Drosophila miranda]
>gi|1037055060|ref|XP_017141506.1| PREDICTED: ADAM 17-like protease isoform X1 [Drosophila mire
>gi|1037055075|ref|XP_017141507.1| PREDICTED: ADAM 17-like protease isoform X2 [Drosophila mire
>gi|1037055090|ref|XP_017141508.1| PREDICTED: ADAM 17-like protease isoform X3 [Drosophila mire
>gi|1037055154|ref|XP_017141513.1| PREDICTED: uncharacterized protein LOC108155307 isoform X1
>gi|1037055169|ref|XP_017141514.1| PREDICTED: uncharacterized protein LOC108155307 isoform X2
>gi|1037055138|ref|XP 017141512.1| PREDICTED: uncharacterized protein LOC108155306 [Drosophila
>gi|1037055184|ref|XP_017141515.1| PREDICTED: coiled-coil domain-containing protein 12 [Drosop
>gi|1037055107|ref|XP 017141509.1| PREDICTED: spindle assembly abnormal protein 6 homolog [Drop
>gi|1037025849|ref|XP_017139640.1| PREDICTED: glycine-rich RNA-binding protein 3, mitochondria
>gi|1037055122|ref|XP 017141511.1| PREDICTED: prostatic acid phosphatase [Drosophila miranda]
>gi|1037055045|ref|XP_017141505.1| PREDICTED: chaoptin [Drosophila miranda]
>gi|1037103259|ref|XP_017145064.1| PREDICTED: tachykinin-like peptides receptor 99D isoform X1
>gi|1037103289|ref|XP_017145067.1| PREDICTED: tachykinin-like peptides receptor 99D isoform X4
>gi|1037103297|ref|XP_017145068.1| PREDICTED: tachykinin-like peptides receptor 99D isoform X5
>gi|1037103269|ref|XP_017145065.1| PREDICTED: tachykinin-like peptides receptor 99D isoform X2
>gi|1037103279|ref|XP_017145066.1| PREDICTED: tachykinin-like peptides receptor 99D isoform X3
>gi|1037103309|ref|XP_017145069.1| PREDICTED: tachykinin-like peptides receptor 99D isoform X6
>gi|1037047021|ref|XP_017140957.1| PREDICTED: vacuolar protein sorting-associated protein 13B
>gi|1037046969|ref|XP_017140953.1| PREDICTED: vacuolar protein sorting-associated protein 13B
>gi|1037046985|ref|XP_017140955.1| PREDICTED: vacuolar protein sorting-associated protein 13B
>gi|1037047003|ref|XP_017140956.1| PREDICTED: vacuolar protein sorting-associated protein 13B
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>gi|1037047037|ref|XP_017140958.1| PREDICTED: vacuolar protein sorting-associated protein 13B
>gi|1037047055|ref|XP_017140959.1| PREDICTED: translation initiation factor eIF-2B subunit alp
>gi|1037047100|ref|XP_017140962.1| PREDICTED: uncharacterized protein LOC108154960 [Drosophila
>gi|1037047116|ref|XP_017140965.1| PREDICTED: uncharacterized protein LOC108154961 [Drosophila
>gi|1037047084|ref|XP 017140961.1| PREDICTED: uncharacterized protein LOC108154959 [Drosophila
>gi|1037047069|ref|XP_017140960.1| PREDICTED: gametocyte-specific factor 1 homolog [Drosophila
>gi|1037084088|ref|XP 017143515.1| PREDICTED: conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 7 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Drefine of the conserved oligomeric Golgi complex subunit 8 [Dr
>gi|1037025867|ref|XP_017139641.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1037084102|ref|XP_017143516.1| PREDICTED: uncharacterized protein LOC108156523 [Drosophila
>gi|1037032280|ref|XP_017140026.1| PREDICTED: serine protease 3 [Drosophila miranda]
>gi|1037103480|ref|XP_017145087.1| PREDICTED: serine proteases 1/2 isoform X2 [Drosophila mirates
>gi|1037103472|ref|XP_017145086.1| PREDICTED: serine proteases 1/2 isoform X1 [Drosophila mirates
>gi|1037103488|ref|XP_017145088.1| PREDICTED: LOW QUALITY PROTEIN: serine proteases 1/2-like [
>gi|1037103033|ref|XP_017145038.1| PREDICTED: transient receptor potential protein [Drosophila
>gi|1037103043|ref|XP_017145039.1| PREDICTED: cardio acceleratory peptide 2b [Drosophila miran-
>gi|1037104666|ref|XP_017145245.1| PREDICTED: uncharacterized protein LOC108157620 [Drosophila
>gi|1037037101|ref|XP_017140307.1| PREDICTED: endocuticle structural glycoprotein SgAbd-9 [Dros
>gi|1037064522|ref|XP_017142152.1| PREDICTED: sodium-independent sulfate anion transporter [Dref|XP_017142152.1]
>gi|1037064691|ref|XP_017142164.1| PREDICTED: phosphoribosyl pyrophosphate synthase-associated
>gi|1037064674|ref|XP_017142163.1| PREDICTED: phosphoribosyl pyrophosphate synthase-associated
>gi|1037064707|ref|XP_017142165.1| PREDICTED: phosphoribosyl pyrophosphate synthase-associated
>gi|1037064723|ref|XP_017142166.1| PREDICTED: phosphoribosyl pyrophosphate synthase-associated
>gi|1037064935|ref|XP_017142170.1| PREDICTED: cytosolic carboxypeptidase 6 [Drosophila miranda]
>gi|1037064627|ref|XP_017142160.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like [Droso
>gi|1037064643|ref|XP_017142161.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 isoform X1
>gi|1037064658|ref|XP_017142162.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 isoform X2
>gi|1037064552|ref|XP_017142154.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like [Droso
>gi|1037064611|ref|XP_017142158.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like [Droso
>gi|1037064596|ref|XP_017142157.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like isoform
>gi|1037064568|ref|XP_017142155.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like isoform
>gi|1037064581|ref|XP_017142156.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like isoform
>gi|1037064536|ref|XP_017142153.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like [Droso
>gi|1037064739|ref|XP 017142167.1| PREDICTED: NADH dehydrogenase [ubiquinone] iron-sulfur prot
>gi|1037025883|ref|XP_017139643.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like [Droso
>gi|1037064753|ref|XP 017142168.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like [Droso
>gi|1037064767|ref|XP_017142169.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like [Droso
>gi|1037106516|ref|XP_017145507.1| PREDICTED: uncharacterized protein LOC108157819 [Drosophila
>gi|1037105910|ref|XP_017145423.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like [Droso
>gi|1037106786|ref|XP_017145545.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 [Drosophila
>gi|1037106792|ref|XP_017145546.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 [Drosophila
>gi|1037025904|ref|XP_017139644.1| PREDICTED: chromobox protein homolog 1-like [Drosophila mire
>gi|1037032706|ref|XP_017140054.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 [Drosophila
>gi|1037035788|ref|XP_017140229.1| PREDICTED: uncharacterized protein LOC108154469 [Drosophila
>gi|1037105079|ref|XP_017145305.1| PREDICTED: uncharacterized protein LOC108157659 [Drosophila
>gi|1037105073|ref|XP_017145304.1| PREDICTED: protein kinase DC1 [Drosophila miranda]
>gi|1037105049|ref|XP_017145301.1| PREDICTED: protein kinase DC1 isoform X4 [Drosophila mirand
>gi|1037105041|ref|XP_017145299.1| PREDICTED: protein kinase DC1 isoform X3 [Drosophila mirand
>gi|1037105031|ref|XP_017145298.1| PREDICTED: protein kinase DC1 isoform X2 [Drosophila mirand
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>gi|1037105023|ref|XP_017145297.1| PREDICTED: protein kinase DC1 isoform X1 [Drosophila mirand
>gi|1037105065|ref|XP_017145303.1| PREDICTED: protein kinase DC1 isoform X6 [Drosophila mirand
>gi|1037105057|ref|XP_017145302.1| PREDICTED: protein kinase DC1 isoform X5 [Drosophila mirand
>gi|1037073721|ref|XP_017142772.1| PREDICTED: uncharacterized protein LOC108156030 isoform X2
>gi|1037073705|ref|XP 017142771.1| PREDICTED: uncharacterized protein LOC108156030 isoform X1
>gi|1037073689|ref|XP_017142770.1| PREDICTED: protein no-on-transient A [Drosophila miranda]
>gi|1037073735|ref|XP 017142773.1| PREDICTED: uncharacterized protein LOC108156032 [Drosophila
>gi|1037073751|ref|XP_017142774.1| PREDICTED: MD-2-related lipid-recognition protein-like [Dros
>gi|1037073673|ref|XP_017142769.1| PREDICTED: zinc finger protein 1 [Drosophila miranda]
>gi|1037078140|ref|XP_017143080.1| PREDICTED: serine/threonine-protein kinase Warts [Drosophile
>gi|1037105316|ref|XP_017145339.1| PREDICTED: uncharacterized protein LOC108157684 [Drosophila
>gi|1037103367|ref|XP_017145076.1| PREDICTED: protein deglycase DJ-1 [Drosophila miranda]
>gi|1037079784|ref|XP_017143185.1| PREDICTED: SH3 domain-containing kinase-binding protein 1 [
>gi|1037105765|ref|XP_017145404.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1037105771|ref|XP_017145405.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1037102866|ref|XP_017145019.1| PREDICTED: protein tailless [Drosophila miranda]
>gi|1037059971|ref|XP_017141840.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1037059878|ref|XP_017141834.1| PREDICTED: structural maintenance of chromosomes protein 5
>gi|1037059955|ref|XP_017141839.1| PREDICTED: uncharacterized protein LOC108155510 [Drosophila
>gi|1037059925|ref|XP 017141837.1| PREDICTED: uncharacterized protein LOC108155508 [Drosophila
>gi|1037059909|ref|XP_017141836.1| PREDICTED: LOW QUALITY PROTEIN: putative uncharacterized pro-
>gi|1037059939|ref|XP 017141838.1| PREDICTED: uncharacterized protein LOC108155509 [Drosophila
>gi|1037059894|ref|XP_017141835.1| PREDICTED: uncharacterized protein LOC108155506 [Drosophila
>gi|1037031579|ref|XP_017139989.1| PREDICTED: cytochrome P450 4c3 [Drosophila miranda]
>gi|1037025924|ref|XP_017139645.1| PREDICTED: uncharacterized protein LOC108154065 [Drosophila
>gi|1037082102|ref|XP_017143366.1| PREDICTED: pituitary homeobox homolog Ptx1 isoform X1 [Dros
>gi|1037082116|ref|XP_017143367.1| PREDICTED: pituitary homeobox homolog Ptx1 isoform X2 [Dros
>gi|1037082213|ref|XP_017143375.1| PREDICTED: uncharacterized protein LOC108156431 [Drosophila
>gi|1037082227|ref|XP_017143376.1| PREDICTED: uncharacterized protein LOC108156432 [Drosophila
>gi|1037082185|ref|XP 017143373.1| PREDICTED: uncharacterized protein LOC108156430 [Drosophila
>gi|1037082199|ref|XP_017143374.1| PREDICTED: uncharacterized protein LOC108156430 [Drosophila
>gi|1037082048|ref|XP_017143361.1| PREDICTED: uncharacterized protein LOC108156423 [Drosophila
>gi|1037082144|ref|XP 017143369.1| PREDICTED: uncharacterized protein LOC108156427 [Drosophila
>gi|1037082130|ref|XP_017143368.1| PREDICTED: 5-hydroxytryptamine receptor 1 [Drosophila miran-
>gi|1037082158|ref|XP 017143370.1| PREDICTED: coiled-coil-helix-coiled-coil-helix domain-conta
>gi|1037082172|ref|XP_017143371.1| PREDICTED: uncharacterized protein LOC108156429 [Drosophila
>gi|1037025942|ref|XP 017139646.1| PREDICTED: uncharacterized protein LOC108154066 [Drosophila
>gi|1037025959|ref|XP_017139647.1| PREDICTED: uncharacterized protein LOC108154067 [Drosophila
>gi|1037082062|ref|XP_017143362.1| PREDICTED: serine/threonine-protein phosphatase 2B catalytic
>gi|1037082075|ref|XP_017143363.1| PREDICTED: serine/threonine-protein phosphatase 2B catalytic
>gi|1037082088|ref|XP_017143365.1| PREDICTED: serine/threonine-protein phosphatase 2B catalytic
>gi|1037022574|ref|XP_017139430.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037097109|ref|XP_017144485.1| PREDICTED: alkaline phosphatase 4 [Drosophila miranda]
>gi|1037097121|ref|XP_017144486.1| PREDICTED: MICOS complex subunit MIC19 [Drosophila miranda]
>gi|1037097133|ref|XP_017144487.1| PREDICTED: MICOS complex subunit MIC19 [Drosophila miranda]
>gi|1037080899|ref|XP_017143272.1| PREDICTED: discs overgrown protein kinase [Drosophila mirane
>gi|1037080913|ref|XP_017143273.1| PREDICTED: discs overgrown protein kinase [Drosophila miran-
>gi|1037080927|ref|XP_017143274.1| PREDICTED: discs overgrown protein kinase [Drosophila mirane
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>gi|1037080941|ref|XP_017143275.1| PREDICTED: discs overgrown protein kinase [Drosophila miran-
>gi|1037080954|ref|XP_017143276.1| PREDICTED: discs overgrown protein kinase [Drosophila miran-
>gi|1037105177|ref|XP_017145320.1| PREDICTED: transcription factor SOX-10 [Drosophila miranda]
>gi|1037105187|ref|XP_017145321.1| PREDICTED: uncharacterized protein LOC108157670 [Drosophila
>gi|1037103013|ref|XP 017145035.1| PREDICTED: serpin B3-like isoform X2 [Drosophila miranda]
>gi|1037103003|ref|XP_017145034.1| PREDICTED: leukocyte elastase inhibitor-like isoform X1 [Dr
>gi|1037025975|ref|XP 017139648.1| PREDICTED: uncharacterized protein LOC108154068 [Drosophila
>gi|1037034072|ref|XP_017140135.1| PREDICTED: uncharacterized protein LOC108154382 [Drosophila
>gi|1037037328|ref|XP_017140320.1| PREDICTED: proton-coupled folate transporter [Drosophila mi
>gi|1037105195|ref|XP_017145322.1| PREDICTED: adhesion G-protein coupled receptor G2 [Drosophi
>gi|1037037169|ref|XP_017140311.1| PREDICTED: uncharacterized protein LOC108154521 [Drosophila
>gi|1037105757|ref|XP_017145402.1| PREDICTED: adhesion G-protein coupled receptor G2 [Drosophi
>gi|1037039171|ref|XP_017140431.1| PREDICTED: guanylate cyclase soluble subunit beta-1 [Drosop
>gi|1037039263|ref|XP_017140435.1| PREDICTED: uncharacterized protein LOC108154624 [Drosophila
>gi|1037039039|ref|XP_017140424.1| PREDICTED: protein mesh isoform X3 [Drosophila miranda]
>gi|1037039025|ref|XP_017140423.1| PREDICTED: protein mesh isoform X2 [Drosophila miranda]
>gi|1037039007|ref|XP_017140422.1| PREDICTED: protein mesh isoform X1 [Drosophila miranda]
>gi|1037039280|ref|XP_017140437.1| PREDICTED: protein bottleneck [Drosophila miranda]
>gi|1037039105|ref|XP_017140428.1| PREDICTED: probable 2-oxoglutarate dehydrogenase E1 component
>gi|1037039057|ref|XP 017140425.1| PREDICTED: chaoptin isoform X1 [Drosophila miranda]
>gi|1037039075|ref|XP_017140426.1| PREDICTED: chaoptin isoform X1 [Drosophila miranda]
>gi|1037039093|ref|XP 017140427.1| PREDICTED: chaoptin isoform X2 [Drosophila miranda]
>gi|1037039246|ref|XP_017140434.1| PREDICTED: protein zwilch [Drosophila miranda]
>gi|1037039298|ref|XP_017140438.1| PREDICTED: probable rRNA-processing protein EBP2 homolog [Di
>gi|1037039312|ref|XP_017140439.1| PREDICTED: G patch domain-containing protein 4 [Drosophila i
>gi|1037039328|ref|XP_017140440.1| PREDICTED: ATP synthase lipid-binding protein, mitochondria
>gi|1037039342|ref|XP_017140441.1| PREDICTED: ATP synthase lipid-binding protein, mitochondria
>gi|1037039230|ref|XP_017140433.1| PREDICTED: uncharacterized membrane protein DDB_G0293934 is
>gi|1037039215|ref|XP_017140432.1| PREDICTED: alpha-protein kinase 1 isoform X1 [Drosophila mi
>gi|1037039115|ref|XP_017140429.1| PREDICTED: vacuolar protein sorting-associated protein 16 h
>gi|1037054891|ref|XP_017141493.1| PREDICTED: tryptophan--tRNA ligase, cytoplasmic [Drosophila
>gi|1037054951|ref|XP_017141497.1| PREDICTED: uncharacterized protein LOC108155293 [Drosophila
>gi|1037054905|ref|XP 017141494.1| PREDICTED: renin receptor [Drosophila miranda]
>gi|1037054959|ref|XP_017141498.1| PREDICTED: uncharacterized protein LOC108155294 [Drosophila
>gi|1037054973|ref|XP 017141499.1| PREDICTED: uncharacterized protein LOC108155295 [Drosophila
>gi|1037054933|ref|XP_017141496.1| PREDICTED: mitochondrial RNA-splicing protein MRS4 [Drosoph
>gi|1037054984|ref|XP 017141501.1| PREDICTED: uncharacterized protein LOC108155296, partial [Di
>gi|1037054875|ref|XP_017141492.1| PREDICTED: protein maelstrom 2 [Drosophila miranda]
>gi|1037054919|ref|XP_017141495.1| PREDICTED: estrogen sulfotransferase [Drosophila miranda]
>gi|1037056502|ref|XP_017141598.1| PREDICTED: uncharacterized protein LOC108155350 [Drosophila
>gi|1037056462|ref|XP_017141596.1| PREDICTED: phosphoinositide 3-kinase regulatory subunit 4 [
>gi|1037056486|ref|XP_017141597.1| PREDICTED: G2/mitotic-specific cyclin-B3 [Drosophila mirand
>gi|1037056598|ref|XP_017141604.1| PREDICTED: splicing factor 3A subunit 2 [Drosophila miranda]
>gi|1037056614|ref|XP_017141605.1| PREDICTED: metacaspase-1 [Drosophila miranda]
>gi|1037056520|ref|XP_017141599.1| PREDICTED: protein pygopus [Drosophila miranda]
>gi|1037056536|ref|XP_017141600.1| PREDICTED: protein pygopus [Drosophila miranda]
>gi|1037056552|ref|XP_017141601.1| PREDICTED: protein pygopus [Drosophila miranda]
>gi|1037056568|ref|XP_017141602.1| PREDICTED: protein pygopus [Drosophila miranda]
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>gi|1037056582|ref|XP_017141603.1| PREDICTED: protein pygopus [Drosophila miranda]
>gi|1037056630|ref|XP_017141606.1| PREDICTED: keratin-associated protein 19-2 [Drosophila mirated protein 19-2]
>gi|1037037860|ref|XP_017140350.1| PREDICTED: uncharacterized protein LOC108154560 [Drosophila
>gi|1037052344|ref|XP_017141318.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
>gi|1037052438|ref|XP 017141324.1| PREDICTED: carbonic anhydrase 2 [Drosophila miranda]
>gi|1037052422|ref|XP_017141323.1| PREDICTED: histone deacetylase 11 [Drosophila miranda]
>gi|1037052313|ref|XP 017141316.1| PREDICTED: nicastrin [Drosophila miranda]
>gi|1037052454|ref|XP_017141326.1| PREDICTED: 60S ribosome subunit biogenesis protein NIP7 hom
>gi|1037052376|ref|XP 017141320.1| PREDICTED: mitochondrial coenzyme A transporter SLC25A42 [Di
>gi|1037052390|ref|XP_017141321.1| PREDICTED: mitochondrial coenzyme A transporter SLC25A42 [Di
>gi|1037052297|ref|XP_017141315.1| PREDICTED: LOW QUALITY PROTEIN: lon protease homolog, mitoci
>gi|1037052406|ref|XP 017141322.1| PREDICTED: uncharacterized protein LOC108155167 [Drosophila
>gi|1037052470|ref|XP_017141327.1| PREDICTED: uncharacterized protein LOC108155171 [Drosophila
>gi|1037052360|ref|XP_017141319.1| PREDICTED: succinate--hydroxymethylglutarate CoA-transferase
>gi|1037025993|ref|XP_017139650.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-3-like [Droso
>gi|1037026010|ref|XP_017139651.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like, partic
>gi|1037021943|ref|XP_017150787.1| PREDICTED: troponin C [Drosophila miranda]
>gi|1037021961|ref|XP_017150788.1| PREDICTED: troponin C [Drosophila miranda]
>gi|1036993792|ref|XP_017149069.1| PREDICTED: troponin C isoform X1 [Drosophila miranda]
>gi|1036993806|ref|XP 017149070.1| PREDICTED: troponin C isoform X2 [Drosophila miranda]
>gi|1036993780|ref|XP_017149067.1| PREDICTED: laccase-5 [Drosophila miranda]
>gi|1036936108|ref|XP 017145572.1| PREDICTED: laccase-21-like, partial [Drosophila miranda]
>gi|1036936126|ref|XP_017145573.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1037002313|ref|XP_017149591.1| PREDICTED: ataxin-8-like, partial [Drosophila miranda]
>gi|1036936142|ref|XP_017145574.1| PREDICTED: BTB/POZ domain-containing adapter for CUL3-media
>gi|1037003278|ref|XP_017149645.1| PREDICTED: probable protein phosphatase CG10417 [Drosophila
>gi|1036936160|ref|XP_017145575.1| PREDICTED: uncharacterized protein LOC108157943 [Drosophila
>gi|1036997515|ref|XP_017149299.1| PREDICTED: uncharacterized protein LOC108160063 isoform X1
>gi|1036997531|ref|XP_017149300.1| PREDICTED: uncharacterized protein LOC108160063 isoform X2
>gi|1036997497|ref|XP_017149298.1| PREDICTED: presequence protease, mitochondrial [Drosophila i
>gi|1037014063|ref|XP_017150296.1| PREDICTED: ARL14 effector protein [Drosophila miranda]
>gi|1037014019|ref|XP_017150293.1| PREDICTED: uncharacterized protein LOC108160663 isoform X1
>gi|1037014048|ref|XP 017150295.1| PREDICTED: uncharacterized protein LOC108160663 isoform X3
>gi|1037014036|ref|XP_017150294.1| PREDICTED: uncharacterized protein LOC108160663 isoform X2
>gi|1037007965|ref|XP 017149932.1| PREDICTED: zinc finger protein DPF3 [Drosophila miranda]
>gi|1037010764|ref|XP_017150093.1| PREDICTED: uncharacterized protein LOC108160540 [Drosophila
>gi|1037010798|ref|XP_017150095.1| PREDICTED: josephin-like protein isoform X2 [Drosophila mire
>gi|1037010782|ref|XP_017150094.1| PREDICTED: josephin-like protein isoform X1 [Drosophila mire
>gi|1037016781|ref|XP_017150456.1| PREDICTED: ribonuclease kappa [Drosophila miranda]
>gi|1036984049|ref|XP_017148478.1| PREDICTED: guanine nucleotide exchange factor DBS isoform X
>gi|1036984031|ref|XP_017148477.1| PREDICTED: guanine nucleotide exchange factor DBS isoform X
>gi|1036984102|ref|XP 017148481.1| PREDICTED: guanine nucleotide exchange factor DBS isoform X
>gi|1036984120|ref|XP_017148483.1| PREDICTED: guanine nucleotide exchange factor DBS isoform X
>gi|1036984141|ref|XP_017148484.1| PREDICTED: guanine nucleotide exchange factor DBS isoform X
>gi|1036984159|ref|XP_017148485.1| PREDICTED: rhoGEF domain-containing protein gxcJ isoform X7
>gi|1036984084|ref|XP_017148480.1| PREDICTED: guanine nucleotide exchange factor DBS isoform X-
>gi|1036984068|ref|XP_017148479.1| PREDICTED: guanine nucleotide exchange factor DBS isoform X
>gi|1036984175|ref|XP_017148486.1| PREDICTED: guanine nucleotide exchange factor DBS isoform X
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>gi|1036935929|ref|XP_017145561.1| PREDICTED: uncharacterized protein LOC108157929 [Drosophila
>gi|1036984193|ref|XP_017148487.1| PREDICTED: guanine nucleotide exchange factor DBS isoform X
>gi|1036997724|ref|XP_017149312.1| PREDICTED: craniofacial development protein 1 [Drosophila m
>gi|1036997623|ref|XP_017149306.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1036997635|ref|XP 017149307.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1036997653|ref|XP_017149308.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1036997671|ref|XP_017149309.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1036997687|ref|XP_017149310.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1036997707|ref|XP_017149311.1| PREDICTED: LOW QUALITY PROTEIN: cytosolic non-specific dipe
>gi|1037007656|ref|XP_017149913.1| PREDICTED: uncharacterized protein LOC108160422 [Drosophila
>gi|1037018816|ref|XP_017150590.1| PREDICTED: serine proteinase stubble [Drosophila miranda]
>gi|1037009879|ref|XP_017150044.1| PREDICTED: LOW QUALITY PROTEIN: cytosolic non-specific dipe
>gi|1036993260|ref|XP_017149036.1| PREDICTED: uncharacterized protein LOC108159914 [Drosophila
>gi|1037018026|ref|XP_017150536.1| PREDICTED: LOW QUALITY PROTEIN: BTB/POZ domain-containing a
>gi|1036942154|ref|XP_017145951.1| PREDICTED: uncharacterized protein LOC108158230 [Drosophila
>gi|1037019099|ref|XP_017150610.1| PREDICTED: uncharacterized protein LOC108160858 [Drosophila
>gi|1037001889|ref|XP_017149564.1| PREDICTED: U4/U6.U5 small nuclear ribonucleoprotein 27 kDa
>gi|1037001894|ref|XP_017149565.1| PREDICTED: U4/U6.U5 small nuclear ribonucleoprotein 27 kDa
>gi|1037001872|ref|XP_017149563.1| PREDICTED: eukaryotic translation initiation factor 6 [Dros
>gi|1037009589|ref|XP 017150030.1| PREDICTED: thioredoxin-related transmembrane protein 1 isof
>gi|1037009561|ref|XP_017150029.1| PREDICTED: thioredoxin-related transmembrane protein 1 isof
>gi|1036979477|ref|XP 017148193.1| PREDICTED: synaptosomal-associated protein 29 isoform X2 [Di
>gi|1036979494|ref|XP_017148194.1| PREDICTED: synaptosomal-associated protein 29 isoform X3 [Di
>gi|1036979459|ref|XP_017148192.1| PREDICTED: synaptosomal-associated protein 29 isoform X1 [Di
>gi|1036979443|ref|XP_017148191.1| PREDICTED: inactive peptidyl-prolyl cis-trans isomerase shu
>gi|1036979569|ref|XP_017148199.1| PREDICTED: inactive peptidyl-prolyl cis-trans isomerase shu
>gi|1036979512|ref|XP_017148195.1| PREDICTED: uncharacterized protein LOC108159433 isoform X1
>gi|1036979551|ref|XP_017148198.1| PREDICTED: dynein light chain roadblock-type 1-like isoform
>gi|1036979534|ref|XP_017148196.1| PREDICTED: dynein light chain roadblock-type 1-like isoform
>gi|1037015842|ref|XP_017150401.1| PREDICTED: sodium- and chloride-dependent glycine transport
>gi|1037015860|ref|XP_017150402.1| PREDICTED: sodium- and chloride-dependent glycine transport
>gi|1037015898|ref|XP_017150404.1| PREDICTED: uncharacterized protein LOC108160730 isoform X2
>gi|1037015880|ref|XP 017150403.1| PREDICTED: uncharacterized protein LOC108160730 isoform X1
>gi|1037015916|ref|XP_017150405.1| PREDICTED: uncharacterized protein LOC108160730 isoform X3
>gi|1037017974|ref|XP 017150532.1| PREDICTED: facilitated trehalose transporter Tret1-2 homological
>gi|1037017990|ref|XP_017150533.1| PREDICTED: facilitated trehalose transporter Tret1-2 homological design and the second second
>gi|1036987099|ref|XP_017148667.1| PREDICTED: NTF2-related export protein [Drosophila miranda]
>gi|1036987027|ref|XP_017148662.1| PREDICTED: gastrulation defective protein 1 homolog [Drosop
>gi|1036987015|ref|XP_017148661.1| PREDICTED: FACT complex subunit Ssrp1 [Drosophila miranda]
>gi|1036987081|ref|XP_017148665.1| PREDICTED: uncharacterized protein LOC108159682 [Drosophila
>gi|1036987045|ref|XP_017148663.1| PREDICTED: receptor expression-enhancing protein 2 [Drosoph
>gi|1036987063|ref|XP_017148664.1| PREDICTED: receptor expression-enhancing protein 2 [Drosoph
>gi|1037009759|ref|XP_017150038.1| PREDICTED: uncharacterized protein LOC108160508 isoform X2
>gi|1037009743|ref|XP_017150037.1| PREDICTED: uncharacterized protein LOC108160508 isoform X1
>gi|1037009809|ref|XP_017150039.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
>gi|1037018556|ref|XP_017150572.1| PREDICTED: transmembrane protein 14 homolog [Drosophila mire
>gi|1036981253|ref|XP_017148307.1| PREDICTED: protein preli-like [Drosophila miranda]
>gi|1036981201|ref|XP_017148304.1| PREDICTED: chromatin-remodeling complex ATPase chain Iswi [
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>gi|1036981221|ref|XP_017148305.1| PREDICTED: proton-coupled amino acid transporter 1 [Drosoph
>gi|1036981238|ref|XP_017148306.1| PREDICTED: proton-coupled amino acid transporter 1 [Drosoph
>gi|1037004350|ref|XP_017149707.1| PREDICTED: methylglutaconyl-CoA hydratase, mitochondrial [Di
>gi|1037004313|ref|XP_017149706.1| PREDICTED: zinc transporter 9 [Drosophila miranda]
>gi|1037020057|ref|XP 017150670.1| PREDICTED: arylsulfatase B isoform X1 [Drosophila miranda]
>gi|1037020073|ref|XP_017150671.1| PREDICTED: arylsulfatase B isoform X2 [Drosophila miranda]
>gi|1037020091|ref|XP 017150672.1| PREDICTED: arylsulfatase B isoform X2 [Drosophila miranda]
>gi|1037020108|ref|XP_017150674.1| PREDICTED: uncharacterized protein LOC108160909 [Drosophila
>gi|1036982685|ref|XP_017148395.1| PREDICTED: cytochrome c oxidase assembly factor 4 homolog,
>gi|1036982667|ref|XP_017148394.1| PREDICTED: peptidyl-tRNA hydrolase 2, mitochondrial [Drosop
>gi|1036982615|ref|XP_017148390.1| PREDICTED: GTPase Era, mitochondrial [Drosophila miranda]
>gi|1036982633|ref|XP_017148391.1| PREDICTED: small RNA 2'-O-methyltransferase [Drosophila mire
>gi|1036982649|ref|XP_017148393.1| PREDICTED: small RNA 2'-O-methyltransferase [Drosophila mire
>gi|1036982599|ref|XP_017148389.1| PREDICTED: uncharacterized protein LOC108159528 isoform X4
>gi|1036982563|ref|XP 017148387.1| PREDICTED: uncharacterized protein LOC108159528 isoform X2
>gi|1036982581|ref|XP_017148388.1| PREDICTED: uncharacterized protein LOC108159528 isoform X3
>gi|1036982546|ref|XP_017148386.1| PREDICTED: uncharacterized protein LOC108159528 isoform X1
>gi|1036976685|ref|XP_017148018.1| PREDICTED: dynein light chain 4, axonemal [Drosophila mirane
>gi|1036976702|ref|XP_017148019.1| PREDICTED: dynein light chain 4, axonemal [Drosophila miran-
>gi|1036976725|ref|XP 017148020.1| PREDICTED: dynein light chain 4, axonemal [Drosophila mirane
>gi|1036976667|ref|XP_017148017.1| PREDICTED: pre-mRNA-processing-splicing factor 8 [Drosophile
>gi|1036992480|ref|XP 017148986.1| PREDICTED: uncharacterized protein LOC108159883 [Drosophila
>gi|1036992466|ref|XP_017148985.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1036992433|ref|XP_017148982.1| PREDICTED: LOW QUALITY PROTEIN: ornithine decarboxylase ant
>gi|1036992451|ref|XP_017148983.1| PREDICTED: small nuclear ribonucleoprotein Sm D3 [Drosophile
>gi|1037007347|ref|XP_017149896.1| PREDICTED: endonuclease G, mitochondrial [Drosophila mirand
>gi|1037007333|ref|XP_017149895.1| PREDICTED: T-complex protein 1 subunit epsilon [Drosophila 1
>gi|1036943809|ref|XP_017146053.1| PREDICTED: uncharacterized protein LOC108158324 [Drosophila
>gi|1037012915|ref|XP_017150226.1| PREDICTED: uncharacterized protein LOC108160622 isoform X1
>gi|1037012933|ref|XP 017150227.1| PREDICTED: uncharacterized protein LOC108160622 isoform X1
>gi|1037012951|ref|XP_017150228.1| PREDICTED: uncharacterized protein LOC108160622 isoform X1
>gi|1037012971|ref|XP_017150230.1| PREDICTED: uncharacterized protein LOC108160622 isoform X2
>gi|1037007126|ref|XP 017149882.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1037007108|ref|XP_017149881.1| PREDICTED: nuclear polyadenylated RNA-binding protein NAB2
>gi|1037007090|ref|XP 017149880.1| PREDICTED: protein lunapark-B isoform X2 [Drosophila mirand
>gi|1037007071|ref|XP_017149879.1| PREDICTED: protein lunapark-B isoform X1 [Drosophila mirand
>gi|1036989131|ref|XP_017148787.1| PREDICTED: angiogenic factor with G patch and FHA domains 1
>gi|1036989147|ref|XP_017148788.1| PREDICTED: angiogenic factor with G patch and FHA domains 1
>gi|1036989165|ref|XP_017148789.1| PREDICTED: hexokinase type 2 [Drosophila miranda]
>gi|1036989112|ref|XP_017148786.1| PREDICTED: uncharacterized protein LOC108159752 isoform X2
>gi|1036989094|ref|XP_017148785.1| PREDICTED: uncharacterized protein LOC108159752 isoform X1
>gi|1036947419|ref|XP_017146268.1| PREDICTED: integrin alpha-PS3 isoform X1 [Drosophila mirand
>gi|1036947434|ref|XP_017146269.1| PREDICTED: integrin alpha-PS3 isoform X2 [Drosophila mirand
>gi|1036947207|ref|XP_017146255.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947225|ref|XP_017146256.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947245|ref|XP_017146257.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947170|ref|XP_017146253.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947189|ref|XP_017146254.1| PREDICTED: transient receptor potential cation channel trpm
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>gi|1036947277|ref|XP_017146259.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947261|ref|XP_017146258.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947152|ref|XP_017146251.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947135|ref|XP_017146250.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947119|ref|XP 017146249.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947312|ref|XP_017146261.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947294|ref|XP_017146260.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947348|ref|XP_017146264.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947332|ref|XP 017146262.1| PREDICTED: transient receptor potential cation channel trpm
>gi|1036947449|ref|XP_017146270.1| PREDICTED: NADH dehydrogenase [ubiquinone] flavoprotein 1,
>gi|1036947467|ref|XP_017146271.1| PREDICTED: G patch domain and ankyrin repeat-containing pro-
>gi|1036947483|ref|XP 017146272.1| PREDICTED: G patch domain and ankyrin repeat-containing pro
>gi|1036947365|ref|XP_017146265.1| PREDICTED: DNA repair protein complementing XP-C cells homo
>gi|1036947383|ref|XP_017146266.1| PREDICTED: DNA repair protein complementing XP-C cells homo
>gi|1036947401|ref|XP_017146267.1| PREDICTED: uncharacterized protein LOC108158474 [Drosophila
>gi|1036988250|ref|XP_017148733.1| PREDICTED: mitochondrial import receptor subunit TOM7 homological import receptor su
>gi|1036988200|ref|XP_017148730.1| PREDICTED: uncharacterized protein LOC108159720 [Drosophila
>gi|1036988210|ref|XP 017148731.1| PREDICTED: uncharacterized protein LOC108159720 [Drosophila
>gi|1036988226|ref|XP_017148732.1| PREDICTED: uncharacterized protein LOC108159722 [Drosophila
>gi|1036988169|ref|XP 017148729.1| PREDICTED: dymeclin [Drosophila miranda]
>gi|1036936178|ref|XP 017145577.1| PREDICTED: LOW QUALITY PROTEIN: odorant receptor 49a-like [
>gi|1036943926|ref|XP 017146060.1| PREDICTED: kunitz-type serine protease inhibitor nigrescini
>gi|1037015434|ref|XP_017150380.1| PREDICTED: uncharacterized protein LOC108160716 [Drosophila
>gi|1037021205|ref|XP_017150742.1| PREDICTED: uncharacterized protein LOC108160960 [Drosophila
>gi|1036936196|ref|XP_017145578.1| PREDICTED: gamma-butyrobetaine dioxygenase [Drosophila mirated]
>gi|1036944869|ref|XP_017146113.1| PREDICTED: tripartite motif-containing protein 75 isoform X
>gi|1036944905|ref|XP_017146115.1| PREDICTED: uncharacterized RING finger protein T02C1.1 isof
>gi|1036944887|ref|XP_017146114.1| PREDICTED: ligand of Numb protein X 2 isoform X2 [Drosophile
>gi|1036942664|ref|XP_017145983.1| PREDICTED: dopamine N-acetyltransferase-like [Drosophila mi
>gi|1037019328|ref|XP 017150623.1| PREDICTED: uncharacterized protein LOC108160872 [Drosophila
>gi|1037019344|ref|XP_017150624.1| PREDICTED: uncharacterized protein LOC108160873 [Drosophila
>gi|1037019813|ref|XP_017150654.1| PREDICTED: calcitonin gene-related peptide type 1 receptor
>gi|1037019825|ref|XP 017150655.1| PREDICTED: calcitonin gene-related peptide type 1 receptor
>gi|1037019843|ref|XP_017150656.1| PREDICTED: calcitonin gene-related peptide type 1 receptor
>gi|1037020374|ref|XP 017150690.1| PREDICTED: uncharacterized protein LOC108160919 isoform X3
>gi|1037020345|ref|XP_017150688.1| PREDICTED: PDZ and LIM domain protein 7 isoform X1 [Drosoph
>gi|1037020357|ref|XP 017150689.1| PREDICTED: uncharacterized protein LOC108160919 isoform X2
>gi|1037019292|ref|XP_017150621.1| PREDICTED: transcriptional regulator ATRX [Drosophila miran-
>gi|1037015708|ref|XP_017150394.1| PREDICTED: uncharacterized protein LOC108160725 [Drosophila
>gi|1037015724|ref|XP_017150395.1| PREDICTED: muscle-specific protein 20 [Drosophila miranda]
>gi|1036996635|ref|XP_017149245.1| PREDICTED: glutathione S-transferase E14 isoform X2 [Drosop
>gi|1036996617|ref|XP_017149244.1| PREDICTED: glutathione S-transferase E14 isoform X1 [Drosop
>gi|1036996601|ref|XP_017149243.1| PREDICTED: RNA-binding protein 28 [Drosophila miranda]
>gi|1036996691|ref|XP_017149248.1| PREDICTED: uncharacterized protein LOC108160023 [Drosophila
>gi|1036996655|ref|XP_017149246.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036996673|ref|XP_017149247.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1037017257|ref|XP_017150487.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1037017241|ref|XP_017150486.1| PREDICTED: larval cuticle protein 4-like [Drosophila mirand
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>gi|1037017221|ref|XP_017150485.1| PREDICTED: isochorismatase domain-containing protein 1 [Drop
>gi|1037007450|ref|XP_017149901.1| PREDICTED: putative sodium-dependent multivitamin transport
>gi|1036981630|ref|XP_017148331.1| PREDICTED: transcription factor Adf-1 isoform X1 [Drosophile
>gi|1036981646|ref|XP_017148332.1| PREDICTED: transcription factor Adf-1 isoform X2 [Drosophile
>gi|1036981675|ref|XP 017148334.1| PREDICTED: UPF0545 protein C22orf39 homolog [Drosophila mire
>gi|1036981657|ref|XP_017148333.1| PREDICTED: coenzyme Q-binding protein COQ10, mitochondrial
>gi|1036981592|ref|XP_017148329.1| PREDICTED: D-glucuronyl C5-epimerase [Drosophila miranda]
>gi|1036981611|ref|XP_017148330.1| PREDICTED: D-glucuronyl C5-epimerase [Drosophila miranda]
>gi|1036957094|ref|XP_017146857.1| PREDICTED: post-GPI attachment to proteins factor 3 [Drosop
>gi|1036957349|ref|XP_017146871.1| PREDICTED: peptidyl-prolyl cis-trans isomerase H [Drosophile
>gi|1036957056|ref|XP_017146855.1| PREDICTED: aromatic-L-amino-acid decarboxylase [Drosophila 1
>gi|1036957112|ref|XP_017146858.1| PREDICTED: uncharacterized protein LOC108158757 isoform X1
>gi|1036957128|ref|XP_017146859.1| PREDICTED: uncharacterized protein LOC108158757 isoform X2
>gi|1036957023|ref|XP_017146853.1| PREDICTED: tyrosine decarboxylase isoform X1 [Drosophila mi
>gi|1036957039|ref|XP_017146854.1| PREDICTED: tyrosine decarboxylase isoform X2 [Drosophila mi
>gi|1036957237|ref|XP_017146863.1| PREDICTED: ribonuclease P protein subunit p25-like protein
>gi|1036957248|ref|XP_017146864.1| PREDICTED: ribonuclease P protein subunit p25-like protein
>gi|1036957260|ref|XP_017146865.1| PREDICTED: ribonuclease P protein subunit p25-like protein
>gi|1036957074|ref|XP_017146856.1| PREDICTED: FAD-dependent oxidoreductase domain-containing p
>gi|1036957180|ref|XP 017146860.1| PREDICTED: MOB kinase activator-like 4 [Drosophila miranda]
>gi|1036957194|ref|XP_017146862.1| PREDICTED: ras-related protein Rab-2A [Drosophila miranda]
>gi|1036957007|ref|XP 017146851.1| PREDICTED: monocarboxylate transporter 14 [Drosophila miran
>gi|1036957270|ref|XP_017146866.1| PREDICTED: uncharacterized protein LOC108158761 [Drosophila
>gi|1036957286|ref|XP_017146867.1| PREDICTED: uncharacterized protein LOC108158761 [Drosophila
>gi|1036957304|ref|XP_017146868.1| PREDICTED: uncharacterized protein LOC108158761 [Drosophila
>gi|1036957329|ref|XP_017146870.1| PREDICTED: uncharacterized protein LOC108158761 [Drosophila
>gi|1036942772|ref|XP_017145991.1| PREDICTED: zinc transporter ZIP1 [Drosophila miranda]
>gi|1036943755|ref|XP_017146050.1| PREDICTED: zinc transporter ZIP1 [Drosophila miranda]
>gi|1037009295|ref|XP_017150011.1| PREDICTED: uncharacterized protein LOC108160488 isoform X12
>gi|1037009228|ref|XP 017150007.1| PREDICTED: uncharacterized protein LOC108160488 isoform X8
>gi|1037009211|ref|XP_017150006.1| PREDICTED: uncharacterized protein LOC108160488 isoform X7
>gi|1037009178|ref|XP_017150004.1| PREDICTED: uncharacterized protein LOC108160488 isoform X5
>gi|1037009123|ref|XP_017150001.1| PREDICTED: uncharacterized protein LOC108160488 isoform X2
>gi|1037009194|ref|XP_017150005.1| PREDICTED: uncharacterized protein LOC108160488 isoform X6
>gi|1037009159|ref|XP 017150003.1| PREDICTED: uncharacterized protein LOC108160488 isoform X4
>gi|1037009134|ref|XP_017150002.1| PREDICTED: uncharacterized protein LOC108160488 isoform X3
>gi|1037009104|ref|XP 017150000.1| PREDICTED: uncharacterized protein LOC108160488 isoform X1
>gi|1037009313|ref|XP_017150012.1| PREDICTED: uncharacterized protein LOC108160488 isoform X13
>gi|1037009331|ref|XP_017150013.1| PREDICTED: uncharacterized protein LOC108160488 isoform X14
>gi|1037009262|ref|XP_017150009.1| PREDICTED: uncharacterized protein LOC108160488 isoform X10
>gi|1037009281|ref|XP_017150010.1| PREDICTED: uncharacterized protein LOC108160488 isoform X11
>gi|1037009245|ref|XP_017150008.1| PREDICTED: uncharacterized protein LOC108160488 isoform X9
>gi|1037000373|ref|XP 017149471.1| PREDICTED: putative homeodomain transcription factor [Droso
>gi|1037000395|ref|XP_017149472.1| PREDICTED: putative homeodomain transcription factor [Droso
>gi|1037012040|ref|XP_017150170.1| PREDICTED: probable methylcrotonoyl-CoA carboxylase beta ch
>gi|1036993868|ref|XP_017149074.1| PREDICTED: microtubule-associated protein RP/EB family members
>gi|1036993830|ref|XP_017149071.1| PREDICTED: microtubule-associated protein RP/EB family members
>gi|1036993842|ref|XP_017149072.1| PREDICTED: microtubule-associated protein RP/EB family members
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>gi|1036993852|ref|XP_017149073.1| PREDICTED: microtubule-associated protein RP/EB family members
>gi|1036993931|ref|XP_017149079.1| PREDICTED: CDGSH iron-sulfur domain-containing protein 3, m
>gi|1036993901|ref|XP_017149077.1| PREDICTED: CDGSH iron-sulfur domain-containing protein 3, m
>gi|1036993917|ref|XP_017149078.1| PREDICTED: CDGSH iron-sulfur domain-containing protein 3, m
>gi|1036993883|ref|XP 017149075.1| PREDICTED: aldose reductase [Drosophila miranda]
>gi|1037006410|ref|XP_017149836.1| PREDICTED: rap guanine nucleotide exchange factor 4 isoform
>gi|1037006428|ref|XP_017149837.1| PREDICTED: rap guanine nucleotide exchange factor 4 isoform
>gi|1037006462|ref|XP_017149839.1| PREDICTED: rap guanine nucleotide exchange factor 4 isoform
>gi|1037006446|ref|XP_017149838.1| PREDICTED: rap guanine nucleotide exchange factor 4 isoform
>gi|1037006478|ref|XP_017149840.1| PREDICTED: rap guanine nucleotide exchange factor 4 isoform
>gi|1037006496|ref|XP_017149841.1| PREDICTED: cytochrome P450 6a2 [Drosophila miranda]
>gi|1036936212|ref|XP 017145579.1| PREDICTED: cytosol aminopeptidase-like [Drosophila miranda]
>gi|1037007796|ref|XP_017149921.1| PREDICTED: succinate dehydrogenase [ubiquinone] iron-sulfur
>gi|1037007813|ref|XP_017149922.1| PREDICTED: anaphase-promoting complex subunit 15A [Drosophi
>gi|1037007848|ref|XP_017149924.1| PREDICTED: ubiquitin-like protein 5 isoform X2 [Drosophila i
>gi|1037007831|ref|XP_017149923.1| PREDICTED: ubiquitin-like protein 5 isoform X1 [Drosophila 1
>gi|1037007865|ref|XP_017149925.1| PREDICTED: uncharacterized protein LOC108160433 [Drosophila
>gi|1037000483|ref|XP 017149475.1| PREDICTED: probable RNA polymerase II nuclear localization
>gi|1037000501|ref|XP_017149476.1| PREDICTED: uncharacterized protein LOC108160165 isoform X2
>gi|1037000519|ref|XP 017149477.1| PREDICTED: RNA-binding motif protein, X-linked 2-like [Dros-
>gi|1036936228|ref|XP_017145580.1| PREDICTED: GTPase-activating protein CdGAPr-like [Drosophile]
>gi|1036936246|ref|XP 017145581.1| PREDICTED: GTPase-activating protein CdGAPr-like [Drosophile
>gi|1036936264|ref|XP_017145582.1| PREDICTED: GTPase-activating protein CdGAPr-like [Drosophile]
>gi|1037015580|ref|XP_017150385.1| PREDICTED: uncharacterized protein LOC108160720 [Drosophila
>gi|1036996220|ref|XP_017149219.1| PREDICTED: uncharacterized protein LOC108160004 isoform X1
>gi|1036996273|ref|XP_017149222.1| PREDICTED: uncharacterized protein LOC108160004 isoform X4
>gi|1036996238|ref|XP_017149220.1| PREDICTED: uncharacterized protein LOC108160004 isoform X2
>gi|1036996253|ref|XP_017149221.1| PREDICTED: uncharacterized protein LOC108160004 isoform X3
>gi|1037019151|ref|XP_017150613.1| PREDICTED: myb-like protein Q [Drosophila miranda]
>gi|1037019167|ref|XP_017150614.1| PREDICTED: myb-like protein Q [Drosophila miranda]
>gi|1036999876|ref|XP_017149440.1| PREDICTED: coronin-6 isoform X2 [Drosophila miranda]
>gi|1036999858|ref|XP_017149439.1| PREDICTED: coronin-6 isoform X1 [Drosophila miranda]
>gi|1036995984|ref|XP 017149203.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi]
>gi|1036995842|ref|XP_017149194.1| PREDICTED: alaserpin isoform X3 [Drosophila miranda]
>gi|1036995807|ref|XP 017149193.1| PREDICTED: alaserpin isoform X2 [Drosophila miranda]
>gi|1036995793|ref|XP_017149192.1| PREDICTED: alaserpin isoform X1 [Drosophila miranda]
>gi|1036995860|ref|XP_017149196.1| PREDICTED: alaserpin isoform X4 [Drosophila miranda]
>gi|1036995878|ref|XP_017149197.1| PREDICTED: alaserpin isoform X4 [Drosophila miranda]
>gi|1036995914|ref|XP_017149199.1| PREDICTED: serpin B3 isoform X1 [Drosophila miranda]
>gi|1036995928|ref|XP_017149200.1| PREDICTED: serpin B3 isoform X2 [Drosophila miranda]
>gi|1036995946|ref|XP_017149201.1| PREDICTED: serine protease inhibitor 3/4 isoform X3 [Drosop
>gi|1036995896|ref|XP_017149198.1| PREDICTED: antichymotrypsin-2 [Drosophila miranda]
>gi|1036995966|ref|XP_017149202.1| PREDICTED: leukocyte elastase inhibitor [Drosophila miranda]
>gi|1037018201|ref|XP_017150548.1| PREDICTED: antichymotrypsin-2 [Drosophila miranda]
>gi|1037018186|ref|XP_017150546.1| PREDICTED: GTP-binding protein Di-Ras2 [Drosophila miranda]
>gi|1036979196|ref|XP_017148174.1| PREDICTED: putative deoxyribonuclease TATDN1 [Drosophila mi
>gi|1036979107|ref|XP_017148169.1| PREDICTED: MTSS1-like protein isoform X15 [Drosophila miran-
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>gi|1036979144|ref|XP\_017148171.1| PREDICTED: serine-rich adhesin for platelets isoform X17 [Di

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>gi|1036979125|ref|XP_017148170.1| PREDICTED: serine-rich adhesin for platelets isoform X16 [Di
>gi|1036979091|ref|XP_017148168.1| PREDICTED: metastasis suppressor protein 1 isoform X14 [Drop
>gi|1036979176|ref|XP_017148173.1| PREDICTED: metastasis suppressor protein 1 isoform X19 [Drop
>gi|1036978982|ref|XP_017148161.1| PREDICTED: serine-rich adhesin for platelets isoform X8 [Dr
>gi|1036978874|ref|XP 017148155.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dr.
>gi|1036979160|ref|XP_017148172.1| PREDICTED: uncharacterized protein LOC108159416 isoform X18
>gi|1036978910|ref|XP 017148157.1| PREDICTED: serine-rich adhesin for platelets isoform X4 [Dr.
>gi|1036978892|ref|XP_017148156.1| PREDICTED: serine-rich adhesin for platelets isoform X3 [Dr
>gi|1036979056|ref|XP_017148165.1| PREDICTED: AF4/FMR2 family member 4 isoform X12 [Drosophila
>gi|1036978944|ref|XP_017148159.1| PREDICTED: serine-rich adhesin for platelets isoform X6 [Dr
>gi|1036979074|ref|XP_017148166.1| PREDICTED: metastasis suppressor protein 1 isoform X13 [Dros
>gi|1036979019|ref|XP 017148163.1| PREDICTED: chromatin modification-related protein eaf-1 iso
>gi|1036979000|ref|XP_017148162.1| PREDICTED: serine-rich adhesin for platelets isoform X9 [Dr
>gi|1036978926|ref|XP_017148158.1| PREDICTED: serine-rich adhesin for platelets isoform X5 [Dref|XP_017148158.1]
>gi|1036978962|ref|XP_017148160.1| PREDICTED: serine-rich adhesin for platelets isoform X7 [Dref|XP_017148160.1]
>gi|1036978856|ref|XP_017148154.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017148154.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref
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>gi|1036979228|ref|XP 017148176.1| PREDICTED: uncharacterized protein LOC108159420 [Drosophila
>gi|1036979214|ref|XP_017148175.1| PREDICTED: uncharacterized protein LOC108159419 [Drosophila
>gi|1036935947|ref|XP 017145562.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
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>gi|1037006862|ref|XP 017149865.1| PREDICTED: probable cytochrome P450 6u1 [Drosophila miranda
>gi|1037006878|ref|XP_017149866.1| PREDICTED: probable Ufm1-specific protease 1 [Drosophila mi
>gi|1036999039|ref|XP_017149395.1| PREDICTED: rap1 GTPase-GDP dissociation stimulator 1-B [Drop
>gi|1036999058|ref|XP_017149397.1| PREDICTED: dnaJ homolog subfamily B member 14 [Drosophila m
>gi|1036977682|ref|XP_017148081.1| PREDICTED: G protein pathway suppressor 2 isoform X1 [Droso
>gi|1036977712|ref|XP_017148083.1| PREDICTED: G protein pathway suppressor 2 isoform X3 [Droso
>gi|1036977694|ref|XP_017148082.1| PREDICTED: G protein pathway suppressor 2 isoform X2 [Droso
>gi|1036977747|ref|XP_017148085.1| PREDICTED: uncharacterized protein LOC108159369 [Drosophila
>gi|1036977762|ref|XP_017148086.1| PREDICTED: uncharacterized protein LOC108159369 [Drosophila
>gi|1036977832|ref|XP_017148090.1| PREDICTED: 23 kDa integral membrane protein [Drosophila mir
>gi|1036977844|ref|XP_017148091.1| PREDICTED: 23 kDa integral membrane protein [Drosophila mir
>gi|1036977857|ref|XP 017148093.1| PREDICTED: 23 kDa integral membrane protein [Drosophila mire
>gi|1036977778|ref|XP_017148087.1| PREDICTED: 23 kDa integral membrane protein [Drosophila mire
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>gi|1036977814|ref|XP_017148089.1| PREDICTED: CD63 antigen [Drosophila miranda]
>gi|1036977730|ref|XP_017148084.1| PREDICTED: DNA repair protein RAD51 homolog 4-like [Drosoph
>gi|1036977794|ref|XP_017148088.1| PREDICTED: 23 kDa integral membrane protein [Drosophila mire
>gi|1036936282|ref|XP_017145584.1| PREDICTED: uncharacterized protein LOC108157951 [Drosophila
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>gi|1037018112|ref|XP_017150541.1| PREDICTED: protein late bloomer [Drosophila miranda]
>gi|1037018122|ref|XP_017150542.1| PREDICTED: protein late bloomer [Drosophila miranda]
>gi|1036941131|ref|XP_017145888.1| PREDICTED: 23 kDa integral membrane protein [Drosophila mir
>gi|1036943184|ref|XP_017146015.1| PREDICTED: protein late bloomer [Drosophila miranda]
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>gi|1036944024|ref|XP_017146066.1| PREDICTED: uncharacterized protein LOC108158337 [Drosophila
>gi|1037020580|ref|XP_017150702.1| PREDICTED: 23 kDa integral membrane protein [Drosophila mire
>gi|1037020595|ref|XP_017150703.1| PREDICTED: 23 kDa integral membrane protein [Drosophila mire
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>gi|1036943550|ref|XP_017146037.1| PREDICTED: protein late bloomer [Drosophila miranda]
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>gi|1037014491|ref|XP_017150322.1| PREDICTED: protein late bloomer [Drosophila miranda]
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>gi|1036946396|ref|XP_017146205.1| PREDICTED: tctex1 domain-containing protein 2 [Drosophila m
>gi|1036942017|ref|XP_017145942.1| PREDICTED: uncharacterized protein LOC108158222 [Drosophila
>gi|1037006762|ref|XP_017149858.1| PREDICTED: uncharacterized protein LOC108160387 isoform X1
>gi|1037006780|ref|XP_017149859.1| PREDICTED: uncharacterized protein LOC108160387 isoform X2
>gi|1036936314|ref|XP_017145586.1| PREDICTED: uncharacterized protein LOC108157953 [Drosophila
>gi|1037006724|ref|XP_017149856.1| PREDICTED: protein espinas [Drosophila miranda]
>gi|1037006744|ref|XP_017149857.1| PREDICTED: LOW QUALITY PROTEIN: cytochrome P450 9b2-like [Di
>gi|1036936330|ref|XP_017145588.1| PREDICTED: cytochrome P450 9b2-like [Drosophila miranda]
>gi|1036992567|ref|XP_017148991.1| PREDICTED: uncharacterized protein LOC108159886 isoform X1
>gi|1036992581|ref|XP_017148992.1| PREDICTED: uncharacterized protein LOC108159886 isoform X2
>gi|1036992640|ref|XP 017148996.1| PREDICTED: alaserpin isoform X2 [Drosophila miranda]
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>gi|1036992656|ref|XP_017148998.1| PREDICTED: leukocyte elastase inhibitor [Drosophila miranda
>gi|1036992613|ref|XP_017148994.1| PREDICTED: antichymotrypsin-2 [Drosophila miranda]
>gi|1036992597|ref|XP_017148993.1| PREDICTED: alaserpin [Drosophila miranda]
>gi|1036992513|ref|XP_017148988.1| PREDICTED: protein prickle isoform X1 [Drosophila miranda]
>gi|1036992531|ref|XP_017148989.1| PREDICTED: protein prickle isoform X2 [Drosophila miranda]
>gi|1036943146|ref|XP_017146013.1| PREDICTED: odorant receptor 43a [Drosophila miranda]
>gi|1037019133|ref|XP 017150612.1| PREDICTED: adenosine kinase [Drosophila miranda]
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>gi|1037002278|ref|XP 017149589.1| PREDICTED: caldesmon isoform X2 [Drosophila miranda]
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>gi|1037008358|ref|XP_017149956.1| PREDICTED: protein piccolo isoform X2 [Drosophila miranda]
>gi|1037008419|ref|XP_017149957.1| PREDICTED: protein piccolo isoform X3 [Drosophila miranda]
>gi|1036943404|ref|XP_017146030.1| PREDICTED: golgin subfamily A member 6-like protein 1 [Dros
>gi|1036956183|ref|XP_017146803.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036956033|ref|XP_017146794.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
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>gi|1036956147|ref|XP_017146800.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036956051|ref|XP_017146795.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
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>gi|1037018848|ref|XP\_017150593.1| PREDICTED: protein late bloomer [Drosophila miranda]

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>gi|1036955850|ref|XP 017146783.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
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>gi|1037003642|ref|XP_017149669.1| PREDICTED: putative pre-mRNA-splicing factor ATP-dependent I
>gi|1037003658|ref|XP_017149670.1| PREDICTED: putative pre-mRNA-splicing factor ATP-dependent
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>gi|1037003676|ref|XP_017149671.1| PREDICTED: pre-mRNA-splicing factor ATP-dependent RNA helic
>gi|1037003695|ref|XP_017149672.1| PREDICTED: gustatory receptor for sugar taste 43a [Drosophi
>gi|1036994481|ref|XP_017149111.1| PREDICTED: ell-associated factor Eaf [Drosophila miranda]
>gi|1036994499|ref|XP_017149112.1| PREDICTED: ell-associated factor Eaf [Drosophila miranda]
>gi|1036994516|ref|XP 017149113.1| PREDICTED: ell-associated factor Eaf [Drosophila miranda]
>gi|1037012191|ref|XP_017150181.1| PREDICTED: protein sine oculis [Drosophila miranda]
>gi|1037012207|ref|XP 017150182.1| PREDICTED: uncharacterized protein LOC108160596 [Drosophila
>gi|1036985753|ref|XP_017148585.1| PREDICTED: nucleolar protein 9 [Drosophila miranda]
>gi|1036985771|ref|XP_017148588.1| PREDICTED: phospholipase A2 [Drosophila miranda]
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>gi|1036985727|ref|XP_017148583.1| PREDICTED: transcription elongation factor SPT5 [Drosophila
>gi|1036985743|ref|XP 017148584.1| PREDICTED: transcription elongation factor SPT5 [Drosophila
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>gi|1036996130|ref|XP_017149213.1| PREDICTED: focal adhesion kinase 1 isoform X2 [Drosophila m
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>gi|1036976383|ref|XP_017148000.1| PREDICTED: benign gonial cell neoplasm protein isoform X2 [
>gi|1036976440|ref|XP 017148003.1| PREDICTED: partner of Y14 and mago [Drosophila miranda]
>gi|1037002515|ref|XP_017149603.1| PREDICTED: TAR DNA-binding protein 43 isoform X2 [Drosophile
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>gi|1037011942|ref|XP_017150164.1| PREDICTED: ceramide phosphoethanolamine synthase [Drosophile
>gi|1036936378|ref|XP_017145591.1| PREDICTED: uncharacterized protein LOC108157957 [Drosophila
>gi|1037020202|ref|XP_017150678.1| PREDICTED: uncharacterized protein LOC108160912 [Drosophila
>gi|1037016749|ref|XP_017150454.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1037011765|ref|XP_017150153.1| PREDICTED: trifunctional enzyme subunit beta, mitochondrial
>gi|1037006205|ref|XP_017149822.1| PREDICTED: transcription factor Ken isoform X3 [Drosophila i
>gi|1037006189|ref|XP_017149821.1| PREDICTED: transcription factor Ken isoform X2 [Drosophila i
>gi|1037006173|ref|XP 017149820.1| PREDICTED: transcription factor Ken isoform X1 [Drosophila i
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>gi|1036982511|ref|XP_017148384.1| PREDICTED: uncharacterized protein LOC108159526 isoform X2
>gi|1036982528|ref|XP_017148385.1| PREDICTED: methyltransferase-like protein 9 [Drosophila mire
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>gi|1037009493|ref|XP_017150025.1| PREDICTED: uncharacterized protein LOC108160499 [Drosophila
>gi|1037009475|ref|XP_017150024.1| PREDICTED: nucleosome assembly protein 1-like 1 [Drosophila
>gi|1036962206|ref|XP_017147152.1| PREDICTED: solute carrier family 12 member 6 isoform X1 [Dref|XP_017147152.1]
>gi|1036962280|ref|XP_017147157.1| PREDICTED: solute carrier family 12 member 6 isoform X5 [Dref
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>gi|1036962226|ref|XP_017147154.1| PREDICTED: solute carrier family 12 member 6 isoform X2 [Dref|XP_017147154.1]
>gi|1036962296|ref|XP_017147158.1| PREDICTED: solute carrier family 12 member 6 isoform X6 [Dref
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>gi|1036962246|ref|XP_017147155.1| PREDICTED: solute carrier family 12 member 6 isoform X3 [Dr
>gi|1036962266|ref|XP_017147156.1| PREDICTED: solute carrier family 12 member 6 isoform X4 [Dr
>gi|1036962314|ref|XP 017147159.1| PREDICTED: solute carrier family 12 member 6 isoform X7 [Dr.
>gi|1036962370|ref|XP_017147162.1| PREDICTED: solute carrier family 12 member 6 isoform X10 [D:
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>gi|1036962418|ref|XP_017147166.1| PREDICTED: calcium-transporting ATPase sarcoplasmic/endopla
>gi|1036962436|ref|XP_017147167.1| PREDICTED: calcium-transporting ATPase sarcoplasmic/endopla
>gi|1036962388|ref|XP 017147163.1| PREDICTED: calcium-transporting ATPase sarcoplasmic/endopla
>gi|1036962402|ref|XP_017147165.1| PREDICTED: calcium-transporting ATPase sarcoplasmic/endopla
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>gi|1036958897|ref|XP_017146957.1| PREDICTED: sulfhydryl oxidase 1-like [Drosophila miranda]
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>gi|1036958859|ref|XP_017146954.1| PREDICTED: latrophilin Cirl isoform X2 [Drosophila miranda]
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>gi|1036958907|ref|XP 017146958.1| PREDICTED: uncharacterized protein LOC108158788 [Drosophila
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>gi|1036961609|ref|XP_017147116.1| PREDICTED: sodium/potassium-transporting ATPase subunit bet
>gi|1036961574|ref|XP_017147114.1| PREDICTED: sodium/potassium-transporting ATPase subunit beta
>gi|1036961627|ref|XP_017147117.1| PREDICTED: ecdysone-induced protein 75B isoform X4 [Drosoph
>gi|1036961666|ref|XP_017147119.1| PREDICTED: angiotensin-converting enzyme [Drosophila mirand
>gi|1036961390|ref|XP_017147103.1| PREDICTED: sodium channel protein 60E isoform X1 [Drosophile
>gi|1036961408|ref|XP_017147104.1| PREDICTED: sodium channel protein 60E isoform X2 [Drosophile
>gi|1036961450|ref|XP_017147106.1| PREDICTED: sodium channel protein 60E isoform X4 [Drosophile
>gi|1036961427|ref|XP_017147105.1| PREDICTED: sodium channel protein 60E isoform X3 [Drosophile
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>gi|1036961704|ref|XP_017147121.1| PREDICTED: mitochondrial thiamine pyrophosphate carrier [Dr
>gi|1036961721|ref|XP 017147122.1| PREDICTED: mitochondrial thiamine pyrophosphate carrier [Dr.
>gi|1036961743|ref|XP_017147123.1| PREDICTED: mitochondrial thiamine pyrophosphate carrier [Dreath of the control of the contr
>gi|1036961478|ref|XP 017147107.1| PREDICTED: LOW QUALITY PROTEIN: transient receptor potential
>gi|1036961560|ref|XP_017147113.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 isoform
>gi|1036961514|ref|XP_017147109.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 isoform
>gi|1036961529|ref|XP_017147110.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 isoform
>gi|1036961546|ref|XP_017147112.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 isoform
>gi|1036961496|ref|XP_017147108.1| PREDICTED: fatty acyl-CoA reductase 1 isoform X1 [Drosophile
>gi|1036986030|ref|XP 017148602.1| PREDICTED: protein CDV3 homolog [Drosophila miranda]
>gi|1036986101|ref|XP_017148608.1| PREDICTED: putative gamma-glutamylcyclotransferase CG2811 i
>gi|1036986087|ref|XP_017148606.1| PREDICTED: putative gamma-glutamylcyclotransferase CG2811 is
>gi|1036986073|ref|XP_017148605.1| PREDICTED: troponin C-akin-1 protein [Drosophila miranda]
>gi|1036986057|ref|XP_017148604.1| PREDICTED: wnt inhibitory factor 1 [Drosophila miranda]
>gi|1036986040|ref|XP_017148603.1| PREDICTED: lipoma HMGIC fusion partner-like 2 protein [Dros
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>gi|1036986012|ref|XP_017148601.1| PREDICTED: dnaJ homolog subfamily C member 21 [Drosophila m
>gi|1037005044|ref|XP_017149746.1| PREDICTED: uncharacterized protein LOC108160328 isoform X1
>gi|1037005075|ref|XP 017149747.1| PREDICTED: uncharacterized protein LOC108160328 isoform X2
>gi|1036992798|ref|XP_017149007.1| PREDICTED: dentin sialophosphoprotein [Drosophila miranda]
>gi|1036992781|ref|XP 017149005.1| PREDICTED: uncharacterized protein LOC108159894 [Drosophila
>gi|1036992816|ref|XP_017149008.1| PREDICTED: 60S ribosomal protein L19 [Drosophila miranda]
>gi|1037007144|ref|XP 017149883.1| PREDICTED: uncharacterized protein C2orf47 homolog, mitocho:
>gi|1037007158|ref|XP_017149884.1| PREDICTED: ejaculatory bulb-specific protein 3 [Drosophila i
>gi|1037007179|ref|XP_017149885.1| PREDICTED: scavenger receptor class B member 1 [Drosophila i
>gi|1036950516|ref|XP_017146466.1| PREDICTED: scavenger receptor class B member 1 isoform X3 [
>gi|1036950500|ref|XP_017146465.1| PREDICTED: lysosome membrane protein 2 isoform X2 [Drosophi
>gi|1036950454|ref|XP 017146462.1| PREDICTED: scavenger receptor class B member 1 isoform X1 [
>gi|1036950468|ref|XP_017146463.1| PREDICTED: scavenger receptor class B member 1 isoform X1 [
>gi|1036950485|ref|XP 017146464.1| PREDICTED: scavenger receptor class B member 1 isoform X1 [
>gi|1036950422|ref|XP_017146460.1| PREDICTED: scavenger receptor class B member 1 [Drosophila i
>gi|1036950437|ref|XP 017146461.1| PREDICTED: scavenger receptor class B member 1 [Drosophila 1
>gi|1036950386|ref|XP_017146457.1| PREDICTED: myosin heavy chain, non-muscle isoform X1 [Droso
>gi|1036950404|ref|XP 017146458.1| PREDICTED: myosin heavy chain, non-muscle isoform X2 [Droso
>gi|1036950533|ref|XP_017146467.1| PREDICTED: dolichol kinase isoform X1 [Drosophila miranda]
>gi|1036950550|ref|XP_017146468.1| PREDICTED: dolichol kinase isoform X1 [Drosophila miranda]
>gi|1036950568|ref|XP_017146470.1| PREDICTED: dolichol kinase isoform X2 [Drosophila miranda]
>gi|1036950585|ref|XP_017146471.1| PREDICTED: cyclin-dependent kinase 4 isoform X1 [Drosophila
>gi|1036950603|ref|XP_017146472.1| PREDICTED: cyclin-dependent kinase 4 isoform X1 [Drosophila
>gi|1036950620|ref|XP_017146473.1| PREDICTED: cyclin-dependent kinase 4 isoform X2 [Drosophila
>gi|1036950638|ref|XP_017146474.1| PREDICTED: uncharacterized protein LOC108158560 [Drosophila
>gi|1037003245|ref|XP_017149642.1| PREDICTED: probable ATP-dependent RNA helicase DDX27 [Droso
>gi|1037003263|ref|XP_017149644.1| PREDICTED: uncharacterized protein LOC108160273 [Drosophila
>gi|1036996378|ref|XP_017149228.1| PREDICTED: ankyrin repeat, SAM and basic leucine zipper dom
>gi|1036996362|ref|XP_017149227.1| PREDICTED: DNA mismatch repair protein Mlh1 [Drosophila mire
>gi|1036996396|ref|XP_017149229.1| PREDICTED: succinate dehydrogenase assembly factor 2-A, mit
>gi|1036996414|ref|XP_017149231.1| PREDICTED: succinate dehydrogenase assembly factor 2-A, mit
>gi|1036965593|ref|XP_017147352.1| PREDICTED: prolow-density lipoprotein receptor-related prot
>gi|1036965631|ref|XP_017147354.1| PREDICTED: accessory gland protein Acp62F-like [Drosophila i
>gi|1036965613|ref|XP_017147353.1| PREDICTED: putative uncharacterized protein DDB_G0274435 [Di
>gi|1036942678|ref|XP 017145984.1| PREDICTED: uncharacterized protein LOC108158258 [Drosophila
>gi|1037012022|ref|XP_017150169.1| PREDICTED: protein deadpan [Drosophila miranda]
>gi|1037006272|ref|XP 017149827.1| PREDICTED: protein peanut [Drosophila miranda]
>gi|1036936395|ref|XP_017145592.1| PREDICTED: venom serine protease 34 [Drosophila miranda]
>gi|1036936413|ref|XP_017145593.1| PREDICTED: uncharacterized protein LOC108157959 [Drosophila
>gi|1037022005|ref|XP_017150792.1| PREDICTED: uncharacterized protein LOC108160995 [Drosophila
>gi|1036942648|ref|XP_017145982.1| PREDICTED: venom serine protease [Drosophila miranda]
>gi|1036941201|ref|XP_017145892.1| PREDICTED: venom serine protease [Drosophila miranda]
>gi|1036941647|ref|XP_017145916.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1037005320|ref|XP_017149761.1| PREDICTED: alpha-protein kinase 1 isoform X1 [Drosophila mi
>gi|1037005338|ref|XP_017149762.1| PREDICTED: alpha-protein kinase 1 isoform X2 [Drosophila mi
>gi|1037005352|ref|XP_017149763.1| PREDICTED: alpha-protein kinase 1 isoform X3 [Drosophila mi
>gi|1037005376|ref|XP_017149764.1| PREDICTED: alpha-protein kinase 1 isoform X4 [Drosophila mi
>gi|1037005392|ref|XP 017149765.1| PREDICTED: alpha-protein kinase 1 isoform X5 [Drosophila mi
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>gi|1037005496|ref|XP_017149772.1| PREDICTED: uncharacterized protein LOC108160342 [Drosophila
>gi|1037005444|ref|XP_017149769.1| PREDICTED: uncharacterized protein LOC108160339 [Drosophila
>gi|1037005462|ref|XP_017149770.1| PREDICTED: uncharacterized protein LOC108160340 [Drosophila
>gi|1037005480|ref|XP 017149771.1| PREDICTED: uncharacterized protein LOC108160341 [Drosophila
>gi|1037005428|ref|XP_017149768.1| PREDICTED: POU domain, class 6, transcription factor 2 isof
>gi|1037017175|ref|XP 017150482.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1037012716|ref|XP_017150213.1| PREDICTED: COP9 signalosome complex subunit 7 [Drosophila m
>gi|1037020761|ref|XP 017150715.1| PREDICTED: larval cuticle protein 1 [Drosophila miranda]
>gi|1037020777|ref|XP_017150716.1| PREDICTED: larval cuticle protein 2 [Drosophila miranda]
>gi|1036943128|ref|XP_017146012.1| PREDICTED: larval cuticle protein III/IV [Drosophila mirand
>gi|1036943332|ref|XP_017146025.1| PREDICTED: larval cuticle protein III/IV [Drosophila mirand
>gi|1037005617|ref|XP_017149780.1| PREDICTED: probable cytochrome P450 4ad1 [Drosophila mirand
>gi|1037005512|ref|XP_017149773.1| PREDICTED: cytochrome P450 4e2 [Drosophila miranda]
>gi|1037005530|ref|XP_017149774.1| PREDICTED: cytochrome P450 4e2 [Drosophila miranda]
>gi|1037005564|ref|XP_017149777.1| PREDICTED: cytochrome P450 4e2-like isoform X2 [Drosophila 1
>gi|1037005546|ref|XP_017149776.1| PREDICTED: cytochrome P450 4e2-like isoform X1 [Drosophila i
>gi|1037005582|ref|XP_017149778.1| PREDICTED: cytochrome P450 4e2-like isoform X3 [Drosophila 1
>gi|1037005600|ref|XP_017149779.1| PREDICTED: cytochrome P450 4e2-like [Drosophila miranda]
>gi|1037019663|ref|XP 017150643.1| PREDICTED: maltase A1 [Drosophila miranda]
>gi|1037020392|ref|XP_017150691.1| PREDICTED: maltase A2 [Drosophila miranda]
>gi|1037020941|ref|XP 017150726.1| PREDICTED: maltase A3 [Drosophila miranda]
>gi|1037021143|ref|XP_017150740.1| PREDICTED: maltase A3 [Drosophila miranda]
>gi|1037008500|ref|XP_017149963.1| PREDICTED: maltase A3 [Drosophila miranda]
>gi|1037008516|ref|XP_017149964.1| PREDICTED: maltase A3 [Drosophila miranda]
>gi|1037012090|ref|XP_017150174.1| PREDICTED: maltase A1 [Drosophila miranda]
>gi|1037012107|ref|XP_017150175.1| PREDICTED: maltase A1-like [Drosophila miranda]
>gi|1037012140|ref|XP_017150177.1| PREDICTED: metabotropic glutamate receptor 6 isoform X2 [Dr
>gi|1037012124|ref|XP_017150176.1| PREDICTED: metabotropic glutamate receptor 2 isoform X1 [Dref|XP_017150176.1]
>gi|1036944074|ref|XP_017146068.1| PREDICTED: gram-negative bacteria-binding protein 3 [Drosop
>gi|1037019563|ref|XP_017150638.1| PREDICTED: LOW QUALITY PROTEIN: F-box only protein 39 [Dros
>gi|1037019616|ref|XP_017150640.1| PREDICTED: transient receptor potential cation channel prot
>gi|1036936431|ref|XP_017145594.1| PREDICTED: myosin heavy chain, non-muscle-like [Drosophila i
>gi|1036936449|ref|XP_017145596.1| PREDICTED: Krueppel-like factor 8 [Drosophila miranda]
>gi|1037013353|ref|XP 017150252.1| PREDICTED: protein twist [Drosophila miranda]
>gi|1037011013|ref|XP_017150108.1| PREDICTED: long-chain fatty acid transport protein 1 [Droso
>gi|1037011027|ref|XP 017150109.1| PREDICTED: long-chain fatty acid transport protein 1 [Droso
>gi|1037011043|ref|XP_017150110.1| PREDICTED: long-chain fatty acid transport protein 1 [Droso
>gi|1037011061|ref|XP_017150111.1| PREDICTED: long-chain fatty acid transport protein 1 [Droso
>gi|1037011126|ref|XP_017150115.1| PREDICTED: uncharacterized protein LOC108160553 [Drosophila
>gi|1037011094|ref|XP_017150113.1| PREDICTED: uncharacterized protein LOC108160552 isoform X2
>gi|1037011108|ref|XP_017150114.1| PREDICTED: uncharacterized protein LOC108160552 isoform X3
>gi|1037011083|ref|XP_017150112.1| PREDICTED: uncharacterized protein LOC108160552 isoform X1
>gi|1037013844|ref|XP_017150283.1| PREDICTED: zinc finger protein 277 [Drosophila miranda]
>gi|1036998279|ref|XP_017149349.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1036998221|ref|XP_017149345.1| PREDICTED: putative inorganic phosphate cotransporter isofo
>gi|1036998238|ref|XP_017149346.1| PREDICTED: putative inorganic phosphate cotransporter isofo
>gi|1036998261|ref|XP_017149348.1| PREDICTED: prohibitin-2 [Drosophila miranda]
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>gi|1037005410|ref|XP\_017149766.1| PREDICTED: alpha-protein kinase 1 isoform X6 [Drosophila mi

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>gi|1036998205|ref|XP_017149344.1| PREDICTED: kelch-like protein 17 [Drosophila miranda]
>gi|1037013975|ref|XP_017150290.1| PREDICTED: uncharacterized protein LOC108160661 isoform X1
>gi|1037013990|ref|XP_017150291.1| PREDICTED: uncharacterized protein LOC108160661 isoform X2
>gi|1037014004|ref|XP_017150292.1| PREDICTED: uncharacterized protein LOC108160662 [Drosophila
>gi|1036982070|ref|XP 017148357.1| PREDICTED: uncharacterized protein LOC108159509 [Drosophila
>gi|1036982054|ref|XP_017148356.1| PREDICTED: protein dopey-1 homolog [Drosophila miranda]
>gi|1037004368|ref|XP 017149708.1| PREDICTED: methionine--tRNA ligase, cytoplasmic [Drosophila
>gi|1036964813|ref|XP_017147303.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036964831|ref|XP_017147304.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036964550|ref|XP_017147289.1| PREDICTED: tyrosine-protein kinase transmembrane receptor R
>gi|1036964760|ref|XP_017147300.1| PREDICTED: apolipoprotein D [Drosophila miranda]
>gi|1036964777|ref|XP_017147301.1| PREDICTED: apolipoprotein D [Drosophila miranda]
>gi|1036964793|ref|XP_017147302.1| PREDICTED: apolipoprotein D [Drosophila miranda]
>gi|1036964677|ref|XP_017147297.1| PREDICTED: peptidyl-prolyl cis-trans isomerase FKBP8 [Droso
>gi|1036964694|ref|XP_017147299.1| PREDICTED: lysosomal aspartic protease [Drosophila miranda]
>gi|1036964631|ref|XP_017147294.1| PREDICTED: protein ABHD4 isoform X1 [Drosophila miranda]
>gi|1036964649|ref|XP_017147295.1| PREDICTED: protein ABHD4 isoform X2 [Drosophila miranda]
>gi|1036964659|ref|XP_017147296.1| PREDICTED: protein ABHD4 isoform X2 [Drosophila miranda]
>gi|1036964565|ref|XP_017147290.1| PREDICTED: tubulin--tyrosine ligase-like protein 12 isoform
>gi|1036964580|ref|XP 017147291.1| PREDICTED: tubulin--tyrosine ligase-like protein 12 isoform
>gi|1036964599|ref|XP_017147292.1| PREDICTED: activin receptor type-1 isoform X1 [Drosophila m
>gi|1036964615|ref|XP 017147293.1| PREDICTED: activin receptor type-1 isoform X2 [Drosophila m
>gi|1036980452|ref|XP_017148257.1| PREDICTED: protein kintoun isoform X1 [Drosophila miranda]
>gi|1036980470|ref|XP_017148258.1| PREDICTED: protein kintoun isoform X1 [Drosophila miranda]
>gi|1036980486|ref|XP_017148259.1| PREDICTED: protein kintoun isoform X2 [Drosophila miranda]
>gi|1036980398|ref|XP_017148254.1| PREDICTED: DNA polymerase zeta catalytic subunit isoform X1
>gi|1036980418|ref|XP_017148255.1| PREDICTED: DNA polymerase zeta catalytic subunit isoform X2
>gi|1036980434|ref|XP_017148256.1| PREDICTED: DNA polymerase zeta catalytic subunit isoform X3
>gi|1036969950|ref|XP_017147603.1| PREDICTED: kynurenine 3-monooxygenase isoform X1 [Drosophile
>gi|1036969968|ref|XP_017147605.1| PREDICTED: kynurenine 3-monooxygenase isoform X1 [Drosophile
>gi|1036970046|ref|XP_017147610.1| PREDICTED: uncharacterized protein LOC108159129 [Drosophila
>gi|1036970035|ref|XP_017147609.1| PREDICTED: calcineurin subunit B type 2 [Drosophila miranda]
>gi|1036969986|ref|XP_017147606.1| PREDICTED: kynurenine 3-monooxygenase isoform X2 [Drosophile
>gi|1036970003|ref|XP_017147607.1| PREDICTED: kynurenine 3-monooxygenase isoform X2 [Drosophile
>gi|1036970023|ref|XP 017147608.1| PREDICTED: kynurenine 3-monooxygenase isoform X2 [Drosophile
>gi|1036969878|ref|XP_017147599.1| PREDICTED: uncharacterized protein LOC108159125 isoform X1
>gi|1036969900|ref|XP 017147600.1| PREDICTED: uncharacterized protein LOC108159125 isoform X1
>gi|1036969914|ref|XP_017147601.1| PREDICTED: protein FAM46C isoform X2 [Drosophila miranda]
>gi|1036969932|ref|XP_017147602.1| PREDICTED: protein FAM46C isoform X3 [Drosophila miranda]
>gi|1036936467|ref|XP_017145597.1| PREDICTED: ras guanine nucleotide exchange factor P, partia
>gi|1037001045|ref|XP_017149508.1| PREDICTED: protein GDAP2 homolog isoform X1 [Drosophila mire
>gi|1037001065|ref|XP_017149509.1| PREDICTED: protein GDAP2 homolog isoform X2 [Drosophila mire
>gi|1037001080|ref|XP_017149510.1| PREDICTED: protein GDAP2 homolog isoform X3 [Drosophila mire
>gi|1037001103|ref|XP_017149512.1| PREDICTED: protein GDAP2 homolog isoform X4 [Drosophila mire
>gi|1037001118|ref|XP_017149513.1| PREDICTED: diacylglycerol O-acyltransferase 2-like [Drosoph
>gi|1036971670|ref|XP_017147704.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
>gi|1036971616|ref|XP_017147701.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
>gi|1036971652|ref|XP_017147703.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
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>gi|1036971577|ref|XP_017147699.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
>gi|1036971596|ref|XP_017147700.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
>gi|1036971634|ref|XP_017147702.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
>gi|1036971489|ref|XP_017147694.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
>gi|1036971507|ref|XP 017147695.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
>gi|1036971525|ref|XP_017147696.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
>gi|1036971540|ref|XP 017147697.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
>gi|1036971559|ref|XP_017147698.1| PREDICTED: SH3 and multiple ankyrin repeat domains protein
>gi|1036971758|ref|XP_017147709.1| PREDICTED: uncharacterized protein LOC108159174 [Drosophila
>gi|1036971686|ref|XP_017147705.1| PREDICTED: uncharacterized protein LOC108159172 isoform X1
>gi|1036971702|ref|XP_017147706.1| PREDICTED: uncharacterized protein LOC108159172 isoform X2
>gi|1036971722|ref|XP_017147707.1| PREDICTED: uncharacterized protein LOC108159172 isoform X3
>gi|1036971740|ref|XP_017147708.1| PREDICTED: uncharacterized protein LOC108159173 [Drosophila
>gi|1036977316|ref|XP_017148058.1| PREDICTED: uncharacterized protein LOC108159352 isoform X7
>gi|1036977298|ref|XP 017148057.1| PREDICTED: uncharacterized protein LOC108159352 isoform X6
>gi|1036977282|ref|XP_017148056.1| PREDICTED: uncharacterized protein LOC108159352 isoform X5
>gi|1036977266|ref|XP_017148055.1| PREDICTED: uncharacterized protein LOC108159352 isoform X4
>gi|1036977248|ref|XP 017148054.1| PREDICTED: uncharacterized protein LOC108159352 isoform X3
>gi|1036977230|ref|XP_017148053.1| PREDICTED: uncharacterized protein LOC108159352 isoform X2
>gi|1036977212|ref|XP 017148052.1| PREDICTED: uncharacterized protein LOC108159352 isoform X1
>gi|1036977149|ref|XP_017148048.1| PREDICTED: ATP-dependent RNA helicase DHX8 isoform X1 [Dros
>gi|1036977164|ref|XP 017148049.1| PREDICTED: ATP-dependent RNA helicase DHX8 isoform X2 [Dros
>gi|1036977194|ref|XP_017148051.1| PREDICTED: ATP-dependent RNA helicase DHX8 isoform X3 [Dros
>gi|1036977334|ref|XP 017148059.1| PREDICTED: cytochrome c oxidase assembly factor 5 [Drosophi
>gi|1036990039|ref|XP_017148844.1| PREDICTED: transmembrane protein 39A [Drosophila miranda]
>gi|1036990021|ref|XP_017148843.1| PREDICTED: probable cysteine--tRNA ligase, mitochondrial [Di
>gi|1036990055|ref|XP_017148845.1| PREDICTED: GDP-fucose protein O-fucosyltransferase 1 [Droso
>gi|1036990075|ref|XP_017148846.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037009623|ref|XP_017150033.1| PREDICTED: DNA excision repair protein ERCC-1 [Drosophila m
>gi|1037009606|ref|XP_017150032.1| PREDICTED: probable cytosolic iron-sulfur protein assembly
>gi|1036951924|ref|XP_017146551.1| PREDICTED: uncharacterized protein LOC108158600 [Drosophila
>gi|1036951985|ref|XP_017146553.1| PREDICTED: transmembrane protein 177 [Drosophila miranda]
>gi|1036951851|ref|XP 017146545.1| PREDICTED: protein hu-li tai shao isoform X4 [Drosophila mi
>gi|1036951865|ref|XP_017146546.1| PREDICTED: protein hu-li tai shao isoform X5 [Drosophila mi
>gi|1036951833|ref|XP 017146544.1| PREDICTED: protein hu-li tai shao isoform X3 [Drosophila mi
>gi|1036951692|ref|XP_017146538.1| PREDICTED: uncharacterized protein LOC108158598 isoform X1
>gi|1036951726|ref|XP 017146539.1| PREDICTED: uncharacterized protein LOC108158598 isoform X1
>gi|1036951742|ref|XP_017146540.1| PREDICTED: uncharacterized protein LOC108158598 isoform X1
>gi|1036951759|ref|XP_017146541.1| PREDICTED: uncharacterized protein LOC108158598 isoform X1
>gi|1036951777|ref|XP_017146542.1| PREDICTED: uncharacterized protein LOC108158598 isoform X1
>gi|1036951801|ref|XP_017146543.1| PREDICTED: uncharacterized protein LOC108158598 isoform X2
>gi|1036951997|ref|XP_017146554.1| PREDICTED: protein CTLA-2-alpha [Drosophila miranda]
>gi|1036951878|ref|XP 017146547.1| PREDICTED: succinate dehydrogenase [ubiquinone] flavoprotein
>gi|1036951896|ref|XP_017146548.1| PREDICTED: succinate dehydrogenase [ubiquinone] flavoprotei
>gi|1036951910|ref|XP_017146549.1| PREDICTED: succinate dehydrogenase [ubiquinone] flavoprotei:
>gi|1036951970|ref|XP_017146552.1| PREDICTED: cytochrome b5 reductase 4 [Drosophila miranda]
>gi|1037007003|ref|XP_017149874.1| PREDICTED: fatty-acid amide hydrolase 2-A [Drosophila miran-
>gi|1037007021|ref|XP_017149876.1| PREDICTED: sentrin-specific protease 8 isoform X1 [Drosophi
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>gi|1037007037|ref|XP_017149877.1| PREDICTED: sentrin-specific protease 8 isoform X2 [Drosophi
>gi|1037016179|ref|XP_017150419.1| PREDICTED: uncharacterized protein LOC108160739 [Drosophila
>gi|1036987446|ref|XP_017148688.1| PREDICTED: Golgi-specific brefeldin A-resistance guanine nu
>gi|1036987464|ref|XP_017148689.1| PREDICTED: Golgi-specific brefeldin A-resistance guanine nu
>gi|1036976018|ref|XP 017147977.1| PREDICTED: protein HID1 [Drosophila miranda]
>gi|1036976035|ref|XP_017147978.1| PREDICTED: protein HID1 [Drosophila miranda]
>gi|1036976339|ref|XP 017147997.1| PREDICTED: uncharacterized protein LOC108159319 isoform X1
>gi|1036976351|ref|XP_017147998.1| PREDICTED: uncharacterized protein LOC108159319 isoform X2
>gi|1036975966|ref|XP_017147974.1| PREDICTED: spondin-1 [Drosophila miranda]
>gi|1036975984|ref|XP_017147975.1| PREDICTED: spondin-1 [Drosophila miranda]
>gi|1036976002|ref|XP_017147976.1| PREDICTED: spondin-1 [Drosophila miranda]
>gi|1036976054|ref|XP 017147979.1| PREDICTED: myosin heavy chain, muscle-like isoform X1 [Dros
>gi|1036976070|ref|XP_017147980.1| PREDICTED: myosin heavy chain, muscle-like isoform X2 [Dros
>gi|1036976136|ref|XP_017147984.1| PREDICTED: myosin heavy chain, muscle-like isoform X4 [Dros
>gi|1036976153|ref|XP_017147985.1| PREDICTED: myosin heavy chain, muscle-like isoform X5 [Dros
>gi|1036976103|ref|XP_017147982.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036976120|ref|XP_017147983.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036976291|ref|XP_017147993.1| PREDICTED: uncharacterized protein LOC108159317 isoform X4
>gi|1036976325|ref|XP_017147995.1| PREDICTED: uncharacterized protein LOC108159317 isoform X6
>gi|1036976309|ref|XP 017147994.1| PREDICTED: uncharacterized protein LOC108159317 isoform X5
>gi|1036976277|ref|XP_017147992.1| PREDICTED: uncharacterized protein LOC108159317 isoform X3
>gi|1036976259|ref|XP 017147991.1| PREDICTED: uncharacterized protein LOC108159317 isoform X2
>gi|1036976170|ref|XP_017147987.1| PREDICTED: uncharacterized protein LOC108159317 isoform X1
>gi|1036976205|ref|XP_017147988.1| PREDICTED: uncharacterized protein LOC108159317 isoform X1
>gi|1036976224|ref|XP_017147989.1| PREDICTED: uncharacterized protein LOC108159317 isoform X1
>gi|1036976243|ref|XP_017147990.1| PREDICTED: uncharacterized protein LOC108159317 isoform X1
>gi|1036990161|ref|XP_017148852.1| PREDICTED: calmodulin [Drosophila miranda]
>gi|1036990143|ref|XP_017148851.1| PREDICTED: V-type proton ATPase subunit D 1 [Drosophila mire
>gi|1036990125|ref|XP_017148850.1| PREDICTED: golgin subfamily A member 6-like protein 22 [Dros
>gi|1036990251|ref|XP_017148858.1| PREDICTED: uncharacterized protein LOC108159803 [Drosophila
>gi|1036990179|ref|XP_017148853.1| PREDICTED: uncharacterized protein DDB_G0271670 [Drosophila
>gi|1036990215|ref|XP_017148855.1| PREDICTED: uncharacterized protein LOC108159801 isoform X2
>gi|1036990197|ref|XP 017148854.1| PREDICTED: uncharacterized protein LOC108159801 isoform X1
>gi|1036990233|ref|XP_017148857.1| PREDICTED: uncharacterized protein DDB_G0271670 [Drosophila
>gi|1036990093|ref|XP 017148848.1| PREDICTED: uncharacterized protein LOC108159796 [Drosophila
>gi|1036990111|ref|XP_017148849.1| PREDICTED: uncharacterized protein LOC108159796 [Drosophila
>gi|1037013221|ref|XP_017150246.1| PREDICTED: 40S ribosomal protein S11 [Drosophila miranda]
>gi|1036969199|ref|XP_017147558.1| PREDICTED: proteasome-associated protein ECM29 homolog [Dros
>gi|1036969215|ref|XP_017147559.1| PREDICTED: probable cytochrome P450 6t3 [Drosophila miranda]
>gi|1036969252|ref|XP_017147561.1| PREDICTED: probable cytochrome P450 6g2 [Drosophila miranda]
>gi|1036969232|ref|XP_017147560.1| PREDICTED: cytochrome P450 6g1 [Drosophila miranda]
>gi|1036969312|ref|XP_017147564.1| PREDICTED: methyltransferase-like protein 25 isoform X3 [Dref|XP_017147564.1]
>gi|1036969292|ref|XP_017147563.1| PREDICTED: methyltransferase-like protein 25 isoform X2 [Drefletten and the content of the 
>gi|1036969270|ref|XP_017147562.1| PREDICTED: methyltransferase-like protein 25 isoform X1 [Dref|XP_017147562.1]
>gi|1036969357|ref|XP_017147567.1| PREDICTED: small nuclear ribonucleoprotein F [Drosophila mi
>gi|1036969335|ref|XP_017147566.1| PREDICTED: oral cancer-overexpressed protein 1 homolog [Dros
>gi|1037006512|ref|XP_017149843.1| PREDICTED: WAS protein family homolog 1 [Drosophila miranda]
>gi|1037006575|ref|XP_017149847.1| PREDICTED: uncharacterized protein LOC108160380 [Drosophila
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>gi|1037006562|ref|XP 017149846.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1037006530|ref|XP_017149844.1| PREDICTED: plant intracellular Ras-group-related LRR protein
>gi|1037006546|ref|XP_017149845.1| PREDICTED: immune-induced peptides [Drosophila miranda]
>gi|1036993942|ref|XP_017149080.1| PREDICTED: TATA-box-binding protein [Drosophila miranda]
>gi|1036993973|ref|XP 017149082.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036993991|ref|XP_017149083.1| PREDICTED: protein stum isoform X1 [Drosophila miranda]
>gi|1036994009|ref|XP 017149084.1| PREDICTED: protein stum isoform X2 [Drosophila miranda]
>gi|1036993955|ref|XP_017149081.1| PREDICTED: dr1-associated corepressor [Drosophila miranda]
>gi|1037000253|ref|XP_017149463.1| PREDICTED: cx9C motif-containing protein 4 isoform X1 [Dros
>gi|1037000271|ref|XP_017149464.1| PREDICTED: cx9C motif-containing protein 4 isoform X2 [Dros
>gi|1037000235|ref|XP_017149462.1| PREDICTED: uncharacterized protein LOC108160157 [Drosophila
>gi|1037000289|ref|XP_017149465.1| PREDICTED: uncharacterized protein LOC108160159 [Drosophila
>gi|1037000184|ref|XP_017149459.1| PREDICTED: GPI mannosyltransferase 1 [Drosophila miranda]
>gi|1037000200|ref|XP_017149460.1| PREDICTED: uncharacterized protein LOC108160154 [Drosophila
>gi|1037000307|ref|XP_017149467.1| PREDICTED: uncharacterized protein LOC108160160 [Drosophila
>gi|1037000218|ref|XP_017149461.1| PREDICTED: uncharacterized protein LOC108160155 [Drosophila
>gi|1037009044|ref|XP_017149997.1| PREDICTED: mRNA export factor [Drosophila miranda]
>gi|1037009062|ref|XP_017149998.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplet
>gi|1037009088|ref|XP_017149999.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1036989432|ref|XP 017148806.1| PREDICTED: uncharacterized protein LOC108159760 isoform X1
>gi|1036989451|ref|XP_017148807.1| PREDICTED: uncharacterized protein LOC108159760 isoform X2
>gi|1036989467|ref|XP 017148808.1| PREDICTED: GRAM domain-containing protein 1B [Drosophila mi
>gi|1036965117|ref|XP_017147321.1| PREDICTED: uncharacterized protein LOC108158987 isoform X1
>gi|1036965137|ref|XP_017147322.1| PREDICTED: uncharacterized protein LOC108158987 isoform X2
>gi|1036965171|ref|XP_017147325.1| PREDICTED: uncharacterized protein LOC108158989 [Drosophila
>gi|1036965101|ref|XP_017147320.1| PREDICTED: protein mahjong isoform X2 [Drosophila miranda]
>gi|1036965085|ref|XP_017147319.1| PREDICTED: protein mahjong isoform X1 [Drosophila miranda]
>gi|1036965203|ref|XP_017147327.1| PREDICTED: protein TEX261 [Drosophila miranda]
>gi|1036965187|ref|XP_017147326.1| PREDICTED: ribose-5-phosphate isomerase [Drosophila miranda]
>gi|1036965153|ref|XP 017147324.1| PREDICTED: uncharacterized protein LOC108158988 [Drosophila
>gi|1037020826|ref|XP_017150720.1| PREDICTED: uncharacterized protein LOC108160942 [Drosophila
>gi|1037011301|ref|XP_017150126.1| PREDICTED: aminopeptidase N isoform X1 [Drosophila miranda]
>gi|1037011361|ref|XP 017150129.1| PREDICTED: aminopeptidase N isoform X3 [Drosophila miranda]
>gi|1037011319|ref|XP_017150127.1| PREDICTED: aminopeptidase N isoform X2 [Drosophila miranda]
>gi|1037011337|ref|XP 017150128.1| PREDICTED: aminopeptidase N isoform X2 [Drosophila miranda]
>gi|1036936485|ref|XP 017145598.1| PREDICTED: uncharacterized protein LOC108157963 [Drosophila
>gi|1037014712|ref|XP 017150335.1| PREDICTED: LOW QUALITY PROTEIN: bromodomain-containing prot
>gi|1037014678|ref|XP_017150333.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037014694|ref|XP_017150334.1| PREDICTED: zinc finger CCCH domain-containing protein 13-li
>gi|1036941734|ref|XP_017145921.1| PREDICTED: uncharacterized protein LOC108158210 [Drosophila
>gi|1037022203|ref|XP_017150803.1| PREDICTED: proteasome subunit beta type-5 [Drosophila miran-
>gi|1036936503|ref|XP_017145599.1| PREDICTED: putative odorant receptor 65c [Drosophila mirand
>gi|1036971964|ref|XP_017147723.1| PREDICTED: putative odorant receptor 65c isoform X2 [Drosop
>gi|1036971943|ref|XP_017147721.1| PREDICTED: odorant receptor 65a-like isoform X1 [Drosophila
>gi|1036971978|ref|XP_017147724.1| PREDICTED: putative odorant receptor 65c [Drosophila mirand
>gi|1036971995|ref|XP_017147725.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop:
>gi|1036972009|ref|XP_017147726.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036971915|ref|XP_017147719.1| PREDICTED: protein ORD [Drosophila miranda]
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>gi|1036971927|ref|XP_017147720.1| PREDICTED: protein ORD [Drosophila miranda]
>gi|1036972027|ref|XP_017147728.1| PREDICTED: uncharacterized protein LOC108159185 [Drosophila
>gi|1036936521|ref|XP 017145600.1| PREDICTED: uncharacterized protein LOC108157965 [Drosophila
>gi|1036971901|ref|XP_017147718.1| PREDICTED: splicing factor U2AF 50 kDa subunit [Drosophila i
>gi|1036971879|ref|XP 017147717.1| PREDICTED: uncharacterized protein LOC108159179 [Drosophila
>gi|1036943368|ref|XP_017146027.1| PREDICTED: cuticle protein 16.5 [Drosophila miranda]
>gi|1036945078|ref|XP 017146125.1| PREDICTED: uncharacterized protein LOC108158382 isoform X2
>gi|1036945060|ref|XP_017146124.1| PREDICTED: uncharacterized protein LOC108158382 isoform X1
>gi|1036943827|ref|XP_017146055.1| PREDICTED: uncharacterized protein LOC108158325 [Drosophila
>gi|1036978014|ref|XP_017148102.1| PREDICTED: uncharacterized protein LOC108159382 [Drosophila
>gi|1036978202|ref|XP_017148112.1| PREDICTED: uncharacterized protein LOC108159390 [Drosophila
>gi|1036977971|ref|XP 017148098.1| PREDICTED: facilitated trehalose transporter Tret1-like iso
>gi|1036977955|ref|XP_017148097.1| PREDICTED: facilitated trehalose transporter Tret1-like iso
>gi|1036977985|ref|XP_017148100.1| PREDICTED: facilitated trehalose transporter Tret1-like iso
>gi|1036978073|ref|XP_017148105.1| PREDICTED: glycerol-3-phosphate dehydrogenase [NAD(+)], cyt
>gi|1036977925|ref|XP 017148095.1| PREDICTED: kinesin-like protein Klp59C [Drosophila miranda]
>gi|1036936537|ref|XP_017145601.1| PREDICTED: putative gustatory receptor 59d [Drosophila mirat
>gi|1036936555|ref|XP 017145602.1| PREDICTED: putative gustatory receptor 59c [Drosophila mirat
>gi|1036978084|ref|XP_017148106.1| PREDICTED: paired mesoderm homeobox protein 2 [Drosophila m
>gi|1036978120|ref|XP 017148109.1| PREDICTED: uncharacterized protein LOC108159387 isoform X2
>gi|1036978100|ref|XP_017148108.1| PREDICTED: uncharacterized protein LOC108159387 isoform X1
>gi|1036978181|ref|XP 017148111.1| PREDICTED: neuropeptide-like protein 31 [Drosophila miranda
>gi|1036978132|ref|XP_017148110.1| PREDICTED: uncharacterized protein LOC108159388 [Drosophila
>gi|1036978030|ref|XP_017148103.1| PREDICTED: putative gustatory receptor 59b [Drosophila mirate
>gi|1036978047|ref|XP_017148104.1| PREDICTED: putative gustatory receptor 59b [Drosophila mirated
>gi|1036936572|ref|XP_017145603.1| PREDICTED: putative gustatory receptor 59b [Drosophila mirate
>gi|1036936590|ref|XP_017145604.1| PREDICTED: putative gustatory receptor 59b [Drosophila mirat
>gi|1036978216|ref|XP_017148113.1| PREDICTED: uncharacterized protein LOC108159391 [Drosophila
>gi|1036977941|ref|XP_017148096.1| PREDICTED: protein arginine N-methyltransferase 7 [Drosophi
>gi|1036977999|ref|XP 017148101.1| PREDICTED: tektin-B1 [Drosophila miranda]
>gi|1037000359|ref|XP_017149470.1| PREDICTED: rRNA 2'-O-methyltransferase fibrillarin [Drosoph
>gi|1037000325|ref|XP_017149468.1| PREDICTED: transmembrane protein 53 [Drosophila miranda]
>gi|1037000341|ref|XP_017149469.1| PREDICTED: transmembrane protein 53 [Drosophila miranda]
>gi|1036993728|ref|XP_017149064.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1036993746|ref|XP 017149065.1| PREDICTED: putative inorganic phosphate cotransporter isofo
>gi|1036993762|ref|XP_017149066.1| PREDICTED: putative inorganic phosphate cotransporter isofo
>gi|1036993712|ref|XP 017149063.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1036993676|ref|XP_017149061.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1036993694|ref|XP_017149062.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037015174|ref|XP_017150364.1| PREDICTED: probable 3-hydroxyisobutyrate dehydrogenase, mit
>gi|1037012489|ref|XP_017150198.1| PREDICTED: multiple C2 and transmembrane domain-containing
>gi|1037012473|ref|XP_017150197.1| PREDICTED: multiple C2 and transmembrane domain-containing
>gi|1037012508|ref|XP 017150199.1| PREDICTED: multiple C2 and transmembrane domain-containing
>gi|1037012522|ref|XP_017150201.1| PREDICTED: multiple C2 and transmembrane domain-containing
>gi|1037002915|ref|XP_017149619.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X
>gi|1037002939|ref|XP_017149622.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X
>gi|1037002953|ref|XP_017149623.1| PREDICTED: uncharacterized protein LOC108160262 isoform X4
>gi|1037002928|ref|XP_017149620.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X
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>gi|1037002967|ref|XP 017149624.1| PREDICTED: uncharacterized protein LOC108160262 isoform X5
>gi|1037002982|ref|XP_017149625.1| PREDICTED: uncharacterized protein LOC108160262 isoform X6
>gi|1037003017|ref|XP_017149627.1| PREDICTED: uncharacterized protein LOC108160264 [Drosophila
>gi|1037001696|ref|XP 017149551.1| PREDICTED: uncharacterized protein LOC108160214 [Drosophila
>gi|1037001713|ref|XP_017149552.1| PREDICTED: uncharacterized protein LOC108160214 [Drosophila
>gi|1037001790|ref|XP_017149557.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037001773|ref|XP_017149556.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037001844|ref|XP_017149560.1| PREDICTED: probable salivary secreted peptide [Drosophila m
>gi|1037001826|ref|XP_017149559.1| PREDICTED: histone-like protein 18C [Drosophila miranda]
>gi|1037001808|ref|XP_017149558.1| PREDICTED: histone-like protein 18C [Drosophila miranda]
>gi|1037001727|ref|XP_017149553.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1037001741|ref|XP_017149554.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1037001755|ref|XP_017149555.1| PREDICTED: LOW QUALITY PROTEIN: odorant receptor 98a-like [
>gi|1036992915|ref|XP_017149013.1| PREDICTED: vacuolar protein sorting-associated protein 51 h
>gi|1036992933|ref|XP_017149014.1| PREDICTED: transcription factor grauzone [Drosophila mirand
>gi|1036992951|ref|XP_017149015.1| PREDICTED: caspase-1-like isoform X1 [Drosophila miranda]
>gi|1036992967|ref|XP 017149016.1| PREDICTED: caspase-1-like isoform X2 [Drosophila miranda]
>gi|1036992981|ref|XP_017149018.1| PREDICTED: caspase-1-like isoform X3 [Drosophila miranda]
>gi|1036977468|ref|XP 017148068.1| PREDICTED: uncharacterized protein LOC108159356 isoform X2
>gi|1036977454|ref|XP_017148067.1| PREDICTED: uncharacterized protein LOC108159356 isoform X1
>gi|1036977482|ref|XP 017148069.1| PREDICTED: uncharacterized protein LOC108159357 [Drosophila
>gi|1036977529|ref|XP_017148073.1| PREDICTED: uncharacterized protein LOC108159360 [Drosophila
>gi|1036977498|ref|XP_017148070.1| PREDICTED: uncharacterized protein LOC108159358 [Drosophila
>gi|1036977514|ref|XP_017148071.1| PREDICTED: uncharacterized protein LOC108159359 [Drosophila
>gi|1036977567|ref|XP_017148075.1| PREDICTED: serine protease easter-like isoform X2 [Drosophi
>gi|1036977549|ref|XP_017148074.1| PREDICTED: serine protease easter-like isoform X1 [Drosophi
>gi|1036977585|ref|XP_017148076.1| PREDICTED: serine protease easter-like isoform X3 [Drosophi
>gi|1036977599|ref|XP_017148077.1| PREDICTED: coagulation factor X-like [Drosophila miranda]
>gi|1036977617|ref|XP 017148078.1| PREDICTED: uncharacterized protein LOC108159364 [Drosophila
>gi|1036947671|ref|XP_017146285.1| PREDICTED: uncharacterized protein LOC108158488 [Drosophila
>gi|1036947582|ref|XP_017146279.1| PREDICTED: UBX domain-containing protein 6 [Drosophila mirated
>gi|1036947654|ref|XP 017146284.1| PREDICTED: protein N-terminal asparagine amidohydrolase iso
>gi|1036947634|ref|XP_017146283.1| PREDICTED: protein N-terminal asparagine amidohydrolase iso
>gi|1036947500|ref|XP 017146273.1| PREDICTED: maternal protein tudor [Drosophila miranda]
>gi|1036947616|ref|XP 017146282.1| PREDICTED: asporin [Drosophila miranda]
>gi|1036947600|ref|XP 017146281.1| PREDICTED: uncharacterized protein LOC108158484 [Drosophila
>gi|1036947532|ref|XP_017146276.1| PREDICTED: glycogenin-1 isoform X2 [Drosophila miranda]
>gi|1036947516|ref|XP_017146274.1| PREDICTED: E1A-binding protein p400 isoform X1 [Drosophila i
>gi|1036947564|ref|XP_017146278.1| PREDICTED: UDP-glucuronosyltransferase 2C1 [Drosophila mirated]
>gi|1036947548|ref|XP_017146277.1| PREDICTED: UDP-glucuronosyltransferase 2B13 [Drosophila mire
>gi|1036991455|ref|XP_017148922.1| PREDICTED: apoptosis-stimulating of p53 protein 2 [Drosophi
>gi|1037015598|ref|XP 017150386.1| PREDICTED: uncharacterized protein LOC108160721 isoform X1
>gi|1037015614|ref|XP_017150387.1| PREDICTED: GTP-binding protein RAD isoform X2 [Drosophila m
>gi|1037015630|ref|XP_017150388.1| PREDICTED: uncharacterized protein LOC108160722 [Drosophila
>gi|1037015644|ref|XP_017150389.1| PREDICTED: uncharacterized protein LOC108160723 [Drosophila
>gi|1036936608|ref|XP_017145605.1| PREDICTED: glucose-6-phosphate exchanger SLC37A2 [Drosophile
>gi|1036985965|ref|XP_017148599.1| PREDICTED: probable multidrug resistance-associated protein
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>gi|1036985977|ref|XP_017148600.1| PREDICTED: ceramide-1-phosphate transfer protein [Drosophile]
>gi|1036940891|ref|XP_017145877.1| PREDICTED: uncharacterized protein LOC108158168 [Drosophila
>gi|1036967161|ref|XP_017147440.1| PREDICTED: SAGA-associated factor 29 [Drosophila miranda]
>gi|1036967207|ref|XP_017147443.1| PREDICTED: 60S ribosomal protein L29 [Drosophila miranda]
>gi|1036967139|ref|XP 017147439.1| PREDICTED: UPF0553 protein C9orf64 homolog [Drosophila mirated]
>gi|1036966936|ref|XP_017147429.1| PREDICTED: kinase D-interacting substrate of 220 kDa isoform
>gi|1036967101|ref|XP 017147437.1| PREDICTED: kinase D-interacting substrate of 220 kDa isoform
>gi|1036966991|ref|XP_017147432.1| PREDICTED: kinase D-interacting substrate of 220 kDa isoform
>gi|1036967119|ref|XP_017147438.1| PREDICTED: kinase D-interacting substrate of 220 kDa isoform
>gi|1036967187|ref|XP_017147441.1| PREDICTED: uncharacterized protein LOC108159032 [Drosophila
>gi|1036966961|ref|XP_017147430.1| PREDICTED: kinase D-interacting substrate of 220 kDa isoform
>gi|1036967042|ref|XP 017147434.1| PREDICTED: kinase D-interacting substrate of 220 kDa isoform
>gi|1036967060|ref|XP_017147435.1| PREDICTED: kinase D-interacting substrate of 220 kDa isoform
>gi|1036967024|ref|XP_017147433.1| PREDICTED: kinase D-interacting substrate of 220 kDa isoform
>gi|1036966975|ref|XP_017147431.1| PREDICTED: kinase D-interacting substrate of 220 kDa isoform
>gi|1036967082|ref|XP_017147436.1| PREDICTED: kinase D-interacting substrate of 220 kDa isoform
>gi|1036968251|ref|XP_017147502.1| PREDICTED: glycogen debranching enzyme [Drosophila miranda]
>gi|1036968391|ref|XP 017147511.1| PREDICTED: uncharacterized protein LOC108159072 [Drosophila
>gi|1036968269|ref|XP_017147503.1| PREDICTED: putative sodium-coupled neutral amino acid trans
>gi|1036968283|ref|XP 017147504.1| PREDICTED: putative sodium-coupled neutral amino acid trans
>gi|1036968403|ref|XP_017147512.1| PREDICTED: 40S ribosomal protein S15 [Drosophila miranda]
>gi|1036968357|ref|XP 017147508.1| PREDICTED: serine/threonine-protein kinase SBK1 isoform X2
>gi|1036968375|ref|XP_017147509.1| PREDICTED: sperm motility kinase isoform X3 [Drosophila mire
>gi|1036968319|ref|XP_017147506.1| PREDICTED: sperm motility kinase isoform X1 [Drosophila mire
>gi|1036968339|ref|XP_017147507.1| PREDICTED: sperm motility kinase isoform X1 [Drosophila mire
>gi|1036968301|ref|XP_017147505.1| PREDICTED: sodium-dependent dopamine transporter [Drosophile
>gi|1037021406|ref|XP_017150755.1| PREDICTED: gamma-1-syntrophin [Drosophila miranda]
>gi|1036978243|ref|XP_017148116.1| PREDICTED: semaphorin-2A isoform X2 [Drosophila miranda]
>gi|1036978230|ref|XP_017148115.1| PREDICTED: semaphorin-2A isoform X1 [Drosophila miranda]
>gi|1036978256|ref|XP_017148117.1| PREDICTED: axoneme-associated protein mst101(2) [Drosophila
>gi|1036978271|ref|XP_017148118.1| PREDICTED: cytosol aminopeptidase [Drosophila miranda]
>gi|1036978283|ref|XP_017148119.1| PREDICTED: chymotrypsin-C-like [Drosophila miranda]
>gi|1036978301|ref|XP 017148120.1| PREDICTED: uncharacterized protein LOC108159396 [Drosophila
>gi|1036941079|ref|XP_017145884.1| PREDICTED: accessory gland protein Acp29AB-like [Drosophila
>gi|1037022358|ref|XP 017150812.1| PREDICTED: proton-coupled amino acid transporter 1-like iso
>gi|1037022394|ref|XP_017150815.1| PREDICTED: proton-coupled amino acid transporter 1-like iso
>gi|1037022376|ref|XP 017150814.1| PREDICTED: proton-coupled amino acid transporter 1-like iso
>gi|1036942259|ref|XP_017145957.1| PREDICTED: uncharacterized protein LOC108158236 [Drosophila
>gi|1037002670|ref|XP_017149611.1| PREDICTED: uncharacterized protein LOC108160256 [Drosophila
>gi|1037002652|ref|XP_017149610.1| PREDICTED: NADP-dependent malic enzyme [Drosophila miranda]
>gi|1037002786|ref|XP_017149612.1| PREDICTED: uncharacterized protein LOC108160257 [Drosophila
>gi|1037002846|ref|XP_017149614.1| PREDICTED: semaphorin-2A isoform X2 [Drosophila miranda]
>gi|1037002808|ref|XP_017149613.1| PREDICTED: semaphorin-2A isoform X1 [Drosophila miranda]
>gi|1037002864|ref|XP_017149615.1| PREDICTED: semaphorin-2A isoform X3 [Drosophila miranda]
>gi|1037002881|ref|XP_017149617.1| PREDICTED: NADP-dependent malic enzyme [Drosophila miranda]
>gi|1037002896|ref|XP_017149618.1| PREDICTED: NADP-dependent malic enzyme-like [Drosophila mire
>gi|1036943076|ref|XP_017146009.1| PREDICTED: uncharacterized protein LOC108158282 isoform X2
>gi|1036943040|ref|XP_017146007.1| PREDICTED: uncharacterized protein LOC108158282 isoform X1
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>gi|1036943058|ref|XP_017146008.1| PREDICTED: uncharacterized protein LOC108158282 isoform X1
>gi|1037015348|ref|XP_017150375.1| PREDICTED: uncharacterized protein LOC108160713 isoform X1
>gi|1037015382|ref|XP_017150377.1| PREDICTED: uncharacterized protein LOC108160713 isoform X3
>gi|1037015366|ref|XP_017150376.1| PREDICTED: uncharacterized protein LOC108160713 isoform X2
>gi|1036942439|ref|XP 017145969.1| PREDICTED: uncharacterized protein LOC108158246 [Drosophila
>gi|1036936626|ref|XP_017145607.1| PREDICTED: uncharacterized protein LOC108157972 [Drosophila
>gi|1036957478|ref|XP 017146877.1| PREDICTED: U3 small nucleolar RNA-associated protein 18 home
>gi|1036957604|ref|XP_017146885.1| PREDICTED: nuclear pore glycoprotein p62 [Drosophila mirand
>gi|1036957538|ref|XP_017146881.1| PREDICTED: alpha-N-acetylgalactosaminidase [Drosophila mirates]
>gi|1036957560|ref|XP_017146883.1| PREDICTED: alpha-N-acetylgalactosaminidase [Drosophila mirated]
>gi|1036957574|ref|XP_017146884.1| PREDICTED: alpha-N-acetylgalactosaminidase [Drosophila mirated]
>gi|1036957490|ref|XP_017146878.1| PREDICTED: hydroxymethylglutaryl-CoA synthase 1 [Drosophila
>gi|1036957506|ref|XP_017146879.1| PREDICTED: hydroxymethylglutaryl-CoA synthase 1 [Drosophila
>gi|1036957523|ref|XP_017146880.1| PREDICTED: hydroxymethylglutaryl-CoA synthase 1 [Drosophila
>gi|1036957446|ref|XP_017146875.1| PREDICTED: V-type proton ATPase subunit C isoform X3 [Droso
>gi|1036957464|ref|XP_017146876.1| PREDICTED: V-type proton ATPase subunit C isoform X4 [Droso
>gi|1036957400|ref|XP_017146873.1| PREDICTED: V-type proton ATPase subunit C isoform X1 [Droso
>gi|1036957417|ref|XP_017146874.1| PREDICTED: V-type proton ATPase subunit C isoform X2 [Droso
>gi|1036957383|ref|XP_017146872.1| PREDICTED: transcription factor grauzone [Drosophila mirand
>gi|1036957620|ref|XP 017146886.1| PREDICTED: uncharacterized protein LOC108158770 [Drosophila
>gi|1036999247|ref|XP_017149405.1| PREDICTED: inhibitor of Bruton tyrosine kinase [Drosophila i
>gi|1036999229|ref|XP 017149404.1| PREDICTED: NADPH oxidase 5 isoform X2 [Drosophila miranda]
>gi|1036999195|ref|XP_017149403.1| PREDICTED: uncharacterized protein LOC108160121 isoform X1
>gi|1036970381|ref|XP_017147630.1| PREDICTED: autophagy-related protein 9A [Drosophila miranda
>gi|1036970399|ref|XP_017147631.1| PREDICTED: peptidyl-prolyl cis-trans isomerase-like 2 [Dros
>gi|1036970526|ref|XP_017147639.1| PREDICTED: probable peptide chain release factor C12orf65 h
>gi|1036970545|ref|XP_017147641.1| PREDICTED: uncharacterized protein LOC108159154 [Drosophila
>gi|1036970435|ref|XP_017147634.1| PREDICTED: uncharacterized protein LOC108159148 [Drosophila
>gi|1036970417|ref|XP_017147633.1| PREDICTED: uncharacterized protein LOC108159147 [Drosophila
>gi|1036970490|ref|XP_017147637.1| PREDICTED: uncharacterized protein LOC108159151 [Drosophila
>gi|1036970508|ref|XP_017147638.1| PREDICTED: uncharacterized protein LOC108159152 [Drosophila
>gi|1036970453|ref|XP_017147635.1| PREDICTED: isocitrate dehydrogenase [NAD] subunit gamma, mi
>gi|1036970564|ref|XP_017147642.1| PREDICTED: uncharacterized protein LOC108159155 [Drosophila
>gi|1036970473|ref|XP_017147636.1| PREDICTED: protein atonal homolog 1 [Drosophila miranda]
>gi|1036970343|ref|XP 017147628.1| PREDICTED: uncharacterized protein LOC108159143 isoform X1
>gi|1036970361|ref|XP_017147629.1| PREDICTED: uncharacterized protein LOC108159143 isoform X2
>gi|1036936644|ref|XP 017145608.1| PREDICTED: uncharacterized protein LOC108157973 [Drosophila
>gi|1036975020|ref|XP_017147917.1| PREDICTED: kinesin heavy chain [Drosophila miranda]
>gi|1036975081|ref|XP_017147919.1| PREDICTED: LOW QUALITY PROTEIN: protein arginine N-methyltra
>gi|1036975061|ref|XP_017147918.1| PREDICTED: coiled-coil domain-containing protein 93 [Drosop
>gi|1036936662|ref|XP_017145609.1| PREDICTED: coiled-coil domain-containing protein 93-like [Di
>gi|1037019511|ref|XP_017150634.1| PREDICTED: cyclic nucleotide-gated cation channel subunit A
>gi|1037019528|ref|XP_017150636.1| PREDICTED: cyclic nucleotide-gated cation channel subunit A
>gi|1037019545|ref|XP_017150637.1| PREDICTED: cyclic nucleotide-gated cation channel subunit A
>gi|1037000621|ref|XP_017149485.1| PREDICTED: uncharacterized protein LOC108160172 [Drosophila
>gi|1037000666|ref|XP_017149488.1| PREDICTED: uncharacterized protein LOC108160175 [Drosophila
>gi|1037000803|ref|XP_017149499.1| PREDICTED: uncharacterized protein LOC108160183 [Drosophila
>gi|1037000648|ref|XP_017149487.1| PREDICTED: uncharacterized protein LOC108160174 [Drosophila
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>gi|1037000612|ref|XP_017149484.1| PREDICTED: probable cytochrome P450 6d2 [Drosophila miranda]
>gi|1037000697|ref|XP_017149490.1| PREDICTED: uncharacterized protein LOC108160178 [Drosophila
>gi|1037000785|ref|XP_017149498.1| PREDICTED: uncharacterized protein LOC108160182 isoform X2
>gi|1037000768|ref|XP 017149497.1| PREDICTED: uncharacterized protein LOC108160182 isoform X1
>gi|1037000683|ref|XP_017149489.1| PREDICTED: uncharacterized protein LOC108160176 [Drosophila
>gi|1037000754|ref|XP_017149496.1| PREDICTED: lipopolysaccharide-induced tumor necrosis factor
>gi|1037000740|ref|XP_017149495.1| PREDICTED: lipopolysaccharide-induced tumor necrosis factor
>gi|1037000710|ref|XP_017149491.1| PREDICTED: cell death-inducing p53-target protein 1 homolog
>gi|1037000724|ref|XP_017149492.1| PREDICTED: cell death-inducing p53-target protein 1 homolog
>gi|1037009442|ref|XP_017150021.1| PREDICTED: lipopolysaccharide-induced tumor necrosis factor
>gi|1036936680|ref|XP_017145610.1| PREDICTED: lipopolysaccharide-induced tumor necrosis factor
>gi|1037009424|ref|XP_017150020.1| PREDICTED: lipopolysaccharide-induced tumor necrosis factor
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>gi|1037009389|ref|XP_017150018.1| PREDICTED: lipopolysaccharide-induced tumor necrosis factor
>gi|1037009372|ref|XP_017150017.1| PREDICTED: lipopolysaccharide-induced tumor necrosis factor
>gi|1037013368|ref|XP_017150253.1| PREDICTED: YY1-associated factor 2 [Drosophila miranda]
>gi|1036950673|ref|XP_017146475.1| PREDICTED: F-box/LRR-repeat protein 14 [Drosophila miranda]
>gi|1036950844|ref|XP_017146486.1| PREDICTED: roundabout homolog 2 isoform X3 [Drosophila mirated
>gi|1036950831|ref|XP 017146485.1| PREDICTED: protein sax-3 isoform X2 [Drosophila miranda]
>gi|1036950781|ref|XP_017146482.1| PREDICTED: roundabout homolog 2 isoform X1 [Drosophila mirated
>gi|1036950797|ref|XP 017146483.1| PREDICTED: roundabout homolog 2 isoform X1 [Drosophila mirated
>gi|1036950815|ref|XP_017146484.1| PREDICTED: roundabout homolog 2 isoform X1 [Drosophila mirated
>gi|1036950928|ref|XP_017146491.1| PREDICTED: coiled-coil domain-containing protein 65 [Drosop
>gi|1036950946|ref|XP_017146492.1| PREDICTED: general odorant-binding protein 71 [Drosophila m
>gi|1036950981|ref|XP_017146494.1| PREDICTED: general odorant-binding protein 68 [Drosophila m
>gi|1036950999|ref|XP_017146496.1| PREDICTED: uncharacterized protein LOC108158571 [Drosophila
>gi|1036950964|ref|XP_017146493.1| PREDICTED: uncharacterized protein LOC108158569 [Drosophila
>gi|1036950859|ref|XP_017146488.1| PREDICTED: cilia- and flagella-associated protein 61 isoform
>gi|1036950877|ref|XP_017146489.1| PREDICTED: cilia- and flagella-associated protein 61 isoform
>gi|1036950910|ref|XP_017146490.1| PREDICTED: cilia- and flagella-associated protein 61 [Droso
>gi|1036950728|ref|XP_017146479.1| PREDICTED: filamin-B isoform X2 [Drosophila miranda]
>gi|1036950692|ref|XP_017146476.1| PREDICTED: filamin-B isoform X1 [Drosophila miranda]
>gi|1036950710|ref|XP_017146478.1| PREDICTED: filamin-B isoform X1 [Drosophila miranda]
>gi|1036950747|ref|XP 017146480.1| PREDICTED: filamin-C isoform X3 [Drosophila miranda]
>gi|1036950764|ref|XP_017146481.1| PREDICTED: filamin-A isoform X4 [Drosophila miranda]
>gi|1037013566|ref|XP_017150265.1| PREDICTED: cyclic nucleotide-gated cation channel beta-1 is
>gi|1037013548|ref|XP_017150264.1| PREDICTED: cyclic nucleotide-gated cation channel beta-1 is
>gi|1037013584|ref|XP_017150266.1| PREDICTED: chymotrypsin-2 [Drosophila miranda]
>gi|1037013636|ref|XP_017150269.1| PREDICTED: uncharacterized protein LOC108160648 [Drosophila
>gi|1037013600|ref|XP_017150267.1| PREDICTED: uncharacterized protein LOC108160645 [Drosophila
>gi|1037013618|ref|XP_017150268.1| PREDICTED: uncharacterized protein LOC108160646 [Drosophila
>gi|1037006159|ref|XP_017149819.1| PREDICTED: ATP synthase subunit alpha, mitochondrial [Droso
>gi|1037001018|ref|XP_017149507.1| PREDICTED: G2/mitotic-specific cyclin-B isoform X2 [Drosoph
>gi|1037001000|ref|XP_017149506.1| PREDICTED: G2/mitotic-specific cyclin-B isoform X1 [Drosoph
>gi|1037018218|ref|XP_017150549.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
>gi|1037018229|ref|XP_017150550.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
>gi|1037018242|ref|XP_017150551.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
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>gi|1037018965|ref|XP_017150601.1| PREDICTED: uncharacterized protein LOC108160854 isoform X1
>gi|1037018981|ref|XP_017150602.1| PREDICTED: high mobility group nucleosome-binding domain-companies and second companies of the companies of
>gi|1037019012|ref|XP_017150604.1| PREDICTED: uncharacterized protein LOC108160854 isoform X4
>gi|1037018995|ref|XP_017150603.1| PREDICTED: uncharacterized protein LOC108160854 isoform X3
>gi|1037019029|ref|XP_017150605.1| PREDICTED: arginine kinase-like isoform X5 [Drosophila mirate
>gi|1037016835|ref|XP_017150459.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1036941804|ref|XP_017145926.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1036990407|ref|XP_017148868.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1036990424|ref|XP_017148869.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1036990391|ref|XP_017148867.1| PREDICTED: spatacsin [Drosophila miranda]
>gi|1036982431|ref|XP_017148378.1| PREDICTED: protein Shroom isoform X1 [Drosophila miranda]
>gi|1036982445|ref|XP 017148379.1| PREDICTED: protein Shroom isoform X2 [Drosophila miranda]
>gi|1036982459|ref|XP_017148380.1| PREDICTED: protein Shroom isoform X3 [Drosophila miranda]
>gi|1037014626|ref|XP_017150330.1| PREDICTED: PRKR-interacting protein 1 homolog [Drosophila m
>gi|1036959468|ref|XP_017146994.1| PREDICTED: lissencephaly-1 homolog [Drosophila miranda]
>gi|1036959584|ref|XP_017147000.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1036959514|ref|XP_017146995.1| PREDICTED: phosphatidylinositol phosphatase PTPRQ [Drosophi
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>gi|1036959548|ref|XP_017146997.1| PREDICTED: phosphatidylinositol phosphatase PTPRQ [Drosophi
>gi|1036959602|ref|XP 017147001.1| PREDICTED: coiled-coil domain-containing protein 94 [Drosop
>gi|1036959566|ref|XP_017146998.1| PREDICTED: leucine-rich repeats and immunoglobulin-like dom
>gi|1036984261|ref|XP 017148491.1| PREDICTED: ATP synthase subunit s, mitochondrial [Drosophile
>gi|1036984227|ref|XP_017148489.1| PREDICTED: exostosin-2 [Drosophila miranda]
>gi|1036984211|ref|XP_017148488.1| PREDICTED: cysteine--tRNA ligase, cytoplasmic [Drosophila m
>gi|1036984245|ref|XP_017148490.1| PREDICTED: alpha N-terminal protein methyltransferase 1 [Dr
>gi|1036984279|ref|XP_017148492.1| PREDICTED: uncharacterized protein LOC108159566 [Drosophila
>gi|1037017270|ref|XP_017150489.1| PREDICTED: zinc finger protein 423 homolog isoform X1 [Dros
>gi|1037017289|ref|XP_017150490.1| PREDICTED: zinc finger protein 423 homolog isoform X2 [Dros
>gi|1037017302|ref|XP_017150491.1| PREDICTED: zinc finger protein 423 homolog isoform X3 [Dros
>gi|1037008679|ref|XP_017149974.1| PREDICTED: protein phyllopod [Drosophila miranda]
>gi|1037018798|ref|XP_017150589.1| PREDICTED: uncharacterized protein LOC108160845 [Drosophila
>gi|1037006971|ref|XP_017149872.1| PREDICTED: stress-activated map kinase-interacting protein
>gi|1037006987|ref|XP 017149873.1| PREDICTED: zinc finger protein 271 [Drosophila miranda]
>gi|1036942385|ref|XP_017145965.1| PREDICTED: lysosomal aspartic protease [Drosophila miranda]
>gi|1036942087|ref|XP 017145946.1| PREDICTED: diuretic hormone receptor [Drosophila miranda]
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>gi|1037006706|ref|XP_017149854.1| PREDICTED: uncharacterized protein LOC108160384 isoform X2
>gi|1037006688|ref|XP_017149853.1| PREDICTED: uncharacterized protein LOC108160384 isoform X1
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>gi|1037006674|ref|XP_017149852.1| PREDICTED: uncharacterized protein LOC108160383 isoform X2
>gi|1037006607|ref|XP_017149848.1| PREDICTED: general transcription factor IIH subunit 1 [Dros
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>gi|1037006622|ref|XP_017149849.1| PREDICTED: general transcription factor IIH subunit 1 [Dros
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>gi|1037017648|ref|XP_017150512.1| PREDICTED: uncharacterized protein LOC108160802 [Drosophila
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>gi|1037004766|ref|XP_017149728.1| PREDICTED: uncharacterized protein LOC108160315 isoform X2
>gi|1037004714|ref|XP_017149724.1| PREDICTED: spermatogenesis-associated protein 20 isoform X1
>gi|1037004732|ref|XP_017149726.1| PREDICTED: spermatogenesis-associated protein 20 isoform X2
>gi|1036979919|ref|XP_017148222.1| PREDICTED: protein clueless isoform X1 [Drosophila miranda]
>gi|1036979935|ref|XP_017148224.1| PREDICTED: protein clueless isoform X2 [Drosophila miranda]
>gi|1036979950|ref|XP_017148225.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase calypso [Di
>gi|1036979962|ref|XP_017148226.1| PREDICTED: uncharacterized protein LOC108159447 isoform X1
>gi|1036979977|ref|XP_017148227.1| PREDICTED: uncharacterized protein LOC108159447 isoform X1
>gi|1036979990|ref|XP_017148228.1| PREDICTED: uncharacterized protein LOC108159447 isoform X2
>gi|1036991930|ref|XP_017148952.1| PREDICTED: uncharacterized protein LOC108159862 [Drosophila
>gi|1036991912|ref|XP_017148949.1| PREDICTED: lipoyltransferase 1, mitochondrial [Drosophila m
>gi|1036991896|ref|XP_017148948.1| PREDICTED: tyrosine-protein kinase shark [Drosophila mirand
>gi|1036995322|ref|XP_017149164.1| PREDICTED: dnaJ homolog subfamily B member 6 isoform X1 [Dreflection of the content of the 
>gi|1036995340|ref|XP_017149165.1| PREDICTED: dnaJ homolog subfamily B member 6 isoform X1 [Dr
>gi|1036995354|ref|XP 017149166.1| PREDICTED: dnaJ homolog subfamily B member 6 isoform X1 [Dref|XP 017149166.1]
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>gi|1037016044|ref|XP_017150411.1| PREDICTED: protein quiver isoform X2 [Drosophila miranda]
>gi|1037016026|ref|XP_017150410.1| PREDICTED: protein quiver isoform X1 [Drosophila miranda]
>gi|1037016062|ref|XP_017150412.1| PREDICTED: protein quiver isoform X3 [Drosophila miranda]
>gi|1037016078|ref|XP_017150413.1| PREDICTED: protein quiver isoform X4 [Drosophila miranda]
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>gi|1037004696|ref|XP_017149723.1| PREDICTED: serine/threonine-protein kinase polo [Drosophila
>gi|1036965763|ref|XP 017147361.1| PREDICTED: bromodomain adjacent to zinc finger domain prote
>gi|1036965651|ref|XP_017147355.1| PREDICTED: uncharacterized protein LOC108159002 isoform X1
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>gi|1036987482|ref|XP_017148690.1| PREDICTED: protein FAM214A [Drosophila miranda]
>gi|1036987500|ref|XP_017148691.1| PREDICTED: protein FAM214A [Drosophila miranda]
>gi|1036998489|ref|XP_017149362.1| PREDICTED: F-box/LRR-repeat protein 20 isoform X3 [Drosophi
>gi|1036998507|ref|XP_017149363.1| PREDICTED: F-box/LRR-repeat protein 20 isoform X4 [Drosophi
>gi|1036998471|ref|XP_017149361.1| PREDICTED: F-box/LRR-repeat protein 20 isoform X2 [Drosophi
>gi|1036998455|ref|XP_017149360.1| PREDICTED: F-box/LRR-repeat protein 20 isoform X1 [Drosophi
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>gi|1036996910|ref|XP_017149262.1| PREDICTED: small integral membrane protein 12-A [Drosophila
>gi|1036996876|ref|XP_017149260.1| PREDICTED: RING-box protein 2 isoform X1 [Drosophila mirand
>gi|1036996928|ref|XP_017149264.1| PREDICTED: uncharacterized protein LOC108160034 [Drosophila
>gi|1036996893|ref|XP_017149261.1| PREDICTED: RING-box protein 2 isoform X2 [Drosophila mirand
>gi|1036996845|ref|XP 017149258.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1036996861|ref|XP_017149259.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
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>gi|1037019185|ref|XP_017150615.1| PREDICTED: probable serine/threonine-protein kinase kinX [Di
>gi|1036988133|ref|XP_017148727.1| PREDICTED: proteasome subunit alpha type-5 [Drosophila mirated
>gi|1036988151|ref|XP_017148728.1| PREDICTED: proteasome subunit alpha type-5 [Drosophila mirated
>gi|1036988119|ref|XP_017148726.1| PREDICTED: uncharacterized protein LOC108159717 [Drosophila
>gi|1036994567|ref|XP_017149117.1| PREDICTED: uridine-cytidine kinase-like 1 isoform X3 [Droso
>gi|1036994552|ref|XP_017149116.1| PREDICTED: uridine-cytidine kinase-like 1 isoform X2 [Droso
>gi|1036994534|ref|XP_017149114.1| PREDICTED: uridine-cytidine kinase-like 1 isoform X1 [Droso
>gi|1036994588|ref|XP_017149118.1| PREDICTED: threonylcarbamoyladenosine tRNA methylthiotransf
>gi|1036975709|ref|XP_017147958.1| PREDICTED: S-methyl-5'-thioadenosine phosphorylase [Drosoph
>gi|1036975673|ref|XP_017147955.1| PREDICTED: actin-like protein 6B [Drosophila miranda]
>gi|1036975691|ref|XP_017147956.1| PREDICTED: uncharacterized protein LOC108159298 [Drosophila
>gi|1036975655|ref|XP_017147954.1| PREDICTED: myotubularin-related protein 14 [Drosophila mirated protein protein 14 [Drosophila mirated protein p
>gi|1036975727|ref|XP 017147959.1| PREDICTED: glucose-induced degradation protein 8 homolog [Di
>gi|1037019729|ref|XP_017150649.1| PREDICTED: dynein light chain roadblock-type 1 [Drosophila i
>gi|1037019766|ref|XP 017150650.1| PREDICTED: dynein light chain roadblock-type 2 [Drosophila 1
>gi|1036965964|ref|XP_017147373.1| PREDICTED: protein MTL1 [Drosophila miranda]
>gi|1036965944|ref|XP_017147372.1| PREDICTED: uncharacterized protein LOC108159009 [Drosophila
>gi|1037006256|ref|XP_017149825.1| PREDICTED: LOW QUALITY PROTEIN: probable WRKY transcription
>gi|1037003094|ref|XP_017149632.1| PREDICTED: RNA polymerase II degradation factor 1 [Drosophi
>gi|1037003033|ref|XP_017149628.1| PREDICTED: protein 5NUC [Drosophila miranda]
>gi|1037003050|ref|XP_017149629.1| PREDICTED: protein 5NUC [Drosophila miranda]
>gi|1037003064|ref|XP_017149630.1| PREDICTED: protein 5NUC [Drosophila miranda]
>gi|1037003077|ref|XP_017149631.1| PREDICTED: protein 5NUC [Drosophila miranda]
>gi|1037012648|ref|XP_017150209.1| PREDICTED: uncharacterized protein LOC108160609 isoform X1
>gi|1037012666|ref|XP_017150210.1| PREDICTED: uncharacterized protein LOC108160609 isoform X2
>gi|1037012698|ref|XP 017150212.1| PREDICTED: uncharacterized protein LOC108160609 isoform X4
>gi|1037012684|ref|XP_017150211.1| PREDICTED: serine-aspartate repeat-containing protein I iso
>gi|1036943973|ref|XP 017146063.1| PREDICTED: uncharacterized protein LOC108158334 [Drosophila
>gi|1037020613|ref|XP_017150705.1| PREDICTED: cathepsin L1 isoform X1 [Drosophila miranda]
>gi|1037020627|ref|XP 017150706.1| PREDICTED: cathepsin L1 isoform X2 [Drosophila miranda]
>gi|1036966718|ref|XP_017147419.1| PREDICTED: ras-GEF domain-containing family member 1B-B [Dref|XP_017147419.1]
>gi|1036966737|ref|XP_017147420.1| PREDICTED: LOW QUALITY PROTEIN: anaphase-promoting complex
>gi|1036966755|ref|XP_017147421.1| PREDICTED: U3 small nucleolar ribonucleoprotein protein IMP
>gi|1036966700|ref|XP_017147418.1| PREDICTED: patronin isoform X37 [Drosophila miranda]
>gi|1036966676|ref|XP_017147417.1| PREDICTED: patronin isoform X36 [Drosophila miranda]
>gi|1036966640|ref|XP_017147415.1| PREDICTED: patronin isoform X34 [Drosophila miranda]
>gi|1036966450|ref|XP_017147402.1| PREDICTED: patronin isoform X22 [Drosophila miranda]
>gi|1036966626|ref|XP_017147414.1| PREDICTED: patronin isoform X33 [Drosophila miranda]
>gi|1036966658|ref|XP_017147416.1| PREDICTED: patronin isoform X35 [Drosophila miranda]
>gi|1036966285|ref|XP_017147393.1| PREDICTED: patronin isoform X13 [Drosophila miranda]
>gi|1036966267|ref|XP_017147392.1| PREDICTED: patronin isoform X12 [Drosophila miranda]
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>gi|1036966612|ref|XP_017147413.1| PREDICTED: patronin isoform X32 [Drosophila miranda]
>gi|1036966465|ref|XP_017147403.1| PREDICTED: patronin isoform X23 [Drosophila miranda]
>gi|1036966557|ref|XP_017147410.1| PREDICTED: patronin isoform X29 [Drosophila miranda]
>gi|1036966340|ref|XP_017147396.1| PREDICTED: patronin isoform X16 [Drosophila miranda]
>gi|1036966376|ref|XP 017147398.1| PREDICTED: patronin isoform X18 [Drosophila miranda]
>gi|1036966358|ref|XP_017147397.1| PREDICTED: patronin isoform X17 [Drosophila miranda]
>gi|1036966144|ref|XP 017147384.1| PREDICTED: patronin isoform X5 [Drosophila miranda]
>gi|1036966126|ref|XP_017147383.1| PREDICTED: patronin isoform X4 [Drosophila miranda]
>gi|1036966396|ref|XP_017147399.1| PREDICTED: patronin isoform X19 [Drosophila miranda]
>gi|1036966253|ref|XP_017147390.1| PREDICTED: patronin isoform X11 [Drosophila miranda]
>gi|1036966090|ref|XP_017147381.1| PREDICTED: patronin isoform X2 [Drosophila miranda]
>gi|1036966596|ref|XP_017147412.1| PREDICTED: patronin isoform X31 [Drosophila miranda]
>gi|1036966578|ref|XP_017147411.1| PREDICTED: patronin isoform X30 [Drosophila miranda]
>gi|1036966431|ref|XP_017147401.1| PREDICTED: patronin isoform X21 [Drosophila miranda]
>gi|1036966542|ref|XP_017147409.1| PREDICTED: patronin isoform X28 [Drosophila miranda]
>gi|1036966414|ref|XP_017147400.1| PREDICTED: patronin isoform X20 [Drosophila miranda]
>gi|1036966235|ref|XP_017147389.1| PREDICTED: patronin isoform X10 [Drosophila miranda]
>gi|1036966529|ref|XP_017147408.1| PREDICTED: patronin isoform X27 [Drosophila miranda]
>gi|1036966179|ref|XP_017147386.1| PREDICTED: patronin isoform X7 [Drosophila miranda]
>gi|1036966516|ref|XP 017147406.1| PREDICTED: patronin isoform X26 [Drosophila miranda]
>gi|1036966498|ref|XP_017147405.1| PREDICTED: patronin isoform X25 [Drosophila miranda]
>gi|1036966306|ref|XP 017147394.1| PREDICTED: patronin isoform X14 [Drosophila miranda]
>gi|1036966161|ref|XP_017147385.1| PREDICTED: patronin isoform X6 [Drosophila miranda]
>gi|1036966482|ref|XP 017147404.1| PREDICTED: patronin isoform X24 [Drosophila miranda]
>gi|1036966323|ref|XP_017147395.1| PREDICTED: patronin isoform X15 [Drosophila miranda]
>gi|1036966217|ref|XP_017147388.1| PREDICTED: patronin isoform X9 [Drosophila miranda]
>gi|1036966108|ref|XP_017147382.1| PREDICTED: patronin isoform X3 [Drosophila miranda]
>gi|1036966199|ref|XP_017147387.1| PREDICTED: patronin isoform X8 [Drosophila miranda]
>gi|1036966072|ref|XP_017147380.1| PREDICTED: patronin isoform X1 [Drosophila miranda]
>gi|1037001527|ref|XP 017149540.1| PREDICTED: uncharacterized protein LOC108160208 isoform X1
>gi|1037001547|ref|XP_017149541.1| PREDICTED: uncharacterized protein LOC108160208 isoform X2
>gi|1037001473|ref|XP_017149537.1| PREDICTED: transcription factor collier isoform X6 [Drosoph
>gi|1037001439|ref|XP_017149534.1| PREDICTED: transcription factor collier isoform X4 [Drosoph
>gi|1037001509|ref|XP_017149539.1| PREDICTED: transcription factor collier isoform X8 [Drosoph
>gi|1037001425|ref|XP 017149533.1| PREDICTED: transcription factor collier isoform X3 [Drosoph
>gi|1037001455|ref|XP_017149536.1| PREDICTED: transcription factor collier isoform X5 [Drosoph
>gi|1037001413|ref|XP 017149532.1| PREDICTED: transcription factor collier isoform X2 [Drosoph
>gi|1037001397|ref|XP_017149531.1| PREDICTED: transcription factor collier isoform X1 [Drosoph
>gi|1037001491|ref|XP_017149538.1| PREDICTED: transcription factor collier isoform X7 [Drosoph
>gi|1036943164|ref|XP_017146014.1| PREDICTED: extracellular glycosidase CRH11 [Drosophila mirated
>gi|1037021286|ref|XP_017150747.1| PREDICTED: phosphoglucomutase-2 [Drosophila miranda]
>gi|1036941837|ref|XP_017145928.1| PREDICTED: uncharacterized protein LOC108158216 isoform X1
>gi|1036941853|ref|XP 017145929.1| PREDICTED: uncharacterized protein LOC108158216 isoform X2
>gi|1036974123|ref|XP_017147860.1| PREDICTED: sialin [Drosophila miranda]
>gi|1036974141|ref|XP_017147861.1| PREDICTED: hormone receptor 4 [Drosophila miranda]
>gi|1036974105|ref|XP_017147859.1| PREDICTED: structural maintenance of chromosomes protein 2
>gi|1037004923|ref|XP_017149738.1| PREDICTED: esterase B1 [Drosophila miranda]
>gi|1037004939|ref|XP_017149739.1| PREDICTED: actin-related protein 4-like isoform X1 [Drosoph
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>gi|1037004973|ref|XP_017149741.1| PREDICTED: actin-like protein 6B isoform X3 [Drosophila mire
>gi|1037004957|ref|XP_017149740.1| PREDICTED: actin-related protein 4-like isoform X2 [Drosoph
>gi|1037004990|ref|XP_017149742.1| PREDICTED: actin-related protein 4-like isoform X1 [Drosoph
>gi|1037005026|ref|XP_017149744.1| PREDICTED: actin-like protein 6B isoform X3 [Drosophila mire
>gi|1037005008|ref|XP_017149743.1| PREDICTED: actin-related protein 4-like isoform X2 [Drosoph
>gi|1036970103|ref|XP_017147614.1| PREDICTED: uncharacterized protein LOC108159131 [Drosophila
>gi|1036970124|ref|XP 017147615.1| PREDICTED: uncharacterized protein LOC108159132 [Drosophila
>gi|1036970162|ref|XP_017147617.1| PREDICTED: uncharacterized protein LOC108159134 [Drosophila
>gi|1036970180|ref|XP_017147618.1| PREDICTED: ATPase inhibitor A, mitochondrial [Drosophila mi
>gi|1036970144|ref|XP_017147616.1| PREDICTED: 5-formyltetrahydrofolate cyclo-ligase [Drosophile
>gi|1036970069|ref|XP_017147611.1| PREDICTED: protein virilizer isoform X1 [Drosophila miranda]
>gi|1036970085|ref|XP_017147612.1| PREDICTED: protein virilizer isoform X2 [Drosophila miranda]
>gi|1036975481|ref|XP_017147945.1| PREDICTED: ataxin-2 homolog [Drosophila miranda]
>gi|1036975447|ref|XP_017147942.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036975465|ref|XP_017147943.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036987518|ref|XP_017148692.1| PREDICTED: polycomb protein Asx [Drosophila miranda]
>gi|1037020454|ref|XP_017150694.1| PREDICTED: cuticle protein 21 [Drosophila miranda]
>gi|1037020483|ref|XP_017150695.1| PREDICTED: uncharacterized protein LOC108160923 [Drosophila
>gi|1036941663|ref|XP_017145917.1| PREDICTED: facilitated trehalose transporter Tret1-like [Dr
>gi|1036986476|ref|XP 017148628.1| PREDICTED: exostosin-1 [Drosophila miranda]
>gi|1036986530|ref|XP_017148631.1| PREDICTED: uncharacterized protein LOC108159664 [Drosophila
>gi|1036986510|ref|XP 017148630.1| PREDICTED: lamin-C isoform X2 [Drosophila miranda]
>gi|1036986492|ref|XP_017148629.1| PREDICTED: lamin-C isoform X1 [Drosophila miranda]
>gi|1037022113|ref|XP_017150798.1| PREDICTED: cocaine esterase [Drosophila miranda]
>gi|1036950118|ref|XP_017146439.1| PREDICTED: DNA-directed RNA polymerase I subunit RPA1 [Dros
>gi|1036950188|ref|XP_017146443.1| PREDICTED: biogenesis of lysosome-related organelles complete
>gi|1036936745|ref|XP_017145614.1| PREDICTED: transformer-2 sex-determining protein [Drosophile
>gi|1036950136|ref|XP_017146440.1| PREDICTED: zinc finger CCHC domain-containing protein 4 [Dref|XP_017146440.1]
>gi|1036950156|ref|XP_017146441.1| PREDICTED: uncharacterized protein LOC108158543 [Drosophila
>gi|1036950172|ref|XP_017146442.1| PREDICTED: uncharacterized protein LOC108158544 [Drosophila
>gi|1036950102|ref|XP_017146438.1| PREDICTED: titin isoform X2 [Drosophila miranda]
>gi|1036950084|ref|XP_017146437.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1037016197|ref|XP_017150420.1| PREDICTED: protein transport protein Sec61 subunit beta [Dr
>gi|1036942597|ref|XP_017145978.1| PREDICTED: lambda-crystallin homolog [Drosophila miranda]
>gi|1037022324|ref|XP 017150810.1| PREDICTED: adenosine deaminase CECR1 [Drosophila miranda]
>gi|1037021720|ref|XP_017150774.1| PREDICTED: uncharacterized protein LOC108160982 [Drosophila
>gi|1037021702|ref|XP_017150773.1| PREDICTED: uncharacterized protein LOC108160981 [Drosophila
>gi|1037013722|ref|XP_017150275.1| PREDICTED: uncharacterized protein LOC108160652 isoform X1
>gi|1037013755|ref|XP_017150277.1| PREDICTED: uncharacterized protein LOC108160652 isoform X3
>gi|1037013738|ref|XP_017150276.1| PREDICTED: uncharacterized protein LOC108160652 isoform X2
>gi|1037013770|ref|XP_017150278.1| PREDICTED: uncharacterized protein LOC108160652 isoform X4
>gi|1037013808|ref|XP_017150280.1| PREDICTED: uncharacterized protein LOC108160655 [Drosophila
>gi|1037013826|ref|XP_017150282.1| PREDICTED: formin-like protein 5 [Drosophila miranda]
>gi|1037013788|ref|XP_017150279.1| PREDICTED: proline-rich protein 36 [Drosophila miranda]
>gi|1037019201|ref|XP_017150616.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1037021525|ref|XP_017150759.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1037021537|ref|XP_017150760.1| PREDICTED: prominin-like protein isoform X2 [Drosophila mire
>gi|1037021553|ref|XP_017150761.1| PREDICTED: prominin-like protein isoform X3 [Drosophila mire
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>gi|1036994139|ref|XP_017149089.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036994155|ref|XP_017149090.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036994175|ref|XP_017149091.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036994271|ref|XP_017149097.1| PREDICTED: drosocin [Drosophila miranda]
>gi|1036994239|ref|XP 017149095.1| PREDICTED: attacin-A-like [Drosophila miranda]
>gi|1036994223|ref|XP_017149094.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 11
>gi|1036994252|ref|XP 017149096.1| PREDICTED: protein aveugle [Drosophila miranda]
>gi|1036994209|ref|XP_017149093.1| PREDICTED: AF4/FMR2 family member 4 isoform X2 [Drosophila 1
>gi|1036994191|ref|XP_017149092.1| PREDICTED: AF4/FMR2 family member 4 isoform X1 [Drosophila i
>gi|1037014834|ref|XP_017150343.1| PREDICTED: uncharacterized protein LOC108160699 [Drosophila
>gi|1037014816|ref|XP_017150342.1| PREDICTED: trafficking protein particle complex subunit 5 [
>gi|1037016717|ref|XP_017150451.1| PREDICTED: kelch-like protein 40b [Drosophila miranda]
>gi|1037016735|ref|XP_017150452.1| PREDICTED: kelch-like protein 40b [Drosophila miranda]
>gi|1036978317|ref|XP_017148121.1| PREDICTED: LOW QUALITY PROTEIN: sprouty-related, EVH1 domain
>gi|1036978365|ref|XP_017148125.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036978335|ref|XP_017148123.1| PREDICTED: coiled-coil and C2 domain-containing protein 2A
>gi|1036978351|ref|XP_017148124.1| PREDICTED: coiled-coil and C2 domain-containing protein 2A
>gi|1036936761|ref|XP_017145615.1| PREDICTED: uncharacterized protein LOC108157981 [Drosophila
>gi|1036945317|ref|XP_017146139.1| PREDICTED: peptidyl-prolyl cis-trans isomerase E [Drosophile
>gi|1036945370|ref|XP 017146142.1| PREDICTED: 60S ribosomal protein L18a [Drosophila miranda]
>gi|1036945127|ref|XP_017146127.1| PREDICTED: uncharacterized protein LOC108158385 [Drosophila
>gi|1036945248|ref|XP 017146135.1| PREDICTED: kinesin-like protein KIF12 [Drosophila miranda]
>gi|1036945405|ref|XP_017146145.1| PREDICTED: guanine nucleotide-binding protein subunit gamma
>gi|1036945335|ref|XP_017146140.1| PREDICTED: protein FAM192A [Drosophila miranda]
>gi|1036945266|ref|XP_017146136.1| PREDICTED: nucleolar GTP-binding protein 2 [Drosophila mirated
>gi|1036945212|ref|XP_017146132.1| PREDICTED: E3 ubiquitin-protein ligase SH3RF1 isoform X1 [Di
>gi|1036945230|ref|XP_017146134.1| PREDICTED: SH3 domain-containing RING finger protein 3 isof
>gi|1036945423|ref|XP_017146146.1| PREDICTED: uncharacterized protein LOC108158399 [Drosophila
>gi|1036945387|ref|XP_017146143.1| PREDICTED: uncharacterized protein LOC108158397 [Drosophila
>gi|1036945353|ref|XP_017146141.1| PREDICTED: ras-related protein Rab-4B [Drosophila miranda]
>gi|1036945179|ref|XP_017146130.1| PREDICTED: endoribonuclease Dicer isoform X2 [Drosophila mi
>gi|1036945282|ref|XP_017146137.1| PREDICTED: fibrinogen-like protein 1 isoform X1 [Drosophila
>gi|1036945300|ref|XP 017146138.1| PREDICTED: angiopoietin-related protein 7 isoform X2 [Droso
>gi|1036945145|ref|XP_017146128.1| PREDICTED: endoribonuclease Dicer isoform X1 [Drosophila mi
>gi|1036945163|ref|XP 017146129.1| PREDICTED: endoribonuclease Dicer isoform X1 [Drosophila mi
>gi|1036945196|ref|XP_017146131.1| PREDICTED: endoribonuclease Dicer isoform X1 [Drosophila mi
>gi|1037006830|ref|XP_017149862.1| PREDICTED: uncharacterized protein LOC108160388 isoform X3
>gi|1037006814|ref|XP_017149861.1| PREDICTED: uncharacterized protein LOC108160388 isoform X2
>gi|1037006796|ref|XP_017149860.1| PREDICTED: uncharacterized protein LOC108160388 isoform X1
>gi|1037013704|ref|XP_017150274.1| PREDICTED: 39S ribosomal protein L41, mitochondrial [Drosop
>gi|1037013686|ref|XP_017150273.1| PREDICTED: probable splicing factor, arginine/serine-rich 7
>gi|1037020331|ref|XP_017150686.1| PREDICTED: lipase 3 [Drosophila miranda]
>gi|1036987390|ref|XP 017148685.1| PREDICTED: uncharacterized protein LOC108159689 [Drosophila
>gi|1036987408|ref|XP_017148686.1| PREDICTED: uncharacterized protein LOC108159690 isoform X1
>gi|1036987428|ref|XP_017148687.1| PREDICTED: uncharacterized protein LOC108159690 isoform X2
>gi|1037010040|ref|XP_017150053.1| PREDICTED: uncharacterized protein LOC108160514 isoform X2
>gi|1037010020|ref|XP_017150052.1| PREDICTED: uncharacterized protein LOC108160514 isoform X1
>gi|1037010060|ref|XP_017150054.1| PREDICTED: nischarin [Drosophila miranda]
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>gi|1037013670|ref|XP_017150271.1| PREDICTED: Golgi pH regulator isoform X2 [Drosophila mirand
>gi|1037013654|ref|XP_017150270.1| PREDICTED: Golgi pH regulator isoform X1 [Drosophila mirand
>gi|1036936777|ref|XP_017145616.1| PREDICTED: uncharacterized protein LOC108157982 [Drosophila
>gi|1036941511|ref|XP_017145907.1| PREDICTED: uncharacterized protein LOC108158199 isoform X1
>gi|1036941529|ref|XP 017145908.1| PREDICTED: uncharacterized protein LOC108158199 isoform X1
>gi|1036941563|ref|XP_017145910.1| PREDICTED: uncharacterized protein LOC108158199 isoform X3
>gi|1036941545|ref|XP 017145909.1| PREDICTED: uncharacterized protein LOC108158199 isoform X2
>gi|1036941599|ref|XP_017145913.1| PREDICTED: uncharacterized protein LOC108158201 [Drosophila
>gi|1036941479|ref|XP_017145906.1| PREDICTED: methyltransferase-like protein 16 homolog [Droso
>gi|1036941376|ref|XP_017145901.1| PREDICTED: SH3 domain-binding protein 5 homolog [Drosophila
>gi|1036941396|ref|XP_017145902.1| PREDICTED: SAM50-like protein CG7639 [Drosophila miranda]
>gi|1036941340|ref|XP_017145899.1| PREDICTED: protein RRNAD1 [Drosophila miranda]
>gi|1036941358|ref|XP_017145900.1| PREDICTED: zinc carboxypeptidase [Drosophila miranda]
>gi|1036941412|ref|XP_017145903.1| PREDICTED: septin-2 [Drosophila miranda]
>gi|1036941289|ref|XP_017145897.1| PREDICTED: putative RNA-binding protein 15 [Drosophila mirated
>gi|1036941581|ref|XP_017145912.1| PREDICTED: tctex1 domain-containing protein 2 [Drosophila m
>gi|1036941322|ref|XP_017145898.1| PREDICTED: PX domain-containing protein kinase-like protein
>gi|1036941430|ref|XP_017145904.1| PREDICTED: COP9 signalosome complex subunit 4 [Drosophila m
>gi|1036941254|ref|XP_017145895.1| PREDICTED: acetyl-CoA carboxylase isoform X2 [Drosophila mi
>gi|1036941218|ref|XP_017145893.1| PREDICTED: acetyl-CoA carboxylase isoform X1 [Drosophila mi
>gi|1036941236|ref|XP_017145894.1| PREDICTED: acetyl-CoA carboxylase isoform X1 [Drosophila mi
>gi|1036941271|ref|XP 017145896.1| PREDICTED: acetyl-CoA carboxylase isoform X3 [Drosophila min
>gi|1036941446|ref|XP_017145905.1| PREDICTED: nucleoporin seh1 [Drosophila miranda]
>gi|1036941613|ref|XP_017145914.1| PREDICTED: mitochondrial dicarboxylate carrier [Drosophila 1
>gi|1037021818|ref|XP_017150780.1| PREDICTED: hairy/enhancer-of-split related with YRPW motif
>gi|1036942070|ref|XP_017145945.1| PREDICTED: uncharacterized protein LOC108158226 [Drosophila
>gi|1037004249|ref|XP_017149701.1| PREDICTED: ornithine decarboxylase 1 [Drosophila miranda]
>gi|1037004233|ref|XP_017149700.1| PREDICTED: slit homolog 2 protein isoform X2 [Drosophila mi
>gi|1037004152|ref|XP_017149698.1| PREDICTED: slit homolog 2 protein isoform X1 [Drosophila mi
>gi|1037004215|ref|XP_017149699.1| PREDICTED: slit homolog 2 protein isoform X1 [Drosophila mi
>gi|1037004267|ref|XP_017149702.1| PREDICTED: LOW QUALITY PROTEIN: biogenesis of lysosome-rela
>gi|1036936793|ref|XP_017145618.1| PREDICTED: transformer-2 sex-determining protein-like, part
>gi|1036936809|ref|XP_017145619.1| PREDICTED: Golgi pH regulator-like [Drosophila miranda]
>gi|1037011750|ref|XP_017150152.1| PREDICTED: protein Optix [Drosophila miranda]
>gi|1037015824|ref|XP 017150399.1| PREDICTED: putative uncharacterized protein DDB G0277255 is
>gi|1037015740|ref|XP_017150396.1| PREDICTED: DNA-binding protein Ikaros isoform X1 [Drosophile
>gi|1037015792|ref|XP_017150397.1| PREDICTED: DNA-binding protein Ikaros isoform X2 [Drosophile
>gi|1037015806|ref|XP_017150398.1| PREDICTED: DNA-binding protein Ikaros isoform X2 [Drosophile
>gi|1036979871|ref|XP_017148219.1| PREDICTED: uncharacterized protein LOC108159442 [Drosophila
>gi|1036979713|ref|XP_017148208.1| PREDICTED: protein lingerer isoform X1 [Drosophila miranda]
>gi|1036979759|ref|XP_017148212.1| PREDICTED: protein lingerer isoform X4 [Drosophila miranda]
>gi|1036979727|ref|XP_017148210.1| PREDICTED: protein lingerer isoform X2 [Drosophila miranda]
>gi|1036979779|ref|XP_017148213.1| PREDICTED: protein lingerer isoform X5 [Drosophila miranda]
>gi|1036979796|ref|XP_017148214.1| PREDICTED: protein lingerer isoform X6 [Drosophila miranda]
>gi|1036979815|ref|XP_017148215.1| PREDICTED: protein lingerer isoform X7 [Drosophila miranda]
>gi|1036979849|ref|XP_017148217.1| PREDICTED: protein lingerer isoform X9 [Drosophila miranda]
>gi|1036979741|ref|XP_017148211.1| PREDICTED: protein lingerer isoform X3 [Drosophila miranda]
>gi|1036979833|ref|XP_017148216.1| PREDICTED: protein lingerer isoform X8 [Drosophila miranda]
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>gi|1036979863|ref|XP_017148218.1| PREDICTED: vacuolar protein sorting-associated protein 28 h
>gi|1037015988|ref|XP_017150407.1| PREDICTED: sugar transporter SWEET1 [Drosophila miranda]
>gi|1036942954|ref|XP_017146001.1| PREDICTED: uncharacterized protein LOC108158276 [Drosophila
>gi|1037014852|ref|XP_017150344.1| PREDICTED: multidrug resistance protein homolog 49 [Drosoph
>gi|1037015192|ref|XP 017150365.1| PREDICTED: uncharacterized protein LOC108160706 [Drosophila
>gi|1037015228|ref|XP_017150367.1| PREDICTED: uncharacterized protein LOC108160707 isoform X2
>gi|1037015210|ref|XP 017150366.1| PREDICTED: uncharacterized protein LOC108160707 isoform X1
>gi|1037015244|ref|XP_017150368.1| PREDICTED: uncharacterized protein LOC108160709 isoform X1
>gi|1037015262|ref|XP_017150369.1| PREDICTED: uncharacterized protein LOC108160709 isoform X2
>gi|1036999263|ref|XP_017149406.1| PREDICTED: polycomb group protein Psc [Drosophila miranda]
>gi|1037012155|ref|XP_017150178.1| PREDICTED: protein suppressor 2 of zeste [Drosophila mirand
>gi|1037020505|ref|XP_017150697.1| PREDICTED: probable salivary secreted peptide [Drosophila m
>gi|1037020520|ref|XP_017150698.1| PREDICTED: probable salivary secreted peptide [Drosophila m
>gi|1037017193|ref|XP_017150483.1| PREDICTED: tyrosine-protein kinase RYK [Drosophila miranda]
>gi|1037017205|ref|XP_017150484.1| PREDICTED: sideroflexin-1-like [Drosophila miranda]
>gi|1037019115|ref|XP_017150611.1| PREDICTED: abscisic-aldehyde oxidase-like [Drosophila mirane
>gi|1036947068|ref|XP_017146248.1| PREDICTED: uncharacterized protein LOC108158468 [Drosophila
>gi|1036946994|ref|XP_017146244.1| PREDICTED: uncharacterized protein LOC108158464 [Drosophila
>gi|1036946958|ref|XP_017146242.1| PREDICTED: condensin complex subunit 3 isoform X1 [Drosophi
>gi|1036946976|ref|XP 017146243.1| PREDICTED: condensin complex subunit 3 isoform X2 [Drosophi
>gi|1036946904|ref|XP_017146238.1| PREDICTED: tyrosine-protein kinase PR2 isoform X2 [Drosophi
>gi|1036946886|ref|XP_017146237.1| PREDICTED: tyrosine-protein kinase PR2 isoform X1 [Drosophi
>gi|1036946940|ref|XP_017146240.1| PREDICTED: tripeptidyl-peptidase 2 isoform X2 [Drosophila m
>gi|1036946922|ref|XP_017146239.1| PREDICTED: tripeptidyl-peptidase 2 isoform X1 [Drosophila m
>gi|1036947029|ref|XP_017146246.1| PREDICTED: coiled-coil domain-containing protein 130 homological domain-contain
>gi|1036947050|ref|XP_017146247.1| PREDICTED: microtubule-associated protein RP/EB family members
>gi|1036947011|ref|XP_017146245.1| PREDICTED: juvenile hormone epoxide hydrolase 1 [Drosophila
>gi|1037013383|ref|XP_017150254.1| PREDICTED: juvenile hormone epoxide hydrolase 1 [Drosophila
>gi|1037019310|ref|XP_017150622.1| PREDICTED: juvenile hormone epoxide hydrolase 1 [Drosophila
>gi|1036998921|ref|XP_017149389.1| PREDICTED: diptericin-like [Drosophila miranda]
>gi|1036998937|ref|XP_017149390.1| PREDICTED: diptericin-like [Drosophila miranda]
>gi|1036998904|ref|XP_017149388.1| PREDICTED: diptericin [Drosophila miranda]
>gi|1036998955|ref|XP_017149391.1| PREDICTED: uncharacterized protein LOC108160110 [Drosophila
>gi|1036998854|ref|XP_017149384.1| PREDICTED: V-type proton ATPase 116 kDa subunit a [Drosophi
>gi|1036998869|ref|XP 017149385.1| PREDICTED: uncharacterized protein LOC108160106 [Drosophila
>gi|1036998886|ref|XP_017149387.1| PREDICTED: uncharacterized protein LOC108160106 [Drosophila
>gi|1037007674|ref|XP 017149914.1| PREDICTED: uncharacterized protein LOC108160423 [Drosophila
>gi|1037007689|ref|XP_017149915.1| PREDICTED: uncharacterized protein LOC108160424 [Drosophila
>gi|1036999793|ref|XP_017149437.1| PREDICTED: LOW QUALITY PROTEIN: E3 ubiquitin-protein ligase
>gi|1037011930|ref|XP_017150163.1| PREDICTED: RING finger protein nhl-1 isoform X8 [Drosophila
>gi|1037011785|ref|XP_017150154.1| PREDICTED: RING finger protein nhl-1 isoform X1 [Drosophila
>gi|1037011824|ref|XP_017150155.1| PREDICTED: RING finger protein nhl-1 isoform X1 [Drosophila
>gi|1037011873|ref|XP_017150159.1| PREDICTED: RING finger protein nhl-1 isoform X4 [Drosophila
>gi|1037011841|ref|XP_017150156.1| PREDICTED: RING finger protein nhl-1 isoform X2 [Drosophila
>gi|1037011857|ref|XP_017150157.1| PREDICTED: RING finger protein nhl-1 isoform X3 [Drosophila
>gi|1037011888|ref|XP_017150160.1| PREDICTED: RING finger protein nhl-1 isoform X5 [Drosophila
>gi|1037011900|ref|XP_017150161.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037011913|ref|XP_017150162.1| PREDICTED: cell wall protein IFF6 isoform X7 [Drosophila mi
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>gi|1037017489|ref|XP_017150503.1| PREDICTED: 5-hydroxytryptamine receptor 2B isoform X1 [Dros
>gi|1037017507|ref|XP_017150504.1| PREDICTED: 5-hydroxytryptamine receptor 2B isoform X2 [Dros
>gi|1037017524|ref|XP_017150505.1| PREDICTED: uncharacterized protein LOC108160798 [Drosophila
>gi|1037017542|ref|XP_017150506.1| PREDICTED: uncharacterized protein LOC108160798 [Drosophila
>gi|1036956788|ref|XP 017146840.1| PREDICTED: uncharacterized protein LOC108158742 [Drosophila
>gi|1036956770|ref|XP_017146838.1| PREDICTED: probable phospholipid hydroperoxide glutathione
>gi|1036956738|ref|XP 017146836.1| PREDICTED: uncharacterized protein LOC108158739 [Drosophila
>gi|1036956573|ref|XP_017146825.1| PREDICTED: 5-hydroxytryptamine receptor 2A [Drosophila mirates]
>gi|1036956801|ref|XP_017146841.1| PREDICTED: RING-box protein 1A-like [Drosophila miranda]
>gi|1036956606|ref|XP_017146827.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036956660|ref|XP_017146831.1| PREDICTED: uncharacterized protein LOC108158737 [Drosophila
>gi|1036956672|ref|XP_017146832.1| PREDICTED: uncharacterized protein LOC108158737 [Drosophila
>gi|1036956690|ref|XP_017146833.1| PREDICTED: uncharacterized protein LOC108158737 [Drosophila
>gi|1036956753|ref|XP_017146837.1| PREDICTED: cyclin-dependent kinase 5 homolog [Drosophila mi
>gi|1036956624|ref|XP_017146828.1| PREDICTED: flotillin-1 isoform X1 [Drosophila miranda]
>gi|1036956642|ref|XP_017146829.1| PREDICTED: flotillin-1 isoform X2 [Drosophila miranda]
>gi|1036956588|ref|XP_017146826.1| PREDICTED: transitional endoplasmic reticulum ATPase TER94
>gi|1036956708|ref|XP_017146834.1| PREDICTED: cAMP-dependent protein kinase type II regulatory
>gi|1036956725|ref|XP_017146835.1| PREDICTED: cAMP-dependent protein kinase type II regulatory
>gi|1036961261|ref|XP 017147094.1| PREDICTED: palmitoyltransferase ZDHHC15 isoform X5 [Drosoph
>gi|1036961279|ref|XP_017147095.1| PREDICTED: palmitoyltransferase ZDHHC2 isoform X6 [Drosophi
>gi|1036961298|ref|XP 017147096.1| PREDICTED: palmitoyltransferase ZDHHC2 isoform X7 [Drosophi
>gi|1036961192|ref|XP_017147089.1| PREDICTED: palmitoyltransferase ZDHHC15 isoform X1 [Drosoph
>gi|1036961240|ref|XP_017147091.1| PREDICTED: palmitoyltransferase ZDHHC15 isoform X3 [Drosoph
>gi|1036961210|ref|XP_017147090.1| PREDICTED: palmitoyltransferase ZDHHC15 isoform X2 [Drosoph
>gi|1036961249|ref|XP_017147092.1| PREDICTED: palmitoyltransferase ZDHHC15 isoform X4 [Drosoph
>gi|1036961178|ref|XP_017147088.1| PREDICTED: putative methyltransferase C9orf114 [Drosophila 1
>gi|1036961316|ref|XP_017147097.1| PREDICTED: activating signal cointegrator 1 complex subunit
>gi|1036961163|ref|XP_017147087.1| PREDICTED: lysophospholipid acyltransferase 1 [Drosophila m
>gi|1036961324|ref|XP_017147098.1| PREDICTED: mucin-2-like [Drosophila miranda]
>gi|1036961356|ref|XP_017147100.1| PREDICTED: cytochrome c oxidase subunit 7C, mitochondrial [
>gi|1036961374|ref|XP_017147101.1| PREDICTED: cytochrome c oxidase subunit 7C, mitochondrial [
>gi|1036961338|ref|XP_017147099.1| PREDICTED: protein canopy homolog 2 [Drosophila miranda]
>gi|1037020747|ref|XP_017150714.1| PREDICTED: defensin [Drosophila miranda]
>gi|1036946766|ref|XP 017146230.1| PREDICTED: SPARC-related modular calcium-binding protein 2
>gi|1036946782|ref|XP_017146231.1| PREDICTED: SPARC-related modular calcium-binding protein 2
>gi|1036946800|ref|XP 017146232.1| PREDICTED: SPARC-related modular calcium-binding protein 2
>gi|1036946816|ref|XP_017146233.1| PREDICTED: SPARC-related modular calcium-binding protein 2
>gi|1036946677|ref|XP_017146224.1| PREDICTED: GPI ethanolamine phosphate transferase 1 [Drosop
>gi|1036946712|ref|XP_017146226.1| PREDICTED: GPI ethanolamine phosphate transferase 1-like is
>gi|1036946694|ref|XP_017146225.1| PREDICTED: GPI ethanolamine phosphate transferase 1-like is
>gi|1036946870|ref|XP_017146236.1| PREDICTED: 39S ribosomal protein L42, mitochondrial [Drosop
>gi|1036946834|ref|XP_017146234.1| PREDICTED: cyclin-dependent kinase 10 [Drosophila miranda]
>gi|1036946852|ref|XP_017146235.1| PREDICTED: uncharacterized protein LOC108158457 [Drosophila
>gi|1036946593|ref|XP_017146219.1| PREDICTED: nodal modulator 2 [Drosophila miranda]
>gi|1036946629|ref|XP_017146221.1| PREDICTED: uncharacterized protein LOC108158449 isoform X1
>gi|1036946661|ref|XP_017146223.1| PREDICTED: uncharacterized protein KIAA0930 homolog isoform
>gi|1036946645|ref|XP_017146222.1| PREDICTED: uncharacterized protein LOC108158449 isoform X2
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>gi|1036946748|ref|XP 017146229.1| PREDICTED: spondin-1 [Drosophila miranda]
>gi|1036946611|ref|XP_017146220.1| PREDICTED: protein teflon [Drosophila miranda]
>gi|1036946730|ref|XP_017146227.1| PREDICTED: general transcription factor 3C polypeptide 3 [Di
>gi|1036980764|ref|XP_017148276.1| PREDICTED: putative helicase mov-10-B.2 [Drosophila miranda]
>gi|1036980696|ref|XP 017148272.1| PREDICTED: uncharacterized protein LOC108159466 isoform X4
>gi|1036980712|ref|XP_017148273.1| PREDICTED: uncharacterized protein LOC108159466 isoform X4
>gi|1036980679|ref|XP 017148271.1| PREDICTED: uncharacterized protein LOC108159466 isoform X3
>gi|1036980662|ref|XP_017148270.1| PREDICTED: uncharacterized protein LOC108159466 isoform X2
>gi|1036980642|ref|XP_017148269.1| PREDICTED: uncharacterized protein LOC108159466 isoform X1
>gi|1036980748|ref|XP_017148275.1| PREDICTED: uncharacterized protein LOC108159466 isoform X6
>gi|1036980730|ref|XP_017148274.1| PREDICTED: uncharacterized protein LOC108159466 isoform X5
>gi|1037007414|ref|XP_017149899.1| PREDICTED: sphingosine-1-phosphate lyase [Drosophila mirand
>gi|1037007432|ref|XP_017149900.1| PREDICTED: sphingosine-1-phosphate lyase [Drosophila mirand
>gi|1037010724|ref|XP_017150092.1| PREDICTED: phenoloxidase 2 [Drosophila miranda]
>gi|1036936825|ref|XP_017145620.1| PREDICTED: uncharacterized protein LOC108157986 [Drosophila
>gi|1036936841|ref|XP_017145621.1| PREDICTED: uncharacterized protein LOC108157987 [Drosophila
>gi|1037010600|ref|XP_017150088.1| PREDICTED: potassium voltage-gated channel subfamily H members
>gi|1037010617|ref|XP_017150089.1| PREDICTED: potassium voltage-gated channel subfamily H members
>gi|1037010694|ref|XP_017150090.1| PREDICTED: potassium voltage-gated channel subfamily H members
>gi|1037010710|ref|XP_017150091.1| PREDICTED: potassium voltage-gated channel subfamily H members
>gi|1037017903|ref|XP_017150529.1| PREDICTED: E3 ubiquitin-protein ligase Topors-like [Drosoph
>gi|1037017943|ref|XP 017150530.1| PREDICTED: E3 ubiquitin-protein ligase Topors-like [Drosoph
>gi|1037017959|ref|XP_017150531.1| PREDICTED: E3 ubiquitin-protein ligase Topors-like [Drosoph
>gi|1037017850|ref|XP_017150526.1| PREDICTED: uncharacterized protein LOC108160814 [Drosophila
>gi|1037017868|ref|XP_017150527.1| PREDICTED: uncharacterized protein LOC108160814 [Drosophila
>gi|1037017885|ref|XP_017150528.1| PREDICTED: uncharacterized protein LOC108160814 [Drosophila
>gi|1037021838|ref|XP_017150781.1| PREDICTED: uncharacterized protein LOC108160988 [Drosophila
>gi|1037020007|ref|XP_017150667.1| PREDICTED: uncharacterized protein LOC108160905 [Drosophila
>gi|1036942710|ref|XP_017145986.1| PREDICTED: ras-interacting protein RIP3 [Drosophila miranda]
>gi|1037020715|ref|XP_017150712.1| PREDICTED: nucleoporin NSP1 [Drosophila miranda]
>gi|1036944156|ref|XP_017146074.1| PREDICTED: uncharacterized protein LOC108158346 [Drosophila
>gi|1036975880|ref|XP_017147968.1| PREDICTED: putative GPI-anchored protein PB15E9.01c [Drosop
>gi|1036975948|ref|XP 017147973.1| PREDICTED: uncharacterized protein LOC108159310 [Drosophila
>gi|1036975932|ref|XP_017147972.1| PREDICTED: uncharacterized protein LOC108159309 [Drosophila
>gi|1036975846|ref|XP 017147966.1| PREDICTED: proteoglycan 4 [Drosophila miranda]
>gi|1036975830|ref|XP_017147965.1| PREDICTED: putative uncharacterized protein YHR219W isoform
>gi|1036975814|ref|XP_017147964.1| PREDICTED: lisH domain-containing protein C1711.05 isoform
>gi|1036975862|ref|XP_017147967.1| PREDICTED: uncharacterized protein LOC108159306 [Drosophila
>gi|1036975798|ref|XP_017147963.1| PREDICTED: uncharacterized protein LOC108159302 [Drosophila
>gi|1036975898|ref|XP_017147970.1| PREDICTED: thymidylate kinase [Drosophila miranda]
>gi|1036975915|ref|XP_017147971.1| PREDICTED: thymidylate kinase [Drosophila miranda]
>gi|1036975745|ref|XP_017147960.1| PREDICTED: uncharacterized protein CG5098 isoform X1 [Droso
>gi|1036975763|ref|XP 017147961.1| PREDICTED: uncharacterized protein CG5098 isoform X2 [Droso
>gi|1036975780|ref|XP_017147962.1| PREDICTED: uncharacterized protein CG5098 isoform X3 [Droso
>gi|1036936859|ref|XP_017145622.1| PREDICTED: uncharacterized protein YMR317W [Drosophila mirated prot
>gi|1036946479|ref|XP_017146211.1| PREDICTED: uncharacterized protein LOC108158439 [Drosophila
>gi|1036991469|ref|XP_017148923.1| PREDICTED: maternal effect protein staufen [Drosophila mira
>gi|1036953390|ref|XP_017146640.1| PREDICTED: leukocyte elastase inhibitor [Drosophila miranda]
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>gi|1036953474|ref|XP_017146646.1| PREDICTED: retinol dehydrogenase 13 [Drosophila miranda]
>gi|1036953374|ref|XP_017146639.1| PREDICTED: dynactin subunit 4 [Drosophila miranda]
>gi|1036953492|ref|XP_017146647.1| PREDICTED: tubulin-folding cofactor B [Drosophila miranda]
>gi|1036953335|ref|XP_017146637.1| PREDICTED: MAP/microtubule affinity-regulating kinase 3 iso
>gi|1036953303|ref|XP 017146635.1| PREDICTED: MAP/microtubule affinity-regulating kinase 3 iso
>gi|1036953320|ref|XP_017146636.1| PREDICTED: serine/threonine-protein kinase MARK2 isoform X1
>gi|1036953280|ref|XP 017146634.1| PREDICTED: MAP/microtubule affinity-regulating kinase 3 iso
>gi|1036953252|ref|XP_017146632.1| PREDICTED: serine/threonine-protein kinase MARK2 isoform X8
>gi|1036953236|ref|XP_017146631.1| PREDICTED: serine/threonine-protein kinase MARK2 isoform X7
>gi|1036953204|ref|XP_017146629.1| PREDICTED: serine/threonine-protein kinase MARK2 isoform X5
>gi|1036953170|ref|XP_017146627.1| PREDICTED: serine/threonine-protein kinase MARK2 isoform X3
>gi|1036953222|ref|XP_017146630.1| PREDICTED: MAP/microtubule affinity-regulating kinase 3 iso
>gi|1036953186|ref|XP_017146628.1| PREDICTED: serine/threonine-protein kinase MARK2 isoform X4
>gi|1036953152|ref|XP_017146625.1| PREDICTED: serine/threonine-protein kinase MARK2 isoform X2
>gi|1036953116|ref|XP_017146623.1| PREDICTED: serine/threonine-protein kinase MARK2 isoform X1
>gi|1036953134|ref|XP_017146624.1| PREDICTED: serine/threonine-protein kinase MARK2 isoform X1
>gi|1036953264|ref|XP_017146633.1| PREDICTED: MAP/microtubule affinity-regulating kinase 3 iso
>gi|1036953353|ref|XP_017146638.1| PREDICTED: uncharacterized protein LOC108158650 isoform X14
>gi|1036953456|ref|XP_017146645.1| PREDICTED: meiotic recombination protein W68 [Drosophila mi
>gi|1036953402|ref|XP 017146642.1| PREDICTED: diacylglycerol 0-acyltransferase 2-like [Drosoph
>gi|1036953422|ref|XP_017146643.1| PREDICTED: diacylglycerol O-acyltransferase 2-like [Drosoph
>gi|1036953440|ref|XP 017146644.1| PREDICTED: diacylglycerol O-acyltransferase 2-like [Drosoph
>gi|1036996148|ref|XP_017149214.1| PREDICTED: tyrosine-protein kinase receptor torso [Drosophi
>gi|1036936873|ref|XP_017145623.1| PREDICTED: uncharacterized protein LOC108157989 [Drosophila
>gi|1036996182|ref|XP_017149216.1| PREDICTED: ubiquinone biosynthesis protein COQ9, mitochondr
>gi|1036996202|ref|XP_017149218.1| PREDICTED: ubiquinone biosynthesis protein COQ9, mitochondr
>gi|1036996164|ref|XP_017149215.1| PREDICTED: glomulin [Drosophila miranda]
>gi|1036981733|ref|XP_017148338.1| PREDICTED: F-actin-uncapping protein LRRC16A isoform X3 [Dr
>gi|1036981751|ref|XP_017148339.1| PREDICTED: F-actin-uncapping protein LRRC16A isoform X4 [Dref|XP_017148339.1]
>gi|1036981798|ref|XP_017148340.1| PREDICTED: F-actin-uncapping protein LRRC16A isoform X5 [Dreatin-uncapping prot
>gi|1036981695|ref|XP_017148335.1| PREDICTED: F-actin-uncapping protein LRRC16A isoform X1 [Dref|XP_017148335.1]
>gi|1036981715|ref|XP_017148336.1| PREDICTED: F-actin-uncapping protein LRRC16A isoform X2 [Dreatin-uncapping prot
>gi|1036981837|ref|XP_017148342.1| PREDICTED: uncharacterized protein LOC108159501 isoform X7
>gi|1036981855|ref|XP 017148343.1| PREDICTED: mucin-21 isoform X8 [Drosophila miranda]
>gi|1037010925|ref|XP_017150102.1| PREDICTED: probable U2 small nuclear ribonucleoprotein A' [
>gi|1037010944|ref|XP 017150103.1| PREDICTED: uncharacterized protein C20orf24 homolog [Drosop
>gi|1037019047|ref|XP_017150606.1| PREDICTED: 39S ribosomal protein L52, mitochondrial [Drosop
>gi|1036943423|ref|XP_017146031.1| PREDICTED: uncharacterized protein LOC108158301 [Drosophila
>gi|1036976760|ref|XP_017148022.1| PREDICTED: WD repeat-containing protein 19 isoform X2 [Dros
>gi|1036976746|ref|XP_017148021.1| PREDICTED: WD repeat-containing protein 19 isoform X1 [Drose
>gi|1036976789|ref|XP_017148025.1| PREDICTED: rab proteins geranylgeranyltransferase component
>gi|1036976775|ref|XP_017148023.1| PREDICTED: serine/threonine-protein kinase hippo [Drosophile]
>gi|1036974601|ref|XP_017147889.1| PREDICTED: uncharacterized protein LOC108159260 isoform X1
>gi|1036974633|ref|XP_017147890.1| PREDICTED: uncharacterized protein LOC108159260 isoform X2
>gi|1036974652|ref|XP_017147891.1| PREDICTED: sister chromatid cohesion protein PDS5 homolog B
>gi|1036974670|ref|XP_017147893.1| PREDICTED: sister chromatid cohesion protein PDS5 homolog B
>gi|1036974739|ref|XP_017147897.1| PREDICTED: metallophosphoesterase 1 homolog isoform X1 [Dros
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>gi|1036974757|ref|XP_017147898.1| PREDICTED: metallophosphoesterase 1 isoform X2 [Drosophila i
>gi|1036974688|ref|XP_017147894.1| PREDICTED: tyrosine-protein kinase-like otk [Drosophila mire
>gi|1036974705|ref|XP_017147895.1| PREDICTED: tyrosine-protein kinase-like otk [Drosophila mire
>gi|1036974721|ref|XP_017147896.1| PREDICTED: tyrosine-protein kinase-like otk [Drosophila mire
>gi|1037005183|ref|XP_017149753.1| PREDICTED: tyrosine-protein kinase-like otk [Drosophila mire
>gi|1036950323|ref|XP_017146453.1| PREDICTED: glycerol kinase [Drosophila miranda]
>gi|1036950337|ref|XP 017146454.1| PREDICTED: uncharacterized protein LOC108158551 [Drosophila
>gi|1036950291|ref|XP_017146450.1| PREDICTED: heat shock factor protein isoform X4 [Drosophila
>gi|1036950273|ref|XP_017146449.1| PREDICTED: heat shock factor protein isoform X3 [Drosophila
>gi|1036950255|ref|XP_017146448.1| PREDICTED: heat shock factor protein isoform X2 [Drosophila
>gi|1036950237|ref|XP_017146447.1| PREDICTED: heat shock factor protein isoform X1 [Drosophila
>gi|1036950205|ref|XP_017146444.1| PREDICTED: polycomb protein Pcl [Drosophila miranda]
>gi|1036950221|ref|XP_017146445.1| PREDICTED: polycomb protein Pcl [Drosophila miranda]
>gi|1036950299|ref|XP_017146451.1| PREDICTED: polyadenylate-binding protein [Drosophila mirand
>gi|1036950311|ref|XP_017146452.1| PREDICTED: polyadenylate-binding protein [Drosophila mirand
>gi|1036950368|ref|XP_017146456.1| PREDICTED: protein EMRE homolog, mitochondrial [Drosophila i
>gi|1036950352|ref|XP_017146455.1| PREDICTED: ankyrin repeat domain-containing protein 13C [Dreat containing protein 13C [Drea
>gi|1036986619|ref|XP_017148637.1| PREDICTED: WD and tetratricopeptide repeats protein 1 [Dros
>gi|1036986654|ref|XP_017148639.1| PREDICTED: longitudinals lacking protein-like [Drosophila m
>gi|1036986671|ref|XP 017148641.1| PREDICTED: longitudinals lacking protein-like [Drosophila m
>gi|1036986636|ref|XP_017148638.1| PREDICTED: nitric oxide-associated protein 1 [Drosophila mi
>gi|1036988713|ref|XP 017148761.1| PREDICTED: uncharacterized protein CG10915 isoform X1 [Dros
>gi|1036988731|ref|XP_017148762.1| PREDICTED: uncharacterized protein CG10915 isoform X2 [Dros
>gi|1036988672|ref|XP_017148760.1| PREDICTED: nuclear pore complex protein Nup85 isoform X2 [Di
>gi|1036988653|ref|XP_017148759.1| PREDICTED: nuclear pore complex protein Nup85 isoform X1 [Di
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>gi|1037020973|ref|XP_017150729.1| PREDICTED: uncharacterized protein LOC108160949 [Drosophila
>gi|1037020955|ref|XP_017150728.1| PREDICTED: hepatic leukemia factor [Drosophila miranda]
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>gi|1036967435|ref|XP 017147455.1| PREDICTED: UPF0587 protein GA18326 [Drosophila miranda]
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>gi|1036967360|ref|XP_017147452.1| PREDICTED: F-box/SPRY domain-containing protein 1 [Drosophi
>gi|1036967327|ref|XP_017147450.1| PREDICTED: transcription factor Dp [Drosophila miranda]
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>gi|1036997074|ref|XP_017149272.1| PREDICTED: WD repeat-containing protein CG11141 [Drosophila
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>gi|1037011152|ref|XP_017150117.1| PREDICTED: dihydroceramide fatty acyl 2-hydroxylase FAH2 [Di
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>gi|1037013109|ref|XP 017150238.1| PREDICTED: protein kinase C, brain isozyme isoform X1 [Dros-
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>gi|1036979259|ref|XP_017148178.1| PREDICTED: cyclin-dependent kinase 9 [Drosophila miranda]
>gi|1036979293|ref|XP_017148181.1| PREDICTED: 28S ribosomal protein S15, mitochondrial [Drosop
>gi|1036979276|ref|XP_017148179.1| PREDICTED: zinc finger Ran-binding domain-containing protein
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>gi|1036988599|ref|XP_017148755.1| PREDICTED: nuclear inhibitor of protein phosphatase 1 [Dros
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>gi|1036988636|ref|XP_017148758.1| PREDICTED: uncharacterized protein NCBP2-AS2 homolog [Droso
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>gi|1036972553|ref|XP_017147761.1| PREDICTED: uncharacterized protein LOC108159201 isoform X2
>gi|1036972505|ref|XP_017147758.1| PREDICTED: uncharacterized protein LOC108159200 isoform X2
>gi|1036972491|ref|XP_017147757.1| PREDICTED: uncharacterized protein LOC108159200 isoform X1
>gi|1036972518|ref|XP_017147759.1| PREDICTED: uncharacterized protein LOC108159200 isoform X3
>gi|1036972397|ref|XP_017147750.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1036972350|ref|XP_017147747.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1036972368|ref|XP_017147748.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1036972383|ref|XP_017147749.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1036972336|ref|XP_017147746.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1036972413|ref|XP_017147751.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1036972427|ref|XP_017147753.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1036972439|ref|XP_017147754.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1036972457|ref|XP_017147755.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
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>gi|1036972475|ref|XP_017147756.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1037019063|ref|XP_017150607.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 [Drosop
>gi|1037020126|ref|XP_017150675.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1037020144|ref|XP_017150676.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1037022218|ref|XP 017150804.1| PREDICTED: endoplasmic reticulum metallopeptidase 1-like [Di
>gi|1036936907|ref|XP_017145625.1| PREDICTED: endoplasmic reticulum metallopeptidase 1-like [Di
>gi|1036963230|ref|XP 017147216.1| PREDICTED: uncharacterized protein LOC108158924 isoform X1
>gi|1036963248|ref|XP_017147217.1| PREDICTED: uncharacterized protein LOC108158924 isoform X2
>gi|1036963264|ref|XP_017147218.1| PREDICTED: endoplasmic reticulum metallopeptidase 1-like [Di
>gi|1036963350|ref|XP_017147224.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 [Drosop
>gi|1036963314|ref|XP_017147221.1| PREDICTED: endoplasmic reticulum metallopeptidase 1-like is
>gi|1036963332|ref|XP_017147222.1| PREDICTED: endoplasmic reticulum metallopeptidase 1-like is
>gi|1036963366|ref|XP_017147225.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 [Drosop
>gi|1036963280|ref|XP_017147219.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1036963298|ref|XP_017147220.1| PREDICTED: endoplasmic reticulum metallopeptidase 1 isoform
>gi|1036963407|ref|XP_017147227.1| PREDICTED: integumentary mucin C.1 [Drosophila miranda]
>gi|1036963384|ref|XP_017147226.1| PREDICTED: endocuticle structural glycoprotein ABD-4 [Droso
>gi|1037011569|ref|XP_017150142.1| PREDICTED: larval cuticle protein LCP-30 [Drosophila mirand
>gi|1037011585|ref|XP_017150143.1| PREDICTED: uncharacterized protein LOC108160570 [Drosophila
>gi|1037011601|ref|XP 017150145.1| PREDICTED: uncharacterized protein LOC108160571 [Drosophila
>gi|1037011525|ref|XP_017150139.1| PREDICTED: larval cuticle protein LCP-30 isoform X1 [Drosop
>gi|1037011541|ref|XP 017150140.1| PREDICTED: larval cuticle protein LCP-30 isoform X2 [Drosop
>gi|1037011557|ref|XP_017150141.1| PREDICTED: larval cuticle protein LCP-30 isoform X3 [Drosop
>gi|1036945856|ref|XP_017146171.1| PREDICTED: endocuticle structural glycoprotein SgAbd-2 [Dros
>gi|1036936925|ref|XP_017145626.1| PREDICTED: odorant receptor 49a [Drosophila miranda]
>gi|1037019082|ref|XP_017150609.1| PREDICTED: endocuticle structural glycoprotein ABD-4 [Droso
>gi|1037021509|ref|XP_017150758.1| PREDICTED: endocuticle structural glycoprotein SgAbd-3 [Dros
>gi|1037021491|ref|XP_017150757.1| PREDICTED: endocuticle structural glycoprotein SgAbd-3 [Dros
>gi|1036936943|ref|XP_017145627.1| PREDICTED: uncharacterized protein LOC108157995 [Drosophila
>gi|1036936961|ref|XP 017145628.1| PREDICTED: uncharacterized protein LOC108157996 [Drosophila
>gi|1036946496|ref|XP_017146212.1| PREDICTED: uncharacterized protein LOC108158440 [Drosophila
>gi|1036942724|ref|XP_017145987.1| PREDICTED: endocuticle structural glycoprotein SgAbd-2 [Dros
>gi|1037022429|ref|XP 017150817.1| PREDICTED: uncharacterized protein LOC108161016 [Drosophila
>gi|1036944007|ref|XP_017146065.1| PREDICTED: 4-coumarate--CoA ligase 1-like [Drosophila miran-
>gi|1037020842|ref|XP 017150721.1| PREDICTED: 4-coumarate--CoA ligase-like 7 [Drosophila miran
>gi|1036969709|ref|XP_017147588.1| PREDICTED: 5-aminolevulinate synthase, erythroid-specific,
>gi|1036969858|ref|XP_017147598.1| PREDICTED: nuclear receptor 2C2-associated protein isoform
>gi|1036969838|ref|XP_017147597.1| PREDICTED: nuclear receptor 2C2-associated protein isoform
>gi|1036969818|ref|XP_017147596.1| PREDICTED: AP-3 complex subunit sigma-2 [Drosophila miranda
>gi|1036969800|ref|XP_017147594.1| PREDICTED: uncharacterized protein LOC108159122 [Drosophila
>gi|1036969764|ref|XP_017147592.1| PREDICTED: zinc finger protein 225 [Drosophila miranda]
>gi|1036969727|ref|XP_017147589.1| PREDICTED: anaphase-promoting complex subunit 2 [Drosophila
>gi|1036969746|ref|XP_017147591.1| PREDICTED: LOW QUALITY PROTEIN: anaphase-promoting complex
>gi|1036969782|ref|XP_017147593.1| PREDICTED: uncharacterized protein LOC108159121 [Drosophila
>gi|1037003404|ref|XP_017149652.1| PREDICTED: putative transcription factor SOX-14 [Drosophila
>gi|1037014730|ref|XP_017150337.1| PREDICTED: peptidylglycine alpha-hydroxylating monooxygenas
>gi|1037014748|ref|XP_017150338.1| PREDICTED: peptidylglycine alpha-hydroxylating monooxygenas
>gi|1037014764|ref|XP_017150339.1| PREDICTED: paxillin homolog 1 [Drosophila miranda]
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>gi|1037014782|ref|XP_017150340.1| PREDICTED: paxillin homolog 1 [Drosophila miranda]
>gi|1037014800|ref|XP_017150341.1| PREDICTED: paxillin homolog 1 [Drosophila miranda]
>gi|1037015278|ref|XP 017150370.1| PREDICTED: PAS domain-containing serine/threonine-protein k
>gi|1037015302|ref|XP_017150371.1| PREDICTED: oxysterol-binding protein-related protein 2 [Dros
>gi|1037015316|ref|XP 017150373.1| PREDICTED: oxysterol-binding protein-related protein 2 [Dro
>gi|1037003143|ref|XP_017149636.1| PREDICTED: muscle M-line assembly protein unc-89 isoform X2
>gi|1037003157|ref|XP 017149637.1| PREDICTED: muscle M-line assembly protein unc-89 isoform X3
>gi|1037003125|ref|XP_017149635.1| PREDICTED: muscle M-line assembly protein unc-89 isoform X1
>gi|1037003175|ref|XP 017149638.1| PREDICTED: muscle M-line assembly protein unc-89 isoform X4
>gi|1037003211|ref|XP_017149640.1| PREDICTED: muscle M-line assembly protein unc-89 isoform X6
>gi|1037003193|ref|XP_017149639.1| PREDICTED: muscle M-line assembly protein unc-89 isoform X5
>gi|1037003227|ref|XP_017149641.1| PREDICTED: muscle M-line assembly protein unc-89 isoform X7
>gi|1037007725|ref|XP_017149917.1| PREDICTED: synaptic vesicle 2-related protein isoform X1 [Di
>gi|1037007741|ref|XP_017149918.1| PREDICTED: synaptic vesicle 2-related protein isoform X1 [Di
>gi|1037007758|ref|XP_017149919.1| PREDICTED: synaptic vesicle 2-related protein isoform X2 [Di
>gi|1037007707|ref|XP_017149916.1| PREDICTED: radial spoke head protein 4 homolog A [Drosophile
>gi|1037007780|ref|XP_017149920.1| PREDICTED: uncharacterized protein LOC108160428 [Drosophila
>gi|1037021125|ref|XP 017150739.1| PREDICTED: xyloside xylosyltransferase 1 [Drosophila mirand
>gi|1037014886|ref|XP_017150346.1| PREDICTED: adenylate kinase [Drosophila miranda]
>gi|1037008898|ref|XP 017149987.1| PREDICTED: ejaculatory bulb-specific protein 3 [Drosophila 1
>gi|1037008916|ref|XP_017149988.1| PREDICTED: probable protein BRICK1-B [Drosophila miranda]
>gi|1036956912|ref|XP 017146847.1| PREDICTED: uncharacterized protein LOC108158748 [Drosophila
>gi|1036956962|ref|XP_017146850.1| PREDICTED: uncharacterized protein LOC108158751 [Drosophila
>gi|1036956894|ref|XP_017146846.1| PREDICTED: LIM domain-binding protein 2 [Drosophila miranda
>gi|1036956865|ref|XP_017146843.1| PREDICTED: inner nuclear membrane protein Man1 [Drosophila n
>gi|1036956878|ref|XP_017146844.1| PREDICTED: inner nuclear membrane protein Man1 [Drosophila 1
>gi|1036956930|ref|XP_017146848.1| PREDICTED: CCR4-NOT transcription complex subunit 11 [Droso
>gi|1036956844|ref|XP_017146842.1| PREDICTED: integrator complex subunit 1 [Drosophila miranda]
>gi|1036956945|ref|XP_017146849.1| PREDICTED: cofilin/actin-depolymerizing factor homolog [Dros
>gi|1036981965|ref|XP_017148350.1| PREDICTED: gamma-soluble NSF attachment protein [Drosophila
>gi|1036981873|ref|XP_017148344.1| PREDICTED: potassium voltage-gated channel subfamily H members
>gi|1036981889|ref|XP_017148345.1| PREDICTED: potassium voltage-gated channel subfamily H members
>gi|1036981907|ref|XP_017148346.1| PREDICTED: potassium voltage-gated channel subfamily H members
>gi|1036981929|ref|XP_017148348.1| PREDICTED: acid-sensing ion channel 5 isoform X1 [Drosophile
>gi|1036981947|ref|XP 017148349.1| PREDICTED: uncharacterized protein LOC108159503 isoform X2
>gi|1036982001|ref|XP_017148352.1| PREDICTED: eukaryotic translation initiation factor 5A [Dros
>gi|1036982019|ref|XP 017148353.1| PREDICTED: eukaryotic translation initiation factor 5A [Drop
>gi|1036981983|ref|XP_017148351.1| PREDICTED: 60S ribosomal protein L12 [Drosophila miranda]
>gi|1036982036|ref|XP_017148354.1| PREDICTED: 60S ribosomal protein L39 [Drosophila miranda]
>gi|1037006896|ref|XP_017149867.1| PREDICTED: ras-related protein Rap-2c [Drosophila miranda]
>gi|1037006926|ref|XP_017149869.1| PREDICTED: transcriptional coactivator yorkie isoform X2 [D:
>gi|1037006910|ref|XP_017149868.1| PREDICTED: transcriptional coactivator yorkie isoform X1 [Di
>gi|1036998087|ref|XP_017149336.1| PREDICTED: glycerol-3-phosphate acyltransferase 3 isoform X
>gi|1036998100|ref|XP_017149337.1| PREDICTED: glycerol-3-phosphate acyltransferase 3 isoform X
>gi|1036998117|ref|XP_017149339.1| PREDICTED: glycerol-3-phosphate acyltransferase 3-like isof
>gi|1036998187|ref|XP_017149343.1| PREDICTED: muscle LIM protein Mlp84B isoform X2 [Drosophila
>gi|1036998153|ref|XP_017149341.1| PREDICTED: muscle LIM protein 1 isoform X1 [Drosophila mirated
>gi|1036998171|ref|XP_017149342.1| PREDICTED: muscle LIM protein 1 isoform X1 [Drosophila mirated
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>gi|1036998135|ref|XP_017149340.1| PREDICTED: carboxylesterase 5A [Drosophila miranda]
>gi|1037013005|ref|XP_017150232.1| PREDICTED: MICOS complex subunit Mic10 [Drosophila miranda]
>gi|1037012989|ref|XP 017150231.1| PREDICTED: uncharacterized protein LOC108160623 [Drosophila
>gi|1036951336|ref|XP_017146517.1| PREDICTED: E3 ubiquitin-protein ligase RBBP6 isoform X1 [Dr
>gi|1036951350|ref|XP 017146518.1| PREDICTED: E3 ubiquitin-protein ligase RBBP6 isoform X1 [Dr.
>gi|1036951368|ref|XP_017146519.1| PREDICTED: E3 ubiquitin-protein ligase RBBP6 isoform X1 [Dr
>gi|1036951384|ref|XP_017146520.1| PREDICTED: E3 ubiquitin-protein ligase RBBP6 isoform X2 [Dr
>gi|1036951320|ref|XP_017146515.1| PREDICTED: serine/threonine-protein kinase Genghis Khan [Dr
>gi|1036951404|ref|XP_017146521.1| PREDICTED: histone acetyltransferase KAT6A isoform X1 [Dros
>gi|1036951450|ref|XP_017146524.1| PREDICTED: histone acetyltransferase KAT6A isoform X4 [Dros
>gi|1036951436|ref|XP_017146523.1| PREDICTED: histone acetyltransferase KAT6A isoform X3 [Dros
>gi|1036951422|ref|XP 017146522.1| PREDICTED: histone acetyltransferase KAT6A isoform X2 [Dros
>gi|1036962504|ref|XP_017147170.1| PREDICTED: helicase ARIP4 [Drosophila miranda]
>gi|1036936981|ref|XP_017145629.1| PREDICTED: beta-1,4-glucuronyltransferase 1 [Drosophila mire
>gi|1036936996|ref|XP_017145630.1| PREDICTED: uncharacterized protein LOC108157998 [Drosophila
>gi|1036962535|ref|XP_017147173.1| PREDICTED: myb-like protein P [Drosophila miranda]
>gi|1036962549|ref|XP_017147174.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1036962524|ref|XP_017147171.1| PREDICTED: protein tamozhennic [Drosophila miranda]
>gi|1037000551|ref|XP_017149479.1| PREDICTED: LOW QUALITY PROTEIN: programmed cell death prote
>gi|1037000535|ref|XP 017149478.1| PREDICTED: N-alpha-acetyltransferase, 35 NatC auxiliary sub
>gi|1037016989|ref|XP_017150469.1| PREDICTED: dopamine N-acetyltransferase isoform X1 [Drosoph
>gi|1037017015|ref|XP 017150470.1| PREDICTED: dopamine N-acetyltransferase isoform X2 [Drosoph
>gi|1036937014|ref|XP_017145631.1| PREDICTED: uncharacterized protein LOC108157999 [Drosophila
>gi|1036992833|ref|XP_017149009.1| PREDICTED: RNA polymerase II-associated protein 3 [Drosophi
>gi|1036992851|ref|XP_017149010.1| PREDICTED: uncharacterized protein LOC108159898 [Drosophila
>gi|1036992897|ref|XP_017149012.1| PREDICTED: 28S ribosomal protein S17, mitochondrial [Drosop
>gi|1036992881|ref|XP_017149011.1| PREDICTED: ras-related GTP-binding protein C [Drosophila mi
>gi|1037017063|ref|XP_017150474.1| PREDICTED: lactoylglutathione lyase [Drosophila miranda]
>gi|1036980607|ref|XP_017148267.1| PREDICTED: PDZ domain-containing protein GIPC3 [Drosophila 1
>gi|1036980558|ref|XP_017148263.1| PREDICTED: phosphatidate phosphatase LPIN3 isoform X3 [Dros
>gi|1036980592|ref|XP_017148266.1| PREDICTED: phosphatidate phosphatase LPIN3 isoform X5 [Drose
>gi|1036980504|ref|XP_017148260.1| PREDICTED: phosphatidate phosphatase LPIN1 isoform X1 [Dros
>gi|1036980522|ref|XP_017148261.1| PREDICTED: phosphatidate phosphatase LPIN1 isoform X1 [Dros
>gi|1036980576|ref|XP_017148265.1| PREDICTED: phosphatidate phosphatase LPIN1 isoform X4 [Dros
>gi|1036980540|ref|XP 017148262.1| PREDICTED: phosphatidate phosphatase LPIN1 isoform X2 [Dros-
>gi|1036980624|ref|XP_017148268.1| PREDICTED: general odorant-binding protein 99a [Drosophila 1
>gi|1036954610|ref|XP_017146718.1| PREDICTED: polyadenylate-binding protein 2 isoform X2 [Dros
>gi|1036954593|ref|XP_017146717.1| PREDICTED: polyadenylate-binding protein 2 isoform X1 [Dros
>gi|1036954640|ref|XP_017146719.1| PREDICTED: uncharacterized protein LOC108158695 [Drosophila
>gi|1036954522|ref|XP_017146713.1| PREDICTED: snRNA-activating protein complex subunit 3 [Dros
>gi|1036954540|ref|XP_017146714.1| PREDICTED: uncharacterized protein LOC108158692 [Drosophila
>gi|1036954575|ref|XP_017146715.1| PREDICTED: uncharacterized protein LOC108158693 [Drosophila
>gi|1036954506|ref|XP_017146712.1| PREDICTED: nuclear pore complex protein Nup50 [Drosophila m
>gi|1036954482|ref|XP_017146710.1| PREDICTED: arf-GAP with SH3 domain, ANK repeat and PH domain
>gi|1036954492|ref|XP_017146711.1| PREDICTED: arf-GAP with SH3 domain, ANK repeat and PH domain
>gi|1036960787|ref|XP_017147061.1| PREDICTED: cullin-4A [Drosophila miranda]
>gi|1036960838|ref|XP_017147062.1| PREDICTED: CSC1-like protein 2 [Drosophila miranda]
>gi|1036961006|ref|XP_017147075.1| PREDICTED: uncharacterized protein LOC108158855 [Drosophila
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>gi|1036960976|ref|XP_017147073.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036960994|ref|XP_017147074.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036960924|ref|XP_017147068.1| PREDICTED: solute carrier family 2, facilitated glucose trans
>gi|1036960956|ref|XP_017147070.1| PREDICTED: solute carrier family 2, facilitated glucose trans
>gi|1036960938|ref|XP_017147069.1| PREDICTED: solute carrier family 2, facilitated glucose trans
>gi|1036960854|ref|XP_017147063.1| PREDICTED: solute carrier family 2, facilitated glucose trans
>gi|1036960872|ref|XP 017147064.1| PREDICTED: solute carrier family 2, facilitated glucose tra
>gi|1036960908|ref|XP_017147067.1| PREDICTED: solute carrier family 2, facilitated glucose trans
>gi|1036960892|ref|XP_017147065.1| PREDICTED: solute carrier family 2, facilitated glucose trans
>gi|1037016215|ref|XP_017150422.1| PREDICTED: uncharacterized protein LOC108160741 [Drosophila
>gi|1036942872|ref|XP_017145996.1| PREDICTED: selenoprotein BthD [Drosophila miranda]
>gi|1037017662|ref|XP_017150513.1| PREDICTED: D-beta-hydroxybutyrate dehydrogenase, mitochondr
>gi|1037022463|ref|XP_017150819.1| PREDICTED: uncharacterized protein LOC108161018 [Drosophila
>gi|1037010961|ref|XP_017150104.1| PREDICTED: uncharacterized protein LOC108160548 [Drosophila
>gi|1036952659|ref|XP_017146593.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC2 [Dr
>gi|1036952774|ref|XP_017146600.1| PREDICTED: GTP-binding protein 128up [Drosophila miranda]
>gi|1036952812|ref|XP_017146604.1| PREDICTED: uncharacterized protein LOC108158634 [Drosophila
>gi|1036952725|ref|XP 017146597.1| PREDICTED: protein kinase C-binding protein 1 isoform X2 [Di
>gi|1036952707|ref|XP_017146596.1| PREDICTED: protein kinase C-binding protein 1 isoform X1 [Di
>gi|1036952742|ref|XP 017146598.1| PREDICTED: protein kinase C-binding protein 1 isoform X3 [Di
>gi|1036952756|ref|XP_017146599.1| PREDICTED: zinc finger protein 551 [Drosophila miranda]
>gi|1036952632|ref|XP 017146591.1| PREDICTED: uncharacterized protein LOC108158626 isoform X1
>gi|1036952646|ref|XP_017146592.1| PREDICTED: uncharacterized protein LOC108158626 isoform X2
>gi|1036952790|ref|XP_017146601.1| PREDICTED: tigger transposable element-derived protein 6 [Di
>gi|1036952671|ref|XP_017146595.1| PREDICTED: zinc finger protein 471 [Drosophila miranda]
>gi|1036952800|ref|XP_017146602.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1037017049|ref|XP_017150473.1| PREDICTED: uncharacterized protein LOC108160780 [Drosophila
>gi|1037017031|ref|XP_017150471.1| PREDICTED: uncharacterized protein LOC108160779 [Drosophila
>gi|1037015524|ref|XP_017150381.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037015561|ref|XP 017150384.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037015543|ref|XP_017150383.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X
>gi|1037018481|ref|XP_017150568.1| PREDICTED: centrosomal protein of 131 kDa isoform X3 [Droso
>gi|1037018446|ref|XP 017150566.1| PREDICTED: centrosomal protein of 131 kDa isoform X1 [Droso
>gi|1037018464|ref|XP_017150567.1| PREDICTED: centrosomal protein of 131 kDa isoform X2 [Droso
>gi|1037018498|ref|XP_017150569.1| PREDICTED: C-type lectin domain family 2 member D3-like [Dr
>gi|1036937032|ref|XP_017145632.1| PREDICTED: uncharacterized protein LOC108158000 [Drosophila
>gi|1037013432|ref|XP_017150257.1| PREDICTED: uncharacterized protein LOC108160639 isoform X1
>gi|1037013450|ref|XP_017150258.1| PREDICTED: uncharacterized protein LOC108160639 isoform X2
>gi|1037013468|ref|XP_017150259.1| PREDICTED: uncharacterized protein LOC108160639 isoform X3
>gi|1037013496|ref|XP_017150261.1| PREDICTED: uncharacterized protein LOC108160640 [Drosophila
>gi|1037013317|ref|XP_017150250.1| PREDICTED: uncharacterized protein LOC108160633 isoform X2
>gi|1037013299|ref|XP_017150249.1| PREDICTED: uncharacterized protein LOC108160633 isoform X1
>gi|1037013335|ref|XP 017150251.1| PREDICTED: uncharacterized protein LOC108160633 isoform X3
>gi|1037008484|ref|XP_017149962.1| PREDICTED: phosphoenolpyruvate carboxykinase [GTP] [Drosoph
>gi|1036999022|ref|XP_017149394.1| PREDICTED: phosphoenolpyruvate carboxykinase [GTP] [Drosoph
>gi|1036998973|ref|XP_017149392.1| PREDICTED: sodium-dependent neutral amino acid transporter
>gi|1036998991|ref|XP_017149393.1| PREDICTED: sodium-dependent neutral amino acid transporter
>gi|1037010292|ref|XP_017150068.1| PREDICTED: E3 ubiquitin-protein ligase RNF25 [Drosophila mi
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>gi|1036948552|ref|XP 017146339.1| PREDICTED: dystonin isoform X34 [Drosophila miranda]
>gi|1036948570|ref|XP_017146340.1| PREDICTED: dystonin isoform X35 [Drosophila miranda]
>gi|1036948519|ref|XP_017146337.1| PREDICTED: dystonin isoform X32 [Drosophila miranda]
>gi|1036948534|ref|XP_017146338.1| PREDICTED: dystonin isoform X33 [Drosophila miranda]
>gi|1036948484|ref|XP 017146335.1| PREDICTED: dystonin isoform X30 [Drosophila miranda]
>gi|1036948466|ref|XP_017146334.1| PREDICTED: dystonin isoform X29 [Drosophila miranda]
>gi|1036948242|ref|XP 017146320.1| PREDICTED: dystonin isoform X16 [Drosophila miranda]
>gi|1036948501|ref|XP_017146336.1| PREDICTED: dystonin isoform X31 [Drosophila miranda]
>gi|1036948224|ref|XP_017146319.1| PREDICTED: uncharacterized protein LOC108158501 isoform X15
>gi|1036948209|ref|XP_017146318.1| PREDICTED: uncharacterized protein LOC108158501 isoform X14
>gi|1036948638|ref|XP_017146345.1| PREDICTED: dystonin isoform X39 [Drosophila miranda]
>gi|1036948378|ref|XP 017146329.1| PREDICTED: dystonin isoform X24 [Drosophila miranda]
>gi|1036948346|ref|XP_017146327.1| PREDICTED: dystonin isoform X22 [Drosophila miranda]
>gi|1036948364|ref|XP_017146328.1| PREDICTED: dystonin isoform X23 [Drosophila miranda]
>gi|1036948313|ref|XP 017146324.1| PREDICTED: dystonin isoform X20 [Drosophila miranda]
>gi|1036948295|ref|XP 017146323.1| PREDICTED: dystonin isoform X19 [Drosophila miranda]
>gi|1036948115|ref|XP_017146313.1| PREDICTED: uncharacterized protein LOC108158501 isoform X9
>gi|1036948031|ref|XP_017146307.1| PREDICTED: uncharacterized protein LOC108158501 isoform X4
>gi|1036948622|ref|XP_017146344.1| PREDICTED: dystonin isoform X38 [Drosophila miranda]
>gi|1036948604|ref|XP 017146343.1| PREDICTED: dystonin isoform X37 [Drosophila miranda]
>gi|1036948586|ref|XP 017146342.1| PREDICTED: dystonin isoform X36 [Drosophila miranda]
>gi|1036948331|ref|XP 017146326.1| PREDICTED: dystonin isoform X21 [Drosophila miranda]
>gi|1036948278|ref|XP_017146322.1| PREDICTED: dystonin isoform X18 [Drosophila miranda]
>gi|1036948142|ref|XP_017146315.1| PREDICTED: uncharacterized protein LOC108158501 isoform X11
>gi|1036947996|ref|XP_017146305.1| PREDICTED: uncharacterized protein LOC108158501 isoform X2
>gi|1036948159|ref|XP_017146316.1| PREDICTED: uncharacterized protein LOC108158501 isoform X12
>gi|1036948081|ref|XP_017146311.1| PREDICTED: uncharacterized protein LOC108158501 isoform X7
>gi|1036948098|ref|XP_017146312.1| PREDICTED: uncharacterized protein LOC108158501 isoform X8
>gi|1036948013|ref|XP_017146306.1| PREDICTED: uncharacterized protein LOC108158501 isoform X3
>gi|1036948066|ref|XP 017146310.1| PREDICTED: uncharacterized protein LOC108158501 isoform X6
>gi|1036948128|ref|XP_017146314.1| PREDICTED: uncharacterized protein LOC108158501 isoform X10
>gi|1036947978|ref|XP_017146304.1| PREDICTED: uncharacterized protein LOC108158501 isoform X1
>gi|1036948049|ref|XP_017146308.1| PREDICTED: uncharacterized protein LOC108158501 isoform X5
>gi|1036948676|ref|XP_017146347.1| PREDICTED: dystonin isoform X41 [Drosophila miranda]
>gi|1036948656|ref|XP 017146346.1| PREDICTED: dystonin isoform X40 [Drosophila miranda]
>gi|1036948449|ref|XP 017146333.1| PREDICTED: dystonin isoform X28 [Drosophila miranda]
>gi|1036948432|ref|XP 017146332.1| PREDICTED: dystonin isoform X27 [Drosophila miranda]
>gi|1036948396|ref|XP_017146330.1| PREDICTED: dystonin isoform X25 [Drosophila miranda]
>gi|1036948414|ref|XP_017146331.1| PREDICTED: dystonin isoform X26 [Drosophila miranda]
>gi|1036948712|ref|XP_017146349.1| PREDICTED: uncharacterized protein LOC108158501 isoform X43
>gi|1036948192|ref|XP_017146317.1| PREDICTED: uncharacterized protein LOC108158501 isoform X13
>gi|1036948694|ref|XP_017146348.1| PREDICTED: dystonin isoform X42 [Drosophila miranda]
>gi|1036948260|ref|XP 017146321.1| PREDICTED: uncharacterized protein LOC108158501 isoform X17
>gi|1036965819|ref|XP 017147364.1| PREDICTED: protein argonaute-2 isoform X2 [Drosophila miran
>gi|1036965782|ref|XP_017147362.1| PREDICTED: protein argonaute-2 isoform X1 [Drosophila miran-
>gi|1036965800|ref|XP 017147363.1| PREDICTED: protein argonaute-2 isoform X1 [Drosophila miran
>gi|1036965833|ref|XP_017147366.1| PREDICTED: protein argonaute-2 isoform X3 [Drosophila miran-
>gi|1036965901|ref|XP_017147370.1| PREDICTED: 39S ribosomal protein L53, mitochondrial [Drosop
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>gi|1036965922|ref|XP_017147371.1| PREDICTED: uncharacterized protein LOC108159008 [Drosophila
>gi|1036965867|ref|XP_017147368.1| PREDICTED: proteasomal ubiquitin receptor ADRM1 homolog isom
>gi|1036965849|ref|XP_017147367.1| PREDICTED: proteasomal ubiquitin receptor ADRM1 homolog iso
>gi|1036965883|ref|XP_017147369.1| PREDICTED: putative nuclease HARBI1 [Drosophila miranda]
>gi|1036979409|ref|XP 017148189.1| PREDICTED: golgin subfamily A member 1 [Drosophila miranda]
>gi|1036979341|ref|XP_017148184.1| PREDICTED: centrosomin isoform X1 [Drosophila miranda]
>gi|1036979358|ref|XP 017148185.1| PREDICTED: centrosomin isoform X2 [Drosophila miranda]
>gi|1036979375|ref|XP_017148186.1| PREDICTED: centrosomin isoform X2 [Drosophila miranda]
>gi|1036979425|ref|XP_017148190.1| PREDICTED: lysozyme 1 [Drosophila miranda]
>gi|1036979392|ref|XP_017148187.1| PREDICTED: centrosomin isoform X3 [Drosophila miranda]
>gi|1036987117|ref|XP_017148668.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1036987133|ref|XP_017148669.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1036987151|ref|XP_017148670.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1036987169|ref|XP_017148672.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1036980875|ref|XP_017148284.1| PREDICTED: LOW QUALITY PROTEIN: protein CLP1 homolog [Droso
>gi|1036980889|ref|XP_017148285.1| PREDICTED: histone H3-like centromeric protein cid [Drosoph
>gi|1036980977|ref|XP_017148290.1| PREDICTED: cholinephosphotransferase 1 isoform X4 [Drosophi
>gi|1036980915|ref|XP_017148287.1| PREDICTED: cholinephosphotransferase 1 isoform X2 [Drosophi
>gi|1036980943|ref|XP_017148288.1| PREDICTED: cholinephosphotransferase 1 isoform X3 [Drosophi
>gi|1036980903|ref|XP_017148286.1| PREDICTED: cholinephosphotransferase 1 isoform X1 [Drosophi
>gi|1036980961|ref|XP_017148289.1| PREDICTED: cholinephosphotransferase 1 isoform X1 [Drosophi
>gi|1037009641|ref|XP 017150034.1| PREDICTED: protein enhancer of sevenless 2B [Drosophila mire
>gi|1036937050|ref|XP_017145633.1| PREDICTED: uncharacterized protein LOC108158002 [Drosophila
>gi|1036963963|ref|XP_017147258.1| PREDICTED: guanylate kinase-associated protein mars isoform
>gi|1036963982|ref|XP_017147259.1| PREDICTED: guanylate kinase-associated protein mars isoform
>gi|1036963944|ref|XP_017147256.1| PREDICTED: protein lin-54 homolog isoform X4 [Drosophila mi
>gi|1036963910|ref|XP_017147254.1| PREDICTED: protein lin-54 homolog isoform X3 [Drosophila mi
>gi|1036963928|ref|XP_017147255.1| PREDICTED: protein lin-54 homolog isoform X3 [Drosophila mi
>gi|1036963889|ref|XP_017147253.1| PREDICTED: protein lin-54 homolog isoform X2 [Drosophila mi
>gi|1036964102|ref|XP_017147265.1| PREDICTED: elongation factor Tu [Drosophila miranda]
>gi|1036963871|ref|XP_017147252.1| PREDICTED: protein lin-54 homolog isoform X1 [Drosophila mi
>gi|1036964058|ref|XP_017147263.1| PREDICTED: uncharacterized protein LOC108158948 isoform X1
>gi|1036964084|ref|XP 017147264.1| PREDICTED: protein split ends isoform X2 [Drosophila mirand
>gi|1036964037|ref|XP_017147262.1| PREDICTED: synaptic vesicular amine transporter isoform X2
>gi|1036964000|ref|XP 017147260.1| PREDICTED: synaptic vesicular amine transporter isoform X1
>gi|1036964019|ref|XP_017147261.1| PREDICTED: synaptic vesicular amine transporter isoform X1
>gi|1036964119|ref|XP 017147267.1| PREDICTED: uncharacterized protein LOC108158950 [Drosophila
>gi|1036964133|ref|XP_017147268.1| PREDICTED: uncharacterized protein LOC108158951 [Drosophila
>gi|1036974213|ref|XP_017147865.1| PREDICTED: NAD kinase isoform X4 [Drosophila miranda]
>gi|1036974177|ref|XP_017147863.1| PREDICTED: NAD kinase isoform X2 [Drosophila miranda]
>gi|1036974159|ref|XP_017147862.1| PREDICTED: NAD kinase isoform X1 [Drosophila miranda]
>gi|1036974227|ref|XP_017147866.1| PREDICTED: NAD kinase isoform X5 [Drosophila miranda]
>gi|1036974195|ref|XP_017147864.1| PREDICTED: NAD kinase isoform X3 [Drosophila miranda]
>gi|1036974245|ref|XP_017147867.1| PREDICTED: NAD kinase isoform X6 [Drosophila miranda]
>gi|1036974317|ref|XP_017147872.1| PREDICTED: NAD kinase-like isoform X4 [Drosophila miranda]
>gi|1036974281|ref|XP_017147869.1| PREDICTED: NAD kinase-like isoform X2 [Drosophila miranda]
>gi|1036974263|ref|XP_017147868.1| PREDICTED: NAD kinase-like isoform X1 [Drosophila miranda]
>gi|1036974299|ref|XP_017147871.1| PREDICTED: NAD kinase-like isoform X3 [Drosophila miranda]
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>gi|1036974352|ref|XP_017147874.1| PREDICTED: grpE protein homolog, mitochondrial [Drosophila i
>gi|1036974334|ref|XP_017147873.1| PREDICTED: uncharacterized protein LOC108159254 [Drosophila
>gi|1036944974|ref|XP_017146118.1| PREDICTED: uncharacterized protein LOC108158375 [Drosophila
>gi|1036945009|ref|XP_017146120.1| PREDICTED: uncharacterized protein LOC108158379 [Drosophila
>gi|1037015330|ref|XP_017150374.1| PREDICTED: retinal homeobox protein Rx-B [Drosophila mirand
>gi|1037004295|ref|XP_017149705.1| PREDICTED: uncharacterized protein LOC108160303 [Drosophila
>gi|1037004281|ref|XP 017149703.1| PREDICTED: actin-57B [Drosophila miranda]
>gi|1037019712|ref|XP_017150648.1| PREDICTED: retinal homeobox protein Rx [Drosophila miranda]
>gi|1036943266|ref|XP_017146021.1| PREDICTED: LOW QUALITY PROTEIN: carbonic anhydrase-related
>gi|1036994804|ref|XP_017149132.1| PREDICTED: homeobox protein orthopedia [Drosophila miranda]
>gi|1036994772|ref|XP_017149130.1| PREDICTED: calcium and integrin-binding family member 2 iso
>gi|1036994786|ref|XP_017149131.1| PREDICTED: calcium and integrin-binding family member 2 iso
>gi|1036994750|ref|XP_017149129.1| PREDICTED: calcium and integrin-binding family member 2 iso
>gi|1036994634|ref|XP_017149122.1| PREDICTED: inositol-pentakisphosphate 2-kinase [Drosophila 1
>gi|1036994653|ref|XP_017149123.1| PREDICTED: inositol-pentakisphosphate 2-kinase [Drosophila i
>gi|1036994668|ref|XP_017149124.1| PREDICTED: inositol-pentakisphosphate 2-kinase [Drosophila i
>gi|1036994680|ref|XP_017149125.1| PREDICTED: inositol-pentakisphosphate 2-kinase [Drosophila i
>gi|1036994700|ref|XP 017149126.1| PREDICTED: inositol-pentakisphosphate 2-kinase [Drosophila |
>gi|1036994718|ref|XP_017149127.1| PREDICTED: inositol-pentakisphosphate 2-kinase [Drosophila i
>gi|1036994734|ref|XP 017149128.1| PREDICTED: inositol-pentakisphosphate 2-kinase [Drosophila 1
>gi|1036942854|ref|XP_017145995.1| PREDICTED: immune-induced peptide 14 [Drosophila miranda]
>gi|1037020657|ref|XP_017150708.1| PREDICTED: immune-induced peptide 4 [Drosophila miranda]
>gi|1037020645|ref|XP_017150707.1| PREDICTED: carbonic anhydrase 1 [Drosophila miranda]
>gi|1037022150|ref|XP 017150799.1| PREDICTED: luciferin 4-monooxygenase [Drosophila miranda]
>gi|1037021583|ref|XP_017150764.1| PREDICTED: luciferin 4-monooxygenase [Drosophila miranda]
>gi|1036988537|ref|XP_017148750.1| PREDICTED: phosphatidylinositol 4-phosphate 5-kinase type-1
>gi|1036988520|ref|XP_017148749.1| PREDICTED: uncharacterized protein LOC108159728 [Drosophila
>gi|1036946428|ref|XP_017146208.1| PREDICTED: uncharacterized protein LOC108158436 [Drosophila
>gi|1036937068|ref|XP_017145634.1| PREDICTED: extensin-like [Drosophila miranda]
>gi|1036937085|ref|XP_017145635.1| PREDICTED: uncharacterized protein LOC108158004 [Drosophila
>gi|1036937100|ref|XP_017145637.1| PREDICTED: uncharacterized protein PB18E9.04c-like [Drosoph
>gi|1036937115|ref|XP_017145638.1| PREDICTED: uncharacterized protein LOC108158006 [Drosophila
>gi|1036937133|ref|XP_017145639.1| PREDICTED: ras-associated and pleckstrin homology domains-c
>gi|1036937147|ref|XP_017145640.1| PREDICTED: histone-lysine N-methyltransferase SETD1A [Droso
>gi|1037013055|ref|XP 017150235.1| PREDICTED: uncharacterized protein LOC108160626 isoform X2
>gi|1037013039|ref|XP_017150234.1| PREDICTED: Down syndrome cell adhesion molecule homolog iso
>gi|1037013091|ref|XP_017150237.1| PREDICTED: tyrosine-protein kinase receptor TYRO3 isoform X-
>gi|1037013073|ref|XP_017150236.1| PREDICTED: tyrosine-protein kinase receptor TYRO3 isoform X
>gi|1037013023|ref|XP_017150233.1| PREDICTED: E3 ubiquitin-protein ligase MARCH4 [Drosophila m
>gi|1036943791|ref|XP_017146052.1| PREDICTED: uncharacterized protein LOC108158323 [Drosophila
>gi|1036937167|ref|XP_017145641.1| PREDICTED: uncharacterized protein LOC108158009 [Drosophila
>gi|1036937189|ref|XP_017145642.1| PREDICTED: putative gustatory receptor 57a [Drosophila mirat
>gi|1036960713|ref|XP_017147056.1| PREDICTED: MIP18 family protein CG30152 [Drosophila miranda]
>gi|1036960646|ref|XP_017147052.1| PREDICTED: maternal protein exuperantia-1 [Drosophila mirane
>gi|1036960660|ref|XP_017147053.1| PREDICTED: maternal protein exuperantia-1 [Drosophila miran-
>gi|1036960612|ref|XP_017147050.1| PREDICTED: protein fem-1 homolog B isoform X1 [Drosophila m
>gi|1036960630|ref|XP_017147051.1| PREDICTED: protein fem-1 homolog B isoform X2 [Drosophila m
>gi|1036960769|ref|XP_017147060.1| PREDICTED: uncharacterized protein LOC108158848 [Drosophila
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>gi|1036960595|ref|XP_017147049.1| PREDICTED: slit homolog 3 protein [Drosophila miranda]
>gi|1036960689|ref|XP_017147055.1| PREDICTED: lysozyme [Drosophila miranda]
>gi|1036960735|ref|XP 017147057.1| PREDICTED: lysozyme isoform X1 [Drosophila miranda]
>gi|1036960751|ref|XP_017147059.1| PREDICTED: lysozyme isoform X2 [Drosophila miranda]
>gi|1036960675|ref|XP 017147054.1| PREDICTED: DNA methyltransferase 1-associated protein 1 [Dr.
>gi|1036952586|ref|XP_017146589.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC10 [D:
>gi|1036952536|ref|XP 017146585.1| PREDICTED: yrdC domain-containing protein, mitochondrial [Di
>gi|1036952553|ref|XP_017146587.1| PREDICTED: mitochondrial inner membrane protease subunit 2
>gi|1036952570|ref|XP_017146588.1| PREDICTED: transcription factor MafG [Drosophila miranda]
>gi|1036952604|ref|XP_017146590.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1036952437|ref|XP_017146579.1| PREDICTED: protein rigor mortis [Drosophila miranda]
>gi|1036952484|ref|XP_017146582.1| PREDICTED: UPF0704 protein C6orf165 homolog [Drosophila mire
>gi|1036952500|ref|XP_017146583.1| PREDICTED: uncharacterized protein LOC108158619 [Drosophila
>gi|1036952420|ref|XP_017146578.1| PREDICTED: WASH complex subunit FAM21 homolog [Drosophila m
>gi|1036952454|ref|XP_017146580.1| PREDICTED: PIN2/TERF1-interacting telomerase inhibitor 1 is
>gi|1036952469|ref|XP 017146581.1| PREDICTED: PIN2/TERF1-interacting telomerase inhibitor 1 is
>gi|1036952518|ref|XP_017146584.1| PREDICTED: DDB1- and CUL4-associated factor 11 [Drosophila in the content of the content of
>gi|1036980230|ref|XP 017148244.1| PREDICTED: uncharacterized protein LOC108159457 isoform X1
>gi|1036980250|ref|XP_017148245.1| PREDICTED: uncharacterized protein LOC108159457 isoform X1
>gi|1036980272|ref|XP 017148246.1| PREDICTED: uncharacterized protein LOC108159457 isoform X1
>gi|1036980290|ref|XP_017148247.1| PREDICTED: kyphoscoliosis peptidase isoform X2 [Drosophila i
>gi|1036980308|ref|XP 017148248.1| PREDICTED: kyphoscoliosis peptidase isoform X3 [Drosophila 1
>gi|1036980328|ref|XP_017148249.1| PREDICTED: heterogeneous nuclear ribonucleoprotein K isoform
>gi|1036980362|ref|XP_017148252.1| PREDICTED: glycine-rich cell wall structural protein 1 isof
>gi|1036980380|ref|XP_017148253.1| PREDICTED: glycine-rich cell wall structural protein 1 isof
>gi|1036980345|ref|XP_017148251.1| PREDICTED: heterogeneous nuclear ribonucleoprotein K isoform
>gi|1037016765|ref|XP 017150455.1| PREDICTED: uncharacterized protein LOC108160765 [Drosophila
>gi|1037009946|ref|XP_017150047.1| PREDICTED: uncharacterized protein LOC108160513 isoform X1
>gi|1037009964|ref|XP_017150048.1| PREDICTED: uncharacterized protein LOC108160513 isoform X2
>gi|1037009982|ref|XP 017150049.1| PREDICTED: uncharacterized protein LOC108160513 isoform X2
>gi|1037010002|ref|XP_017150050.1| PREDICTED: uncharacterized protein LOC108160513 isoform X3
>gi|1036964980|ref|XP_017147314.1| PREDICTED: proteasome subunit alpha type-6 [Drosophila mirated
>gi|1036964994|ref|XP_017147315.1| PREDICTED: proteasome subunit alpha type-6 [Drosophila mirated
>gi|1036964936|ref|XP_017147310.1| PREDICTED: deoxyribodipyrimidine photo-lyase [Drosophila mi
>gi|1036964918|ref|XP 017147309.1| PREDICTED: exocyst complex component 3 [Drosophila miranda]
>gi|1036964849|ref|XP_017147305.1| PREDICTED: ubiquitin-like modifier-activating enzyme ATG7 is
>gi|1036964887|ref|XP 017147307.1| PREDICTED: ubiquitin-like modifier-activating enzyme ATG7 is
>gi|1036964865|ref|XP_017147306.1| PREDICTED: ubiquitin-like modifier-activating enzyme ATG7 is
>gi|1036964967|ref|XP_017147313.1| PREDICTED: LOW QUALITY PROTEIN: 32 kDa beta-galactoside-bin-
>gi|1036964903|ref|XP_017147308.1| PREDICTED: cysteine dioxygenase type 1-like isoform X4 [Dros
>gi|1036965059|ref|XP_017147318.1| PREDICTED: protein FAM136A [Drosophila miranda]
>gi|1036965011|ref|XP_017147316.1| PREDICTED: protein FAM136A [Drosophila miranda]
>gi|1036965041|ref|XP_017147317.1| PREDICTED: 28S ribosomal protein S28, mitochondrial [Drosop
>gi|1036964951|ref|XP_017147312.1| PREDICTED: probable inactive tRNA-specific adenosine deaming
>gi|1036944139|ref|XP_017146073.1| PREDICTED: uncharacterized protein LOC108158345 [Drosophila
>gi|1036990509|ref|XP_017148874.1| PREDICTED: uncharacterized protein LOC108159815 isoform X1
>gi|1036990535|ref|XP_017148875.1| PREDICTED: uncharacterized protein LOC108159815 isoform X2
>gi|1037001679|ref|XP_017149550.1| PREDICTED: uncharacterized protein LOC108160213 isoform X2
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>gi|1037001612|ref|XP_017149545.1| PREDICTED: skin secretory protein xP2 isoform X4 [Drosophile
>gi|1037001597|ref|XP_017149544.1| PREDICTED: skin secretory protein xP2 isoform X3 [Drosophile
>gi|1037001579|ref|XP_017149543.1| PREDICTED: skin secretory protein xP2 isoform X2 [Drosophile
>gi|1037001563|ref|XP_017149542.1| PREDICTED: skin secretory protein xP2 isoform X1 [Drosophile
>gi|1037001628|ref|XP 017149546.1| PREDICTED: retinitis pigmentosa 1-like 1 protein [Drosophile
>gi|1037001662|ref|XP_017149548.1| PREDICTED: uncharacterized protein LOC108160213 isoform X1
>gi|1037001644|ref|XP 017149547.1| PREDICTED: uncharacterized protein LOC108160212 [Drosophila
>gi|1036998610|ref|XP_017149369.1| PREDICTED: nephrin isoform X1 [Drosophila miranda]
>gi|1036998628|ref|XP_017149370.1| PREDICTED: nephrin isoform X2 [Drosophila miranda]
>gi|1036986340|ref|XP_017148621.1| PREDICTED: protein charlatan isoform X1 [Drosophila miranda]
>gi|1036986374|ref|XP_017148622.1| PREDICTED: protein charlatan isoform X1 [Drosophila miranda]
>gi|1036986400|ref|XP 017148624.1| PREDICTED: protein charlatan isoform X2 [Drosophila miranda
>gi|1036986416|ref|XP_017148625.1| PREDICTED: protein charlatan isoform X3 [Drosophila miranda
>gi|1036940909|ref|XP_017145879.1| PREDICTED: DNA-directed RNA polymerases I, II, and III subu
>gi|1036978730|ref|XP_017148145.1| PREDICTED: protein vestigial-like [Drosophila miranda]
>gi|1036978694|ref|XP_017148143.1| PREDICTED: aspartate--tRNA ligase, cytoplasmic-like isoform
>gi|1036978712|ref|XP_017148144.1| PREDICTED: aspartate--tRNA ligase, cytoplasmic-like isoform
>gi|1036978765|ref|XP 017148147.1| PREDICTED: protein lifeguard 1-like isoform X2 [Drosophila |
>gi|1036978748|ref|XP_017148146.1| PREDICTED: protein lifeguard 1-like isoform X1 [Drosophila i
>gi|1036978800|ref|XP 017148149.1| PREDICTED: protein lifeguard 1-like isoform X2 [Drosophila 1
>gi|1036978782|ref|XP_017148148.1| PREDICTED: protein lifeguard 1-like isoform X1 [Drosophila i
>gi|1036978818|ref|XP_017148150.1| PREDICTED: protein lifeguard 1-like isoform X3 [Drosophila i
>gi|1036978660|ref|XP_017148140.1| PREDICTED: carcinine transporter-like isoform X1 [Drosophile
>gi|1036978676|ref|XP_017148141.1| PREDICTED: carcinine transporter-like isoform X2 [Drosophile
>gi|1036978836|ref|XP_017148153.1| PREDICTED: transcription factor BTF3 homolog 4-like [Drosop
>gi|1036937205|ref|XP_017145643.1| PREDICTED: 50S ribosomal protein L3, partial [Drosophila mi
>gi|1036944958|ref|XP_017146117.1| PREDICTED: carbonic anhydrase 4-like, partial [Drosophila m
>gi|1036937221|ref|XP_017145644.1| PREDICTED: focadhesin-like [Drosophila miranda]
>gi|1036986438|ref|XP_017148626.1| PREDICTED: uncharacterized protein LOC108159660 [Drosophila
>gi|1036986459|ref|XP_017148627.1| PREDICTED: focadhesin-like [Drosophila miranda]
>gi|1037014266|ref|XP_017150308.1| PREDICTED: uncharacterized protein LOC108160673 isoform X1
>gi|1037014284|ref|XP_017150309.1| PREDICTED: uncharacterized protein LOC108160673 isoform X2
>gi|1037014300|ref|XP 017150310.1| PREDICTED: uncharacterized protein LOC108160675 [Drosophila
>gi|1037017353|ref|XP_017150494.1| PREDICTED: uncharacterized protein LOC108160794 isoform X2
>gi|1037017370|ref|XP 017150495.1| PREDICTED: uncharacterized protein LOC108160794 isoform X3
>gi|1037017336|ref|XP_017150493.1| PREDICTED: uncharacterized protein LOC108160794 isoform X1
>gi|1037017384|ref|XP 017150496.1| PREDICTED: uncharacterized protein LOC108160794 isoform X4
>gi|1036937254|ref|XP_017145645.1| PREDICTED: uncharacterized protein LOC108158014 [Drosophila
>gi|1037017319|ref|XP_017150492.1| PREDICTED: odorant receptor 59a [Drosophila miranda]
>gi|1037016628|ref|XP_017150447.1| PREDICTED: uncharacterized protein LOC108160758 [Drosophila
>gi|1037016664|ref|XP_017150449.1| PREDICTED: S-phase kinase-associated protein 1 [Drosophila i
>gi|1037016648|ref|XP_017150448.1| PREDICTED: odorant receptor 59b [Drosophila miranda]
>gi|1036936019|ref|XP 017145566.1| PREDICTED: putative odorant receptor 59c [Drosophila mirand
>gi|1037016682|ref|XP_017150450.1| PREDICTED: uncharacterized protein LOC108160761 [Drosophila
>gi|1036943862|ref|XP_017146057.1| PREDICTED: uncharacterized protein LOC108158327 [Drosophila
>gi|1037021021|ref|XP_017150732.1| PREDICTED: uncharacterized protein LOC108160952 [Drosophila
>gi|1037011453|ref|XP_017150135.1| PREDICTED: vacuolar protein sorting-associated protein 21 is
>gi|1037011433|ref|XP_017150134.1| PREDICTED: ras-related protein RHN1 isoform X1 [Drosophila i
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>gi|1037011471|ref|XP_017150136.1| PREDICTED: ras-related protein Rab-21 isoform X3 [Drosophile
>gi|1037011489|ref|XP_017150137.1| PREDICTED: ras-related protein Rab-21 isoform X3 [Drosophile
>gi|1036973216|ref|XP_017147805.1| PREDICTED: uncharacterized protein LOC108159219 isoform X1
>gi|1036973239|ref|XP_017147806.1| PREDICTED: uncharacterized protein LOC108159219 isoform X1
>gi|1036973255|ref|XP 017147808.1| PREDICTED: uncharacterized protein LOC108159219 isoform X2
>gi|1036973293|ref|XP_017147810.1| PREDICTED: protein brown isoform X1 [Drosophila miranda]
>gi|1036973326|ref|XP 017147811.1| PREDICTED: protein brown isoform X2 [Drosophila miranda]
>gi|1036973393|ref|XP_017147816.1| PREDICTED: pickpocket protein 19 [Drosophila miranda]
>gi|1036973343|ref|XP 017147812.1| PREDICTED: protein msta [Drosophila miranda]
>gi|1036973358|ref|XP_017147813.1| PREDICTED: protein msta [Drosophila miranda]
>gi|1036973200|ref|XP_017147804.1| PREDICTED: 5-oxoprolinase [Drosophila miranda]
>gi|1036973375|ref|XP_017147814.1| PREDICTED: sodium/potassium-transporting ATPase subunit alp
>gi|1036973275|ref|XP_017147809.1| PREDICTED: sodium/potassium-transporting ATPase subunit alp
>gi|1037021794|ref|XP_017150779.1| PREDICTED: uncharacterized protein LOC108160986 [Drosophila
>gi|1036991842|ref|XP_017148945.1| PREDICTED: pickpocket protein 28 [Drosophila miranda]
>gi|1036991860|ref|XP_017148946.1| PREDICTED: probable palmitoyltransferase ZDHHC24 [Drosophile
>gi|1036991878|ref|XP_017148947.1| PREDICTED: uncharacterized protein LOC108159859 [Drosophila
>gi|1036991828|ref|XP_017148944.1| PREDICTED: DNA repair protein RAD50 [Drosophila miranda]
>gi|1037002216|ref|XP_017149585.1| PREDICTED: 28S ribosomal protein S29, mitochondrial [Drosop
>gi|1037002234|ref|XP 017149587.1| PREDICTED: KH domain-containing, RNA-binding, signal transd
>gi|1036987619|ref|XP_017148698.1| PREDICTED: KH domain-containing, RNA-binding, signal transd
>gi|1036987707|ref|XP 017148703.1| PREDICTED: DNA polymerase epsilon subunit 4 [Drosophila mire
>gi|1036987637|ref|XP_017148699.1| PREDICTED: KH domain-containing, RNA-binding, signal transd
>gi|1036987654|ref|XP_017148700.1| PREDICTED: KH domain-containing, RNA-binding, signal transd
>gi|1036987689|ref|XP_017148702.1| PREDICTED: ventrally expressed gene D protein [Drosophila m
>gi|1036987671|ref|XP_017148701.1| PREDICTED: uncharacterized protein LOC108159699 [Drosophila
>gi|1036999369|ref|XP_017149413.1| PREDICTED: uncharacterized protein LOC108160129 [Drosophila
>gi|1036999317|ref|XP_017149410.1| PREDICTED: protein amalgam [Drosophila miranda]
>gi|1036999352|ref|XP_017149412.1| PREDICTED: immunoglobulin superfamily member 10 [Drosophila
>gi|1037002463|ref|XP_017149600.1| PREDICTED: RNA polymerase-associated protein Rtf1 [Drosophi
>gi|1036967941|ref|XP_017147486.1| PREDICTED: uncharacterized protein LOC108159058 isoform X1
>gi|1036967954|ref|XP_017147487.1| PREDICTED: uncharacterized protein LOC108159058 isoform X2
>gi|1036967755|ref|XP_017147475.1| PREDICTED: kazrin isoform X1 [Drosophila miranda]
>gi|1036967770|ref|XP_017147477.1| PREDICTED: kazrin isoform X1 [Drosophila miranda]
>gi|1036967785|ref|XP 017147478.1| PREDICTED: kazrin isoform X1 [Drosophila miranda]
>gi|1036967801|ref|XP_017147479.1| PREDICTED: kazrin isoform X1 [Drosophila miranda]
>gi|1036967817|ref|XP 017147480.1| PREDICTED: kazrin isoform X1 [Drosophila miranda]
>gi|1036967833|ref|XP_017147481.1| PREDICTED: kazrin isoform X1 [Drosophila miranda]
>gi|1036967849|ref|XP_017147482.1| PREDICTED: kazrin-A isoform X2 [Drosophila miranda]
>gi|1036967867|ref|XP_017147483.1| PREDICTED: kazrin-A isoform X3 [Drosophila miranda]
>gi|1036967984|ref|XP_017147490.1| PREDICTED: uncharacterized protein LOC108159060 [Drosophila
>gi|1036967968|ref|XP_017147488.1| PREDICTED: uncharacterized protein LOC108159059 [Drosophila
>gi|1036967927|ref|XP_017147485.1| PREDICTED: probable hydroxyacid-oxoacid transhydrogenase, m
>gi|1036967907|ref|XP_017147484.1| PREDICTED: uncharacterized protein LOC108159055 [Drosophila
>gi|1037010078|ref|XP_017150055.1| PREDICTED: protein windpipe [Drosophila miranda]
>gi|1037010094|ref|XP_017150056.1| PREDICTED: protein windpipe [Drosophila miranda]
>gi|1037010112|ref|XP_017150057.1| PREDICTED: protein windpipe [Drosophila miranda]
>gi|1037010136|ref|XP_017150058.1| PREDICTED: protein windpipe [Drosophila miranda]
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>gi|1037018044|ref|XP_017150537.1| PREDICTED: uncharacterized protein LOC108160820 [Drosophila
>gi|1037018062|ref|XP_017150538.1| PREDICTED: uncharacterized protein LOC108160820 [Drosophila
>gi|1037006040|ref|XP_017149811.1| PREDICTED: uncharacterized protein LOC108160355 [Drosophila
>gi|1037011735|ref|XP_017150151.1| PREDICTED: solute carrier organic anion transporter family
>gi|1037020683|ref|XP 017150709.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036996743|ref|XP_017149252.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036996829|ref|XP 017149257.1| PREDICTED: uncharacterized protein LOC108160029 [Drosophila
>gi|1036996760|ref|XP_017149253.1| PREDICTED: protein ariadne-2 isoform X1 [Drosophila miranda]
>gi|1036996776|ref|XP_017149254.1| PREDICTED: protein ariadne-2 isoform X2 [Drosophila miranda]
>gi|1036996812|ref|XP_017149256.1| PREDICTED: pyridoxal phosphate phosphatase [Drosophila mirated]
>gi|1036996794|ref|XP_017149255.1| PREDICTED: membrane-bound alkaline phosphatase [Drosophila 1
>gi|1037021601|ref|XP_017150765.1| PREDICTED: membrane-bound alkaline phosphatase [Drosophila 1
>gi|1036994123|ref|XP_017149088.1| PREDICTED: tubulointerstitial nephritis antigen-like [Droso
>gi|1036994109|ref|XP_017149087.1| PREDICTED: vacuolar protein sorting-associated protein 35 is
>gi|1036994095|ref|XP_017149085.1| PREDICTED: vacuolar protein sorting-associated protein 35 is
>gi|1036997830|ref|XP_017149319.1| PREDICTED: netrin receptor unc-5 isoform X1 [Drosophila mire
>gi|1036997848|ref|XP_017149320.1| PREDICTED: netrin receptor unc-5 isoform X2 [Drosophila mire
>gi|1036997866|ref|XP 017149321.1| PREDICTED: netrin receptor unc-5 isoform X3 [Drosophila mire
>gi|1036989703|ref|XP_017148823.1| PREDICTED: protein apterous [Drosophila miranda]
>gi|1036989687|ref|XP_017148822.1| PREDICTED: LOW QUALITY PROTEIN: disks large-associated prot
>gi|1037010829|ref|XP_017150096.1| PREDICTED: U3 small nucleolar RNA-interacting protein 2 [Dr
>gi|1036976982|ref|XP 017148038.1| PREDICTED: uncharacterized protein LOC108159343 isoform X7
>gi|1036976964|ref|XP_017148036.1| PREDICTED: uncharacterized protein LOC108159343 isoform X6
>gi|1036976946|ref|XP_017148035.1| PREDICTED: uncharacterized protein LOC108159343 isoform X5
>gi|1036976930|ref|XP_017148034.1| PREDICTED: uncharacterized protein LOC108159343 isoform X4
>gi|1036976902|ref|XP_017148032.1| PREDICTED: uncharacterized protein LOC108159343 isoform X2
>gi|1036976916|ref|XP_017148033.1| PREDICTED: uncharacterized protein LOC108159343 isoform X3
>gi|1036976892|ref|XP_017148031.1| PREDICTED: uncharacterized protein LOC108159343 isoform X1
>gi|1036996549|ref|XP_017149240.1| PREDICTED: cytochrome c oxidase assembly protein COX19 [Dros
>gi|1036996501|ref|XP_017149236.1| PREDICTED: phosphopantothenoylcysteine decarboxylase [Droso
>gi|1036996469|ref|XP_017149234.1| PREDICTED: cyclic nucleotide-gated cation channel beta-1 [Di
>gi|1036996485|ref|XP_017149235.1| PREDICTED: cyclic nucleotide-gated cation channel beta-1 [Di
>gi|1036996515|ref|XP_017149237.1| PREDICTED: high mobility group protein Z [Drosophila mirand
>gi|1036996533|ref|XP_017149238.1| PREDICTED: high mobility group protein Z [Drosophila mirand
>gi|1037020021|ref|XP 017150668.1| PREDICTED: uncharacterized protein LOC108160906 [Drosophila
>gi|1036993190|ref|XP_017149030.1| PREDICTED: high mobility group protein D [Drosophila mirand
>gi|1036993134|ref|XP_017149027.1| PREDICTED: transport and Golgi organization protein 11 [Drop
>gi|1036993152|ref|XP_017149028.1| PREDICTED: transport and Golgi organization protein 11 [Dros
>gi|1036993168|ref|XP_017149029.1| PREDICTED: MIT domain-containing protein 1 [Drosophila mirated]
>gi|1036989502|ref|XP_017148811.1| PREDICTED: lamin-B receptor [Drosophila miranda]
>gi|1036989522|ref|XP_017148812.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1036989661|ref|XP_017148820.1| PREDICTED: glutaredoxin-C4 [Drosophila miranda]
>gi|1036937271|ref|XP 017145647.1| PREDICTED: uncharacterized protein LOC108158015 [Drosophila
>gi|1036989574|ref|XP_017148815.1| PREDICTED: antichymotrypsin-2-like [Drosophila miranda]
>gi|1036989540|ref|XP_017148813.1| PREDICTED: lysyl oxidase homolog 2B [Drosophila miranda]
>gi|1036989671|ref|XP_017148821.1| PREDICTED: uncharacterized protein LOC108159773 [Drosophila
>gi|1036989592|ref|XP_017148816.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1036989556|ref|XP_017148814.1| PREDICTED: trypsin-1 [Drosophila miranda]
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>gi|1036989610|ref|XP_017148817.1| PREDICTED: serine/threonine-protein phosphatase PP1-like [Di
>gi|1036989649|ref|XP_017148818.1| PREDICTED: serine/threonine-protein phosphatase PP1 [Drosop
>gi|1037019893|ref|XP_017150659.1| PREDICTED: serine/threonine-protein phosphatase alpha-3 iso
>gi|1037019913|ref|XP_017150660.1| PREDICTED: serine/threonine-protein phosphatase alpha-2 iso
>gi|1037010258|ref|XP 017150066.1| PREDICTED: uncharacterized protein LOC108160521 [Drosophila
>gi|1036942119|ref|XP_017145949.1| PREDICTED: mucin-2 [Drosophila miranda]
>gi|1036942756|ref|XP 017145990.1| PREDICTED: uncharacterized protein LOC108158264 [Drosophila
>gi|1036942327|ref|XP_017145962.1| PREDICTED: uncharacterized protein LOC108158240 [Drosophila
>gi|1036942052|ref|XP_017145944.1| PREDICTED: L-asparaginase-like protein GA18140 [Drosophila 1
>gi|1036937288|ref|XP_017145648.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1037018293|ref|XP_017150554.1| PREDICTED: probable serine/threonine-protein kinase kinX [Di
>gi|1036984716|ref|XP_017148519.1| PREDICTED: serine/threonine-protein phosphatase alpha-3 iso
>gi|1036984653|ref|XP_017148515.1| PREDICTED: nyctalopin [Drosophila miranda]
>gi|1036984671|ref|XP_017148516.1| PREDICTED: nyctalopin [Drosophila miranda]
>gi|1036984732|ref|XP_017148520.1| PREDICTED: uncharacterized protein LOC108159582 [Drosophila
>gi|1036984698|ref|XP_017148518.1| PREDICTED: leukocyte elastase inhibitor C-like [Drosophila 1
>gi|1036984749|ref|XP_017148521.1| PREDICTED: uncharacterized protein LOC108159584 [Drosophila
>gi|1036937305|ref|XP_017145649.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
>gi|1036984687|ref|XP_017148517.1| PREDICTED: uncharacterized protein LOC108159579 [Drosophila
>gi|1037020875|ref|XP_017150722.1| PREDICTED: putative gustatory receptor 58c [Drosophila mirated
>gi|1037020891|ref|XP_017150724.1| PREDICTED: putative gustatory receptor 58b [Drosophila mirated
>gi|1037020923|ref|XP_017150725.1| PREDICTED: putative gustatory receptor 58b [Drosophila mirat
>gi|1036937321|ref|XP_017145650.1| PREDICTED: putative gustatory receptor 58a [Drosophila mirat
>gi|1037014230|ref|XP_017150306.1| PREDICTED: uncharacterized protein LOC108160671 [Drosophila
>gi|1037014144|ref|XP_017150301.1| PREDICTED: uncharacterized protein LOC108160669 [Drosophila
>gi|1037014162|ref|XP_017150302.1| PREDICTED: uncharacterized protein LOC108160669 [Drosophila
>gi|1037014180|ref|XP_017150303.1| PREDICTED: uncharacterized protein LOC108160669 [Drosophila
>gi|1037014198|ref|XP_017150304.1| PREDICTED: uncharacterized protein LOC108160669 [Drosophila
>gi|1037014248|ref|XP_017150307.1| PREDICTED: transmembrane emp24 domain-containing protein 2
>gi|1037014214|ref|XP_017150305.1| PREDICTED: serine/threonine-protein phosphatase alpha-2 iso
>gi|1036937339|ref|XP_017145651.1| PREDICTED: uncharacterized protein LOC108158019 [Drosophila
>gi|1036985658|ref|XP_017148579.1| PREDICTED: uncharacterized protein LOC108159632 [Drosophila
>gi|1036985712|ref|XP_017148582.1| PREDICTED: ERI1 exoribonuclease 2 isoform X2 [Drosophila mi
>gi|1036985676|ref|XP_017148580.1| PREDICTED: ERI1 exoribonuclease 2 isoform X1 [Drosophila mi
>gi|1036985694|ref|XP 017148581.1| PREDICTED: ERI1 exoribonuclease 2 isoform X1 [Drosophila mi
>gi|1036985622|ref|XP_017148576.1| PREDICTED: protein-glutamate O-methyltransferase [Drosophile
>gi|1036985640|ref|XP_017148577.1| PREDICTED: protein-glutamate O-methyltransferase [Drosophile
>gi|1036985604|ref|XP_017148575.1| PREDICTED: protein-glutamate O-methyltransferase [Drosophile
>gi|1037009000|ref|XP_017149994.1| PREDICTED: ceramide glucosyltransferase [Drosophila miranda]
>gi|1036957636|ref|XP_017146887.1| PREDICTED: synaptojanin-1 [Drosophila miranda]
>gi|1036957825|ref|XP_017146897.1| PREDICTED: LOW QUALITY PROTEIN: tetratricopeptide repeat pro-
>gi|1036957807|ref|XP_017146895.1| PREDICTED: syndecan isoform X6 [Drosophila miranda]
>gi|1036957771|ref|XP_017146893.1| PREDICTED: syndecan isoform X4 [Drosophila miranda]
>gi|1036957755|ref|XP_017146892.1| PREDICTED: syndecan isoform X3 [Drosophila miranda]
>gi|1036957737|ref|XP_017146891.1| PREDICTED: syndecan isoform X2 [Drosophila miranda]
>gi|1036957789|ref|XP_017146894.1| PREDICTED: syndecan isoform X5 [Drosophila miranda]
>gi|1036957654|ref|XP_017146888.1| PREDICTED: syndecan isoform X1 [Drosophila miranda]
>gi|1036957672|ref|XP_017146889.1| PREDICTED: syndecan isoform X1 [Drosophila miranda]
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>gi|1036957690|ref|XP_017146890.1| PREDICTED: syndecan isoform X1 [Drosophila miranda]
>gi|1036988949|ref|XP_017148776.1| PREDICTED: FK506-binding protein 2 isoform X2 [Drosophila m
>gi|1036988930|ref|XP_017148775.1| PREDICTED: FK506-binding protein 2 isoform X1 [Drosophila m
>gi|1036937355|ref|XP 017145652.1| PREDICTED: uncharacterized protein LOC108158020 [Drosophila
>gi|1036989183|ref|XP_017148790.1| PREDICTED: protein NDRG3 isoform X1 [Drosophila miranda]
>gi|1036989203|ref|XP 017148791.1| PREDICTED: protein NDRG3 isoform X2 [Drosophila miranda]
>gi|1036989219|ref|XP_017148792.1| PREDICTED: protein NDRG3 isoform X3 [Drosophila miranda]
>gi|1036989265|ref|XP_017148796.1| PREDICTED: protein NDRG3 isoform X6 [Drosophila miranda]
>gi|1036989301|ref|XP_017148798.1| PREDICTED: protein NDRG3 isoform X8 [Drosophila miranda]
>gi|1036989327|ref|XP_017148799.1| PREDICTED: protein NDRG3 isoform X9 [Drosophila miranda]
>gi|1036989339|ref|XP 017148800.1| PREDICTED: protein NDRG3 isoform X10 [Drosophila miranda]
>gi|1036989283|ref|XP_017148797.1| PREDICTED: protein NDRG3 isoform X7 [Drosophila miranda]
>gi|1036989237|ref|XP_017148793.1| PREDICTED: protein NDRG3 isoform X4 [Drosophila miranda]
>gi|1036989249|ref|XP_017148794.1| PREDICTED: protein NDRG3 isoform X5 [Drosophila miranda]
>gi|1036989353|ref|XP_017148801.1| PREDICTED: uncharacterized protein LOC108159757 [Drosophila
>gi|1036979903|ref|XP_017148221.1| PREDICTED: epidermal growth factor receptor isoform X2 [Dros
>gi|1036936037|ref|XP 017145568.1| PREDICTED: transmembrane protease serine 9-like [Drosophila
>gi|1036979889|ref|XP_017148220.1| PREDICTED: epidermal growth factor receptor isoform X1 [Dros
>gi|1037017400|ref|XP 017150497.1| PREDICTED: BTB/POZ domain-containing protein kctd15-like is
>gi|1037017418|ref|XP_017150499.1| PREDICTED: BTB/POZ domain-containing protein kctd15-like is
>gi|1037017111|ref|XP 017150477.1| PREDICTED: uncharacterized protein LOC108160784 isoform X1
>gi|1037017129|ref|XP_017150478.1| PREDICTED: uncharacterized protein LOC108160784 isoform X2
>gi|1037017097|ref|XP_017150476.1| PREDICTED: uncharacterized protein LOC108160783 [Drosophila
>gi|1037011216|ref|XP_017150122.1| PREDICTED: uncharacterized protein LOC108160559 [Drosophila
>gi|1037015416|ref|XP_017150379.1| PREDICTED: solute carrier family 25 member 35-like [Drosoph
>gi|1037015400|ref|XP_017150378.1| PREDICTED: solute carrier family 25 member 35-like [Drosoph
>gi|1037012558|ref|XP_017150203.1| PREDICTED: uncharacterized protein LOC108160606 isoform X1
>gi|1037012576|ref|XP_017150204.1| PREDICTED: uncharacterized protein LOC108160606 isoform X2
>gi|1037012540|ref|XP_017150202.1| PREDICTED: peptidyl-prolyl cis-trans isomerase 6 [Drosophile
>gi|1037010398|ref|XP_017150074.1| PREDICTED: solute carrier family 35 member F5 [Drosophila m
>gi|1037017436|ref|XP_017150500.1| PREDICTED: uncharacterized protein LOC108160796 [Drosophila
>gi|1037017454|ref|XP 017150501.1| PREDICTED: uncharacterized protein LOC108160796 [Drosophila
>gi|1037017471|ref|XP_017150502.1| PREDICTED: uncharacterized protein LOC108160796 [Drosophila
>gi|1036941819|ref|XP 017145927.1| PREDICTED: beta-galactoside alpha-2,6-sialyltransferase 2 [
>gi|1036999547|ref|XP_017149424.1| PREDICTED: stromelysin-3 isoform X1 [Drosophila miranda]
>gi|1036999565|ref|XP 017149425.1| PREDICTED: stromelysin-3 isoform X1 [Drosophila miranda]
>gi|1036999583|ref|XP_017149426.1| PREDICTED: stromelysin-3 isoform X1 [Drosophila miranda]
>gi|1036999600|ref|XP_017149427.1| PREDICTED: stromelysin-3 isoform X1 [Drosophila miranda]
>gi|1036999618|ref|XP_017149428.1| PREDICTED: stromelysin-3 isoform X2 [Drosophila miranda]
>gi|1036999636|ref|XP_017149429.1| PREDICTED: matrix metalloproteinase-14 isoform X3 [Drosophi
>gi|1036999654|ref|XP_017149430.1| PREDICTED: matrix metalloproteinase-14 isoform X4 [Drosophi
>gi|1036999670|ref|XP_017149431.1| PREDICTED: matrix metalloproteinase-14 isoform X5 [Drosophi
>gi|1036999720|ref|XP 017149432.1| PREDICTED: matrix metalloproteinase-14 isoform X6 [Drosophi
>gi|1036999758|ref|XP_017149435.1| PREDICTED: protein painting of fourth isoform X2 [Drosophile
>gi|1036999740|ref|XP_017149434.1| PREDICTED: protein painting of fourth isoform X1 [Drosophile
>gi|1036999776|ref|XP_017149436.1| PREDICTED: uncharacterized protein LOC108160139 [Drosophila
>gi|1037014318|ref|XP_017150311.1| PREDICTED: uncharacterized protein LOC108160676 [Drosophila
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>gi|1036946529|ref|XP 017146214.1| PREDICTED: odorant receptor 45b [Drosophila miranda]
>gi|1037021187|ref|XP_017150741.1| PREDICTED: membrane-bound alkaline phosphatase [Drosophila i
>gi|1036966793|ref|XP_017147424.1| PREDICTED: CCR4-NOT transcription complex subunit 1 isoform
>gi|1036966773|ref|XP_017147423.1| PREDICTED: CCR4-NOT transcription complex subunit 1 isoform
>gi|1036966831|ref|XP 017147426.1| PREDICTED: CCR4-NOT transcription complex subunit 1 isoform
>gi|1036966813|ref|XP_017147425.1| PREDICTED: CCR4-NOT transcription complex subunit 1 isoform
>gi|1036966849|ref|XP_017147427.1| PREDICTED: 5'-nucleotidase domain-containing protein 3 isof
>gi|1036966865|ref|XP_017147428.1| PREDICTED: 5'-nucleotidase domain-containing protein 3 isof
>gi|1036964317|ref|XP_017147277.1| PREDICTED: electron transfer flavoprotein-ubiquinone oxidor
>gi|1036964333|ref|XP_017147278.1| PREDICTED: electron transfer flavoprotein-ubiquinone oxidor
>gi|1036964391|ref|XP_017147279.1| PREDICTED: electron transfer flavoprotein-ubiquinone oxidor
>gi|1036964409|ref|XP_017147280.1| PREDICTED: myocyte-specific enhancer factor 2 [Drosophila m
>gi|1036964535|ref|XP_017147288.1| PREDICTED: uncharacterized protein LOC108158964 [Drosophila
>gi|1036964464|ref|XP_017147283.1| PREDICTED: peptidyl-alpha-hydroxyglycine alpha-amidating ly
>gi|1036964427|ref|XP_017147281.1| PREDICTED: peptidyl-alpha-hydroxyglycine alpha-amidating ly
>gi|1036964449|ref|XP_017147282.1| PREDICTED: peptidyl-alpha-hydroxyglycine alpha-amidating ly
>gi|1036964482|ref|XP_017147284.1| PREDICTED: prenylated Rab acceptor protein 1 [Drosophila mi
>gi|1036964495|ref|XP 017147285.1| PREDICTED: prenylated Rab acceptor protein 1 [Drosophila mi
>gi|1036964515|ref|XP_017147287.1| PREDICTED: prenylated Rab acceptor protein 1 [Drosophila mi
>gi|1037006026|ref|XP 017149810.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037005986|ref|XP_017149808.1| PREDICTED: WD repeat-containing protein 89 isoform X1 [Dros
>gi|1037006008|ref|XP_017149809.1| PREDICTED: WD repeat-containing protein 89 isoform X2 [Dros
>gi|1036940823|ref|XP_017145875.1| PREDICTED: segmentation protein even-skipped [Drosophila mi
>gi|1036993278|ref|XP_017149037.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 31 isoform
>gi|1036993296|ref|XP_017149038.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 31 isoform
>gi|1037022037|ref|XP_017150794.1| PREDICTED: uncharacterized protein LOC108160997 [Drosophila
>gi|1036978439|ref|XP_017148129.1| PREDICTED: suppressor APC domain-containing protein 2 isofo
>gi|1036978455|ref|XP_017148130.1| PREDICTED: suppressor APC domain-containing protein 2 isofo
>gi|1036978513|ref|XP_017148134.1| PREDICTED: coiled-coil-helix-coiled-coil-helix domain-conta
>gi|1036978473|ref|XP_017148132.1| PREDICTED: neuralized-like protein 2 [Drosophila miranda]
>gi|1036978495|ref|XP_017148133.1| PREDICTED: glutathione S-transferase 1 [Drosophila miranda]
>gi|1036978397|ref|XP_017148127.1| PREDICTED: epidermal growth factor receptor substrate 15-li
>gi|1036978383|ref|XP_017148126.1| PREDICTED: epidermal growth factor receptor substrate 15-li
>gi|1036978415|ref|XP_017148128.1| PREDICTED: epidermal growth factor receptor substrate 15-li
>gi|1036970587|ref|XP 017147643.1| PREDICTED: histone-lysine N-methyltransferase eggless [Dros
>gi|1036970817|ref|XP_017147656.1| PREDICTED: larval cuticle protein 9 [Drosophila miranda]
>gi|1036970799|ref|XP 017147655.1| PREDICTED: uncharacterized RNA-binding protein C365.04c [Dref
>gi|1036970661|ref|XP_017147647.1| PREDICTED: tyrosine--tRNA ligase, mitochondrial [Drosophila
>gi|1036970606|ref|XP_017147644.1| PREDICTED: uncharacterized protein LOC108159157 isoform X1
>gi|1036970623|ref|XP_017147645.1| PREDICTED: uncharacterized protein LOC108159157 isoform X2
>gi|1036970641|ref|XP_017147646.1| PREDICTED: serine protease MT3772 isoform X3 [Drosophila mi
>gi|1036970785|ref|XP_017147654.1| PREDICTED: NF-kappa-B essential modulator isoform X2 [Droso
>gi|1036970677|ref|XP_017147649.1| PREDICTED: NF-kappa-B essential modulator isoform X1 [Droso
>gi|1036970695|ref|XP_017147650.1| PREDICTED: NF-kappa-B essential modulator isoform X1 [Droso
>gi|1036970715|ref|XP_017147651.1| PREDICTED: NF-kappa-B essential modulator isoform X1 [Droso
>gi|1036970749|ref|XP_017147652.1| PREDICTED: NF-kappa-B essential modulator isoform X1 [Droso
>gi|1036970769|ref|XP_017147653.1| PREDICTED: NF-kappa-B essential modulator isoform X1 [Droso
>gi|1037005149|ref|XP_017149751.1| PREDICTED: rhythmically expressed gene 5 protein [Drosophile
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>gi|1037005167|ref|XP_017149752.1| PREDICTED: uncharacterized protein LOC108160332 [Drosophila
>gi|1037005131|ref|XP_017149750.1| PREDICTED: origin recognition complex subunit 4 isoform X2
>gi|1037005113|ref|XP 017149749.1| PREDICTED: origin recognition complex subunit 4 isoform X1
>gi|1037021471|ref|XP_017150756.1| PREDICTED: uncharacterized protein LOC108160969 [Drosophila
>gi|1036937370|ref|XP 017145654.1| PREDICTED: uncharacterized protein LOC108158021 [Drosophila
>gi|1036943990|ref|XP_017146064.1| PREDICTED: uncharacterized protein LOC108158335 [Drosophila
>gi|1037007999|ref|XP 017149934.1| PREDICTED: homeotic protein distal-less [Drosophila miranda
>gi|1036937388|ref|XP_017145655.1| PREDICTED: trypsin alpha-3 [Drosophila miranda]
>gi|1036999996|ref|XP_017149448.1| PREDICTED: cyclic AMP-dependent transcription factor ATF-2
>gi|1037000014|ref|XP_017149449.1| PREDICTED: cyclic AMP-dependent transcription factor ATF-2
>gi|1037000051|ref|XP_017149451.1| PREDICTED: uncharacterized protein LOC108160147 isoform X4
>gi|1037000034|ref|XP 017149450.1| PREDICTED: cyclic AMP-dependent transcription factor ATF-2
>gi|1036999982|ref|XP_017149447.1| PREDICTED: uncharacterized protein LOC108160146 [Drosophila
>gi|1037016908|ref|XP_017150463.1| PREDICTED: leptin receptor gene-related protein [Drosophila
>gi|1036989830|ref|XP_017148830.1| PREDICTED: facilitated trehalose transporter Tret1-2 homological description of the second of
>gi|1036989848|ref|XP_017148832.1| PREDICTED: protein PET100 homolog, mitochondrial [Drosophile
>gi|1036989810|ref|XP_017148829.1| PREDICTED: uncharacterized protein LOC108159780 [Drosophila
>gi|1036985586|ref|XP 017148574.1| PREDICTED: methylosome subunit pICln [Drosophila miranda]
>gi|1036985558|ref|XP_017148572.1| PREDICTED: uncharacterized protein LOC108159626 [Drosophila
>gi|1036985534|ref|XP 017148569.1| PREDICTED: E3 ubiquitin-protein ligase Smurf1 [Drosophila m
>gi|1036985544|ref|XP_017148571.1| PREDICTED: NADH dehydrogenase [ubiquinone] flavoprotein 1,
>gi|1036985572|ref|XP 017148573.1| PREDICTED: uncharacterized protein LOC108159627 [Drosophila
>gi|1036987258|ref|XP_017148678.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036987191|ref|XP_017148673.1| PREDICTED: flocculation protein FLO11 isoform X1 [Drosophile
>gi|1036987209|ref|XP_017148674.1| PREDICTED: flocculation protein FLO11 isoform X1 [Drosophile
>gi|1036987226|ref|XP_017148675.1| PREDICTED: flocculation protein FLO11 isoform X1 [Drosophile
>gi|1036987238|ref|XP_017148677.1| PREDICTED: flocculation protein FLO11 isoform X1 [Drosophile
>gi|1036987355|ref|XP_017148683.1| PREDICTED: heterochromatin protein 1-like isoform X2 [Droso
>gi|1036987337|ref|XP_017148682.1| PREDICTED: chromo domain-containing protein cec-1-like isof
>gi|1036987309|ref|XP_017148680.1| PREDICTED: neuropeptide CCHamide-1 receptor isoform X2 [Droperty of the company of the comp
>gi|1036987276|ref|XP_017148679.1| PREDICTED: neuropeptide CCHamide-1 receptor isoform X1 [Dros
>gi|1036987323|ref|XP_017148681.1| PREDICTED: neuropeptide CCHamide-1 receptor isoform X3 [Droperty of the company of the comp
>gi|1036990375|ref|XP 017148866.1| PREDICTED: LOW QUALITY PROTEIN: eukaryotic translation init
>gi|1036990357|ref|XP_017148865.1| PREDICTED: TP53-regulated inhibitor of apoptosis 1-like [Dr
>gi|1036990339|ref|XP 017148863.1| PREDICTED: complement component 1 Q subcomponent-binding pro
>gi|1036989485|ref|XP_017148810.1| PREDICTED: semaphorin-1A [Drosophila miranda]
>gi|1036990660|ref|XP 017148880.1| PREDICTED: uncharacterized protein LOC108159820 isoform X2
>gi|1036990728|ref|XP_017148884.1| PREDICTED: uncharacterized protein LOC108159824 isoform X1
>gi|1036990748|ref|XP_017148885.1| PREDICTED: uncharacterized protein LOC108159824 isoform X2
>gi|1036990766|ref|XP_017148886.1| PREDICTED: uncharacterized protein LOC108159824 isoform X2
>gi|1036990787|ref|XP_017148887.1| PREDICTED: uncharacterized protein LOC108159825 [Drosophila
>gi|1036990642|ref|XP_017148879.1| PREDICTED: uncharacterized protein LOC108159820 isoform X1
>gi|1036990676|ref|XP_017148881.1| PREDICTED: protein singed wings 2 isoform X1 [Drosophila mi
>gi|1036990694|ref|XP_017148882.1| PREDICTED: protein singed wings 2 isoform X2 [Drosophila mi
>gi|1036990712|ref|XP_017148883.1| PREDICTED: cytoplasmic phosphatidylinositol transfer protein
>gi|1036991271|ref|XP_017148918.1| PREDICTED: protein FAM13A isoform X1 [Drosophila miranda]
>gi|1036991287|ref|XP_017148919.1| PREDICTED: protein FAM13A isoform X2 [Drosophila miranda]
>gi|1036991303|ref|XP_017148920.1| PREDICTED: uncharacterized protein LOC108159840 [Drosophila
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>gi|1036987829|ref|XP_017148710.1| PREDICTED: intersectin-1 [Drosophila miranda]
>gi|1036987809|ref|XP_017148709.1| PREDICTED: uncharacterized protein LOC108159705 [Drosophila
>gi|1036987793|ref|XP 017148708.1| PREDICTED: ataxin-10 [Drosophila miranda]
>gi|1036987725|ref|XP_017148704.1| PREDICTED: uncharacterized protein LOC108159703 isoform X1
>gi|1036987741|ref|XP 017148705.1| PREDICTED: uncharacterized protein LOC108159703 isoform X1
>gi|1036987758|ref|XP_017148706.1| PREDICTED: uncharacterized protein LOC108159703 isoform X1
>gi|1036987775|ref|XP 017148707.1| PREDICTED: uncharacterized protein LOC108159703 isoform X2
>gi|1036988963|ref|XP_017148777.1| PREDICTED: heterogeneous nuclear ribonucleoprotein U-like p
>gi|1036988997|ref|XP_017148779.1| PREDICTED: heterogeneous nuclear ribonucleoprotein U-like p
>gi|1036989013|ref|XP_017148780.1| PREDICTED: heterogeneous nuclear ribonucleoprotein U isoform
>gi|1036988987|ref|XP_017148778.1| PREDICTED: heterogeneous nuclear ribonucleoprotein U isoform
>gi|1036989029|ref|XP 017148781.1| PREDICTED: heterogeneous nuclear ribonucleoprotein U isoform
>gi|1036989047|ref|XP_017148783.1| PREDICTED: heterogeneous nuclear ribonucleoprotein U-like p
>gi|1036991647|ref|XP_017148934.1| PREDICTED: serine palmitoyltransferase 1 [Drosophila mirand
>gi|1036991665|ref|XP_017148935.1| PREDICTED: serine palmitoyltransferase 1 [Drosophila mirand
>gi|1036991625|ref|XP_017148933.1| PREDICTED: 1,4-alpha-glucan-branching enzyme [Drosophila mi
>gi|1036991683|ref|XP_017148936.1| PREDICTED: uncharacterized protein LOC108159854 isoform X1
>gi|1036991699|ref|XP_017148937.1| PREDICTED: uncharacterized protein LOC108159854 isoform X1
>gi|1036991723|ref|XP_017148938.1| PREDICTED: uncharacterized protein LOC108159854 isoform X1
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>gi|1036991773|ref|XP 017148941.1| PREDICTED: uncharacterized protein LOC108159854 isoform X1
>gi|1036991793|ref|XP_017148942.1| PREDICTED: uncharacterized protein LOC108159854 isoform X2
>gi|1036945960|ref|XP_017146178.1| PREDICTED: uncharacterized protein LOC108158417 isoform X3
>gi|1036945942|ref|XP_017146177.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X2
>gi|1036945890|ref|XP_017146174.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X1
>gi|1036945908|ref|XP_017146175.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X1
>gi|1036945926|ref|XP_017146176.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X1
>gi|1036945978|ref|XP_017146179.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X4
>gi|1036945994|ref|XP_017146180.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X5
>gi|1036946012|ref|XP_017146181.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X5
>gi|1036946030|ref|XP_017146182.1| PREDICTED: probable lysine-specific demethylase 4B isoform
>gi|1036946101|ref|XP_017146186.1| PREDICTED: valine--tRNA ligase [Drosophila miranda]
>gi|1036946135|ref|XP_017146189.1| PREDICTED: origin recognition complex subunit 3 [Drosophila
>gi|1036946256|ref|XP 017146197.1| PREDICTED: uncharacterized protein LOC108158426 isoform X2
>gi|1036946240|ref|XP_017146195.1| PREDICTED: uncharacterized protein LOC108158426 isoform X1
>gi|1036946048|ref|XP 017146183.1| PREDICTED: uncharacterized protein LOC108158418 isoform X1
>gi|1036946084|ref|XP_017146185.1| PREDICTED: serine/arginine repetitive matrix protein 5 isof
>gi|1036946066|ref|XP_017146184.1| PREDICTED: uncharacterized protein LOC108158418 isoform X2
>gi|1036946119|ref|XP_017146188.1| PREDICTED: WD repeat-containing protein 60 [Drosophila mirated
>gi|1036946205|ref|XP_017146193.1| PREDICTED: transferrin [Drosophila miranda]
>gi|1036946153|ref|XP_017146190.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036946170|ref|XP_017146191.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036946188|ref|XP_017146192.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036946291|ref|XP_017146199.1| PREDICTED: lysozyme P [Drosophila miranda]
>gi|1036946308|ref|XP 017146200.1| PREDICTED: uncharacterized protein LOC108158429 isoform X1
>gi|1036946326|ref|XP_017146201.1| PREDICTED: uncharacterized protein LOC108158429 isoform X2
>gi|1036946222|ref|XP_017146194.1| PREDICTED: trypsin 3A1 [Drosophila miranda]
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>gi|1036946274|ref|XP_017146198.1| PREDICTED: cuticle protein 16.8 [Drosophila miranda]
>gi|1036937406|ref|XP_017145656.1| PREDICTED: general odorant-binding protein 57e-like [Drosop
>gi|1036942630|ref|XP_017145981.1| PREDICTED: gram-negative bacteria-binding protein 3 [Drosop
>gi|1037011979|ref|XP_017150166.1| PREDICTED: actin cytoskeleton-regulatory complex protein par
>gi|1037011991|ref|XP 017150167.1| PREDICTED: actin cytoskeleton-regulatory complex protein pa
>gi|1037012007|ref|XP_017150168.1| PREDICTED: uncharacterized protein LOC108160585 [Drosophila
>gi|1037011957|ref|XP 017150165.1| PREDICTED: bleomycin hydrolase [Drosophila miranda]
>gi|1037019494|ref|XP_017150633.1| PREDICTED: uncharacterized protein LOC108160877 isoform X2
>gi|1037019478|ref|XP_017150632.1| PREDICTED: uncharacterized protein LOC108160877 isoform X1
>gi|1037019460|ref|XP_017150631.1| PREDICTED: uncharacterized protein LOC108160876 [Drosophila
>gi|1036942939|ref|XP_017146000.1| PREDICTED: uncharacterized protein LOC108158275 [Drosophila
>gi|1036943202|ref|XP_017146016.1| PREDICTED: keratin, type I cytoskeletal 9 [Drosophila miran
>gi|1036942788|ref|XP_017145992.1| PREDICTED: gram-negative bacteria-binding protein 3 [Drosop
>gi|1036944173|ref|XP_017146075.1| PREDICTED: protein transport protein SSS1 [Drosophila mirane
>gi|1036945024|ref|XP_017146121.1| PREDICTED: general odorant-binding protein 57c [Drosophila i
>gi|1036943458|ref|XP 017146032.1| PREDICTED: uncharacterized protein LOC108158303 [Drosophila
>gi|1036943350|ref|XP_017146026.1| PREDICTED: uncharacterized protein LOC108158296 [Drosophila
>gi|1037018687|ref|XP_017150581.1| PREDICTED: uncharacterized protein LOC108160840 isoform X6
>gi|1037018654|ref|XP_017150579.1| PREDICTED: uncharacterized protein LOC108160840 isoform X4
>gi|1037018640|ref|XP 017150578.1| PREDICTED: uncharacterized protein LOC108160840 isoform X3
>gi|1037018671|ref|XP_017150580.1| PREDICTED: uncharacterized protein LOC108160840 isoform X5
>gi|1037018623|ref|XP 017150577.1| PREDICTED: uncharacterized protein LOC108160840 isoform X2
>gi|1037018703|ref|XP_017150582.1| PREDICTED: uncharacterized protein LOC108160840 isoform X7
>gi|1037018569|ref|XP_017150574.1| PREDICTED: uncharacterized protein LOC108160840 isoform X1
>gi|1037018587|ref|XP_017150575.1| PREDICTED: uncharacterized protein LOC108160840 isoform X1
>gi|1037018605|ref|XP_017150576.1| PREDICTED: uncharacterized protein LOC108160840 isoform X1
>gi|1036937422|ref|XP_017145657.1| PREDICTED: trypsin beta [Drosophila miranda]
>gi|1036943602|ref|XP_017146041.1| PREDICTED: uncharacterized protein LOC108158312 [Drosophila
>gi|1037020811|ref|XP_017150718.1| PREDICTED: uncharacterized protein LOC108160941 [Drosophila
>gi|1037020537|ref|XP 017150699.1| PREDICTED: uncharacterized protein LOC108160926 [Drosophila
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>gi|1036941786|ref|XP_017145925.1| PREDICTED: uncharacterized protein LOC108158213 [Drosophila
>gi|1036979660|ref|XP 017148205.1| PREDICTED: basic salivary proline-rich protein 1 isoform X2
>gi|1036979644|ref|XP_017148204.1| PREDICTED: basic salivary proline-rich protein 1 isoform X1
>gi|1036979678|ref|XP 017148206.1| PREDICTED: basic salivary proline-rich protein 1 isoform X3
>gi|1036979695|ref|XP_017148207.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036979586|ref|XP_017148200.1| PREDICTED: tudor domain-containing protein 7B isoform X1 [Di
>gi|1036979602|ref|XP_017148201.1| PREDICTED: tudor domain-containing protein 7B isoform X2 [Di
>gi|1036979618|ref|XP_017148202.1| PREDICTED: uncharacterized protein LOC108159436 isoform X3
>gi|1036979632|ref|XP_017148203.1| PREDICTED: uncharacterized protein LOC108159436 isoform X4
>gi|1037017157|ref|XP_017150480.1| PREDICTED: leukocyte antigen CD37 isoform X2 [Drosophila mi
>gi|1037017143|ref|XP_017150479.1| PREDICTED: tetraspanin-8 isoform X1 [Drosophila miranda]
>gi|1037007981|ref|XP_017149933.1| PREDICTED: protein krueppel [Drosophila miranda]
>gi|1036980013|ref|XP_017148230.1| PREDICTED: MORN repeat-containing protein 3 [Drosophila mire
>gi|1036980033|ref|XP_017148231.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1036980002|ref|XP_017148229.1| PREDICTED: Fanconi anemia group I protein [Drosophila mirane
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>gi|1036980049|ref|XP_017148232.1| PREDICTED: uncharacterized protein LOC108159452 [Drosophila
>gi|1036980070|ref|XP_017148233.1| PREDICTED: uncharacterized protein LOC108159453 [Drosophila
>gi|1037011398|ref|XP 017150132.1| PREDICTED: uncharacterized protein LOC108160564 isoform X2
>gi|1037011381|ref|XP_017150130.1| PREDICTED: uncharacterized protein LOC108160564 isoform X1
>gi|1037011415|ref|XP 017150133.1| PREDICTED: uncharacterized protein LOC108160564 isoform X3
>gi|1037021923|ref|XP_017150786.1| PREDICTED: ejaculatory bulb-specific protein 1 [Drosophila i
>gi|1036944088|ref|XP 017146069.1| PREDICTED: keratin, type I cytoskeletal 14-like [Drosophila
>gi|1036942615|ref|XP_017145980.1| PREDICTED: uncharacterized protein LOC108158254 [Drosophila
>gi|1036943908|ref|XP_017146059.1| PREDICTED: glutamic acid-rich protein [Drosophila miranda]
>gi|1036991483|ref|XP_017148924.1| PREDICTED: protein jim lovell [Drosophila miranda]
>gi|1036991497|ref|XP_017148925.1| PREDICTED: protein goliath [Drosophila miranda]
>gi|1036991517|ref|XP_017148926.1| PREDICTED: protein goliath [Drosophila miranda]
>gi|1037015968|ref|XP_017150406.1| PREDICTED: protein gooseberry [Drosophila miranda]
>gi|1037014868|ref|XP_017150345.1| PREDICTED: protein gooseberry-neuro [Drosophila miranda]
>gi|1037019410|ref|XP_017150628.1| PREDICTED: neuropeptide-like 1 isoform X1 [Drosophila miran-
>gi|1037019444|ref|XP 017150630.1| PREDICTED: neuropeptide-like 1 isoform X3 [Drosophila mirane
>gi|1037019426|ref|XP_017150629.1| PREDICTED: neuropeptide-like 1 isoform X2 [Drosophila miran-
>gi|1036988873|ref|XP 017148771.1| PREDICTED: protein unzipped [Drosophila miranda]
>gi|1036988888|ref|XP_017148772.1| PREDICTED: protein unzipped [Drosophila miranda]
>gi|1036988904|ref|XP 017148773.1| PREDICTED: protein lin-37 homolog [Drosophila miranda]
>gi|1036988917|ref|XP_017148774.1| PREDICTED: 12 kDa FK506-binding protein [Drosophila miranda]
>gi|1036992061|ref|XP 017148959.1| PREDICTED: zinc finger protein 33A isoform X1 [Drosophila m
>gi|1036992079|ref|XP_017148960.1| PREDICTED: zinc finger protein 33A isoform X2 [Drosophila m
>gi|1036992043|ref|XP_017148958.1| PREDICTED: longitudinals lacking protein, isoforms J/P/Q/S/
>gi|1037018171|ref|XP_017150545.1| PREDICTED: protein windbeutel [Drosophila miranda]
>gi|1036989914|ref|XP_017148836.1| PREDICTED: protein 4.1 homolog isoform X3 [Drosophila miran
>gi|1036989896|ref|XP_017148835.1| PREDICTED: protein 4.1 homolog isoform X2 [Drosophila miran
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>gi|1036989866|ref|XP_017148833.1| PREDICTED: protein 4.1 homolog isoform X1 [Drosophila miran
>gi|1036989884|ref|XP_017148834.1| PREDICTED: protein 4.1 homolog isoform X1 [Drosophila miran-
>gi|1036989949|ref|XP_017148838.1| PREDICTED: ribosomal RNA-processing protein 8 [Drosophila m
>gi|1036957989|ref|XP_017146908.1| PREDICTED: mitogen-activated protein kinase kinase k
>gi|1036957961|ref|XP 017146905.1| PREDICTED: mitogen-activated protein kinase kinase kinase k
>gi|1036957927|ref|XP_017146903.1| PREDICTED: mitogen-activated protein kinase kinase kinase k
>gi|1036957975|ref|XP 017146907.1| PREDICTED: mitogen-activated protein kinase kinase kinase k
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>gi|1036957895|ref|XP_017146901.1| PREDICTED: mitogen-activated protein kinase kinase kinase k
>gi|1036957913|ref|XP_017146902.1| PREDICTED: mitogen-activated protein kinase kinase k
>gi|1036958153|ref|XP_017146915.1| PREDICTED: uncharacterized protein LOC108158777 isoform X6
>gi|1036958165|ref|XP 017146917.1| PREDICTED: uncharacterized protein LOC108158777 isoform X7
>gi|1036958326|ref|XP_017146927.1| PREDICTED: uncharacterized protein LOC108158777 isoform X16
>gi|1036958223|ref|XP_017146921.1| PREDICTED: uncharacterized protein LOC108158777 isoform X11
>gi|1036958120|ref|XP_017146913.1| PREDICTED: uncharacterized protein LOC108158777 isoform X4
>gi|1036958381|ref|XP_017146930.1| PREDICTED: uncharacterized protein LOC108158777 isoform X19
>gi|1036958090|ref|XP_017146912.1| PREDICTED: uncharacterized protein LOC108158777 isoform X3
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>gi|1036958306|ref|XP 017146925.1| PREDICTED: uncharacterized protein LOC108158777 isoform X15
>gi|1036958360|ref|XP_017146929.1| PREDICTED: uncharacterized protein LOC108158777 isoform X18
>gi|1036958289|ref|XP_017146924.1| PREDICTED: uncharacterized protein LOC108158777 isoform X14
>gi|1036958256|ref|XP_017146923.1| PREDICTED: uncharacterized protein LOC108158777 isoform X13
>gi|1036958193|ref|XP 017146919.1| PREDICTED: uncharacterized protein LOC108158777 isoform X9
>gi|1036958177|ref|XP_017146918.1| PREDICTED: uncharacterized protein LOC108158777 isoform X8
>gi|1036958004|ref|XP 017146909.1| PREDICTED: uncharacterized protein LOC108158777 isoform X1
>gi|1036958042|ref|XP_017146911.1| PREDICTED: uncharacterized protein LOC108158777 isoform X1
>gi|1036958211|ref|XP_017146920.1| PREDICTED: uncharacterized protein LOC108158777 isoform X10
>gi|1036958343|ref|XP_017146928.1| PREDICTED: uncharacterized protein LOC108158777 isoform X17
>gi|1036958240|ref|XP_017146922.1| PREDICTED: uncharacterized protein LOC108158777 isoform X12
>gi|1036958140|ref|XP_017146914.1| PREDICTED: uncharacterized protein LOC108158777 isoform X5
>gi|1036958435|ref|XP_017146931.1| PREDICTED: uncharacterized protein LOC108158777 isoform X20
>gi|1036958024|ref|XP_017146910.1| PREDICTED: uncharacterized protein LOC108158777 isoform X2
>gi|1036958584|ref|XP_017146939.1| PREDICTED: protein enabled isoform X7 [Drosophila miranda]
>gi|1036958596|ref|XP_017146940.1| PREDICTED: protein enabled isoform X7 [Drosophila miranda]
>gi|1036958626|ref|XP_017146941.1| PREDICTED: protein enabled isoform X8 [Drosophila miranda]
>gi|1036958566|ref|XP_017146938.1| PREDICTED: protein enabled isoform X6 [Drosophila miranda]
>gi|1036958534|ref|XP_017146935.1| PREDICTED: protein enabled isoform X4 [Drosophila miranda]
>gi|1036958518|ref|XP 017146934.1| PREDICTED: protein enabled isoform X3 [Drosophila miranda]
>gi|1036958496|ref|XP_017146933.1| PREDICTED: protein enabled isoform X2 [Drosophila miranda]
>gi|1036958550|ref|XP 017146936.1| PREDICTED: protein enabled isoform X5 [Drosophila miranda]
>gi|1036958478|ref|XP_017146932.1| PREDICTED: protein enabled isoform X1 [Drosophila miranda]
>gi|1037022445|ref|XP 017150818.1| PREDICTED: uncharacterized protein LOC108161017 [Drosophila
>gi|1037004784|ref|XP_017149729.1| PREDICTED: uncharacterized protein LOC108160316, partial [Di
>gi|1037012405|ref|XP_017150192.1| PREDICTED: dehydrogenase/reductase SDR family member on chromatolic control of the control 
>gi|1037012421|ref|XP_017150193.1| PREDICTED: dehydrogenase/reductase SDR family member on chromatological statements and statements are supplied to the statement of the statem
>gi|1037012439|ref|XP_017150195.1| PREDICTED: dehydrogenase/reductase SDR family member on chromatolic control of the control 
>gi|1037012455|ref|XP_017150196.1| PREDICTED: dehydrogenase/reductase SDR family member on chromatological states and the states are stated as a second control of the states are stated as a second control of the states are stated as a second control of the state are stated as a second control of the stated as a
>gi|1037018137|ref|XP_017150543.1| PREDICTED: pro-resilin [Drosophila miranda]
>gi|1037018155|ref|XP_017150544.1| PREDICTED: casein kinase II subunit beta' [Drosophila miran
>gi|1036945472|ref|XP_017146148.1| PREDICTED: uncharacterized protein LOC108158402 [Drosophila
>gi|1036992498|ref|XP 017148987.1| PREDICTED: VWFA and cache domain-containing protein CG16868
>gi|1036997140|ref|XP_017149277.1| PREDICTED: phosphate carrier protein, mitochondrial [Drosop
>gi|1036997107|ref|XP 017149275.1| PREDICTED: ATP-dependent RNA helicase DDX24 [Drosophila mire
>gi|1036997123|ref|XP_017149276.1| PREDICTED: sister chromatid cohesion protein DCC1 [Drosophi
>gi|1037021091|ref|XP 017150737.1| PREDICTED: homeobox protein unplugged [Drosophila miranda]
>gi|1037010978|ref|XP_017150105.1| PREDICTED: N-acetylglucosamine-1-phosphotransferase subunit
>gi|1036958797|ref|XP_017146951.1| PREDICTED: helicase domino isoform X2 [Drosophila miranda]
>gi|1036958824|ref|XP_017146952.1| PREDICTED: helicase domino isoform X3 [Drosophila miranda]
>gi|1036958779|ref|XP_017146950.1| PREDICTED: helicase domino isoform X1 [Drosophila miranda]
>gi|1037001857|ref|XP_017149562.1| PREDICTED: tubulin beta-1 chain [Drosophila miranda]
>gi|1037008223|ref|XP 017149949.1| PREDICTED: transcription elongation factor B polypeptide 1
>gi|1037008187|ref|XP_017149947.1| PREDICTED: LOW QUALITY PROTEIN: ADP-ribosylation factor-like
>gi|1037008205|ref|XP_017149948.1| PREDICTED: 60S ribosomal protein L11 [Drosophila miranda]
>gi|1036958764|ref|XP_017146949.1| PREDICTED: NF-kappa-B inhibitor-interacting Ras-like protein
>gi|1036958679|ref|XP_017146943.1| PREDICTED: far upstream element-binding protein 3 [Drosophi
>gi|1036958712|ref|XP_017146944.1| PREDICTED: protein DEK isoform X1 [Drosophila miranda]
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>gi|1036958728|ref|XP_017146947.1| PREDICTED: protein DEK isoform X2 [Drosophila miranda]
>gi|1036958746|ref|XP_017146948.1| PREDICTED: flap endonuclease 1 [Drosophila miranda]
>gi|1036958642|ref|XP_017146942.1| PREDICTED: integrator complex subunit 8 [Drosophila miranda]
>gi|1036945094|ref|XP_017146126.1| PREDICTED: uncharacterized protein LOC108158383 [Drosophila
>gi|1037018534|ref|XP 017150571.1| PREDICTED: uncharacterized protein LOC108160838 isoform X2
>gi|1037018516|ref|XP_017150570.1| PREDICTED: uncharacterized protein LOC108160838 isoform X1
>gi|1037021372|ref|XP 017150753.1| PREDICTED: uncharacterized protein LOC108160966 isoform X1
>gi|1037021390|ref|XP_017150754.1| PREDICTED: uncharacterized protein LOC108160966 isoform X2
>gi|1036995674|ref|XP_017149185.1| PREDICTED: uncharacterized protein LOC108159988 [Drosophila
>gi|1036995692|ref|XP_017149186.1| PREDICTED: uncharacterized protein LOC108159989 [Drosophila
>gi|1036995613|ref|XP_017149181.1| PREDICTED: ras-specific guanine nucleotide-releasing factor
>gi|1036995631|ref|XP 017149183.1| PREDICTED: ras-specific guanine nucleotide-releasing factor
>gi|1036995656|ref|XP_017149184.1| PREDICTED: ras-specific guanine nucleotide-releasing factor
>gi|1036971413|ref|XP_017147690.1| PREDICTED: probable ascorbate-specific transmembrane electrons
>gi|1036971433|ref|XP_017147691.1| PREDICTED: probable ascorbate-specific transmembrane electrons
>gi|1036971451|ref|XP 017147692.1| PREDICTED: probable ascorbate-specific transmembrane electrons
>gi|1036971469|ref|XP_017147693.1| PREDICTED: probable ascorbate-specific transmembrane electrons
>gi|1036971325|ref|XP_017147685.1| PREDICTED: glutaminase kidney isoform, mitochondrial isoform
>gi|1036971289|ref|XP_017147683.1| PREDICTED: glutaminase kidney isoform, mitochondrial isoform
>gi|1036971361|ref|XP 017147687.1| PREDICTED: glutaminase kidney isoform, mitochondrial isoform
>gi|1036971397|ref|XP_017147689.1| PREDICTED: glutaminase kidney isoform, mitochondrial isoform
>gi|1036971309|ref|XP 017147684.1| PREDICTED: glutaminase kidney isoform, mitochondrial isoform
>gi|1036971267|ref|XP_017147682.1| PREDICTED: glutaminase kidney isoform, mitochondrial isoform
>gi|1036971379|ref|XP_017147688.1| PREDICTED: glutaminase kidney isoform, mitochondrial isoform
>gi|1036971345|ref|XP_017147686.1| PREDICTED: glutaminase kidney isoform, mitochondrial isoform
>gi|1036971251|ref|XP_017147681.1| PREDICTED: nucleoporin NUP188 homolog isoform X2 [Drosophile
>gi|1036971233|ref|XP_017147680.1| PREDICTED: nucleoporin NUP188 homolog isoform X1 [Drosophile
>gi|1036941097|ref|XP_017145885.1| PREDICTED: putative uncharacterized protein DDB_G0294196 [Di
>gi|1037012819|ref|XP_017150220.1| PREDICTED: uncharacterized protein LOC108160615 [Drosophila
>gi|1037012851|ref|XP_017150222.1| PREDICTED: general odorant-binding protein 67 [Drosophila m
>gi|1037012837|ref|XP_017150221.1| PREDICTED: epimerase family protein SDR39U1 [Drosophila mir
>gi|1036937440|ref|XP_017145658.1| PREDICTED: uncharacterized protein LOC108158026 [Drosophila
>gi|1036962932|ref|XP 017147196.1| PREDICTED: uncharacterized protein LOC108158912 isoform X1
>gi|1036962950|ref|XP_017147198.1| PREDICTED: uncharacterized protein LOC108158912 isoform X2
>gi|1036962965|ref|XP 017147199.1| PREDICTED: uncharacterized protein LOC108158912 isoform X3
>gi|1036963006|ref|XP_017147201.1| PREDICTED: LOW QUALITY PROTEIN: proto-oncogene serine/threo:
>gi|1036963024|ref|XP_017147202.1| PREDICTED: tafazzin homolog [Drosophila miranda]
>gi|1036963058|ref|XP_017147204.1| PREDICTED: 39S ribosomal protein L18, mitochondrial [Drosop
>gi|1036963212|ref|XP_017147215.1| PREDICTED: cytochrome b-c1 complex subunit 9 [Drosophila mi
>gi|1036963158|ref|XP_017147212.1| PREDICTED: uncharacterized protein LOC108158920 isoform X3
>gi|1036963108|ref|XP_017147208.1| PREDICTED: uncharacterized protein LOC108158920 isoform X1
>gi|1036963126|ref|XP_017147209.1| PREDICTED: uncharacterized protein LOC108158920 isoform X1
>gi|1036963144|ref|XP_017147211.1| PREDICTED: uncharacterized protein LOC108158920 isoform X2
>gi|1036963176|ref|XP_017147213.1| PREDICTED: uncharacterized protein LOC108158921 [Drosophila
>gi|1036962990|ref|XP_017147200.1| PREDICTED: NADPH:adrenodoxin oxidoreductase, mitochondrial
>gi|1036963194|ref|XP_017147214.1| PREDICTED: uncharacterized protein LOC108158922 [Drosophila
>gi|1036963042|ref|XP_017147203.1| PREDICTED: UPF0605 protein GA14893 [Drosophila miranda]
>gi|1036962895|ref|XP_017147194.1| PREDICTED: F-box/LRR-repeat protein 6 [Drosophila miranda]
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>gi|1036962913|ref|XP_017147195.1| PREDICTED: F-box/LRR-repeat protein 6 [Drosophila miranda]
>gi|1036963074|ref|XP_017147206.1| PREDICTED: uncharacterized protein LOC108158919 isoform X1
>gi|1036963090|ref|XP_017147207.1| PREDICTED: uncharacterized protein LOC108158919 isoform X2
>gi|1036990987|ref|XP_017148900.1| PREDICTED: WD repeat-containing protein 48 homolog [Drosoph
>gi|1036991001|ref|XP 017148901.1| PREDICTED: WD repeat-containing protein 48 homolog [Drosoph
>gi|1036991197|ref|XP_017148914.1| PREDICTED: protein Vhl [Drosophila miranda]
>gi|1036991235|ref|XP 017148916.1| PREDICTED: trafficking protein particle complex subunit 2-1
>gi|1036991253|ref|XP_017148917.1| PREDICTED: cuticular protein 47Eg [Drosophila miranda]
>gi|1036991217|ref|XP_017148915.1| PREDICTED: troponin C [Drosophila miranda]
>gi|1036991014|ref|XP_017148902.1| PREDICTED: glycine-rich cell wall structural protein isoform
>gi|1036991040|ref|XP_017148904.1| PREDICTED: glycine-rich cell wall structural protein isoform
>gi|1036991026|ref|XP_017148903.1| PREDICTED: glycine-rich cell wall structural protein isoform
>gi|1036991068|ref|XP_017148906.1| PREDICTED: glycine-rich cell wall structural protein 1 isof
>gi|1036991114|ref|XP_017148909.1| PREDICTED: pupal cuticle protein 36 isoform X8 [Drosophila i
>gi|1036991054|ref|XP_017148905.1| PREDICTED: glycine-rich cell wall structural protein isoform
>gi|1036991146|ref|XP_017148911.1| PREDICTED: glycine-rich cell wall structural protein isoform
>gi|1036991098|ref|XP_017148908.1| PREDICTED: glycine-rich cell wall structural protein 1 isof
>gi|1036991082|ref|XP_017148907.1| PREDICTED: glycine-rich cell wall structural protein isoform
>gi|1036991128|ref|XP_017148910.1| PREDICTED: pupal cuticle protein 36 isoform X9 [Drosophila i
>gi|1036991158|ref|XP_017148912.1| PREDICTED: pupal cuticle protein 20 isoform X11 [Drosophila
>gi|1036991177|ref|XP_017148913.1| PREDICTED: histone-lysine N-methyltransferase 2D [Drosophile]
>gi|1036944123|ref|XP 017146072.1| PREDICTED: larval cuticle protein LCP-17 [Drosophila mirand
>gi|1036943737|ref|XP_017146049.1| PREDICTED: endocuticle structural protein SgAbd-6 [Drosophi
>gi|1036945042|ref|XP_017146123.1| PREDICTED: sodium/potassium/calcium exchanger 6, mitochondr
>gi|1036942986|ref|XP_017146003.1| PREDICTED: uncharacterized protein LOC108158279 [Drosophila
>gi|1037018765|ref|XP_017150587.1| PREDICTED: cuticle protein CP14.6 [Drosophila miranda]
>gi|1037018747|ref|XP_017150586.1| PREDICTED: odorant receptor 47a [Drosophila miranda]
>gi|1037018783|ref|XP_017150588.1| PREDICTED: neuropeptide-like protein 32 [Drosophila miranda
>gi|1037001342|ref|XP_017149527.1| PREDICTED: glycine-rich RNA-binding protein 2-like [Drosoph
>gi|1037001320|ref|XP_017149526.1| PREDICTED: glycine-rich protein 3 [Drosophila miranda]
>gi|1037001156|ref|XP_017149515.1| PREDICTED: prisilkin-39 [Drosophila miranda]
>gi|1037001208|ref|XP_017149518.1| PREDICTED: glycine-rich cell wall structural protein isoform
>gi|1037001222|ref|XP_017149519.1| PREDICTED: glycine-rich cell wall structural protein isoform
>gi|1037001174|ref|XP_017149516.1| PREDICTED: uncharacterized protein LOC108160193 [Drosophila
>gi|1037001138|ref|XP 017149514.1| PREDICTED: annexin A7 [Drosophila miranda]
>gi|1037001190|ref|XP_017149517.1| PREDICTED: uncharacterized protein LOC108160194 [Drosophila
>gi|1037001292|ref|XP 017149524.1| PREDICTED: glycine-rich cell wall structural protein 1 [Dros
>gi|1037001310|ref|XP_017149525.1| PREDICTED: uncharacterized protein LOC108160201 [Drosophila
>gi|1037001272|ref|XP_017149522.1| PREDICTED: uncharacterized protein F12A10.7 [Drosophila mire
>gi|1037001236|ref|XP_017149520.1| PREDICTED: shematrin-like protein 2 [Drosophila miranda]
>gi|1037001254|ref|XP_017149521.1| PREDICTED: glycine-rich protein 5 [Drosophila miranda]
>gi|1037000121|ref|XP_017149456.1| PREDICTED: protein transport protein Sec24A isoform X2 [Dros
>gi|1037000104|ref|XP_017149455.1| PREDICTED: protein transport protein Sec24A isoform X1 [Drop
>gi|1036997742|ref|XP_017149313.1| PREDICTED: oxysterol-binding protein-related protein 9 isof
>gi|1036997760|ref|XP_017149314.1| PREDICTED: oxysterol-binding protein-related protein 9 isof
>gi|1036997778|ref|XP_017149315.1| PREDICTED: uncharacterized protein LOC108160072 isoform X1
>gi|1036997796|ref|XP_017149316.1| PREDICTED: uncharacterized protein LOC108160072 isoform X2
>gi|1036997812|ref|XP_017149317.1| PREDICTED: elongation of very long chain fatty acids protein
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>gi|1037016126|ref|XP_017150416.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037016143|ref|XP_017150417.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037019598|ref|XP_017150639.1| PREDICTED: FMRFamide-related peptides [Drosophila miranda]
>gi|1036999277|ref|XP_017149408.1| PREDICTED: cathepsin L [Drosophila miranda]
>gi|1036999301|ref|XP 017149409.1| PREDICTED: uncharacterized protein LOC108160126 [Drosophila
>gi|1036981133|ref|XP_017148300.1| PREDICTED: protein LTV1 homolog [Drosophila miranda]
>gi|1036981151|ref|XP_017148301.1| PREDICTED: glycine receptor subunit alpha-2 isoform X1 [Dros
>gi|1036981167|ref|XP_017148302.1| PREDICTED: glycine receptor subunit alpha-2 isoform X2 [Dros
>gi|1036981098|ref|XP_017148298.1| PREDICTED: periodic tryptophan protein 2 homolog [Drosophile
>gi|1036981185|ref|XP_017148303.1| PREDICTED: pre-mRNA-splicing factor Syf2 [Drosophila mirand
>gi|1037012073|ref|XP_017150173.1| PREDICTED: U7 snRNA-associated Sm-like protein LSm10 [Droso
>gi|1037012058|ref|XP 017150172.1| PREDICTED: proteasome subunit beta type-5 [Drosophila mirane
>gi|1036994604|ref|XP_017149119.1| PREDICTED: uncharacterized protein LOC108159960 [Drosophila
>gi|1036994621|ref|XP_017149121.1| PREDICTED: desumoylating isopeptidase 2 [Drosophila miranda]
>gi|1037002368|ref|XP_017149595.1| PREDICTED: transmembrane protein 170A [Drosophila miranda]
>gi|1037002360|ref|XP_017149594.1| PREDICTED: crossover junction endonuclease EME1 [Drosophila
>gi|1036986602|ref|XP_017148636.1| PREDICTED: H/ACA ribonucleoprotein complex subunit 3 [Droso
>gi|1036986584|ref|XP_017148635.1| PREDICTED: transmembrane protein 223 [Drosophila miranda]
>gi|1036986546|ref|XP_017148633.1| PREDICTED: activating transcription factor 7-interacting pro-
>gi|1036986564|ref|XP 017148634.1| PREDICTED: activating transcription factor 7-interacting pro-
>gi|1036988101|ref|XP_017148725.1| PREDICTED: la-related protein CG11505 [Drosophila miranda]
>gi|1036985448|ref|XP 017148564.1| PREDICTED: CDK-activating kinase assembly factor MAT1 [Dros
>gi|1036985520|ref|XP_017148568.1| PREDICTED: ubiquitin-conjugating enzyme E2 W isoform X2 [Dref
>gi|1036985488|ref|XP_017148566.1| PREDICTED: ubiquitin-conjugating enzyme E2 W isoform X1 [Drefine the conjugation of the conj
>gi|1036985504|ref|XP_017148567.1| PREDICTED: ubiquitin-conjugating enzyme E2 W isoform X1 [Dr
>gi|1036985430|ref|XP_017148563.1| PREDICTED: D-aspartate oxidase [Drosophila miranda]
>gi|1036985412|ref|XP_017148562.1| PREDICTED: uncharacterized protein LOC108159618 [Drosophila
>gi|1036985464|ref|XP_017148565.1| PREDICTED: ras-related protein Rab-3 [Drosophila miranda]
>gi|1036994288|ref|XP_017149099.1| PREDICTED: protocadherin-like wing polarity protein stan is
>gi|1036994326|ref|XP_017149101.1| PREDICTED: protocadherin-like wing polarity protein stan is
>gi|1036994310|ref|XP_017149100.1| PREDICTED: protocadherin-like wing polarity protein stan is
>gi|1037008170|ref|XP_017149946.1| PREDICTED: uncharacterized protein LOC108160446 [Drosophila
>gi|1037008150|ref|XP 017149944.1| PREDICTED: probable elongator complex protein 2 [Drosophila
>gi|1036939704|ref|XP_017145803.1| PREDICTED: ARF GTPase-activating protein GIT2 isoform X1 [Di
>gi|1036939723|ref|XP 017145804.1| PREDICTED: ARF GTPase-activating protein GIT2 isoform X2 [Di
>gi|1036939652|ref|XP_017145800.1| PREDICTED: mannosylglucosyl-3-phosphoglycerate phosphatase
>gi|1036939668|ref|XP_017145801.1| PREDICTED: mannosylglucosyl-3-phosphoglycerate phosphatase
>gi|1036939686|ref|XP_017145802.1| PREDICTED: mannosylglucosyl-3-phosphoglycerate phosphatase
>gi|1036939741|ref|XP_017145805.1| PREDICTED: myb-like protein Q [Drosophila miranda]
>gi|1036939860|ref|XP_017145812.1| PREDICTED: longitudinals lacking protein isoform X3 [Drosop
>gi|1036940006|ref|XP_017145823.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036939938|ref|XP_017145818.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036939954|ref|XP_017145819.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036939906|ref|XP_017145816.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036939842|ref|XP_017145811.1| PREDICTED: longitudinals lacking protein, isoforms J/P/Q/S/
>gi|1036940146|ref|XP_017145832.1| PREDICTED: longitudinals lacking protein, isoforms J/P/Q/S/
>gi|1036939876|ref|XP_017145813.1| PREDICTED: longitudinals lacking protein, isoforms A/B/D/L
>gi|1036939770|ref|XP 017145806.1| PREDICTED: longitudinals lacking protein, isoforms F/I/K/T
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>gi|1036939788|ref|XP_017145807.1| PREDICTED: longitudinals lacking protein, isoforms F/I/K/T
>gi|1036939806|ref|XP_017145809.1| PREDICTED: longitudinals lacking protein, isoforms F/I/K/T
>gi|1036939824|ref|XP_017145810.1| PREDICTED: longitudinals lacking protein, isoforms F/I/K/T
>gi|1036940095|ref|XP_017145828.1| PREDICTED: longitudinals lacking protein, isoforms A/B/D/L
>gi|1036940059|ref|XP_017145826.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036940077|ref|XP_017145827.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036940112|ref|XP_017145829.1| PREDICTED: longitudinals lacking protein, isoforms A/B/D/L
>gi|1036940042|ref|XP_017145825.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036939888|ref|XP_017145815.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036939970|ref|XP_017145821.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036939924|ref|XP_017145817.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036940024|ref|XP 017145824.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036940129|ref|XP_017145830.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036939988|ref|XP_017145822.1| PREDICTED: longitudinals lacking protein, isoforms H/M/V is
>gi|1036940307|ref|XP_017145842.1| PREDICTED: longitudinals lacking protein, isoforms N/O/W/X/
>gi|1036940274|ref|XP_017145839.1| PREDICTED: peflin [Drosophila miranda]
>gi|1036940256|ref|XP_017145838.1| PREDICTED: translin [Drosophila miranda]
>gi|1036940164|ref|XP 017145833.1| PREDICTED: carnitine O-palmitoyltransferase 1, liver isoform
>gi|1036940184|ref|XP_017145834.1| PREDICTED: carnitine O-palmitoyltransferase 1, liver isoform
>gi|1036940202|ref|XP 017145835.1| PREDICTED: carnitine O-palmitoyltransferase 1, liver isoform
>gi|1036940238|ref|XP_017145837.1| PREDICTED: carnitine O-palmitoyltransferase 1, liver isoform
>gi|1036940220|ref|XP 017145836.1| PREDICTED: carnitine O-palmitoyltransferase 1, liver isoform
>gi|1036940289|ref|XP_017145841.1| PREDICTED: peptidyl-prolyl cis-trans isomerase-like 3 [Dros
>gi|1036949033|ref|XP_017146369.1| PREDICTED: chromatin assembly factor 1 subunit B [Drosophile
>gi|1036949134|ref|XP_017146376.1| PREDICTED: G protein alpha o subunit isoform X1 [Drosophila
>gi|1036949152|ref|XP_017146377.1| PREDICTED: G protein alpha o subunit isoform X2 [Drosophila
>gi|1036949087|ref|XP_017146373.1| PREDICTED: probable cytochrome P450 49a1 isoform X1 [Drosop
>gi|1036949103|ref|XP_017146374.1| PREDICTED: probable cytochrome P450 49a1 isoform X1 [Drosop
>gi|1036949118|ref|XP_017146375.1| PREDICTED: probable cytochrome P450 49a1 isoform X2 [Drosop
>gi|1036949214|ref|XP_017146381.1| PREDICTED: succinate dehydrogenase assembly factor 2-A, mit
>gi|1036949267|ref|XP_017146385.1| PREDICTED: putative protein TPRXL [Drosophila miranda]
>gi|1036949072|ref|XP_017146372.1| PREDICTED: ran-binding proteins 9/10 homolog isoform X2 [Droteins and selection of the content of the cont
>gi|1036949051|ref|XP_017146370.1| PREDICTED: ran-binding proteins 9/10 homolog isoform X1 [Droteins and State of State 
>gi|1036949231|ref|XP_017146382.1| PREDICTED: uncharacterized protein LOC108158516 isoform X1
>gi|1036949249|ref|XP 017146383.1| PREDICTED: uncharacterized protein LOC108158516 isoform X2
>gi|1036949165|ref|XP_017146378.1| PREDICTED: receptor expression-enhancing protein 5 isoform
>gi|1036949181|ref|XP_017146379.1| PREDICTED: receptor expression-enhancing protein 5 isoform
>gi|1036949199|ref|XP_017146380.1| PREDICTED: receptor expression-enhancing protein 5 isoform
>gi|1036949285|ref|XP_017146386.1| PREDICTED: probable 28S ribosomal protein S16, mitochondria
>gi|1036948729|ref|XP_017146350.1| PREDICTED: zinc finger protein 189 isoform X1 [Drosophila m
>gi|1036948763|ref|XP_017146352.1| PREDICTED: zinc finger protein 189 isoform X3 [Drosophila m
>gi|1036948797|ref|XP_017146354.1| PREDICTED: zinc finger protein 189 isoform X5 [Drosophila m
>gi|1036948747|ref|XP_017146351.1| PREDICTED: zinc finger protein 135 isoform X2 [Drosophila m
>gi|1036948814|ref|XP_017146355.1| PREDICTED: zinc finger protein 189 isoform X6 [Drosophila m
>gi|1036948779|ref|XP_017146353.1| PREDICTED: zinc finger protein 189 isoform X4 [Drosophila m
>gi|1036948829|ref|XP_017146357.1| PREDICTED: zinc finger protein 300 isoform X7 [Drosophila m
>gi|1036948849|ref|XP_017146358.1| PREDICTED: zinc finger protein 189 isoform X8 [Drosophila m
>gi|1036948966|ref|XP_017146365.1| PREDICTED: zinc finger protein 665 isoform X15 [Drosophila 1
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>gi|1036949017|ref|XP_017146368.1| PREDICTED: zinc finger protein 567 isoform X18 [Drosophila i
>gi|1036948867|ref|XP_017146359.1| PREDICTED: zinc finger protein 189 isoform X9 [Drosophila m
>gi|1036948883|ref|XP_017146360.1| PREDICTED: zinc finger protein 189 isoform X10 [Drosophila 1
>gi|1036948899|ref|XP_017146361.1| PREDICTED: zinc finger protein 189 isoform X11 [Drosophila i
>gi|1036948917|ref|XP_017146362.1| PREDICTED: zinc finger protein 135 isoform X12 [Drosophila i
>gi|1036948933|ref|XP_017146363.1| PREDICTED: zinc finger protein 189 isoform X13 [Drosophila 1
>gi|1036948949|ref|XP_017146364.1| PREDICTED: zinc finger protein 189 isoform X14 [Drosophila i
>gi|1036949001|ref|XP_017146367.1| PREDICTED: zinc finger protein 189 isoform X17 [Drosophila i
>gi|1037004800|ref|XP_017149730.1| PREDICTED: uncharacterized protein LOC108160317 [Drosophila
>gi|1037004852|ref|XP_017149734.1| PREDICTED: vesicular inhibitory amino acid transporter [Dros
>gi|1037004818|ref|XP 017149731.1| PREDICTED: putative transcription factor SOX-15 isoform X1
>gi|1037004834|ref|XP_017149732.1| PREDICTED: putative transcription factor SOX-15 isoform X2
>gi|1036975311|ref|XP_017147933.1| PREDICTED: LOW QUALITY PROTEIN: nucleoprotein TPR [Drosophi
>gi|1036975329|ref|XP_017147934.1| PREDICTED: 40S ribosomal protein S23 [Drosophila miranda]
>gi|1036998556|ref|XP 017149366.1| PREDICTED: putative ferric-chelate reductase 1 homolog isof
>gi|1036998592|ref|XP_017149368.1| PREDICTED: putative ferric-chelate reductase 1 homolog isof
>gi|1036998574|ref|XP 017149367.1| PREDICTED: putative ferric-chelate reductase 1 homolog isof
>gi|1036998540|ref|XP_017149365.1| PREDICTED: FAS-associated factor 1 isoform X2 [Drosophila m
>gi|1036998525|ref|XP 017149364.1| PREDICTED: FAS-associated factor 1 isoform X1 [Drosophila m
>gi|1036943110|ref|XP_017146011.1| PREDICTED: uncharacterized protein LOC108158285 [Drosophila
>gi|1037015660|ref|XP 017150391.1| PREDICTED: pikachurin isoform X1 [Drosophila miranda]
>gi|1037015676|ref|XP_017150392.1| PREDICTED: pikachurin isoform X1 [Drosophila miranda]
>gi|1037015690|ref|XP_017150393.1| PREDICTED: pikachurin isoform X2 [Drosophila miranda]
>gi|1036998403|ref|XP_017149356.1| PREDICTED: uncharacterized protein LOC108160090 [Drosophila
>gi|1036967528|ref|XP_017147460.1| PREDICTED: dystroglycan isoform X4 [Drosophila miranda]
>gi|1036967511|ref|XP_017147459.1| PREDICTED: dystroglycan isoform X3 [Drosophila miranda]
>gi|1036967564|ref|XP_017147462.1| PREDICTED: uncharacterized protein LOC108159044 isoform X6
>gi|1036967546|ref|XP_017147461.1| PREDICTED: uncharacterized protein LOC108159044 isoform X5
>gi|1036967491|ref|XP_017147458.1| PREDICTED: dystroglycan isoform X2 [Drosophila miranda]
>gi|1036967473|ref|XP_017147457.1| PREDICTED: dystroglycan isoform X1 [Drosophila miranda]
>gi|1036967619|ref|XP_017147465.1| PREDICTED: 39S ribosomal protein L34, mitochondrial [Drosop
>gi|1036967584|ref|XP_017147463.1| PREDICTED: polynucleotide 5'-hydroxyl-kinase NOL9 [Drosophi
>gi|1036967601|ref|XP_017147464.1| PREDICTED: polynucleotide 5'-hydroxyl-kinase NOL9 [Drosophi
>gi|1037006145|ref|XP 017149818.1| PREDICTED: uncharacterized protein LOC108160359 [Drosophila
>gi|1037006109|ref|XP_017149816.1| PREDICTED: serine protease snake isoform X1 [Drosophila mire
>gi|1037006127|ref|XP 017149817.1| PREDICTED: serine protease snake isoform X2 [Drosophila mire
>gi|1037001379|ref|XP_017149530.1| PREDICTED: methyltransferase-like protein 6 [Drosophila mire
>gi|1037001365|ref|XP_017149529.1| PREDICTED: hyccin isoform X2 [Drosophila miranda]
>gi|1037001350|ref|XP_017149528.1| PREDICTED: hyccin isoform X1 [Drosophila miranda]
>gi|1036985282|ref|XP_017148553.1| PREDICTED: stomatin-4 [Drosophila miranda]
>gi|1036985266|ref|XP 017148552.1| PREDICTED: phosphatidylinositol N-acetylglucosaminyltransfe
>gi|1036985219|ref|XP_017148549.1| PREDICTED: syndetin [Drosophila miranda]
>gi|1036985248|ref|XP_017148551.1| PREDICTED: uncharacterized protein LOC108159608 [Drosophila
>gi|1036985232|ref|XP_017148550.1| PREDICTED: larval serum protein 2 [Drosophila miranda]
>gi|1036937458|ref|XP_017145659.1| PREDICTED: WD repeat-containing protein 5 [Drosophila miran
>gi|1036984586|ref|XP_017148510.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1036984572|ref|XP_017148509.1| PREDICTED: sodium-independent sulfate anion transporter iso
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>gi|1036948983|ref|XP\_017146366.1| PREDICTED: zinc finger protein 189 isoform X16 [Drosophila i

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>gi|1036984602|ref|XP_017148511.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1036984620|ref|XP_017148512.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1036984499|ref|XP 017148505.1| PREDICTED: sarcosine dehydrogenase, mitochondrial [Drosophi
>gi|1036984636|ref|XP_017148514.1| PREDICTED: neurogenic differentiation factor 2 [Drosophila i
>gi|1036984517|ref|XP 017148506.1| PREDICTED: probable peroxisomal acyl-coenzyme A oxidase 1 []
>gi|1036984554|ref|XP_017148508.1| PREDICTED: dolichyl-diphosphooligosaccharide--protein glyco-
>gi|1037021003|ref|XP 017150731.1| PREDICTED: uncharacterized protein LOC108160951 [Drosophila
>gi|1037020987|ref|XP_017150730.1| PREDICTED: uncharacterized protein LOC108160950 [Drosophila
>gi|1037018092|ref|XP_017150540.1| PREDICTED: uncharacterized protein LOC108160821 isoform X2
>gi|1037018078|ref|XP_017150539.1| PREDICTED: uncharacterized protein LOC108160821 isoform X1
>gi|1036990591|ref|XP_017148877.1| PREDICTED: putative 1-phosphatidylinositol 3-phosphate 5-ki
>gi|1036990609|ref|XP 017148878.1| PREDICTED: anaphase-promoting complex subunit 13 [Drosophile
>gi|1036981521|ref|XP_017148324.1| PREDICTED: cap-specific mRNA (nucleoside-2'-0-)-methyltrans
>gi|1036981556|ref|XP_017148327.1| PREDICTED: ubiquitin-conjugating enzyme E2 L3 [Drosophila m
>gi|1036981507|ref|XP_017148323.1| PREDICTED: ribosome biogenesis protein BOP1 homolog [Drosop
>gi|1036981538|ref|XP_017148326.1| PREDICTED: regulator of G-protein signaling 17 [Drosophila i
>gi|1036983456|ref|XP_017148440.1| PREDICTED: protein grainyhead isoform X1 [Drosophila mirand
>gi|1036983472|ref|XP_017148441.1| PREDICTED: protein grainyhead isoform X2 [Drosophila mirand
>gi|1036983529|ref|XP_017148444.1| PREDICTED: protein grainyhead isoform X5 [Drosophila mirand
>gi|1036983565|ref|XP_017148446.1| PREDICTED: protein grainyhead isoform X7 [Drosophila mirand
>gi|1036983491|ref|XP_017148442.1| PREDICTED: protein grainyhead isoform X3 [Drosophila mirand
>gi|1036983511|ref|XP_017148443.1| PREDICTED: protein grainyhead isoform X4 [Drosophila mirand
>gi|1036983547|ref|XP_017148445.1| PREDICTED: protein grainyhead isoform X6 [Drosophila mirand
>gi|1036983579|ref|XP_017148447.1| PREDICTED: protein grainyhead isoform X8 [Drosophila mirand
>gi|1036941699|ref|XP_017145919.1| PREDICTED: uncharacterized protein LOC108158208 [Drosophila
>gi|1036968129|ref|XP_017147498.1| PREDICTED: uncharacterized protein LOC108159064 [Drosophila
>gi|1036968073|ref|XP 017147494.1| PREDICTED: calcium release-activated calcium channel protein
>gi|1036968095|ref|XP_017147495.1| PREDICTED: calcium release-activated calcium channel protein
>gi|1036968111|ref|XP_017147496.1| PREDICTED: calcium release-activated calcium channel protein
>gi|1036968147|ref|XP_017147499.1| PREDICTED: trypsin I-P1 isoform X1 [Drosophila miranda]
>gi|1036968215|ref|XP_017147500.1| PREDICTED: trypsin I-P1 isoform X2 [Drosophila miranda]
>gi|1036968053|ref|XP_017147493.1| PREDICTED: calcium release-activated calcium channel protein
>gi|1036968233|ref|XP 017147501.1| PREDICTED: MORN repeat-containing protein 3 [Drosophila mire
>gi|1036968035|ref|XP_017147492.1| PREDICTED: protein three rows isoform X2 [Drosophila mirand
>gi|1036968015|ref|XP 017147491.1| PREDICTED: protein three rows isoform X1 [Drosophila mirand
>gi|1037000161|ref|XP_017149458.1| PREDICTED: acidic leucine-rich nuclear phosphoprotein 32 fa
>gi|1037000141|ref|XP_017149457.1| PREDICTED: acidic leucine-rich nuclear phosphoprotein 32 fa
>gi|1037006058|ref|XP_017149812.1| PREDICTED: enoyl-CoA hydratase domain-containing protein 3,
>gi|1037006074|ref|XP_017149814.1| PREDICTED: glutathione S-transferase S1 [Drosophila miranda]
>gi|1037006091|ref|XP_017149815.1| PREDICTED: glutathione S-transferase S1 [Drosophila miranda]
>gi|1037014644|ref|XP_017150331.1| PREDICTED: triple functional domain protein [Drosophila mire
>gi|1037014660|ref|XP_017150332.1| PREDICTED: uncharacterized protein LOC108160691 [Drosophila
>gi|1037019362|ref|XP_017150625.1| PREDICTED: kalirin isoform X1 [Drosophila miranda]
>gi|1037019378|ref|XP_017150627.1| PREDICTED: kalirin isoform X2 [Drosophila miranda]
>gi|1036943845|ref|XP_017146056.1| PREDICTED: uncharacterized protein LOC108158326 [Drosophila
>gi|1036943094|ref|XP_017146010.1| PREDICTED: eIF-2-alpha kinase GCN2-like [Drosophila miranda]
>gi|1036942403|ref|XP_017145966.1| PREDICTED: uncharacterized protein LOC108158244 [Drosophila
>gi|1036942922|ref|XP_017145999.1| PREDICTED: uncharacterized protein LOC108158274 [Drosophila
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>gi|1036942345|ref|XP_017145963.1| PREDICTED: uncharacterized protein LOC108158241 [Drosophila
>gi|1036942509|ref|XP_017145973.1| PREDICTED: uncharacterized protein LOC108158248 [Drosophila
>gi|1037016233|ref|XP 017150423.1| PREDICTED: glutenin, high molecular weight subunit DX5 isof
>gi|1037016249|ref|XP_017150424.1| PREDICTED: glutenin, high molecular weight subunit DX5 isof
>gi|1036940789|ref|XP 017145873.1| PREDICTED: uncharacterized protein LOC108158161 [Drosophila
>gi|1036940806|ref|XP_017145874.1| PREDICTED: uncharacterized protein LOC108158162 [Drosophila
>gi|1036946344|ref|XP 017146202.1| PREDICTED: protein TonB [Drosophila miranda]
>gi|1036937476|ref|XP_017145660.1| PREDICTED: probable palmitoyltransferase ZDHHC20 [Drosophile
>gi|1036946560|ref|XP_017146216.1| PREDICTED: leucine-rich repeat extensin-like protein 3 [Dros
>gi|1036946362|ref|XP_017146203.1| PREDICTED: skin secretory protein xP2 [Drosophila miranda]
>gi|1036946444|ref|XP_017146209.1| PREDICTED: skin secretory protein xP2 [Drosophila miranda]
>gi|1036976876|ref|XP_017148030.1| PREDICTED: uncharacterized protein LOC108159342 [Drosophila
>gi|1036976822|ref|XP_017148027.1| PREDICTED: uncharacterized protein LOC108159340 [Drosophila
>gi|1036976804|ref|XP_017148026.1| PREDICTED: antifreeze protein Maxi-like [Drosophila miranda]
>gi|1036976840|ref|XP 017148028.1| PREDICTED: uncharacterized protein LOC108159341 isoform X1
>gi|1036976858|ref|XP_017148029.1| PREDICTED: uncharacterized protein LOC108159341 isoform X2
>gi|1036937494|ref|XP_017145662.1| PREDICTED: polyglutamine-repeat protein pqn-41 [Drosophila n
>gi|1037002200|ref|XP_017149584.1| PREDICTED: Na(+)/H(+) exchange regulatory cofactor NHE-RF1
>gi|1037002182|ref|XP_017149583.1| PREDICTED: uncharacterized protein LOC108160237 [Drosophila
>gi|1036991607|ref|XP 017148932.1| PREDICTED: uncharacterized protein LOC108159851 [Drosophila
>gi|1036991591|ref|XP_017148931.1| PREDICTED: LOW QUALITY PROTEIN: bcl-2-related ovarian killer
>gi|1036991573|ref|XP 017148930.1| PREDICTED: electron transfer flavoprotein subunit alpha, mi
>gi|1036991553|ref|XP_017148928.1| PREDICTED: electron transfer flavoprotein subunit alpha, mi
>gi|1036991535|ref|XP_017148927.1| PREDICTED: RNA/RNP complex-1-interacting phosphatase [Droso
>gi|1036937512|ref|XP_017145663.1| PREDICTED: uncharacterized protein LOC108158030 [Drosophila
>gi|1036990847|ref|XP_017148891.1| PREDICTED: uncharacterized protein LOC108159827 isoform X1
>gi|1036990865|ref|XP_017148892.1| PREDICTED: uncharacterized protein LOC108159827 isoform X2
>gi|1036990885|ref|XP_017148893.1| PREDICTED: uncharacterized protein LOC108159827 isoform X2
>gi|1036990901|ref|XP_017148894.1| PREDICTED: uncharacterized protein LOC108159827 isoform X2
>gi|1036936055|ref|XP_017145569.1| PREDICTED: integrator complex subunit 5-like protein [Droso
>gi|1036990805|ref|XP_017148888.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017148888.1]
>gi|1036990919|ref|XP_017148895.1| PREDICTED: uncharacterized protein LOC108159828 isoform X1
>gi|1036990935|ref|XP 017148896.1| PREDICTED: uncharacterized protein LOC108159828 isoform X2
>gi|1036990835|ref|XP_017148890.1| PREDICTED: serine-rich adhesin for platelets isoform X3 [Dr
>gi|1036990971|ref|XP 017148898.1| PREDICTED: uncharacterized protein LOC108159830 isoform X2
>gi|1036990953|ref|XP_017148897.1| PREDICTED: uncharacterized protein LOC108159830 isoform X1
>gi|1036936073|ref|XP 017145570.1| PREDICTED: uncharacterized protein LOC108157937 [Drosophila
>gi|1036990821|ref|XP_017148889.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dr
>gi|1036994450|ref|XP_017149109.1| PREDICTED: guanine nucleotide-binding protein subunit beta-
>gi|1036994344|ref|XP_017149102.1| PREDICTED: sine oculis-binding protein homolog isoform X1 [
>gi|1036994366|ref|XP_017149103.1| PREDICTED: sine oculis-binding protein homolog isoform X1 [
>gi|1036994384|ref|XP_017149104.1| PREDICTED: sine oculis-binding protein homolog isoform X1 [
>gi|1036994401|ref|XP_017149105.1| PREDICTED: sine oculis-binding protein homolog isoform X2 [
>gi|1036994418|ref|XP_017149106.1| PREDICTED: sine oculis-binding protein homolog isoform X3 [
>gi|1036994468|ref|XP_017149110.1| PREDICTED: LYR motif-containing protein 2 [Drosophila miran-
>gi|1036994435|ref|XP_017149107.1| PREDICTED: membrane-bound transcription factor site-2 protection
>gi|1036942740|ref|XP_017145988.1| PREDICTED: uncharacterized protein LOC108158263 [Drosophila
>gi|1037018257|ref|XP_017150552.1| PREDICTED: uncharacterized protein LOC108160830 isoform X1
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>gi|1036946378|ref|XP_017146204.1| PREDICTED: uncharacterized protein LOC108158433 [Drosophila
>gi|1036941629|ref|XP_017145915.1| PREDICTED: extensin-3 [Drosophila miranda]
>gi|1036954865|ref|XP_017146729.1| PREDICTED: uncharacterized protein LOC108158702 [Drosophila
>gi|1036954768|ref|XP 017146725.1| PREDICTED: uncharacterized protein LOC108158701 isoform X1
>gi|1036954788|ref|XP_017146726.1| PREDICTED: uncharacterized protein LOC108158701 isoform X2
>gi|1036954837|ref|XP 017146727.1| PREDICTED: uncharacterized protein LOC108158701 isoform X3
>gi|1036954742|ref|XP_017146724.1| PREDICTED: caspase-3 [Drosophila miranda]
>gi|1036954662|ref|XP 017146720.1| PREDICTED: LOW QUALITY PROTEIN: midasin [Drosophila miranda
>gi|1036954702|ref|XP_017146722.1| PREDICTED: protein cutoff isoform X1 [Drosophila miranda]
>gi|1036954724|ref|XP_017146723.1| PREDICTED: protein cutoff isoform X2 [Drosophila miranda]
>gi|1036954684|ref|XP_017146721.1| PREDICTED: protein disulfide-isomerase A3 [Drosophila miran
>gi|1036966016|ref|XP_017147376.1| PREDICTED: elongation factor 1-alpha 1 [Drosophila miranda]
>gi|1036965982|ref|XP_017147374.1| PREDICTED: uncharacterized protein LOC108159012 isoform X1
>gi|1036965999|ref|XP_017147375.1| PREDICTED: uncharacterized protein LOC108159012 isoform X2
>gi|1036966052|ref|XP_017147379.1| PREDICTED: zinc transporter ZIP11 [Drosophila miranda]
>gi|1036966034|ref|XP_017147378.1| PREDICTED: uncharacterized protein LOC108159014 [Drosophila
>gi|1037001906|ref|XP_017149566.1| PREDICTED: uncharacterized protein LOC108160226 isoform X1
>gi|1037001923|ref|XP_017149567.1| PREDICTED: lateral signaling target protein 2 homolog isofo
>gi|1037001941|ref|XP 017149568.1| PREDICTED: proteasome inhibitor PI31 subunit [Drosophila mi
>gi|1036958943|ref|XP_017146962.1| PREDICTED: uncharacterized protein LOC108158791 isoform X1
>gi|1036958956|ref|XP 017146963.1| PREDICTED: uncharacterized protein LOC108158791 isoform X2
>gi|1036958969|ref|XP_017146964.1| PREDICTED: uncharacterized protein LOC108158791 isoform X2
>gi|1036958985|ref|XP_017146965.1| PREDICTED: uncharacterized protein LOC108158791 isoform X2
>gi|1036959000|ref|XP_017146966.1| PREDICTED: uncharacterized protein LOC108158791 isoform X2
>gi|1036959032|ref|XP_017146968.1| PREDICTED: origin recognition complex subunit 6 [Drosophila
>gi|1036959017|ref|XP_017146967.1| PREDICTED: proteasome subunit alpha type-3 [Drosophila mirates
>gi|1036959078|ref|XP_017146971.1| PREDICTED: transducin beta-like protein 3 [Drosophila miran-
>gi|1036959064|ref|XP_017146970.1| PREDICTED: pyruvate carboxylase, mitochondrial isoform X2 [
>gi|1036959047|ref|XP_017146969.1| PREDICTED: pyruvate carboxylase, mitochondrial isoform X1 [
>gi|1036959094|ref|XP_017146973.1| PREDICTED: probable aspartate aminotransferase, cytoplasmic
>gi|1036959144|ref|XP_017146976.1| PREDICTED: DNA-binding protein SMUBP-2 [Drosophila miranda]
>gi|1036959129|ref|XP_017146975.1| PREDICTED: UPF0598 protein CG30010 [Drosophila miranda]
>gi|1036959111|ref|XP_017146974.1| PREDICTED: protein crossbronx [Drosophila miranda]
>gi|1037016328|ref|XP 017150429.1| PREDICTED: leucine-rich repeat neuronal protein 2 [Drosophi
>gi|1037016365|ref|XP_017150431.1| PREDICTED: venom allergen 5.01 [Drosophila miranda]
>gi|1036937530|ref|XP 017145664.1| PREDICTED: uncharacterized protein LOC108158031, partial [Di
>gi|1037016345|ref|XP_017150430.1| PREDICTED: venom allergen 5-like [Drosophila miranda]
>gi|1036969387|ref|XP_017147569.1| PREDICTED: cytochrome P450 9c1 [Drosophila miranda]
>gi|1036969534|ref|XP_017147577.1| PREDICTED: uncharacterized protein LOC108159110 [Drosophila
>gi|1036969551|ref|XP_017147579.1| PREDICTED: uncharacterized protein LOC108159110 [Drosophila
>gi|1036969569|ref|XP_017147580.1| PREDICTED: uncharacterized protein LOC108159110 [Drosophila
>gi|1036969691|ref|XP 017147587.1| PREDICTED: uncharacterized protein LOC108159115 isoform X2
>gi|1036969677|ref|XP_017147586.1| PREDICTED: uncharacterized protein LOC108159115 isoform X1
>gi|1036969585|ref|XP_017147581.1| PREDICTED: uncharacterized aarF domain-containing protein k
>gi|1036969603|ref|XP_017147582.1| PREDICTED: uncharacterized aarF domain-containing protein k
>gi|1036969477|ref|XP_017147574.1| PREDICTED: probable ribonuclease ZC3H12C isoform X4 [Drosop
>gi|1036969443|ref|XP_017147572.1| PREDICTED: probable ribonuclease ZC3H12C isoform X2 [Drosop
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>gi|1037018275|ref|XP\_017150553.1| PREDICTED: uncharacterized protein LOC108160830 isoform X2

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>gi|1036969459|ref|XP_017147573.1| PREDICTED: probable ribonuclease ZC3H12C isoform X3 [Drosop
>gi|1036969403|ref|XP_017147570.1| PREDICTED: probable ribonuclease ZC3H12C isoform X1 [Drosop
>gi|1036969425|ref|XP 017147571.1| PREDICTED: probable ribonuclease ZC3H12C isoform X1 [Drosop.
>gi|1036969496|ref|XP_017147575.1| PREDICTED: probable ribonuclease ZC3H12C isoform X5 [Drosop
>gi|1036969514|ref|XP 017147576.1| PREDICTED: uncharacterized protein LOC108159108 isoform X6
>gi|1036969370|ref|XP_017147568.1| PREDICTED: transcription factor grauzone [Drosophila mirand
>gi|1036969640|ref|XP 017147584.1| PREDICTED: probable methyltransferase BTM2 homolog [Drosoph
>gi|1036969658|ref|XP_017147585.1| PREDICTED: uncharacterized protein LOC108159114 [Drosophila
>gi|1036969623|ref|XP_017147583.1| PREDICTED: uncharacterized protein LOC108159112 [Drosophila
>gi|1036982812|ref|XP_017148402.1| PREDICTED: putative ATP synthase subunit f, mitochondrial [
>gi|1036982794|ref|XP_017148401.1| PREDICTED: uncharacterized protein LOC108159536 [Drosophila
>gi|1036982760|ref|XP_017148399.1| PREDICTED: uncharacterized protein LOC108159534 isoform X2
>gi|1036982742|ref|XP_017148398.1| PREDICTED: uncharacterized protein LOC108159534 isoform X1
>gi|1036982776|ref|XP_017148400.1| PREDICTED: testis-expressed sequence 9 protein [Drosophila 1
>gi|1036982830|ref|XP_017148403.1| PREDICTED: neuropeptide SIFamide [Drosophila miranda]
>gi|1036982705|ref|XP_017148396.1| PREDICTED: stAR-related lipid transfer protein 3 [Drosophile
>gi|1036982723|ref|XP_017148397.1| PREDICTED: stAR-related lipid transfer protein 3 [Drosophile
>gi|1036968656|ref|XP_017147526.1| PREDICTED: peptidylprolyl isomerase domain and WD repeat-co
>gi|1036968639|ref|XP_017147525.1| PREDICTED: peptidylprolyl isomerase domain and WD repeat-co
>gi|1036968676|ref|XP_017147527.1| PREDICTED: peptidylprolyl isomerase domain and WD repeat-co
>gi|1036968592|ref|XP_017147522.1| PREDICTED: RNA polymerase II subunit A C-terminal domain ph
>gi|1036968624|ref|XP 017147524.1| PREDICTED: myosin-3 [Drosophila miranda]
>gi|1036968610|ref|XP_017147523.1| PREDICTED: zinc finger protein 598 [Drosophila miranda]
>gi|1036997912|ref|XP_017149324.1| PREDICTED: inorganic pyrophosphatase [Drosophila miranda]
>gi|1036997928|ref|XP_017149325.1| PREDICTED: ion transport peptide isoform X1 [Drosophila mire
>gi|1036997984|ref|XP_017149330.1| PREDICTED: ion transport peptide-like isoform X4 [Drosophile
>gi|1036997950|ref|XP_017149326.1| PREDICTED: ion transport peptide-like isoform X2 [Drosophile
>gi|1036997968|ref|XP_017149327.1| PREDICTED: ion transport peptide-like isoform X3 [Drosophile
>gi|1036998001|ref|XP_017149331.1| PREDICTED: ion transport peptide-like isoform X5 [Drosophile
>gi|1036998018|ref|XP_017149332.1| PREDICTED: ion transport peptide-like isoform X5 [Drosophile
>gi|1036998036|ref|XP_017149333.1| PREDICTED: ion transport peptide isoform X6 [Drosophila mire
>gi|1036937544|ref|XP_017145665.1| PREDICTED: chorion protein S38 [Drosophila miranda]
>gi|1037006220|ref|XP 017149823.1| PREDICTED: zinc finger protein 227 [Drosophila miranda]
>gi|1037006238|ref|XP_017149824.1| PREDICTED: geminin [Drosophila miranda]
>gi|1036993368|ref|XP 017149043.1| PREDICTED: uncharacterized protein LOC108159918 [Drosophila
>gi|1036993384|ref|XP_017149044.1| PREDICTED: tetratricopeptide repeat protein 4 [Drosophila m
>gi|1036984912|ref|XP_017148531.1| PREDICTED: nascent polypeptide-associated complex subunit a
>gi|1036984930|ref|XP_017148532.1| PREDICTED: nascent polypeptide-associated complex subunit a
>gi|1036984896|ref|XP_017148530.1| PREDICTED: diacylglycerol kinase epsilon [Drosophila mirand
>gi|1036984860|ref|XP_017148528.1| PREDICTED: 25S rRNA (cytosine-C(5))-methyltransferase nop2
>gi|1036984878|ref|XP_017148529.1| PREDICTED: endothelin-converting enzyme 1 [Drosophila mirane
>gi|1036973631|ref|XP_017147831.1| PREDICTED: diuretic hormone receptor isoform X1 [Drosophila
>gi|1036973645|ref|XP_017147833.1| PREDICTED: diuretic hormone receptor isoform X1 [Drosophila
>gi|1036973658|ref|XP_017147834.1| PREDICTED: diuretic hormone receptor isoform X2 [Drosophila
>gi|1036973670|ref|XP_017147835.1| PREDICTED: diuretic hormone receptor isoform X3 [Drosophila
>gi|1036973686|ref|XP_017147836.1| PREDICTED: diuretic hormone receptor isoform X4 [Drosophila
>gi|1036973706|ref|XP_017147837.1| PREDICTED: diuretic hormone receptor isoform X5 [Drosophila
>gi|1036973533|ref|XP_017147824.1| PREDICTED: probable beta-hexosaminidase fdl isoform X2 [Dros
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>gi|1036973517|ref|XP_017147823.1| PREDICTED: probable beta-hexosaminidase fdl isoform X1 [Drop
>gi|1036973549|ref|XP_017147825.1| PREDICTED: probable beta-hexosaminidase fdl isoform X1 [Drop
>gi|1036973753|ref|XP 017147840.1| PREDICTED: uncharacterized protein DDB G0271670-like [Droso
>gi|1036973719|ref|XP_017147838.1| PREDICTED: uncharacterized protein LOC108159236 isoform X1
>gi|1036973736|ref|XP 017147839.1| PREDICTED: uncharacterized protein LOC108159236 isoform X2
>gi|1036973602|ref|XP_017147829.1| PREDICTED: homeobox protein PKNOX2 isoform X2 [Drosophila m
>gi|1036973574|ref|XP 017147827.1| PREDICTED: uncharacterized protein LOC108159232 isoform X1
>gi|1036973588|ref|XP_017147828.1| PREDICTED: uncharacterized protein LOC108159232 isoform X1
>gi|1036973561|ref|XP_017147826.1| PREDICTED: uncharacterized protein LOC108159231 [Drosophila
>gi|1036973616|ref|XP_017147830.1| PREDICTED: uncharacterized protein LOC108159234 [Drosophila
>gi|1036951017|ref|XP_017146497.1| PREDICTED: transmembrane protein 131 homolog [Drosophila mi
>gi|1036951177|ref|XP_017146506.1| PREDICTED: transcription factor grauzone isoform X2 [Drosop
>gi|1036951159|ref|XP_017146505.1| PREDICTED: transcription factor grauzone isoform X1 [Drosop
>gi|1036951192|ref|XP_017146507.1| PREDICTED: monocarboxylate transporter 13 [Drosophila miran-
>gi|1036951210|ref|XP_017146509.1| PREDICTED: monocarboxylate transporter 13 [Drosophila mirane
>gi|1036951275|ref|XP_017146513.1| PREDICTED: proteasome subunit beta type-6 [Drosophila miran-
>gi|1036951226|ref|XP 017146510.1| PREDICTED: exosome complex exonuclease RRP42 [Drosophila mi
>gi|1036951245|ref|XP_017146511.1| PREDICTED: ER membrane protein complex subunit 7 homolog [Di
>gi|1036951262|ref|XP 017146512.1| PREDICTED: uncharacterized protein LOC108158580 [Drosophila
>gi|1036951107|ref|XP_017146502.1| PREDICTED: monocarboxylate transporter 3 [Drosophila mirand
>gi|1036951125|ref|XP 017146503.1| PREDICTED: monocarboxylate transporter 3 [Drosophila mirand
>gi|1036951143|ref|XP_017146504.1| PREDICTED: monocarboxylate transporter 3 [Drosophila mirand
>gi|1036951089|ref|XP_017146501.1| PREDICTED: dynamin-like 120 kDa protein, mitochondrial isof
>gi|1036951071|ref|XP_017146500.1| PREDICTED: dynamin-like 120 kDa protein, mitochondrial isof
>gi|1036951053|ref|XP_017146499.1| PREDICTED: dynamin-like 120 kDa protein, mitochondrial isof
>gi|1036951035|ref|XP_017146498.1| PREDICTED: dynamin-like 120 kDa protein, mitochondrial isof
>gi|1036951492|ref|XP_017146528.1| PREDICTED: SNF-related serine/threonine-protein kinase [Dros
>gi|1036951480|ref|XP_017146527.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 20 [Drosop
>gi|1036951560|ref|XP_017146532.1| PREDICTED: protein msta [Drosophila miranda]
>gi|1036951466|ref|XP_017146526.1| PREDICTED: multidrug resistance protein 1A [Drosophila mirates
>gi|1036951510|ref|XP_017146529.1| PREDICTED: heat shock 70 kDa protein cognate 5 [Drosophila i
>gi|1036951582|ref|XP 017146533.1| PREDICTED: dnaJ homolog subfamily C member 11 [Drosophila m
>gi|1036951599|ref|XP_017146534.1| PREDICTED: dnaJ homolog subfamily C member 11 [Drosophila m
>gi|1036951619|ref|XP 017146535.1| PREDICTED: beta-1,4-N-acetylgalactosaminyltransferase bre-4
>gi|1036951544|ref|XP_017146531.1| PREDICTED: putative GPI-anchored protein PB15E9.01c isoform
>gi|1036951526|ref|XP 017146530.1| PREDICTED: putative GPI-anchored protein PB15E9.01c isoform
>gi|1036951637|ref|XP_017146536.1| PREDICTED: selenide, water dikinase [Drosophila miranda]
>gi|1036972875|ref|XP_017147783.1| PREDICTED: chaoptin isoform X1 [Drosophila miranda]
>gi|1036972889|ref|XP_017147784.1| PREDICTED: chaoptin isoform X2 [Drosophila miranda]
>gi|1036972907|ref|XP_017147785.1| PREDICTED: uncharacterized protein LOC108159216 isoform X1
>gi|1036972925|ref|XP_017147787.1| PREDICTED: uncharacterized protein LOC108159216 isoform X2
>gi|1036973014|ref|XP_017147792.1| PREDICTED: uncharacterized protein LOC108159216 isoform X7
>gi|1036973032|ref|XP_017147793.1| PREDICTED: uncharacterized protein LOC108159216 isoform X8
>gi|1036972963|ref|XP_017147789.1| PREDICTED: uncharacterized protein LOC108159216 isoform X4
>gi|1036973050|ref|XP_017147794.1| PREDICTED: uncharacterized protein LOC108159216 isoform X9
>gi|1036973084|ref|XP_017147796.1| PREDICTED: uncharacterized protein LOC108159216 isoform X11
>gi|1036972945|ref|XP_017147788.1| PREDICTED: uncharacterized protein LOC108159216 isoform X3
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>gi|1036972980|ref|XP_017147790.1| PREDICTED: uncharacterized protein LOC108159216 isoform X5
>gi|1036973066|ref|XP_017147795.1| PREDICTED: uncharacterized protein LOC108159216 isoform X10
>gi|1036972998|ref|XP_017147791.1| PREDICTED: uncharacterized protein LOC108159216 isoform X6
>gi|1036973101|ref|XP_017147798.1| PREDICTED: uncharacterized protein LOC108159216 isoform X12
>gi|1036973119|ref|XP 017147799.1| PREDICTED: uncharacterized protein LOC108159216 isoform X13
>gi|1036973136|ref|XP_017147800.1| PREDICTED: potassium/sodium hyperpolarization-activated cyc
>gi|1036973182|ref|XP 017147803.1| PREDICTED: uncharacterized protein LOC108159217 isoform X2
>gi|1036973152|ref|XP_017147801.1| PREDICTED: uncharacterized protein LOC108159217 isoform X1
>gi|1036973168|ref|XP_017147802.1| PREDICTED: uncharacterized protein LOC108159217 isoform X1
>gi|1037013532|ref|XP_017150263.1| PREDICTED: 60S ribosomal protein L23 [Drosophila miranda]
>gi|1037013514|ref|XP_017150262.1| PREDICTED: inactivation-no-after-potential D protein [Droso
>gi|1037021856|ref|XP_017150782.1| PREDICTED: fork head domain-containing protein FD3 [Drosoph
>gi|1037021872|ref|XP_017150783.1| PREDICTED: fork head domain-containing protein FD3 [Drosoph
>gi|1037022167|ref|XP_017150800.1| PREDICTED: uncharacterized protein LOC108161005 isoform X1
>gi|1037022185|ref|XP_017150802.1| PREDICTED: uncharacterized protein LOC108161005 isoform X2
>gi|1036944460|ref|XP_017146088.1| PREDICTED: phosphatidylinositol 4-phosphate 5-kinase type-1
>gi|1036944498|ref|XP_017146090.1| PREDICTED: phosphatidylinositol 4-phosphate 5-kinase type-1
>gi|1036944372|ref|XP_017146083.1| PREDICTED: phosphatidylinositol 4-phosphate 5-kinase type-1
>gi|1036944404|ref|XP_017146085.1| PREDICTED: phosphatidylinositol 4-phosphate 5-kinase type-1
>gi|1036944442|ref|XP 017146087.1| PREDICTED: phosphatidylinositol 4-phosphate 5-kinase type-1
>gi|1036944386|ref|XP_017146084.1| PREDICTED: phosphatidylinositol 4-phosphate 5-kinase type-1
>gi|1036944426|ref|XP_017146086.1| PREDICTED: phosphatidylinositol 4-phosphate 5-kinase type-1
>gi|1036944480|ref|XP_017146089.1| PREDICTED: phosphatidylinositol 4-phosphate 5-kinase type-1
>gi|1036944516|ref|XP_017146091.1| PREDICTED: phosphatidylinositol 4-phosphate 5-kinase type-1
>gi|1036944767|ref|XP_017146107.1| PREDICTED: ER membrane protein complex subunit 8/9 homolog
>gi|1036944585|ref|XP_017146096.1| PREDICTED: ATP-dependent zinc metalloprotease YME1 homolog
>gi|1036944567|ref|XP_017146095.1| PREDICTED: ATP-dependent zinc metalloprotease YME1 homolog
>gi|1036944550|ref|XP_017146094.1| PREDICTED: ATP-dependent zinc metalloprotease YME1 homolog
>gi|1036944534|ref|XP_017146093.1| PREDICTED: ATP-dependent zinc metalloprotease YME1 homolog
>gi|1036944749|ref|XP_017146106.1| PREDICTED: OCIA domain-containing protein 1 [Drosophila mire
>gi|1036944683|ref|XP_017146103.1| PREDICTED: probable GDP-L-fucose synthase [Drosophila mirane
>gi|1036944330|ref|XP_017146081.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036944665|ref|XP_017146102.1| PREDICTED: serine protease snake [Drosophila miranda]
>gi|1036944651|ref|XP_017146100.1| PREDICTED: chymotrypsin-like protease CTRL-1 [Drosophila mi
>gi|1036944785|ref|XP 017146108.1| PREDICTED: uncharacterized protein LOC108158365 [Drosophila
>gi|1036944803|ref|XP_017146109.1| PREDICTED: uncharacterized protein LOC108158367 [Drosophila
>gi|1036944603|ref|XP 017146097.1| PREDICTED: dynein intermediate chain 2, ciliary [Drosophila
>gi|1036944636|ref|XP_017146099.1| PREDICTED: fukutin-related protein [Drosophila miranda]
>gi|1036944819|ref|XP_017146110.1| PREDICTED: atrial natriuretic peptide receptor 1 [Drosophile
>gi|1036944618|ref|XP_017146098.1| PREDICTED: uncharacterized protein LOC108158356 [Drosophila
>gi|1036944731|ref|XP_017146105.1| PREDICTED: proteasome subunit alpha type-4 [Drosophila mirated
>gi|1036944700|ref|XP_017146104.1| PREDICTED: uncharacterized protein LOC108158361 [Drosophila
>gi|1036944222|ref|XP 017146078.1| PREDICTED: uncharacterized protein LOC108158351 isoform X1
>gi|1036944312|ref|XP_017146080.1| PREDICTED: uncharacterized protein LOC108158351 isoform X3
>gi|1036944294|ref|XP_017146079.1| PREDICTED: uncharacterized protein LOC108158351 isoform X2
>gi|1036976630|ref|XP_017148015.1| PREDICTED: CDK5RAP3-like protein [Drosophila miranda]
>gi|1036976614|ref|XP_017148014.1| PREDICTED: transcription factor grauzone [Drosophila mirand
>gi|1036976596|ref|XP_017148012.1| PREDICTED: U2 snRNP-associated SURP motif-containing protein
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>gi|1036976651|ref|XP_017148016.1| PREDICTED: protein RMD5 homolog A [Drosophila miranda]
>gi|1037014904|ref|XP_017150347.1| PREDICTED: uncharacterized protein LOC108160704 isoform X1
>gi|1037014921|ref|XP_017150349.1| PREDICTED: uncharacterized protein LOC108160704 isoform X1
>gi|1037014953|ref|XP_017150351.1| PREDICTED: resistance to inhibitors of cholinesterase prote
>gi|1037014939|ref|XP 017150350.1| PREDICTED: uncharacterized protein LOC108160704 isoform X2
>gi|1037014967|ref|XP_017150352.1| PREDICTED: resistance to inhibitors of cholinesterase prote
>gi|1037015015|ref|XP 017150355.1| PREDICTED: uncharacterized protein LOC108160704 isoform X7
>gi|1037015064|ref|XP_017150358.1| PREDICTED: uncharacterized protein LOC108160704 isoform X10
>gi|1037014983|ref|XP_017150353.1| PREDICTED: resistance to inhibitors of cholinesterase prote
>gi|1037015033|ref|XP_017150356.1| PREDICTED: resistance to inhibitors of cholinesterase prote
>gi|1037014999|ref|XP_017150354.1| PREDICTED: resistance to inhibitors of cholinesterase prote
>gi|1037015049|ref|XP_017150357.1| PREDICTED: resistance to inhibitors of cholinesterase prote
>gi|1037015082|ref|XP_017150360.1| PREDICTED: resistance to inhibitors of cholinesterase prote
>gi|1037015100|ref|XP_017150361.1| PREDICTED: resistance to inhibitors of cholinesterase prote
>gi|1037015158|ref|XP_017150363.1| PREDICTED: uncharacterized protein LOC108160704 isoform X14
>gi|1037015140|ref|XP_017150362.1| PREDICTED: uncharacterized protein LOC108160704 isoform X13
>gi|1037017080|ref|XP_017150475.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036961036|ref|XP_017147077.1| PREDICTED: DE-cadherin [Drosophila miranda]
>gi|1036961129|ref|XP_017147083.1| PREDICTED: F-actin-capping protein subunit alpha [Drosophile
>gi|1036961138|ref|XP 017147085.1| PREDICTED: uncharacterized protein LOC108158863 [Drosophila
>gi|1036961151|ref|XP_017147086.1| PREDICTED: 39S ribosomal protein L54, mitochondrial [Drosop
>gi|1036961052|ref|XP 017147078.1| PREDICTED: chitinase-3-like protein 1 [Drosophila miranda]
>gi|1036961079|ref|XP_017147079.1| PREDICTED: chitinase-like protein 3 [Drosophila miranda]
>gi|1036961097|ref|XP_017147081.1| PREDICTED: chitinase-like protein 3 isoform X1 [Drosophila i
>gi|1036961113|ref|XP_017147082.1| PREDICTED: chitinase-like protein 3 isoform X2 [Drosophila i
>gi|1036961089|ref|XP_017147080.1| PREDICTED: acidic mammalian chitinase [Drosophila miranda]
>gi|1037021569|ref|XP_017150763.1| PREDICTED: acidic mammalian chitinase [Drosophila miranda]
>gi|1036976580|ref|XP_017148011.1| PREDICTED: C3 and PZP-like alpha-2-macroglobulin domain-con
>gi|1036976562|ref|XP_017148010.1| PREDICTED: trehalase isoform X2 [Drosophila miranda]
>gi|1036976528|ref|XP_017148009.1| PREDICTED: trehalase isoform X1 [Drosophila miranda]
>gi|1036976510|ref|XP_017148008.1| PREDICTED: rab GTPase-binding effector protein 1 [Drosophile
>gi|1036937562|ref|XP_017145666.1| PREDICTED: uncharacterized protein LOC108158033 [Drosophila
>gi|1036976457|ref|XP_017148005.1| PREDICTED: uncharacterized protein LOC108159324 [Drosophila
>gi|1036976474|ref|XP_017148006.1| PREDICTED: uncharacterized protein LOC108159324 [Drosophila
>gi|1036976492|ref|XP 017148007.1| PREDICTED: uncharacterized protein LOC108159324 [Drosophila
>gi|1036985025|ref|XP_017148538.1| PREDICTED: protein king tubby [Drosophila miranda]
>gi|1036985008|ref|XP 017148536.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 [
>gi|1036984946|ref|XP_017148533.1| PREDICTED: transmembrane and TPR repeat-containing protein
>gi|1036984972|ref|XP_017148534.1| PREDICTED: transmembrane and TPR repeat-containing protein
>gi|1036984990|ref|XP_017148535.1| PREDICTED: transmembrane and TPR repeat-containing protein
>gi|1036985059|ref|XP_017148539.1| PREDICTED: protein mago nashi [Drosophila miranda]
>gi|1036989794|ref|XP_017148828.1| PREDICTED: uncharacterized protein LOC108159779 [Drosophila
>gi|1036989719|ref|XP_017148824.1| PREDICTED: membrane-associated guanylate kinase, WW and PDZ
>gi|1036989735|ref|XP_017148825.1| PREDICTED: membrane-associated guanylate kinase, WW and PDZ
>gi|1036989764|ref|XP_017148826.1| PREDICTED: EF-hand calcium-binding domain-containing protein
>gi|1036989776|ref|XP_017148827.1| PREDICTED: EF-hand calcium-binding domain-containing protein
>gi|1037010276|ref|XP_017150067.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036987602|ref|XP_017148697.1| PREDICTED: SWI/SNF-related matrix-associated actin-dependent
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>gi|1036987584|ref|XP_017148696.1| PREDICTED: macoilin-2 isoform X2 [Drosophila miranda]
>gi|1036987546|ref|XP_017148693.1| PREDICTED: macoilin isoform X1 [Drosophila miranda]
>gi|1036987562|ref|XP_017148694.1| PREDICTED: macoilin isoform X1 [Drosophila miranda]
>gi|1036990285|ref|XP_017148860.1| PREDICTED: splicing factor, arginine/serine-rich 15 isoform
>gi|1036990267|ref|XP_017148859.1| PREDICTED: splicing factor, arginine/serine-rich 15 isoform
>gi|1036990303|ref|XP_017148861.1| PREDICTED: splicing factor, arginine/serine-rich 15 isoform
>gi|1036990321|ref|XP 017148862.1| PREDICTED: uncharacterized protein LOC108159804 isoform X4
>gi|1036997898|ref|XP_017149323.1| PREDICTED: nuclear pore complex protein Nup133-like isoform
>gi|1036997882|ref|XP_017149322.1| PREDICTED: nuclear pore complex protein Nup133-like isoform
>gi|1037018410|ref|XP_017150562.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1036992163|ref|XP_017148966.1| PREDICTED: uncharacterized protein LOC108159873 [Drosophila
>gi|1036992199|ref|XP_017148968.1| PREDICTED: U6 snRNA-associated Sm-like protein LSm1 [Drosop
>gi|1036992093|ref|XP_017148961.1| PREDICTED: TFIIH basal transcription factor complex helicase
>gi|1036992145|ref|XP_017148965.1| PREDICTED: GTP cyclohydrolase 1 isoform X3 [Drosophila mirated
>gi|1036992181|ref|XP_017148967.1| PREDICTED: uncharacterized protein LOC108159874 [Drosophila
>gi|1036992109|ref|XP_017148963.1| PREDICTED: GTP cyclohydrolase 1 isoform X1 [Drosophila mirate
>gi|1036992127|ref|XP_017148964.1| PREDICTED: GTP cyclohydrolase 1 isoform X2 [Drosophila mirated
>gi|1037008880|ref|XP_017149986.1| PREDICTED: uncharacterized protein LOC108160477 [Drosophila
>gi|1037003435|ref|XP_017149654.1| PREDICTED: locomotion-related protein Hikaru genki isoform
>gi|1037003417|ref|XP 017149653.1| PREDICTED: locomotion-related protein Hikaru genki isoform
>gi|1037003451|ref|XP_017149656.1| PREDICTED: locomotion-related protein Hikaru genki isoform
>gi|1037003504|ref|XP 017149659.1| PREDICTED: probable cytochrome P450 4p2 isoform X3 [Drosoph
>gi|1037003486|ref|XP_017149658.1| PREDICTED: probable cytochrome P450 4p2 isoform X2 [Drosoph
>gi|1037003468|ref|XP_017149657.1| PREDICTED: probable cytochrome P450 4p2 isoform X1 [Drosoph
>gi|1037003540|ref|XP_017149662.1| PREDICTED: cytochrome P450 4p1-like [Drosophila miranda]
>gi|1037003522|ref|XP_017149661.1| PREDICTED: cytochrome P450 4p1-like [Drosophila miranda]
>gi|1036960568|ref|XP_017147048.1| PREDICTED: uncharacterized protein LOC108158838 [Drosophila
>gi|1036960212|ref|XP_017147030.1| PREDICTED: serine/threonine-protein kinase N isoform X6 [Dref|XP_017147030.1]
>gi|1036960234|ref|XP_017147031.1| PREDICTED: serine/threonine-protein kinase N isoform X6 [Drefine Notes of the Notes of 
>gi|1036960252|ref|XP_017147032.1| PREDICTED: serine/threonine-protein kinase N isoform X6 [Dref|XP_017147032.1]
>gi|1036960268|ref|XP_017147033.1| PREDICTED: serine/threonine-protein kinase N isoform X6 [Dref|XP_017147033.1]
>gi|1036960310|ref|XP_017147036.1| PREDICTED: serine/threonine-protein kinase N isoform X9 [Dref|XP_017147036.1]
>gi|1036960282|ref|XP_017147034.1| PREDICTED: serine/threonine-protein kinase N isoform X7 [Dro
>gi|1036960413|ref|XP_017147041.1| PREDICTED: serine/threonine-protein kinase N isoform X13 [Di
>gi|1036960194|ref|XP 017147029.1| PREDICTED: serine/threonine-protein kinase N isoform X5 [Dr.
>gi|1036960296|ref|XP_017147035.1| PREDICTED: serine/threonine-protein kinase N isoform X8 [Dr
>gi|1036960176|ref|XP_017147028.1| PREDICTED: serine/threonine-protein kinase N isoform X4 [Dref|XP_017147028.1]
>gi|1036960159|ref|XP_017147026.1| PREDICTED: serine/threonine-protein kinase N isoform X3 [Dr
>gi|1036960141|ref|XP_017147025.1| PREDICTED: serine/threonine-protein kinase N isoform X2 [Dr
>gi|1036960354|ref|XP_017147039.1| PREDICTED: serine/threonine-protein kinase N isoform X11 [Di
>gi|1036960372|ref|XP_017147040.1| PREDICTED: serine/threonine-protein kinase N isoform X12 [Di
>gi|1036960096|ref|XP_017147024.1| PREDICTED: serine/threonine-protein kinase N isoform X1 [Dref|XP_017147024.1]
>gi|1036960338|ref|XP_017147037.1| PREDICTED: serine/threonine-protein kinase N isoform X10 [D:
>gi|1036960444|ref|XP_017147042.1| PREDICTED: uncharacterized protein LOC108158834 [Drosophila
>gi|1036960462|ref|XP_017147043.1| PREDICTED: uncharacterized protein LOC108158834 [Drosophila
>gi|1036960512|ref|XP_017147046.1| PREDICTED: SAP30-binding protein [Drosophila miranda]
>gi|1036960496|ref|XP_017147045.1| PREDICTED: conserved oligomeric Golgi complex subunit 6 [Dref|XP_017147045.1]
>gi|1036960478|ref|XP_017147044.1| PREDICTED: mitotic spindle assembly checkpoint protein MAD1
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>gi|1037000844|ref|XP_017149501.1| PREDICTED: uncharacterized protein LOC108160184 isoform X2
>gi|1037000821|ref|XP_017149500.1| PREDICTED: uncharacterized protein LOC108160184 isoform X1
>gi|1037009458|ref|XP_017150022.1| PREDICTED: myeloid differentiation primary response protein
>gi|1036975115|ref|XP_017147921.1| PREDICTED: uncharacterized protein LOC108159274 [Drosophila
>gi|1036975137|ref|XP 017147922.1| PREDICTED: uncharacterized protein LOC108159274 [Drosophila
>gi|1036975099|ref|XP_017147920.1| PREDICTED: centrosomal and chromosomal factor [Drosophila m
>gi|1036975209|ref|XP 017147927.1| PREDICTED: odorant receptor 45a [Drosophila miranda]
>gi|1036975293|ref|XP_017147932.1| PREDICTED: uncharacterized protein LOC108159283 [Drosophila
>gi|1036975259|ref|XP_017147930.1| PREDICTED: dynein light chain 1, axonemal [Drosophila miran
>gi|1036975155|ref|XP_017147923.1| PREDICTED: nucleolar GTP-binding protein 1 [Drosophila mirated
>gi|1036975245|ref|XP_017147929.1| PREDICTED: protein lethal(2)k10201 [Drosophila miranda]
>gi|1036975276|ref|XP_017147931.1| PREDICTED: dolichyl-diphosphooligosaccharide--protein glyco-
>gi|1036975173|ref|XP_017147925.1| PREDICTED: putative phosphatidate phosphatase isoform X1 [Di
>gi|1036975191|ref|XP_017147926.1| PREDICTED: putative phosphatidate phosphatase isoform X2 [Di
>gi|1036975227|ref|XP_017147928.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
>gi|1036945441|ref|XP_017146147.1| PREDICTED: uncharacterized abhydrolase domain-containing pro-
>gi|1036999841|ref|XP_017149438.1| PREDICTED: uncharacterized protein LOC108160142 [Drosophila
>gi|1037002039|ref|XP_017149573.1| PREDICTED: sestrin homolog isoform X2 [Drosophila miranda]
>gi|1037002019|ref|XP_017149572.1| PREDICTED: sestrin homolog isoform X1 [Drosophila miranda]
>gi|1037002057|ref|XP 017149574.1| PREDICTED: purine nucleoside phosphorylase 1 [Drosophila mi
>gi|1036954310|ref|XP_017146698.1| PREDICTED: lethal(2)neighbour of tid protein [Drosophila mi
>gi|1036954285|ref|XP 017146696.1| PREDICTED: protein tumorous imaginal discs, mitochondrial in
>gi|1036954297|ref|XP_017146697.1| PREDICTED: protein tumorous imaginal discs, mitochondrial is
>gi|1036954273|ref|XP_017146695.1| PREDICTED: protein lethal(2)denticleless [Drosophila mirand
>gi|1036954407|ref|XP_017146705.1| PREDICTED: tumor necrosis factor alpha-induced protein 8-li
>gi|1036954424|ref|XP_017146706.1| PREDICTED: tumor necrosis factor alpha-induced protein 8-li
>gi|1036954440|ref|XP_017146707.1| PREDICTED: 39S ribosomal protein L43, mitochondrial [Drosop
>gi|1036954259|ref|XP_017146694.1| PREDICTED: actin-binding protein anillin [Drosophila mirand
>gi|1036954359|ref|XP_017146702.1| PREDICTED: protein angel [Drosophila miranda]
>gi|1036954344|ref|XP_017146700.1| PREDICTED: peptidyl-alpha-hydroxyglycine alpha-amidating ly
>gi|1036954327|ref|XP_017146699.1| PREDICTED: peptidyl-alpha-hydroxyglycine alpha-amidating ly
>gi|1036954464|ref|XP_017146709.1| PREDICTED: uncharacterized protein LOC108158687 [Drosophila
>gi|1036954454|ref|XP_017146708.1| PREDICTED: protein lethal(2)essential for life [Drosophila i
>gi|1036954395|ref|XP_017146704.1| PREDICTED: estrogen sulfotransferase-like [Drosophila miran-
>gi|1036954378|ref|XP 017146703.1| PREDICTED: amine sulfotransferase [Drosophila miranda]
>gi|1036999508|ref|XP_017149422.1| PREDICTED: high affinity cAMP-specific and IBMX-insensitive
>gi|1036999494|ref|XP 017149421.1| PREDICTED: high affinity cAMP-specific and IBMX-insensitive
>gi|1036999524|ref|XP_017149423.1| PREDICTED: high affinity cAMP-specific and IBMX-insensitive
>gi|1036999476|ref|XP_017149420.1| PREDICTED: high affinity cAMP-specific and IBMX-insensitive
>gi|1036999458|ref|XP_017149418.1| PREDICTED: high affinity cAMP-specific and IBMX-insensitive
>gi|1036989394|ref|XP_017148804.1| PREDICTED: protein dead ringer isoform X3 [Drosophila miran
>gi|1036989380|ref|XP_017148803.1| PREDICTED: protein dead ringer isoform X2 [Drosophila miran
>gi|1036989364|ref|XP_017148802.1| PREDICTED: protein dead ringer isoform X1 [Drosophila miran-
>gi|1036989410|ref|XP_017148805.1| PREDICTED: protein dead ringer isoform X4 [Drosophila miran
>gi|1037012225|ref|XP_017150183.1| PREDICTED: aquaporin isoform X1 [Drosophila miranda]
>gi|1037012243|ref|XP_017150184.1| PREDICTED: aquaporin isoform X2 [Drosophila miranda]
>gi|1037012293|ref|XP_017150187.1| PREDICTED: aquaporin AQPcic isoform X2 [Drosophila miranda]
>gi|1037012275|ref|XP_017150186.1| PREDICTED: aquaporin AQPcic isoform X1 [Drosophila miranda]
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>gi|1037012309|ref|XP_017150189.1| PREDICTED: aquaporin AQPcic isoform X3 [Drosophila miranda]
>gi|1037012327|ref|XP_017150190.1| PREDICTED: aquaporin AQPcic isoform X3 [Drosophila miranda]
>gi|1037012345|ref|XP_017150191.1| PREDICTED: aquaporin [Drosophila miranda]
>gi|1037012257|ref|XP_017150185.1| PREDICTED: aquaporin isoform X3 [Drosophila miranda]
>gi|1036955290|ref|XP 017146750.1| PREDICTED: uncharacterized protein LOC108158718 [Drosophila
>gi|1036955338|ref|XP_017146753.1| PREDICTED: immune-induced peptide 18 [Drosophila miranda]
>gi|1036955182|ref|XP 017146746.1| PREDICTED: uncharacterized protein LOC108158714 [Drosophila
>gi|1036937580|ref|XP_017145667.1| PREDICTED: uncharacterized protein LOC108158034, partial [Di
>gi|1036955105|ref|XP_017146744.1| PREDICTED: phosphatidylinositol 3-kinase catalytic subunit
>gi|1036955258|ref|XP_017146749.1| PREDICTED: exosome complex component RRP4 [Drosophila miran-
>gi|1036955128|ref|XP_017146745.1| PREDICTED: zinc finger protein 629 [Drosophila miranda]
>gi|1036955198|ref|XP_017146747.1| PREDICTED: caspase-1 isoform X1 [Drosophila miranda]
>gi|1036955216|ref|XP_017146748.1| PREDICTED: caspase-1 isoform X2 [Drosophila miranda]
>gi|1036955306|ref|XP_017146752.1| PREDICTED: cytochrome c oxidase subunit 6A, mitochondrial [
>gi|1036999121|ref|XP_017149401.1| PREDICTED: serine-threonine kinase receptor-associated protestions.
>gi|1036999135|ref|XP_017149402.1| PREDICTED: eukaryotic translation elongation factor 1 epsilon
>gi|1036937598|ref|XP_017145668.1| PREDICTED: putative gustatory receptor 59f [Drosophila mirat
>gi|1036999107|ref|XP 017149400.1| PREDICTED: putative gustatory receptor 59e [Drosophila mirat
>gi|1037008697|ref|XP_017149975.1| PREDICTED: protein eiger isoform X1 [Drosophila miranda]
>gi|1037008714|ref|XP_017149976.1| PREDICTED: protein eiger isoform X2 [Drosophila miranda]
>gi|1037016566|ref|XP_017150442.1| PREDICTED: facilitated trehalose transporter Tret1 [Drosoph
>gi|1037016510|ref|XP 017150438.1| PREDICTED: uncharacterized protein LOC108160752 isoform X1
>gi|1037016528|ref|XP_017150439.1| PREDICTED: uncharacterized protein LOC108160752 isoform X1
>gi|1037016548|ref|XP_017150440.1| PREDICTED: uncharacterized protein LOC108160752 isoform X2
>gi|1037007377|ref|XP_017149897.1| PREDICTED: transcription factor AP-1 [Drosophila miranda]
>gi|1037007397|ref|XP_017149898.1| PREDICTED: mRNA turnover protein 4 homolog [Drosophila mirated]
>gi|1036981448|ref|XP_017148319.1| PREDICTED: 14-3-3 protein zeta isoform X1 [Drosophila miran
>gi|1036981462|ref|XP_017148320.1| PREDICTED: 14-3-3 protein zeta isoform X1 [Drosophila miran-
>gi|1036981480|ref|XP_017148321.1| PREDICTED: 14-3-3 protein zeta isoform X2 [Drosophila miran
>gi|1036981494|ref|XP_017148322.1| PREDICTED: 14-3-3 protein zeta isoform X3 [Drosophila miran-
>gi|1036981291|ref|XP_017148309.1| PREDICTED: ATP-dependent 6-phosphofructokinase isoform X2 [
>gi|1036981321|ref|XP_017148310.1| PREDICTED: ATP-dependent 6-phosphofructokinase isoform X3 [
>gi|1036981271|ref|XP_017148308.1| PREDICTED: ATP-dependent 6-phosphofructokinase isoform X1 [
>gi|1036981424|ref|XP_017148317.1| PREDICTED: ATP-dependent 6-phosphofructokinase 1 isoform X7
>gi|1036981390|ref|XP 017148315.1| PREDICTED: ATP-dependent 6-phosphofructokinase isoform X5 [
>gi|1036981406|ref|XP_017148316.1| PREDICTED: ATP-dependent 6-phosphofructokinase isoform X6 [
>gi|1036981339|ref|XP 017148312.1| PREDICTED: ATP-dependent 6-phosphofructokinase isoform X4 [
>gi|1036981356|ref|XP_017148313.1| PREDICTED: ATP-dependent 6-phosphofructokinase isoform X4 [
>gi|1036981372|ref|XP_017148314.1| PREDICTED: ATP-dependent 6-phosphofructokinase isoform X4 [
>gi|1036981436|ref|XP_017148318.1| PREDICTED: serine proteinase stubble [Drosophila miranda]
>gi|1037019959|ref|XP_017150663.1| PREDICTED: uncharacterized protein LOC108160902 [Drosophila
>gi|1037019945|ref|XP_017150662.1| PREDICTED: uncharacterized protein LOC108160900 isoform X2
>gi|1037019930|ref|XP_017150661.1| PREDICTED: serine proteinase stubble isoform X1 [Drosophila
>gi|1036937616|ref|XP_017145670.1| PREDICTED: angiotensin-converting enzyme, partial [Drosophi
>gi|1037008951|ref|XP_017149990.1| PREDICTED: phenoloxidase 2 [Drosophila miranda]
>gi|1037008986|ref|XP_017149992.1| PREDICTED: putative sodium-coupled neutral amino acid trans
>gi|1037008968|ref|XP_017149991.1| PREDICTED: putative sodium-coupled neutral amino acid trans
>gi|1037021073|ref|XP 017150736.1| PREDICTED: leucine-rich repeat-containing protein 34 isoform
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>gi|1037021057|ref|XP_017150734.1| PREDICTED: leucine-rich repeat-containing protein 34 isoform
>gi|1037010348|ref|XP_017150071.1| PREDICTED: protein anachronism isoform X1 [Drosophila miran-
>gi|1037010366|ref|XP 017150072.1| PREDICTED: protein anachronism isoform X2 [Drosophila miran
>gi|1037010384|ref|XP_017150073.1| PREDICTED: protein anachronism isoform X3 [Drosophila miran-
>gi|1037010310|ref|XP_017150069.1| PREDICTED: solute carrier family 28 member 3 [Drosophila mi
>gi|1037010328|ref|XP_017150070.1| PREDICTED: solute carrier family 28 member 3 [Drosophila mi
>gi|1037003374|ref|XP 017149650.1| PREDICTED: solute carrier family 28 member 3 isoform X1 [Dref|XP 017149650.1]
>gi|1037003390|ref|XP_017149651.1| PREDICTED: solute carrier family 28 member 3 isoform X2 [Dr
>gi|1037003344|ref|XP_017149649.1| PREDICTED: uncharacterized protein LOC108160278 [Drosophila
>gi|1036993081|ref|XP_017149024.1| PREDICTED: probable ATP-dependent RNA helicase Dbp45A isofo
>gi|1036993097|ref|XP_017149025.1| PREDICTED: probable ATP-dependent RNA helicase Dbp45A isofo
>gi|1036993113|ref|XP 017149026.1| PREDICTED: probable ATP-dependent RNA helicase Dbp45A isofo
>gi|1036993049|ref|XP_017149022.1| PREDICTED: NAD kinase 2, mitochondrial-like isoform X4 [Drop
>gi|1036993013|ref|XP_017149020.1| PREDICTED: NAD kinase 2, mitochondrial-like isoform X2 [Dros
>gi|1036993067|ref|XP_017149023.1| PREDICTED: NAD kinase 2, mitochondrial-like isoform X5 [Drop
>gi|1036993031|ref|XP_017149021.1| PREDICTED: NAD kinase 2, mitochondrial-like isoform X3 [Dros
>gi|1036992995|ref|XP_017149019.1| PREDICTED: putative uncharacterized protein DDB_G0282133 is
>gi|1036987901|ref|XP 017148714.1| PREDICTED: cytoplasmic tRNA 2-thiolation protein 1 [Drosoph
>gi|1036987847|ref|XP_017148711.1| PREDICTED: tetratricopeptide repeat protein 37 isoform X1 [
>gi|1036987865|ref|XP 017148712.1| PREDICTED: tetratricopeptide repeat protein 37 isoform X2 [
>gi|1036987883|ref|XP_017148713.1| PREDICTED: tetratricopeptide repeat protein 37 isoform X3 [
>gi|1036968728|ref|XP_017147531.1| PREDICTED: vang-like protein 1 [Drosophila miranda]
>gi|1036968710|ref|XP_017147529.1| PREDICTED: phosphoglucomutase-2 [Drosophila miranda]
>gi|1036968770|ref|XP_017147533.1| PREDICTED: RNA-binding protein 8A [Drosophila miranda]
>gi|1036968694|ref|XP_017147528.1| PREDICTED: protein SDA1 homolog [Drosophila miranda]
>gi|1036968752|ref|XP_017147532.1| PREDICTED: phosphorylated adapter RNA export protein [Droso
>gi|1036953721|ref|XP_017146662.1| PREDICTED: E3 SUMO-protein ligase PIAS1 isoform X4 [Drosoph
>gi|1036953671|ref|XP_017146659.1| PREDICTED: E3 SUMO-protein ligase PIAS2 isoform X1 [Drosoph
>gi|1036953702|ref|XP_017146661.1| PREDICTED: E3 SUMO-protein ligase PIAS2 isoform X3 [Drosoph
>gi|1036953687|ref|XP_017146660.1| PREDICTED: E3 SUMO-protein ligase PIAS2 isoform X2 [Drosoph
>gi|1036953826|ref|XP_017146668.1| PREDICTED: glutathione S-transferase 1 [Drosophila miranda]
>gi|1036953838|ref|XP_017146669.1| PREDICTED: glutathione S-transferase 1 [Drosophila miranda]
>gi|1036953605|ref|XP_017146655.1| PREDICTED: DENN domain-containing protein 1A isoform X6 [Dref
>gi|1036953556|ref|XP_017146651.1| PREDICTED: uncharacterized protein LOC108158664 isoform X3
>gi|1036953590|ref|XP 017146654.1| PREDICTED: DENN domain-containing protein 1A isoform X5 [Dr.
>gi|1036953573|ref|XP_017146652.1| PREDICTED: DENN domain-containing protein 1A isoform X4 [Dref|XP_017146652.1]
>gi|1036953537|ref|XP 017146650.1| PREDICTED: uncharacterized protein LOC108158664 isoform X2
>gi|1036953522|ref|XP_017146649.1| PREDICTED: uncharacterized protein LOC108158664 isoform X1
>gi|1036953619|ref|XP_017146656.1| PREDICTED: COPII coat assembly protein sec16 isoform X7 [Dr
>gi|1036953635|ref|XP_017146657.1| PREDICTED: COPII coat assembly protein sec16 isoform X7 [Dr
>gi|1036953653|ref|XP_017146658.1| PREDICTED: DENN domain-containing protein 1A isoform X8 [Dref|XP_017146658.1]
>gi|1036953752|ref|XP_017146663.1| PREDICTED: phospholipase ABHD3 isoform X1 [Drosophila miran
>gi|1036953770|ref|XP_017146664.1| PREDICTED: phospholipase ABHD3 isoform X2 [Drosophila miran-
>gi|1036953788|ref|XP_017146665.1| PREDICTED: phospholipase ABHD3 isoform X2 [Drosophila miran
>gi|1036953808|ref|XP_017146666.1| PREDICTED: 5'-AMP-activated protein kinase subunit beta-1 [
>gi|1036953851|ref|XP_017146670.1| PREDICTED: uncharacterized protein LOC108158670 [Drosophila
>gi|1036953506|ref|XP_017146648.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036967221|ref|XP_017147444.1| PREDICTED: protein lava lamp [Drosophila miranda]
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>gi|1036967242|ref|XP_017147445.1| PREDICTED: uncharacterized protein LOC108159035 [Drosophila
>gi|1036980782|ref|XP_017148277.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036980788|ref|XP_017148279.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036980804|ref|XP_017148280.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036980818|ref|XP_017148281.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036980830|ref|XP_017148282.1| PREDICTED: neurogenic protein mastermind isoform X2 [Drosop
>gi|1036980844|ref|XP_017148283.1| PREDICTED: acylphosphatase-2 [Drosophila miranda]
>gi|1037017731|ref|XP_017150518.1| PREDICTED: serine proteinase stubble [Drosophila miranda]
>gi|1037017679|ref|XP_017150514.1| PREDICTED: serine proteinase stubble isoform X1 [Drosophila
>gi|1037017696|ref|XP_017150516.1| PREDICTED: serine proteinase stubble isoform X1 [Drosophila
>gi|1037017713|ref|XP_017150517.1| PREDICTED: serine proteinase stubble isoform X2 [Drosophila
>gi|1036942136|ref|XP_017145950.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036942188|ref|XP_017145953.1| PREDICTED: uncharacterized protein LOC108158232 [Drosophila
>gi|1036942206|ref|XP_017145954.1| PREDICTED: uncharacterized protein LOC108158232 [Drosophila
>gi|1036994854|ref|XP_017149136.1| PREDICTED: TGF-beta receptor type-1 isoform X3 [Drosophila i
>gi|1036994836|ref|XP_017149135.1| PREDICTED: TGF-beta receptor type-1 isoform X2 [Drosophila i
>gi|1036994818|ref|XP_017149134.1| PREDICTED: TGF-beta receptor type-1 isoform X1 [Drosophila i
>gi|1036994872|ref|XP_017149137.1| PREDICTED: TGF-beta receptor type-1 isoform X4 [Drosophila i
>gi|1037010222|ref|XP_017150064.1| PREDICTED: ADP-ribosylation factor 3 [Drosophila miranda]
>gi|1037010240|ref|XP 017150065.1| PREDICTED: ADP-ribosylation factor 3 [Drosophila miranda]
>gi|1037020699|ref|XP_017150710.1| PREDICTED: photoreceptor-specific nuclear receptor [Drosoph
>gi|1036981064|ref|XP 017148296.1| PREDICTED: uncharacterized protein LOC108159479 [Drosophila
>gi|1036981081|ref|XP_017148297.1| PREDICTED: uncharacterized protein LOC108159479 [Drosophila
>gi|1036980992|ref|XP_017148292.1| PREDICTED: uncharacterized protein LOC108159476 [Drosophila
>gi|1036981028|ref|XP_017148294.1| PREDICTED: E3 ubiquitin-protein ligase TRAIP isoform X1 [Dr
>gi|1036981046|ref|XP_017148295.1| PREDICTED: E3 ubiquitin-protein ligase TRAIP isoform X2 [Dr
>gi|1036981010|ref|XP_017148293.1| PREDICTED: armadillo repeat-containing protein 6 homolog [Di
>gi|1036952846|ref|XP_017146606.1| PREDICTED: uncharacterized protein LOC108158635 isoform X2
>gi|1036952828|ref|XP_017146605.1| PREDICTED: uncharacterized protein LOC108158635 isoform X1
>gi|1036952950|ref|XP_017146612.1| PREDICTED: lithostathine-2 [Drosophila miranda]
>gi|1036952932|ref|XP_017146611.1| PREDICTED: uncharacterized protein LOC108158638 [Drosophila
>gi|1036952862|ref|XP_017146607.1| PREDICTED: extracellular serine/threonine protein kinase for
>gi|1036952898|ref|XP_017146609.1| PREDICTED: extracellular serine/threonine protein kinase for
>gi|1036952880|ref|XP_017146608.1| PREDICTED: extracellular serine/threonine protein kinase for
>gi|1036953098|ref|XP 017146622.1| PREDICTED: LOW QUALITY PROTEIN: otefin [Drosophila miranda]
>gi|1036953054|ref|XP_017146619.1| PREDICTED: gamma-secretase subunit pen-2 [Drosophila mirand
>gi|1036953068|ref|XP 017146620.1| PREDICTED: mucin-19 isoform X1 [Drosophila miranda]
>gi|1036953080|ref|XP_017146621.1| PREDICTED: mucin-19 isoform X2 [Drosophila miranda]
>gi|1036952916|ref|XP_017146610.1| PREDICTED: uncharacterized protein LOC108158637 [Drosophila
>gi|1036952968|ref|XP_017146613.1| PREDICTED: uncharacterized protein LOC108158641 [Drosophila
>gi|1036953003|ref|XP_017146616.1| PREDICTED: uncharacterized protein LOC108158643 [Drosophila
>gi|1036953020|ref|XP_017146617.1| PREDICTED: uncharacterized protein LOC108158644 [Drosophila
>gi|1036952986|ref|XP_017146614.1| PREDICTED: uncharacterized protein LOC108158642 [Drosophila
>gi|1036953036|ref|XP_017146618.1| PREDICTED: UPF0279 protein CG14505 [Drosophila miranda]
>gi|1036943584|ref|XP_017146040.1| PREDICTED: uncharacterized protein LOC108158311 [Drosophila
>gi|1037018918|ref|XP_017150597.1| PREDICTED: immune-induced peptide 23 [Drosophila miranda]
>gi|1037018900|ref|XP_017150596.1| PREDICTED: uncharacterized protein LOC108160850 [Drosophila
>gi|1037018934|ref|XP_017150598.1| PREDICTED: immune-induced peptide 2 [Drosophila miranda]
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>gi|1037018950|ref|XP_017150600.1| PREDICTED: immune-induced peptide 3-like [Drosophila mirand
>gi|1036943944|ref|XP_017146062.1| PREDICTED: uncharacterized protein LOC108158332 [Drosophila
>gi|1036943006|ref|XP_017146004.1| PREDICTED: immune-induced peptide 3-like [Drosophila mirand
>gi|1037021107|ref|XP_017150738.1| PREDICTED: chitinase-like protein Idgf5 [Drosophila miranda]
>gi|1036941115|ref|XP 017145887.1| PREDICTED: glutathione S-transferase 1 [Drosophila miranda]
>gi|1036941165|ref|XP_017145890.1| PREDICTED: glutathione S-transferase 1-like [Drosophila mire
>gi|1037019973|ref|XP 017150664.1| PREDICTED: glutathione S-transferase 1 [Drosophila miranda]
>gi|1037006394|ref|XP_017149835.1| PREDICTED: glutathione S-transferase 1-like [Drosophila mire
>gi|1037006358|ref|XP_017149832.1| PREDICTED: glutathione S-transferase 1-like [Drosophila mire
>gi|1037006342|ref|XP_017149831.1| PREDICTED: glutathione S-transferase 1-like [Drosophila mire
>gi|1037006376|ref|XP_017149834.1| PREDICTED: glutathione S-transferase 1 [Drosophila miranda]
>gi|1037006324|ref|XP_017149830.1| PREDICTED: uncharacterized protein LOC108160369 [Drosophila
>gi|1036953867|ref|XP_017146671.1| PREDICTED: vigilin [Drosophila miranda]
>gi|1036953885|ref|XP_017146672.1| PREDICTED: vigilin [Drosophila miranda]
>gi|1036954141|ref|XP_017146686.1| PREDICTED: tumor protein D54 isoform X5 [Drosophila miranda
>gi|1036954223|ref|XP_017146691.1| PREDICTED: tumor protein D52 isoform X10 [Drosophila mirand
>gi|1036954153|ref|XP_017146687.1| PREDICTED: tumor protein D54 isoform X6 [Drosophila miranda]
>gi|1036954169|ref|XP_017146688.1| PREDICTED: tumor protein D54 isoform X7 [Drosophila miranda
>gi|1036954185|ref|XP_017146689.1| PREDICTED: tumor protein D52 isoform X8 [Drosophila miranda]
>gi|1036954205|ref|XP 017146690.1| PREDICTED: tumor protein D52 isoform X9 [Drosophila miranda
>gi|1036954240|ref|XP_017146692.1| PREDICTED: tumor protein D52 isoform X11 [Drosophila mirand
>gi|1036954029|ref|XP 017146681.1| PREDICTED: uncharacterized protein LOC108158675 isoform X1
>gi|1036954045|ref|XP_017146683.1| PREDICTED: tumor protein D54 isoform X2 [Drosophila miranda]
>gi|1036954067|ref|XP_017146684.1| PREDICTED: tumor protein D52 isoform X3 [Drosophila miranda
>gi|1036954119|ref|XP_017146685.1| PREDICTED: tumor protein D52 isoform X4 [Drosophila miranda]
>gi|1036953901|ref|XP_017146673.1| PREDICTED: GPI ethanolamine phosphate transferase 3 [Drosop
>gi|1036954015|ref|XP_017146680.1| PREDICTED: TRPL translocation defect protein 14 isoform X4
>gi|1036953981|ref|XP_017146678.1| PREDICTED: TRPL translocation defect protein 14 isoform X2
>gi|1036953995|ref|XP_017146679.1| PREDICTED: TRPL translocation defect protein 14 isoform X3
>gi|1036953919|ref|XP_017146674.1| PREDICTED: TRPL translocation defect protein 14 isoform X1
>gi|1036953935|ref|XP_017146675.1| PREDICTED: TRPL translocation defect protein 14 isoform X1
>gi|1036953965|ref|XP_017146677.1| PREDICTED: TRPL translocation defect protein 14 isoform X1
>gi|1036972736|ref|XP_017147773.1| PREDICTED: kelch domain-containing protein 10 homolog [Dros
>gi|1036972857|ref|XP_017147782.1| PREDICTED: ragulator complex protein LAMTOR2 homolog [Droso
>gi|1036972750|ref|XP 017147775.1| PREDICTED: pre-mRNA-processing factor 19 [Drosophila mirand
>gi|1036972780|ref|XP_017147777.1| PREDICTED: uncharacterized protein LOC108159211 isoform X1
>gi|1036972797|ref|XP_017147778.1| PREDICTED: uncharacterized protein LOC108159211 isoform X2
>gi|1036972809|ref|XP_017147779.1| PREDICTED: uncharacterized protein LOC108159211 isoform X3
>gi|1036972823|ref|XP_017147780.1| PREDICTED: uncharacterized protein LOC108159211 isoform X4
>gi|1036972842|ref|XP_017147781.1| PREDICTED: mitochondrial ribonuclease P protein 1 homolog [
>gi|1036972762|ref|XP_017147776.1| PREDICTED: dynein assembly factor 3, axonemal homolog [Dros
>gi|1036972722|ref|XP_017147772.1| PREDICTED: NACHT domain- and WD repeat-containing protein 1
>gi|1036972709|ref|XP_017147771.1| PREDICTED: NACHT domain- and WD repeat-containing protein 1
>gi|1036972655|ref|XP_017147768.1| PREDICTED: NACHT domain- and WD repeat-containing protein 1
>gi|1036972673|ref|XP_017147769.1| PREDICTED: NACHT domain- and WD repeat-containing protein 1
>gi|1036972691|ref|XP_017147770.1| PREDICTED: NACHT domain- and WD repeat-containing protein 1
>gi|1037016612|ref|XP_017150445.1| PREDICTED: glutathione S-transferase 1 [Drosophila miranda]
>gi|1037008559|ref|XP_017149966.1| PREDICTED: tubulin-specific chaperone E [Drosophila miranda]
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>gi|1036985912|ref|XP_017148595.1| PREDICTED: transmembrane protein 164 isoform X1 [Drosophila
>gi|1036985930|ref|XP_017148597.1| PREDICTED: transmembrane protein 164 isoform X2 [Drosophila
>gi|1036985952|ref|XP 017148598.1| PREDICTED: transmembrane protein 164 isoform X2 [Drosophila
>gi|1036985807|ref|XP_017148590.1| PREDICTED: sterol regulatory element-binding protein cleava
>gi|1036985857|ref|XP 017148592.1| PREDICTED: sterol regulatory element-binding protein cleava
>gi|1036985824|ref|XP_017148591.1| PREDICTED: sterol regulatory element-binding protein cleava
>gi|1036985869|ref|XP 017148593.1| PREDICTED: caspase-1 [Drosophila miranda]
>gi|1036985895|ref|XP_017148594.1| PREDICTED: peptide-N(4)-(N-acetyl-beta-glucosaminyl)asparag
>gi|1036973483|ref|XP 017147821.1| PREDICTED: actin-5C [Drosophila miranda]
>gi|1036973467|ref|XP_017147820.1| PREDICTED: tyrosine-protein kinase Src42A isoform X3 [Droso
>gi|1036973439|ref|XP_017147818.1| PREDICTED: uncharacterized protein LOC108159227 isoform X2
>gi|1036973411|ref|XP 017147817.1| PREDICTED: uncharacterized protein LOC108159227 isoform X1
>gi|1036973501|ref|XP_017147822.1| PREDICTED: proteasome subunit alpha type-1-like [Drosophila
>gi|1036971788|ref|XP 017147711.1| PREDICTED: dosage compensation regulator isoform X1 [Drosop.
>gi|1036971803|ref|XP_017147712.1| PREDICTED: dosage compensation regulator isoform X2 [Drosop
>gi|1036971772|ref|XP_017147710.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036971821|ref|XP_017147714.1| PREDICTED: putative inorganic phosphate cotransporter isoform
>gi|1036971861|ref|XP_017147716.1| PREDICTED: putative inorganic phosphate cotransporter isoform
>gi|1036971839|ref|XP_017147715.1| PREDICTED: putative inorganic phosphate cotransporter isofo
>gi|1037020731|ref|XP 017150713.1| PREDICTED: putative inorganic phosphate cotransporter [Dros-
>gi|1037009912|ref|XP_017150045.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1037009928|ref|XP 017150046.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1036937632|ref|XP_017145671.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036995025|ref|XP_017149146.1| PREDICTED: hemicentin-1 isoform X2 [Drosophila miranda]
>gi|1036995045|ref|XP_017149148.1| PREDICTED: hemicentin-2 isoform X3 [Drosophila miranda]
>gi|1036994966|ref|XP_017149143.1| PREDICTED: hemicentin-2 isoform X1 [Drosophila miranda]
>gi|1036994996|ref|XP_017149144.1| PREDICTED: hemicentin-2 isoform X1 [Drosophila miranda]
>gi|1036995011|ref|XP_017149145.1| PREDICTED: hemicentin-2 isoform X1 [Drosophila miranda]
>gi|1036994952|ref|XP_017149142.1| PREDICTED: odorant receptor 42b [Drosophila miranda]
>gi|1036937650|ref|XP_017145672.1| PREDICTED: odorant receptor 42a [Drosophila miranda]
>gi|1036994936|ref|XP_017149141.1| PREDICTED: odorant receptor 42a-like [Drosophila miranda]
>gi|1036995080|ref|XP_017149150.1| PREDICTED: uncharacterized protein LOC108159974 [Drosophila
>gi|1036937667|ref|XP 017145673.1| PREDICTED: J domain-containing protein CG6693-like [Drosoph
>gi|1036937685|ref|XP_017145674.1| PREDICTED: alpha-amylase A-like [Drosophila miranda]
>gi|1036994924|ref|XP 017149140.1| PREDICTED: alpha-amylase A [Drosophila miranda]
>gi|1036937707|ref|XP_017145675.1| PREDICTED: alpha-amylase 2-like, partial [Drosophila mirand
>gi|1036995063|ref|XP 017149149.1| PREDICTED: uncharacterized protein LOC108159973 [Drosophila
>gi|1036994890|ref|XP_017149138.1| PREDICTED: zinc transporter 2 [Drosophila miranda]
>gi|1036994908|ref|XP_017149139.1| PREDICTED: zinc transporter 2 [Drosophila miranda]
>gi|1036954903|ref|XP_017146731.1| PREDICTED: nuclear pore membrane glycoprotein 210 isoform X
>gi|1036954883|ref|XP_017146730.1| PREDICTED: nuclear pore membrane glycoprotein 210 isoform X
>gi|1036955031|ref|XP_017146739.1| PREDICTED: hydroxysteroid dehydrogenase-like protein 2 [Dros
>gi|1036955049|ref|XP_017146741.1| PREDICTED: hydroxysteroid dehydrogenase-like protein 2 [Dros
>gi|1036955067|ref|XP_017146742.1| PREDICTED: hydroxysteroid dehydrogenase-like protein 2 [Dros
>gi|1036954935|ref|XP_017146733.1| PREDICTED: mitochondrial intermediate peptidase isoform X1
>gi|1036954953|ref|XP_017146734.1| PREDICTED: mitochondrial intermediate peptidase isoform X2
>gi|1036955085|ref|XP_017146743.1| PREDICTED: uncharacterized protein LOC108158711 [Drosophila
>gi|1036955014|ref|XP_017146738.1| PREDICTED: glutamate-rich WD repeat-containing protein 1 [Di
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>gi|1036954918|ref|XP_017146732.1| PREDICTED: mismatch repair endonuclease PMS2 [Drosophila mismatch repair endonu
>gi|1036954969|ref|XP_017146735.1| PREDICTED: solute carrier family 2, facilitated glucose trans
>gi|1036954983|ref|XP_017146736.1| PREDICTED: solute carrier family 2, facilitated glucose tra
>gi|1036954999|ref|XP_017146737.1| PREDICTED: solute carrier family 2, facilitated glucose trans
>gi|1036978569|ref|XP 017148136.1| PREDICTED: DNA replication factor Cdt1 [Drosophila miranda]
>gi|1036978553|ref|XP_017148135.1| PREDICTED: SRSF protein kinase 3 [Drosophila miranda]
>gi|1036978589|ref|XP 017148137.1| PREDICTED: uncharacterized protein LOC108159407 [Drosophila
>gi|1036997307|ref|XP_017149288.1| PREDICTED: metchnikowin [Drosophila miranda]
>gi|1036997323|ref|XP_017149289.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036997261|ref|XP_017149284.1| PREDICTED: uncharacterized protein LOC108160050 isoform X2
>gi|1036997244|ref|XP_017149283.1| PREDICTED: uncharacterized protein LOC108160050 isoform X1
>gi|1036997291|ref|XP_017149287.1| PREDICTED: uncharacterized protein LOC108160051 isoform X2
>gi|1036997275|ref|XP_017149285.1| PREDICTED: uncharacterized protein LOC108160051 isoform X1
>gi|1037008607|ref|XP_017149970.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like isoform
>gi|1037008626|ref|XP_017149971.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like isoform
>gi|1037008589|ref|XP_017149969.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like isoform
>gi|1037008575|ref|XP_017149967.1| PREDICTED: uncharacterized protein LOC108160464 [Drosophila
>gi|1037008643|ref|XP_017149972.1| PREDICTED: uncharacterized protein LOC108160466 [Drosophila
>gi|1037008661|ref|XP_017149973.1| PREDICTED: mastermind-like protein 2 [Drosophila miranda]
>gi|1036937725|ref|XP 017145677.1| PREDICTED: uncharacterized protein LOC108158042 [Drosophila
>gi|1036937742|ref|XP_017145678.1| PREDICTED: uncharacterized protein LOC108158043 [Drosophila
>gi|1037004098|ref|XP 017149695.1| PREDICTED: polypeptide N-acetylgalactosaminyltransferase 1
>gi|1036977437|ref|XP_017148066.1| PREDICTED: kinesin-like protein KIF13A isoform X6 [Drosophi
>gi|1036977388|ref|XP_017148062.1| PREDICTED: kinesin-like protein KIF13A isoform X3 [Drosophi
>gi|1036977422|ref|XP_017148065.1| PREDICTED: kinesin-like protein KIF13A isoform X5 [Drosophi
>gi|1036977406|ref|XP_017148063.1| PREDICTED: kinesin-like protein KIF13A isoform X4 [Drosophi
>gi|1036977370|ref|XP_017148061.1| PREDICTED: kinesin-like protein KIF13A isoform X2 [Drosophi
>gi|1036977352|ref|XP_017148060.1| PREDICTED: kinesin-like protein KIF13A isoform X1 [Drosophi
>gi|1037022021|ref|XP_017150793.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036988766|ref|XP_017148764.1| PREDICTED: protein saal1 [Drosophila miranda]
>gi|1036988837|ref|XP_017148768.1| PREDICTED: uncharacterized protein LOC108159742 [Drosophila
>gi|1036988855|ref|XP_017148770.1| PREDICTED: V-type proton ATPase subunit D 1 [Drosophila mire
>gi|1036988783|ref|XP 017148765.1| PREDICTED: translation initiation factor eIF-2B subunit gam
>gi|1036988819|ref|XP_017148767.1| PREDICTED: GATA zinc finger domain-containing protein 10 is
>gi|1036988801|ref|XP 017148766.1| PREDICTED: GATA zinc finger domain-containing protein 10 is
>gi|1036949711|ref|XP_017146413.1| PREDICTED: uncharacterized protein LOC108158528 isoform X14
>gi|1036949645|ref|XP_017146409.1| PREDICTED: uncharacterized protein LOC108158528 isoform X10
>gi|1036949663|ref|XP_017146410.1| PREDICTED: uncharacterized protein LOC108158528 isoform X11
>gi|1036949488|ref|XP_017146399.1| PREDICTED: uncharacterized protein LOC108158528 isoform X1
>gi|1036949611|ref|XP_017146407.1| PREDICTED: uncharacterized protein LOC108158528 isoform X8
>gi|1036949744|ref|XP_017146414.1| PREDICTED: uncharacterized protein LOC108158528 isoform X15
>gi|1036949693|ref|XP_017146412.1| PREDICTED: uncharacterized protein LOC108158528 isoform X13
>gi|1036949506|ref|XP 017146400.1| PREDICTED: uncharacterized protein LOC108158528 isoform X2
>gi|1036949559|ref|XP_017146403.1| PREDICTED: uncharacterized protein LOC108158528 isoform X5
>gi|1036949575|ref|XP_017146404.1| PREDICTED: uncharacterized protein LOC108158528 isoform X6
>gi|1036949627|ref|XP_017146408.1| PREDICTED: uncharacterized protein LOC108158528 isoform X9
>gi|1036949593|ref|XP_017146405.1| PREDICTED: uncharacterized protein LOC108158528 isoform X7
>gi|1036949541|ref|XP_017146402.1| PREDICTED: uncharacterized protein LOC108158528 isoform X4
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>gi|1036949523|ref|XP_017146401.1| PREDICTED: uncharacterized protein LOC108158528 isoform X3
>gi|1036949677|ref|XP_017146411.1| PREDICTED: uncharacterized protein LOC108158528 isoform X12
>gi|1036949471|ref|XP_017146398.1| PREDICTED: copper chaperone for superoxide dismutase [Droso
>gi|1036949354|ref|XP_017146390.1| PREDICTED: F-box only protein 28 [Drosophila miranda]
>gi|1036949372|ref|XP 017146391.1| PREDICTED: F-box only protein 28 [Drosophila miranda]
>gi|1036949338|ref|XP_017146389.1| PREDICTED: USP6 N-terminal-like protein isoform X2 [Drosoph
>gi|1036949320|ref|XP 017146388.1| PREDICTED: USP6 N-terminal-like protein isoform X1 [Drosoph
>gi|1036949454|ref|XP_017146397.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036949762|ref|XP 017146415.1| PREDICTED: WD repeat and HMG-box DNA-binding protein 1 [Dro
>gi|1036949303|ref|XP_017146387.1| PREDICTED: DNA-binding protein SMUBP-2 [Drosophila miranda]
>gi|1036949437|ref|XP_017146395.1| PREDICTED: uncharacterized protein LOC108158525 [Drosophila
>gi|1036949406|ref|XP_017146393.1| PREDICTED: sulfotransferase 4A1 isoform X1 [Drosophila mirated
>gi|1036949420|ref|XP_017146394.1| PREDICTED: sulfotransferase 4A1 isoform X2 [Drosophila mirated
>gi|1036949388|ref|XP_017146392.1| PREDICTED: probable phenylalanine--tRNA ligase, mitochondria
>gi|1036986962|ref|XP_017148656.1| PREDICTED: flocculation protein FLO11 isoform X1 [Drosophile
>gi|1036986973|ref|XP_017148658.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036986986|ref|XP_017148659.1| PREDICTED: uncharacterized protein LOC108159678 isoform X1
>gi|1036986997|ref|XP_017148660.1| PREDICTED: uncharacterized protein LOC108159678 isoform X2
>gi|1036941149|ref|XP_017145889.1| PREDICTED: 5-hydroxyisourate hydrolase [Drosophila miranda]
>gi|1036998074|ref|XP 017149335.1| PREDICTED: periodic tryptophan protein 1 homolog [Drosophile
>gi|1036998054|ref|XP_017149334.1| PREDICTED: transcription initiation factor TFIID subunit 5
>gi|1036947727|ref|XP_017146289.1| PREDICTED: peroxisome assembly factor 2 isoform X1 [Drosoph
>gi|1036947745|ref|XP_017146290.1| PREDICTED: peroxisome assembly factor 2 isoform X2 [Drosoph
>gi|1036947762|ref|XP_017146291.1| PREDICTED: peroxisomal (S)-2-hydroxy-acid oxidase GLO5 [Dros
>gi|1036947811|ref|XP_017146294.1| PREDICTED: uncharacterized protein LOC108158494 [Drosophila
>gi|1036947833|ref|XP_017146295.1| PREDICTED: U7 snRNA-associated Sm-like protein LSm11 [Droso
>gi|1036947796|ref|XP_017146293.1| PREDICTED: LOW QUALITY PROTEIN: mitochondrial amidoxime-red
>gi|1036947777|ref|XP_017146292.1| PREDICTED: mitochondrial amidoxime reducing component 2-like
>gi|1036947851|ref|XP_017146297.1| PREDICTED: vesicle-associated membrane protein 7 [Drosophile
>gi|1036947869|ref|XP_017146298.1| PREDICTED: vesicle-associated membrane protein 7 [Drosophile
>gi|1036947887|ref|XP_017146299.1| PREDICTED: vesicle-associated membrane protein 7 [Drosophile
>gi|1036947709|ref|XP_017146287.1| PREDICTED: uncharacterized protein LOC108158489 isoform X2
>gi|1036947691|ref|XP 017146286.1| PREDICTED: uncharacterized protein LOC108158489 isoform X1
>gi|1036947904|ref|XP_017146300.1| PREDICTED: beta-1,3-galactosyltransferase 1 [Drosophila mire
>gi|1036947921|ref|XP 017146301.1| PREDICTED: ribonucleoside-diphosphate reductase subunit M2
>gi|1036947956|ref|XP_017146303.1| PREDICTED: RNA-binding protein 48 [Drosophila miranda]
>gi|1036947938|ref|XP_017146302.1| PREDICTED: presenilins-associated rhomboid-like protein, mi
>gi|1036939443|ref|XP_017145787.1| PREDICTED: retinol dehydrogenase 12 [Drosophila miranda]
>gi|1036939407|ref|XP_017145785.1| PREDICTED: retinol dehydrogenase 12 isoform X1 [Drosophila i
>gi|1036939425|ref|XP_017145786.1| PREDICTED: retinol dehydrogenase 12 isoform X2 [Drosophila i
>gi|1036939461|ref|XP_017145789.1| PREDICTED: lysM and putative peptidoglycan-binding domain-c
>gi|1036939477|ref|XP_017145790.1| PREDICTED: lysM and putative peptidoglycan-binding domain-c
>gi|1036939318|ref|XP_017145779.1| PREDICTED: 26S protease regulatory subunit 7 [Drosophila mi
>gi|1036938722|ref|XP_017145743.1| PREDICTED: serine-rich adhesin for platelets isoform X10 [Di
>gi|1036938597|ref|XP_017145735.1| PREDICTED: serine-rich adhesin for platelets isoform X3 [Dref|XP_017145735.1]
>gi|1036938704|ref|XP_017145741.1| PREDICTED: serine-rich adhesin for platelets isoform X9 [Dref|XP_017145741.1]
>gi|1036938686|ref|XP_017145740.1| PREDICTED: serine-rich adhesin for platelets isoform X8 [Drefletter]
>gi|1036938633|ref|XP_017145737.1| PREDICTED: serine-rich adhesin for platelets isoform X5 [Dref|XP_017145737.1]
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>gi|1036938561|ref|XP_017145733.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017145733.1]
>gi|1036938738|ref|XP_017145744.1| PREDICTED: serine-rich adhesin for platelets isoform X11 [Di
>gi|1036938577|ref|XP_017145734.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dref|XP_017145734.1]
>gi|1036938615|ref|XP_017145736.1| PREDICTED: serine-rich adhesin for platelets isoform X4 [Dr
>gi|1036938651|ref|XP_017145738.1| PREDICTED: serine-rich adhesin for platelets isoform X6 [Dr
>gi|1036938669|ref|XP_017145739.1| PREDICTED: serine-rich adhesin for platelets isoform X7 [Dr
>gi|1036938756|ref|XP 017145745.1| PREDICTED: uncharacterized protein LOC108158090 isoform X12
>gi|1036938791|ref|XP_017145747.1| PREDICTED: uncharacterized protein LOC108158090 isoform X14
>gi|1036938774|ref|XP_017145746.1| PREDICTED: uncharacterized protein LOC108158090 isoform X13
>gi|1036939599|ref|XP_017145797.1| PREDICTED: uncharacterized protein LOC108158127 [Drosophila
>gi|1036939246|ref|XP_017145775.1| PREDICTED: feline leukemia virus subgroup C receptor-relate
>gi|1036939264|ref|XP_017145776.1| PREDICTED: feline leukemia virus subgroup C receptor-relate
>gi|1036938896|ref|XP_017145753.1| PREDICTED: actin-binding protein anillin-like [Drosophila m
>gi|1036939230|ref|XP_017145774.1| PREDICTED: actin-binding protein anillin-like isoform X3 [Di
>gi|1036939212|ref|XP_017145773.1| PREDICTED: actin-binding protein anillin-like isoform X2 [D:
>gi|1036939194|ref|XP_017145772.1| PREDICTED: actin-binding protein anillin-like isoform X1 [Di
>gi|1036939617|ref|XP_017145798.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036938950|ref|XP_017145757.1| PREDICTED: uncharacterized protein LOC108158101 [Drosophila
>gi|1036938964|ref|XP_017145758.1| PREDICTED: uncharacterized protein LOC108158101 [Drosophila
>gi|1036938982|ref|XP 017145759.1| PREDICTED: uncharacterized protein LOC108158101 [Drosophila
>gi|1036938419|ref|XP_017145724.1| PREDICTED: vacuolar protein sorting-associated protein 13C
>gi|1036938437|ref|XP_017145725.1| PREDICTED: vacuolar protein sorting-associated protein 13C
>gi|1036938454|ref|XP_017145726.1| PREDICTED: vacuolar protein sorting-associated protein 13C
>gi|1036939563|ref|XP_017145795.1| PREDICTED: LDLR chaperone boca [Drosophila miranda]
>gi|1036939545|ref|XP_017145794.1| PREDICTED: ribulose-phosphate 3-epimerase [Drosophila miran-
>gi|1036938809|ref|XP_017145748.1| PREDICTED: uncharacterized protein LOC108158092 [Drosophila
>gi|1036939389|ref|XP_017145784.1| PREDICTED: ATPase ASNA1 homolog [Drosophila miranda]
>gi|1036938932|ref|XP_017145756.1| PREDICTED: glycerol-3-phosphate dehydrogenase, mitochondria
>gi|1036939581|ref|XP_017145796.1| PREDICTED: cytochrome b5 [Drosophila miranda]
>gi|1036939336|ref|XP_017145781.1| PREDICTED: zinc-type alcohol dehydrogenase-like protein C17
>gi|1036939493|ref|XP_017145791.1| PREDICTED: uncharacterized protein LOC108158122 isoform X1
>gi|1036939509|ref|XP_017145792.1| PREDICTED: uncharacterized protein LOC108158122 isoform X2
>gi|1036939527|ref|XP 017145793.1| PREDICTED: uncharacterized protein LOC108158122 isoform X3
>gi|1036938826|ref|XP_017145749.1| PREDICTED: origin recognition complex subunit 1 [Drosophila
>gi|1036938844|ref|XP_017145750.1| PREDICTED: GPI ethanolamine phosphate transferase 2 [Drosop
>gi|1036938914|ref|XP_017145755.1| PREDICTED: SET and MYND domain-containing protein 4 [Drosop
>gi|1036938999|ref|XP_017145760.1| PREDICTED: myoneurin [Drosophila miranda]
>gi|1036939019|ref|XP_017145761.1| PREDICTED: uncharacterized protein LOC108158103 [Drosophila
>gi|1036939037|ref|XP_017145762.1| PREDICTED: zinc finger protein 782 [Drosophila miranda]
>gi|1036939282|ref|XP_017145777.1| PREDICTED: elongation factor Tu [Drosophila miranda]
>gi|1036938489|ref|XP_017145729.1| PREDICTED: unconventional myosin-Va isoform X2 [Drosophila i
>gi|1036938472|ref|XP_017145728.1| PREDICTED: unconventional myosin-Vb isoform X1 [Drosophila i
>gi|1036938525|ref|XP_017145731.1| PREDICTED: unconventional myosin-Va isoform X4 [Drosophila i
>gi|1036938507|ref|XP_017145730.1| PREDICTED: unconventional myosin-Va isoform X3 [Drosophila i
>gi|1036938543|ref|XP_017145732.1| PREDICTED: unconventional myosin-Va isoform X5 [Drosophila i
>gi|1036938862|ref|XP_017145751.1| PREDICTED: DNA replication licensing factor MCM4 [Drosophile
>gi|1036939055|ref|XP_017145763.1| PREDICTED: mesoderm induction early response protein 1 [Dros
>gi|1036939373|ref|XP_017145783.1| PREDICTED: uncharacterized protein LOC108158117 [Drosophila
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>gi|1036938880|ref|XP_017145752.1| PREDICTED: protein wech [Drosophila miranda]
>gi|1036939124|ref|XP_017145768.1| PREDICTED: aldehyde dehydrogenase, dimeric NADP-preferring
>gi|1036939142|ref|XP 017145769.1| PREDICTED: aldehyde dehydrogenase, dimeric NADP-preferring
>gi|1036939160|ref|XP_017145770.1| PREDICTED: aldehyde dehydrogenase, dimeric NADP-preferring
>gi|1036939089|ref|XP 017145765.1| PREDICTED: aldehyde dehydrogenase, dimeric NADP-preferring
>gi|1036939071|ref|XP_017145764.1| PREDICTED: aldehyde dehydrogenase, dimeric NADP-preferring
>gi|1036939107|ref|XP 017145766.1| PREDICTED: aldehyde dehydrogenase, dimeric NADP-preferring
>gi|1036939178|ref|XP_017145771.1| PREDICTED: aldehyde dehydrogenase family 3 member B1 isofor
>gi|1036939355|ref|XP 017145782.1| PREDICTED: NSFL1 cofactor p47 [Drosophila miranda]
>gi|1036939300|ref|XP_017145778.1| PREDICTED: uncharacterized protein LOC108158113 [Drosophila
>gi|1036974775|ref|XP_017147899.1| PREDICTED: muskelin isoform X1 [Drosophila miranda]
>gi|1036974793|ref|XP_017147900.1| PREDICTED: muskelin isoform X2 [Drosophila miranda]
>gi|1036974876|ref|XP_017147907.1| PREDICTED: G protein alpha q subunit isoform X4 [Drosophila
>gi|1036974815|ref|XP_017147903.1| PREDICTED: G protein alpha q subunit isoform X1 [Drosophila
>gi|1036974832|ref|XP_017147904.1| PREDICTED: G protein alpha q subunit isoform X1 [Drosophila
>gi|1036974892|ref|XP 017147908.1| PREDICTED: G protein alpha q subunit isoform X1 [Drosophila
>gi|1036974906|ref|XP_017147909.1| PREDICTED: G protein alpha q subunit isoform X5 [Drosophila
>gi|1036974924|ref|XP 017147910.1| PREDICTED: G protein alpha q subunit isoform X6 [Drosophila
>gi|1036974847|ref|XP_017147905.1| PREDICTED: G protein alpha q subunit isoform X2 [Drosophila
>gi|1036974860|ref|XP 017147906.1| PREDICTED: G protein alpha q subunit isoform X3 [Drosophila
>gi|1036974940|ref|XP_017147911.1| PREDICTED: G protein alpha q subunit isoform X7 [Drosophila
>gi|1037006957|ref|XP 017149871.1| PREDICTED: myc box-dependent-interacting protein 1 isoform
>gi|1037006942|ref|XP_017149870.1| PREDICTED: bridging integrator 2 isoform X1 [Drosophila mire
>gi|1036945487|ref|XP_017146149.1| PREDICTED: uncharacterized protein LOC108158403 isoform X1
>gi|1036945520|ref|XP_017146151.1| PREDICTED: uncharacterized protein LOC108158403 isoform X3
>gi|1036945504|ref|XP_017146150.1| PREDICTED: uncharacterized protein LOC108158403 isoform X2
>gi|1036945538|ref|XP_017146153.1| PREDICTED: paired amphipathic helix protein Sin3a isoform X-
>gi|1036945556|ref|XP_017146154.1| PREDICTED: paired amphipathic helix protein Sin3a isoform X
>gi|1036945645|ref|XP_017146160.1| PREDICTED: H(+)/Cl(-) exchange transporter 7 [Drosophila mi
>gi|1036945699|ref|XP_017146164.1| PREDICTED: protein stand still [Drosophila miranda]
>gi|1036945717|ref|XP_017146165.1| PREDICTED: protein stand still [Drosophila miranda]
>gi|1036945753|ref|XP_017146167.1| PREDICTED: adenylate kinase isoenzyme 6 homolog [Drosophila
>gi|1036945681|ref|XP 017146162.1| PREDICTED: probable cytochrome P450 301a1, mitochondrial is
>gi|1036945663|ref|XP_017146161.1| PREDICTED: probable cytochrome P450 301a1, mitochondrial is
>gi|1036945735|ref|XP 017146166.1| PREDICTED: uncharacterized protein LOC108158408 [Drosophila
>gi|1036945628|ref|XP_017146159.1| PREDICTED: neogenin isoform X4 [Drosophila miranda]
>gi|1036945610|ref|XP 017146157.1| PREDICTED: neogenin isoform X3 [Drosophila miranda]
>gi|1036945592|ref|XP_017146156.1| PREDICTED: neogenin isoform X2 [Drosophila miranda]
>gi|1036945574|ref|XP_017146155.1| PREDICTED: neogenin isoform X1 [Drosophila miranda]
>gi|1036945771|ref|XP_017146168.1| PREDICTED: uncharacterized protein LOC108158410 [Drosophila
>gi|1036945804|ref|XP_017146170.1| PREDICTED: uncharacterized protein LOC108158412 [Drosophila
>gi|1036945788|ref|XP_017146169.1| PREDICTED: uncharacterized protein LOC108158411 [Drosophila
>gi|1036937760|ref|XP 017145679.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037019236|ref|XP_017150617.1| PREDICTED: parkin coregulated gene protein homolog [Drosoph
>gi|1037019254|ref|XP_017150619.1| PREDICTED: uncharacterized protein LOC108160868 [Drosophila
>gi|1037012899|ref|XP_017150225.1| PREDICTED: thioredoxin-related transmembrane protein 2 homo
>gi|1036937778|ref|XP_017145680.1| PREDICTED: uncharacterized protein LOC108158046 [Drosophila
>gi|1036937794|ref|XP_017145681.1| PREDICTED: uncharacterized protein LOC108158047 [Drosophila
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>gi|1036942421|ref|XP_017145968.1| PREDICTED: uncharacterized protein LOC108158245 [Drosophila
>gi|1036971127|ref|XP_017147675.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036971067|ref|XP_017147672.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036971047|ref|XP_017147671.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036971011|ref|XP_017147669.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036970995|ref|XP_017147667.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036970887|ref|XP_017147661.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036971031|ref|XP_017147670.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036970977|ref|XP_017147666.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036970957|ref|XP_017147665.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036970941|ref|XP_017147664.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036970903|ref|XP_017147662.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036970921|ref|XP_017147663.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036970869|ref|XP_017147660.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036970853|ref|XP_017147659.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036971109|ref|XP_017147674.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036971087|ref|XP_017147673.1| PREDICTED: heterogeneous nuclear ribonucleoprotein L isoform
>gi|1036971187|ref|XP 017147678.1| PREDICTED: pinin [Drosophila miranda]
>gi|1036971169|ref|XP_017147677.1| PREDICTED: uncharacterized protein LOC108159163 isoform X18
>gi|1036971149|ref|XP_017147676.1| PREDICTED: uncharacterized protein LOC108159163 isoform X17
>gi|1036971204|ref|XP_017147679.1| PREDICTED: uncharacterized protein LOC108159165 [Drosophila
>gi|1036970835|ref|XP 017147657.1| PREDICTED: tubulin polyglutamylase ttll6 [Drosophila mirand
>gi|1036937810|ref|XP_017145682.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037022266|ref|XP_017150807.1| PREDICTED: uncharacterized protein LOC108161010 [Drosophila
>gi|1037022286|ref|XP_017150808.1| PREDICTED: uncharacterized protein LOC108161010 [Drosophila
>gi|1037022306|ref|XP_017150809.1| PREDICTED: uncharacterized protein LOC108161010 [Drosophila
>gi|1036941750|ref|XP_017145923.1| PREDICTED: 39 kDa FK506-binding nuclear protein [Drosophila
>gi|1036941768|ref|XP_017145924.1| PREDICTED: uncharacterized protein LOC108158212 [Drosophila
>gi|1036941927|ref|XP_017145936.1| PREDICTED: uncharacterized protein LOC108158219 isoform X2
>gi|1036941912|ref|XP_017145934.1| PREDICTED: uncharacterized protein LOC108158219 isoform X1
>gi|1037018830|ref|XP_017150592.1| PREDICTED: uncharacterized protein LOC108160847 [Drosophila
>gi|1036984463|ref|XP_017148502.1| PREDICTED: LOW QUALITY PROTEIN: poly(A) polymerase beta [Dro
>gi|1036984481|ref|XP_017148504.1| PREDICTED: ubiquitin-associated domain-containing protein 1
>gi|1036944991|ref|XP_017146119.1| PREDICTED: uncharacterized protein LOC108158378 [Drosophila
>gi|1037021776|ref|XP 017150777.1| PREDICTED: uncharacterized protein LOC108160985 [Drosophila
>gi|1037021756|ref|XP_017150776.1| PREDICTED: general odorant-binding protein 56a [Drosophila i
>gi|1037021738|ref|XP_017150775.1| PREDICTED: general odorant-binding protein 56a [Drosophila i
>gi|1036944923|ref|XP_017146116.1| PREDICTED: uncharacterized protein LOC108158372 [Drosophila
>gi|1036941061|ref|XP_017145883.1| PREDICTED: general odorant-binding protein 56d [Drosophila i
>gi|1036937826|ref|XP_017145684.1| PREDICTED: odorant receptor 56a-like [Drosophila miranda]
>gi|1036937841|ref|XP_017145685.1| PREDICTED: odorant receptor 56a [Drosophila miranda]
>gi|1036942309|ref|XP_017145961.1| PREDICTED: uncharacterized protein LOC108158239 [Drosophila
>gi|1036942291|ref|XP_017145960.1| PREDICTED: general odorant-binding protein 56h [Drosophila i
>gi|1036942888|ref|XP_017145997.1| PREDICTED: general odorant-binding protein 56h [Drosophila 1
>gi|1037007317|ref|XP_017149894.1| PREDICTED: protein toll isoform X2 [Drosophila miranda]
>gi|1037007303|ref|XP_017149893.1| PREDICTED: protein toll isoform X1 [Drosophila miranda]
>gi|1037020219|ref|XP_017150679.1| PREDICTED: uncharacterized protein LOC108160913 [Drosophila
>gi|1037016094|ref|XP_017150414.1| PREDICTED: organic cation transporter protein [Drosophila m
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>gi|1037016112|ref|XP_017150415.1| PREDICTED: organic cation transporter protein [Drosophila m
>gi|1036942036|ref|XP_017145943.1| PREDICTED: uncharacterized protein LOC108158223 [Drosophila
>gi|1037000439|ref|XP_017149473.1| PREDICTED: protein toll isoform X1 [Drosophila miranda]
>gi|1037000449|ref|XP_017149474.1| PREDICTED: slit homolog 3 protein isoform X2 [Drosophila mi
>gi|1036937857|ref|XP 017145686.1| PREDICTED: EF-hand calcium-binding domain-containing protein
>gi|1036942224|ref|XP_017145955.1| PREDICTED: protein crossbronx-like [Drosophila miranda]
>gi|1037016008|ref|XP 017150409.1| PREDICTED: probable cytochrome P450 6a14 [Drosophila mirand
>gi|1037003326|ref|XP_017149648.1| PREDICTED: LOW QUALITY PROTEIN: probable cytochrome P450 6a
>gi|1037003308|ref|XP 017149647.1| PREDICTED: probable cytochrome P450 6a13 [Drosophila mirand
>gi|1037003290|ref|XP_017149646.1| PREDICTED: cytochrome P450 6a22 [Drosophila miranda]
>gi|1037012173|ref|XP_017150180.1| PREDICTED: probable cytochrome P450 6a23 [Drosophila mirand
>gi|1037018008|ref|XP_017150534.1| PREDICTED: probable cytochrome P450 6a20 [Drosophila mirand
>gi|1037010416|ref|XP_017150077.1| PREDICTED: probable cytochrome P450 6a21 [Drosophila mirand
>gi|1037010434|ref|XP_017150078.1| PREDICTED: cytochrome P450 6a8 [Drosophila miranda]
>gi|1036992380|ref|XP_017148979.1| PREDICTED: probable cytochrome P450 317a1 [Drosophila miran
>gi|1036992234|ref|XP_017148970.1| PREDICTED: uncharacterized protein LOC108159876 isoform X2
>gi|1036992256|ref|XP_017148971.1| PREDICTED: uncharacterized protein LOC108159876 isoform X2
>gi|1036992272|ref|XP_017148972.1| PREDICTED: uncharacterized protein LOC108159876 isoform X2
>gi|1036992290|ref|XP_017148973.1| PREDICTED: uncharacterized protein LOC108159876 isoform X3
>gi|1036992217|ref|XP 017148969.1| PREDICTED: uncharacterized protein LOC108159876 isoform X1
>gi|1036992344|ref|XP_017148977.1| PREDICTED: uncharacterized protein LOC108159876 isoform X6
>gi|1036992326|ref|XP 017148975.1| PREDICTED: uncharacterized protein LOC108159876 isoform X5
>gi|1036992310|ref|XP_017148974.1| PREDICTED: KN motif and ankyrin repeat domain-containing pro-
>gi|1036992362|ref|XP_017148978.1| PREDICTED: KN motif and ankyrin repeat domain-containing pro-
>gi|1037017560|ref|XP_017150507.1| PREDICTED: alkyldihydroxyacetonephosphate synthase [Drosoph
>gi|1037017578|ref|XP_017150508.1| PREDICTED: alkyldihydroxyacetonephosphate synthase [Drosoph
>gi|1037017596|ref|XP_017150509.1| PREDICTED: alkyldihydroxyacetonephosphate synthase [Drosoph
>gi|1037017612|ref|XP_017150510.1| PREDICTED: alkyldihydroxyacetonephosphate synthase [Drosoph
>gi|1037017630|ref|XP_017150511.1| PREDICTED: uncharacterized protein LOC108160801 [Drosophila
>gi|1036997211|ref|XP_017149281.1| PREDICTED: protein lap1 isoform X1 [Drosophila miranda]
>gi|1036997228|ref|XP_017149282.1| PREDICTED: protein lap1 isoform X2 [Drosophila miranda]
>gi|1036943654|ref|XP_017146045.1| PREDICTED: fas apoptotic inhibitory molecule 1 [Drosophila i
>gi|1036992708|ref|XP_017149001.1| PREDICTED: atypical protein kinase C isoform X2 [Drosophila
>gi|1036992728|ref|XP_017149002.1| PREDICTED: atypical protein kinase C isoform X2 [Drosophila
>gi|1036992690|ref|XP 017149000.1| PREDICTED: atypical protein kinase C isoform X1 [Drosophila
>gi|1036992746|ref|XP_017149003.1| PREDICTED: atypical protein kinase C isoform X3 [Drosophila
>gi|1036992764|ref|XP_017149004.1| PREDICTED: atypical protein kinase C isoform X4 [Drosophila
>gi|1036995388|ref|XP_017149168.1| PREDICTED: uncharacterized protein LOC108159982 isoform X1
>gi|1036995406|ref|XP_017149169.1| PREDICTED: uncharacterized protein LOC108159982 isoform X1
>gi|1036995422|ref|XP_017149170.1| PREDICTED: caskin-2 isoform X2 [Drosophila miranda]
>gi|1036989967|ref|XP_017148839.1| PREDICTED: uncharacterized protein LOC108159786 [Drosophila
>gi|1036989985|ref|XP_017148841.1| PREDICTED: neo-calmodulin [Drosophila miranda]
>gi|1036990003|ref|XP 017148842.1| PREDICTED: uncharacterized protein LOC108159790 [Drosophila
>gi|1036937873|ref|XP_017145687.1| PREDICTED: uncharacterized protein LOC108158052 [Drosophila
>gi|1036944187|ref|XP_017146076.1| PREDICTED: uncharacterized protein LOC108158348 [Drosophila
>gi|1036982919|ref|XP_017148406.1| PREDICTED: LOW QUALITY PROTEIN: mitochondrial-processing pe
>gi|1036982863|ref|XP_017148405.1| PREDICTED: ribonuclease 3 [Drosophila miranda]
>gi|1036982948|ref|XP_017148408.1| PREDICTED: mitochondrial-processing peptidase subunit alpha
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>gi|1036982934|ref|XP_017148407.1| PREDICTED: ribonuclease 3-like [Drosophila miranda]
>gi|1037014525|ref|XP_017150324.1| PREDICTED: ribonuclease H1 isoform X1 [Drosophila miranda]
>gi|1037014539|ref|XP_017150325.1| PREDICTED: ribonuclease H1 isoform X2 [Drosophila miranda]
>gi|1036993246|ref|XP_017149034.1| PREDICTED: phosphatidylinositol-glycan biosynthesis class X
>gi|1036993228|ref|XP 017149033.1| PREDICTED: putative inorganic phosphate cotransporter [Dros-
>gi|1036993210|ref|XP_017149032.1| PREDICTED: probable lysine-specific demethylase 4A [Drosoph
>gi|1037000087|ref|XP 017149453.1| PREDICTED: odorant receptor 43b [Drosophila miranda]
>gi|1037000069|ref|XP_017149452.1| PREDICTED: cullin homolog 1 [Drosophila miranda]
>gi|1037012751|ref|XP_017150215.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1037007536|ref|XP_017149906.1| PREDICTED: uncharacterized protein LOC108160418 [Drosophila
>gi|1037007468|ref|XP_017149902.1| PREDICTED: uncharacterized protein LOC108160417 isoform X1
>gi|1037007486|ref|XP_017149903.1| PREDICTED: uncharacterized protein LOC108160417 isoform X1
>gi|1037007500|ref|XP_017149904.1| PREDICTED: uncharacterized protein LOC108160417 isoform X1
>gi|1037007518|ref|XP_017149905.1| PREDICTED: uncharacterized protein LOC108160417 isoform X2
>gi|1037004534|ref|XP_017149712.1| PREDICTED: diacylglycerol kinase 1 isoform X1 [Drosophila m
>gi|1037004552|ref|XP_017149713.1| PREDICTED: diacylglycerol kinase 1 isoform X2 [Drosophila m
>gi|1037004568|ref|XP_017149714.1| PREDICTED: diacylglycerol kinase 1 isoform X3 [Drosophila m
>gi|1037004582|ref|XP_017149715.1| PREDICTED: diacylglycerol kinase 1 isoform X4 [Drosophila m
>gi|1037004598|ref|XP_017149716.1| PREDICTED: diacylglycerol kinase 1 isoform X5 [Drosophila m
>gi|1037004642|ref|XP_017149720.1| PREDICTED: ubiquitin-like-conjugating enzyme ATG10 [Drosoph
>gi|1037004658|ref|XP_017149721.1| PREDICTED: ubiquitin-like-conjugating enzyme ATG10 [Drosoph
>gi|1037004628|ref|XP 017149719.1| PREDICTED: tRNA (adenine(37)-N6)-methyltransferase isoform
>gi|1037004616|ref|XP_017149718.1| PREDICTED: tRNA (adenine(37)-N6)-methyltransferase isoform
>gi|1037008115|ref|XP_017149942.1| PREDICTED: alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylg
>gi|1037016820|ref|XP_017150458.1| PREDICTED: threonine-rich protein [Drosophila miranda]
>gi|1037016798|ref|XP_017150457.1| PREDICTED: SET and MYND domain-containing protein 4 [Drosop
>gi|1036942970|ref|XP_017146002.1| PREDICTED: uncharacterized protein LOC108158277 [Drosophila
>gi|1037007253|ref|XP_017149890.1| PREDICTED: uncharacterized protein LOC108160408 [Drosophila
>gi|1037007269|ref|XP_017149891.1| PREDICTED: uncharacterized protein LOC108160408 [Drosophila
>gi|1037007287|ref|XP_017149892.1| PREDICTED: persulfide dioxygenase ETHE1, mitochondrial [Droplet of the company of the compa
>gi|1037007194|ref|XP_017149887.1| PREDICTED: LOW QUALITY PROTEIN: persulfide dioxygenase ETHE
>gi|1037007229|ref|XP_017149889.1| PREDICTED: superoxide dismutase [Cu-Zn], chloroplastic isof
>gi|1037007212|ref|XP_017149888.1| PREDICTED: superoxide dismutase [Cu-Zn], chloroplastic isof
>gi|1036942904|ref|XP_017145998.1| PREDICTED: CD63 antigen [Drosophila miranda]
>gi|1036943282|ref|XP 017146022.1| PREDICTED: uncharacterized protein LOC108158294 isoform X1
>gi|1036943298|ref|XP_017146023.1| PREDICTED: uncharacterized protein LOC108158294 isoform X2
>gi|1036943316|ref|XP_017146024.1| PREDICTED: uncharacterized protein LOC108158294 isoform X3
>gi|1037016161|ref|XP_017150418.1| PREDICTED: translocon-associated protein subunit delta [Dros
>gi|1036982184|ref|XP_017148363.1| PREDICTED: uncharacterized protein LOC108159515 [Drosophila
>gi|1036982119|ref|XP_017148359.1| PREDICTED: uncharacterized protein LOC108159511 [Drosophila
>gi|1036982136|ref|XP_017148360.1| PREDICTED: uncharacterized protein LOC108159511 [Drosophila
>gi|1036982200|ref|XP_017148364.1| PREDICTED: LOW QUALITY PROTEIN: putative gustatory receptor
>gi|1036982168|ref|XP 017148362.1| PREDICTED: probable N-acetyltransferase san [Drosophila mire
>gi|1036982150|ref|XP_017148361.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036982087|ref|XP_017148358.1| PREDICTED: uncharacterized protein LOC108159510 [Drosophila
>gi|1036980167|ref|XP_017148239.1| PREDICTED: probable phospholipid-transporting ATPase IA iso
>gi|1036980149|ref|XP_017148238.1| PREDICTED: probable phospholipid-transporting ATPase IA iso
>gi|1036980101|ref|XP_017148236.1| PREDICTED: probable phospholipid-transporting ATPase IA iso
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>gi|1036980086|ref|XP_017148234.1| PREDICTED: probable phospholipid-transporting ATPase IA iso
>gi|1036980201|ref|XP_017148242.1| PREDICTED: trypsin alpha-3 [Drosophila miranda]
>gi|1036980133|ref|XP_017148237.1| PREDICTED: probable phospholipid-transporting ATPase IA iso
>gi|1036980185|ref|XP_017148240.1| PREDICTED: probable phospholipid-transporting ATPase IA iso
>gi|1036980213|ref|XP 017148243.1| PREDICTED: putative odorant-binding protein A5 [Drosophila 1
>gi|1036967681|ref|XP_017147471.1| PREDICTED: N-acetylglucosamine-6-sulfatase-like [Drosophila
>gi|1036967731|ref|XP 017147474.1| PREDICTED: immune-induced peptides [Drosophila miranda]
>gi|1036967647|ref|XP_017147469.1| PREDICTED: PAB-dependent poly(A)-specific ribonuclease subu
>gi|1036967633|ref|XP_017147466.1| PREDICTED: PAB-dependent poly(A)-specific ribonuclease subu
>gi|1036967697|ref|XP_017147472.1| PREDICTED: aminoacyl tRNA synthase complex-interacting mult
>gi|1036967715|ref|XP_017147473.1| PREDICTED: protein FAM8A1 [Drosophila miranda]
>gi|1036967665|ref|XP_017147470.1| PREDICTED: stromal membrane-associated protein 2 [Drosophile
>gi|1036984805|ref|XP_017148525.1| PREDICTED: serendipity locus protein alpha [Drosophila mirated]
>gi|1036984825|ref|XP_017148526.1| PREDICTED: uncharacterized protein LOC108159587 isoform X1
>gi|1036984842|ref|XP_017148527.1| PREDICTED: uncharacterized protein LOC108159587 isoform X2
>gi|1036984769|ref|XP_017148522.1| PREDICTED: protein lines [Drosophila miranda]
>gi|1036984787|ref|XP_017148523.1| PREDICTED: protein lines [Drosophila miranda]
>gi|1036964189|ref|XP 017147270.1| PREDICTED: glucose-6-phosphate isomerase [Drosophila mirand
>gi|1036964172|ref|XP_017147269.1| PREDICTED: WD repeat-containing protein 43 [Drosophila mirated
>gi|1036964229|ref|XP 017147272.1| PREDICTED: uncharacterized protein LOC108158956 [Drosophila
>gi|1036964211|ref|XP_017147271.1| PREDICTED: T-complex protein 1 subunit theta [Drosophila mi
>gi|1036964276|ref|XP_017147275.1| PREDICTED: guanine nucleotide-binding protein subunit gamma
>gi|1036964297|ref|XP_017147276.1| PREDICTED: guanine nucleotide-binding protein subunit gamma
>gi|1036964258|ref|XP_017147274.1| PREDICTED: MRG/MORF4L-binding protein [Drosophila miranda]
>gi|1037005860|ref|XP_017149798.1| PREDICTED: trichohyalin isoform X14 [Drosophila miranda]
>gi|1037005631|ref|XP_017149781.1| PREDICTED: trichohyalin isoform X1 [Drosophila miranda]
>gi|1037005684|ref|XP_017149785.1| PREDICTED: trichohyalin isoform X3 [Drosophila miranda]
>gi|1037005744|ref|XP_017149789.1| PREDICTED: myosin-9 isoform X7 [Drosophila miranda]
>gi|1037005697|ref|XP_017149786.1| PREDICTED: plectin isoform X4 [Drosophila miranda]
>gi|1037005712|ref|XP_017149787.1| PREDICTED: plectin isoform X5 [Drosophila miranda]
>gi|1037005760|ref|XP_017149791.1| PREDICTED: myosin-9 isoform X8 [Drosophila miranda]
>gi|1037005726|ref|XP_017149788.1| PREDICTED: myosin-9 isoform X6 [Drosophila miranda]
>gi|1037005774|ref|XP 017149792.1| PREDICTED: ELKS/Rab6-interacting/CAST family member 1 isofo
>gi|1037005807|ref|XP_017149794.1| PREDICTED: rootletin isoform X11 [Drosophila miranda]
>gi|1037005649|ref|XP 017149782.1| PREDICTED: trichohyalin isoform X2 [Drosophila miranda]
>gi|1037005669|ref|XP_017149783.1| PREDICTED: trichohyalin isoform X2 [Drosophila miranda]
>gi|1037005825|ref|XP_017149795.1| PREDICTED: plectin isoform X12 [Drosophila miranda]
>gi|1037005842|ref|XP_017149797.1| PREDICTED: plectin isoform X13 [Drosophila miranda]
>gi|1037005791|ref|XP_017149793.1| PREDICTED: trichohyalin isoform X10 [Drosophila miranda]
>gi|1037008097|ref|XP_017149941.1| PREDICTED: protein PTCD3 homolog, mitochondrial [Drosophila
>gi|1036999074|ref|XP_017149398.1| PREDICTED: nucleoporin GLE1 [Drosophila miranda]
>gi|1036999091|ref|XP_017149399.1| PREDICTED: zinc finger CCCH domain-containing protein 15 hor
>gi|1036989080|ref|XP_017148784.1| PREDICTED: protein patched [Drosophila miranda]
>gi|1036995517|ref|XP_017149176.1| PREDICTED: long-chain-fatty-acid--CoA ligase 4 isoform X1 [
>gi|1036995535|ref|XP_017149177.1| PREDICTED: long-chain-fatty-acid--CoA ligase 4 isoform X1 [
>gi|1036995579|ref|XP_017149179.1| PREDICTED: long-chain-fatty-acid--CoA ligase 4 isoform X3 [
>gi|1036995553|ref|XP_017149178.1| PREDICTED: long-chain-fatty-acid--CoA ligase 4 isoform X2 [
>gi|1036995597|ref|XP_017149180.1| PREDICTED: uncharacterized protein LOC108159986 [Drosophila
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>gi|1036941044|ref|XP_017145882.1| PREDICTED: serine proteases 1/2 [Drosophila miranda]
>gi|1037020313|ref|XP_017150685.1| PREDICTED: serine protease 29 isoform X2 [Drosophila mirand
>gi|1037020295|ref|XP_017150684.1| PREDICTED: acrosin isoform X1 [Drosophila miranda]
>gi|1037021304|ref|XP_017150748.1| PREDICTED: serine proteinase stubble [Drosophila miranda]
>gi|1037021322|ref|XP_017150749.1| PREDICTED: serine proteinase stubble [Drosophila miranda]
>gi|1037019859|ref|XP_017150657.1| PREDICTED: CTD nuclear envelope phosphatase 1 [Drosophila m
>gi|1037019873|ref|XP_017150658.1| PREDICTED: sodium/potassium/calcium exchanger 6, mitochondr
>gi|1036943494|ref|XP_017146034.1| PREDICTED: sodium/potassium/calcium exchanger 6, mitochondr
>gi|1037021266|ref|XP_017150746.1| PREDICTED: peptidoglycan-recognition protein SC1a/b [Drosop
>gi|1037021233|ref|XP_017150744.1| PREDICTED: sodium/potassium/calcium exchanger 6, mitochondr
>gi|1037021249|ref|XP_017150745.1| PREDICTED: sodium/potassium/calcium exchanger 6, mitochondr
>gi|1036942002|ref|XP_017145941.1| PREDICTED: sodium/potassium/calcium exchanger 6, mitochondr
>gi|1036942172|ref|XP_017145952.1| PREDICTED: peptidoglycan-recognition protein SC1a/b [Drosop
>gi|1036950048|ref|XP_017146434.1| PREDICTED: peptidoglycan-recognition protein SC2 [Drosophile
>gi|1036949962|ref|XP_017146429.1| PREDICTED: tetraspanning orphan receptor isoform X3 [Drosop:
>gi|1036949946|ref|XP_017146428.1| PREDICTED: tetraspanning orphan receptor isoform X2 [Drosop
>gi|1036949932|ref|XP_017146427.1| PREDICTED: uncharacterized protein LOC108158535 isoform X1
>gi|1036949994|ref|XP_017146431.1| PREDICTED: kelch-like protein 9 isoform X2 [Drosophila mirate
>gi|1036949976|ref|XP_017146430.1| PREDICTED: kelch-like protein 9 isoform X1 [Drosophila mirate
>gi|1036950030|ref|XP 017146433.1| PREDICTED: uncharacterized protein LOC108158536 isoform X4
>gi|1036950012|ref|XP_017146432.1| PREDICTED: uncharacterized protein LOC108158536 isoform X3
>gi|1036937891|ref|XP 017145688.1| PREDICTED: uncharacterized protein LOC108158053 [Drosophila
>gi|1036949864|ref|XP_017146423.1| PREDICTED: myotubularin-related protein 6 isoform X2 [Droso
>gi|1036949831|ref|XP_017146419.1| PREDICTED: myotubularin-related protein 6 isoform X1 [Droso
>gi|1036949846|ref|XP_017146422.1| PREDICTED: myotubularin-related protein 6 isoform X1 [Droso
>gi|1036949898|ref|XP_017146425.1| PREDICTED: translation initiation factor eIF-2B subunit del
>gi|1036949880|ref|XP_017146424.1| PREDICTED: translation initiation factor eIF-2B subunit del
>gi|1036949916|ref|XP_017146426.1| PREDICTED: translation initiation factor eIF-2B subunit del
>gi|1036950066|ref|XP_017146436.1| PREDICTED: uncharacterized protein LOC108158539 [Drosophila
>gi|1036949814|ref|XP_017146418.1| PREDICTED: little elongation complex subunit 1 [Drosophila i
>gi|1036949778|ref|XP_017146416.1| PREDICTED: golgin subfamily A member 4 isoform X1 [Drosophi
>gi|1036949796|ref|XP_017146417.1| PREDICTED: golgin subfamily A member 4 isoform X2 [Drosophi
>gi|1037010584|ref|XP_017150087.1| PREDICTED: ATPase inhibitor mai-2, mitochondrial [Drosophile
>gi|1037010549|ref|XP_017150085.1| PREDICTED: major royal jelly protein 1 [Drosophila miranda]
>gi|1037010562|ref|XP 017150086.1| PREDICTED: protein yellow [Drosophila miranda]
>gi|1037014595|ref|XP_017150329.1| PREDICTED: 40S ribosomal protein S18 [Drosophila miranda]
>gi|1037012594|ref|XP_017150205.1| PREDICTED: DNA replication inhibitor plutonium-like [Drosop
>gi|1037012630|ref|XP_017150207.1| PREDICTED: uncharacterized protein LOC108160608 isoform X2
>gi|1037012612|ref|XP_017150206.1| PREDICTED: uncharacterized protein LOC108160608 isoform X1
>gi|1036996452|ref|XP_017149233.1| PREDICTED: proliferating cell nuclear antigen [Drosophila m
>gi|1036996432|ref|XP_017149232.1| PREDICTED: hormone-sensitive lipase-like [Drosophila mirand
>gi|1036937909|ref|XP_017145689.1| PREDICTED: probable cytochrome P450 4p3 [Drosophila miranda]
>gi|1036937923|ref|XP 017145692.1| PREDICTED: uncharacterized protein LOC108158055, partial [Di
>gi|1036937939|ref|XP_017145693.1| PREDICTED: probable cytochrome P450 6a23 [Drosophila mirand
>gi|1036937955|ref|XP_017145694.1| PREDICTED: probable cytochrome P450 6a23, partial [Drosophi
>gi|1036937970|ref|XP_017145695.1| PREDICTED: kinesin-like protein subito, partial [Drosophila
>gi|1036977133|ref|XP_017148047.1| PREDICTED: protein germ cell-less [Drosophila miranda]
>gi|1036977083|ref|XP_017148044.1| PREDICTED: protein EFR3 homolog cmp44E isoform X1 [Drosophi
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>gi|1036977115|ref|XP_017148046.1| PREDICTED: protein EFR3 homolog cmp44E isoform X3 [Drosophi
>gi|1036977100|ref|XP_017148045.1| PREDICTED: protein EFR3 homolog cmp44E isoform X2 [Drosophi
>gi|1037008545|ref|XP_017149965.1| PREDICTED: uncharacterized protein LOC108160462 [Drosophila
>gi|1036942579|ref|XP_017145977.1| PREDICTED: uncharacterized protein LOC108158252 [Drosophila
>gi|1037002419|ref|XP_017149598.1| PREDICTED: nephrin isoform X3 [Drosophila miranda]
>gi|1037002384|ref|XP_017149596.1| PREDICTED: nephrin isoform X1 [Drosophila miranda]
>gi|1037002401|ref|XP 017149597.1| PREDICTED: nephrin isoform X2 [Drosophila miranda]
>gi|1037002437|ref|XP_017149599.1| PREDICTED: uncharacterized protein LOC108160248 [Drosophila
>gi|1036988300|ref|XP_017148737.1| PREDICTED: ryanodine receptor isoform X3 [Drosophila mirand
>gi|1036988470|ref|XP_017148745.1| PREDICTED: ryanodine receptor isoform X11 [Drosophila miran-
>gi|1036988375|ref|XP_017148741.1| PREDICTED: ryanodine receptor isoform X7 [Drosophila mirand
>gi|1036988341|ref|XP_017148739.1| PREDICTED: ryanodine receptor isoform X5 [Drosophila mirand
>gi|1036988359|ref|XP_017148740.1| PREDICTED: ryanodine receptor isoform X6 [Drosophila mirand
>gi|1036988429|ref|XP_017148744.1| PREDICTED: ryanodine receptor isoform X10 [Drosophila mirane
>gi|1036988392|ref|XP_017148742.1| PREDICTED: ryanodine receptor isoform X8 [Drosophila mirand
>gi|1036988266|ref|XP_017148735.1| PREDICTED: ryanodine receptor isoform X1 [Drosophila mirand
>gi|1036988317|ref|XP_017148738.1| PREDICTED: ryanodine receptor isoform X4 [Drosophila mirand
>gi|1036988280|ref|XP_017148736.1| PREDICTED: ryanodine receptor isoform X2 [Drosophila mirand
>gi|1036988409|ref|XP_017148743.1| PREDICTED: ryanodine receptor isoform X9 [Drosophila mirand
>gi|1036988487|ref|XP 017148746.1| PREDICTED: SCF E3 ubiquitin ligase complex F-box protein po
>gi|1037013255|ref|XP_017150247.1| PREDICTED: dynactin subunit 2 [Drosophila miranda]
>gi|1036999387|ref|XP_017149414.1| PREDICTED: protein transport protein Sec31A [Drosophila mire
>gi|1036999405|ref|XP_017149415.1| PREDICTED: uncharacterized protein LOC108160131 [Drosophila
>gi|1037019777|ref|XP_017150651.1| PREDICTED: uncharacterized protein LOC108160893 [Drosophila
>gi|1037013399|ref|XP_017150255.1| PREDICTED: protein Wnt-2 isoform X1 [Drosophila miranda]
>gi|1037013416|ref|XP_017150256.1| PREDICTED: protein Wnt-2 isoform X2 [Drosophila miranda]
>gi|1036956368|ref|XP_017146812.1| PREDICTED: uncharacterized protein LOC108158726 isoform X4
>gi|1036956309|ref|XP_017146809.1| PREDICTED: uncharacterized protein LOC108158726 isoform X2
>gi|1036956292|ref|XP_017146808.1| PREDICTED: uncharacterized protein LOC108158726 isoform X1
>gi|1036956425|ref|XP_017146816.1| PREDICTED: uncharacterized protein LOC108158726 isoform X7
>gi|1036956442|ref|XP_017146817.1| PREDICTED: uncharacterized protein LOC108158726 isoform X8
>gi|1036956401|ref|XP_017146815.1| PREDICTED: uncharacterized protein LOC108158726 isoform X6
>gi|1036956385|ref|XP_017146814.1| PREDICTED: uncharacterized protein LOC108158726 isoform X5
>gi|1036956328|ref|XP_017146810.1| PREDICTED: uncharacterized protein LOC108158726 isoform X3
>gi|1036956350|ref|XP 017146811.1| PREDICTED: uncharacterized protein LOC108158726 isoform X3
>gi|1036956478|ref|XP_017146820.1| PREDICTED: PTB domain-containing adapter protein ced-6 isof
>gi|1036956514|ref|XP_017146822.1| PREDICTED: PTB domain-containing adapter protein ced-6 isof
>gi|1036956496|ref|XP_017146821.1| PREDICTED: PTB domain-containing adapter protein ced-6 isof
>gi|1036956530|ref|XP_017146823.1| PREDICTED: pyruvate dehydrogenase (acetyl-transferring) kin
>gi|1036956542|ref|XP_017146824.1| PREDICTED: pyruvate dehydrogenase (acetyl-transferring) kin-
>gi|1036956461|ref|XP_017146819.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 38 [Drosop
>gi|1036940323|ref|XP_017145843.1| PREDICTED: transmembrane protein 18 isoform X1 [Drosophila 1
>gi|1036940338|ref|XP_017145844.1| PREDICTED: transmembrane protein 18 isoform X2 [Drosophila i
>gi|1036937988|ref|XP_017145696.1| PREDICTED: uncharacterized protein LOC108158059 [Drosophila
>gi|1037000567|ref|XP_017149480.1| PREDICTED: dystrobrevin beta isoform X1 [Drosophila miranda]
>gi|1037000584|ref|XP_017149481.1| PREDICTED: dystrobrevin beta isoform X2 [Drosophila miranda]
>gi|1037000601|ref|XP_017149483.1| PREDICTED: dystrobrevin beta isoform X3 [Drosophila miranda]
>gi|1037005878|ref|XP_017149799.1| PREDICTED: lachesin [Drosophila miranda]
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>gi|1036943566|ref|XP_017146038.1| PREDICTED: uncharacterized protein LOC108158310 [Drosophila
>gi|1036988027|ref|XP_017148720.1| PREDICTED: CWF19-like protein 1 homolog isoform X2 [Drosoph
>gi|1036988009|ref|XP_017148719.1| PREDICTED: CWF19-like protein 1 homolog isoform X1 [Drosoph
>gi|1036988059|ref|XP_017148723.1| PREDICTED: farnesyl pyrophosphate synthase [Drosophila mirates]
>gi|1036988045|ref|XP 017148721.1| PREDICTED: putative uncharacterized protein DDB G0286901 [Di
>gi|1036987991|ref|XP_017148718.1| PREDICTED: uncharacterized protein LOC108159711 isoform X3
>gi|1036987973|ref|XP 017148717.1| PREDICTED: uncharacterized protein LOC108159711 isoform X2
>gi|1036987953|ref|XP_017148716.1| PREDICTED: uncharacterized protein LOC108159711 isoform X1
>gi|1036988083|ref|XP_017148724.1| PREDICTED: uncharacterized protein LOC108159715 [Drosophila
>gi|1036946543|ref|XP_017146215.1| PREDICTED: odorant receptor 47b [Drosophila miranda]
>gi|1037009345|ref|XP_017150014.1| PREDICTED: uncharacterized protein LOC108160490 [Drosophila
>gi|1037009359|ref|XP_017150016.1| PREDICTED: trypsin delta/gamma-like [Drosophila miranda]
>gi|1036938006|ref|XP_017145697.1| PREDICTED: transmembrane protease serine 9-like [Drosophila
>gi|1037021656|ref|XP_017150769.1| PREDICTED: trypsin theta [Drosophila miranda]
>gi|1037019634|ref|XP_017150641.1| PREDICTED: trypsin alpha [Drosophila miranda]
>gi|1037017822|ref|XP_017150524.1| PREDICTED: trypsin epsilon [Drosophila miranda]
>gi|1037017832|ref|XP_017150525.1| PREDICTED: LOW QUALITY PROTEIN: trypsin alpha-like [Drosoph
>gi|1037016926|ref|XP_017150465.1| PREDICTED: trypsin delta/gamma [Drosophila miranda]
>gi|1037016955|ref|XP_017150467.1| PREDICTED: coiled-coil domain-containing protein 103 [Droso
>gi|1037016940|ref|XP_017150466.1| PREDICTED: trypsin iota-like [Drosophila miranda]
>gi|1036940841|ref|XP_017145876.1| PREDICTED: death-associated protein 1 [Drosophila miranda]
>gi|1036959264|ref|XP_017146982.1| PREDICTED: uroporphyrinogen decarboxylase [Drosophila miran
>gi|1036959413|ref|XP_017146992.1| PREDICTED: transmembrane protein 234 homolog [Drosophila mi
>gi|1036959450|ref|XP_017146993.1| PREDICTED: 60S ribosomal protein L31 [Drosophila miranda]
>gi|1036959176|ref|XP_017146977.1| PREDICTED: uncharacterized protein LOC108158802 [Drosophila
>gi|1036959222|ref|XP_017146981.1| PREDICTED: putative N(4)-(beta-N-acetylglucosaminyl)-L-aspa:
>gi|1036959208|ref|XP_017146980.1| PREDICTED: uncharacterized protein LOC108158804 [Drosophila
>gi|1036959366|ref|XP_017146988.1| PREDICTED: RWD domain-containing protein 2A [Drosophila mire
>gi|1036959193|ref|XP_017146978.1| PREDICTED: neuropeptide Y receptor type 1 [Drosophila miran
>gi|1036959350|ref|XP_017146987.1| PREDICTED: alpha-tocopherol transfer protein [Drosophila mi
>gi|1036959275|ref|XP_017146983.1| PREDICTED: uncharacterized protein LOC108158807 [Drosophila
>gi|1036959290|ref|XP_017146984.1| PREDICTED: uncharacterized protein LOC108158807 [Drosophila
>gi|1036959396|ref|XP_017146991.1| PREDICTED: glutathione S-transferase theta-1 [Drosophila mi
>gi|1036959382|ref|XP_017146989.1| PREDICTED: glutathione S-transferase theta-1-like [Drosophi
>gi|1036959302|ref|XP 017146985.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036959330|ref|XP_017146986.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036975381|ref|XP_017147938.1| PREDICTED: matrix metalloproteinase-2 isoform X1 [Drosophile
>gi|1036975419|ref|XP_017147940.1| PREDICTED: matrix metalloproteinase-2 isoform X3 [Drosophile
>gi|1036975397|ref|XP_017147939.1| PREDICTED: matrix metalloproteinase-2 isoform X2 [Drosophile
>gi|1036975433|ref|XP_017147941.1| PREDICTED: uncharacterized protein LOC108159288 [Drosophila
>gi|1036975346|ref|XP_017147936.1| PREDICTED: ubiquitin-like modifier-activating enzyme 1 [Dros
>gi|1036975364|ref|XP_017147937.1| PREDICTED: ubiquitin-like modifier-activating enzyme 1 [Dros
>gi|1036938022|ref|XP_017145699.1| PREDICTED: uncharacterized protein LOC108158061, partial [Di
>gi|1036992002|ref|XP_017148956.1| PREDICTED: uncharacterized protein LOC108159866 [Drosophila
>gi|1036992016|ref|XP_017148957.1| PREDICTED: uncharacterized protein LOC108159867 [Drosophila
>gi|1036991968|ref|XP_017148954.1| PREDICTED: serine-threonine kinase receptor-associated prote
>gi|1036991986|ref|XP_017148955.1| PREDICTED: cyclin-dependent kinase inhibitor 1 [Drosophila i
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>gi|1036938039|ref|XP_017145700.1| PREDICTED: uncharacterized protein LOC108158062 [Drosophila
>gi|1037018311|ref|XP_017150556.1| PREDICTED: transient-receptor-potential-like protein isoform
>gi|1037018331|ref|XP_017150557.1| PREDICTED: transient-receptor-potential-like protein isoform
>gi|1037018347|ref|XP_017150558.1| PREDICTED: transient-receptor-potential-like protein isoform
>gi|1037018392|ref|XP 017150561.1| PREDICTED: uncharacterized protein LOC108160833 [Drosophila
>gi|1037018361|ref|XP_017150559.1| PREDICTED: transient-receptor-potential-like protein isoform
>gi|1037018379|ref|XP_017150560.1| PREDICTED: transient-receptor-potential-like protein isoform
>gi|1037009529|ref|XP_017150027.1| PREDICTED: uncharacterized protein LOC108160500 isoform X2
>gi|1037009511|ref|XP_017150026.1| PREDICTED: uncharacterized protein LOC108160500 isoform X1
>gi|1037009543|ref|XP_017150028.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036938056|ref|XP_017145701.1| PREDICTED: uncharacterized protein LOC108158063 [Drosophila
>gi|1036938070|ref|XP_017145702.1| PREDICTED: uncharacterized protein LOC108158064, partial [Di
>gi|1037007883|ref|XP_017149926.1| PREDICTED: zinc finger protein 573 isoform X1 [Drosophila m
>gi|1037007932|ref|XP_017149930.1| PREDICTED: zinc finger protein 573 isoform X4 [Drosophila m
>gi|1037007914|ref|XP_017149928.1| PREDICTED: zinc finger protein 573 isoform X3 [Drosophila m
>gi|1037007898|ref|XP_017149927.1| PREDICTED: zinc finger protein 573 isoform X2 [Drosophila m
>gi|1037007950|ref|XP_017149931.1| PREDICTED: uncharacterized protein LOC108160434 isoform X5
>gi|1036982236|ref|XP_017148367.1| PREDICTED: uncharacterized protein LOC108159518 [Drosophila
>gi|1036982218|ref|XP_017148365.1| PREDICTED: eukaryotic translation initiation factor 4 gamma
>gi|1036997605|ref|XP 017149304.1| PREDICTED: uncharacterized protein LOC108160066 [Drosophila
>gi|1036997585|ref|XP_017149303.1| PREDICTED: zinc finger protein GLIS2 homolog isoform X2 [Dr
>gi|1036997565|ref|XP 017149302.1| PREDICTED: zinc finger protein GLIS2 homolog isoform X1 [Dro
>gi|1036997549|ref|XP_017149301.1| PREDICTED: uncharacterized protein LOC108160064 [Drosophila
>gi|1037009825|ref|XP 017150040.1| PREDICTED: DCN1-like protein 3 [Drosophila miranda]
>gi|1037009845|ref|XP_017150042.1| PREDICTED: DCN1-like protein 3 [Drosophila miranda]
>gi|1037009863|ref|XP_017150043.1| PREDICTED: DCN1-like protein 3 [Drosophila miranda]
>gi|1036970233|ref|XP_017147622.1| PREDICTED: Usher syndrome type-1G protein homolog [Drosophi
>gi|1036970323|ref|XP_017147627.1| PREDICTED: S-phase kinase-associated protein 1 [Drosophila 1
>gi|1036970215|ref|XP_017147620.1| PREDICTED: SET and MYND domain-containing protein 4 [Drosop
>gi|1036970287|ref|XP_017147625.1| PREDICTED: protein OSCP1 isoform X1 [Drosophila miranda]
>gi|1036970304|ref|XP_017147626.1| PREDICTED: protein OSCP1 isoform X2 [Drosophila miranda]
>gi|1036970269|ref|XP_017147624.1| PREDICTED: probable trans-2-enoyl-CoA reductase, mitochondr
>gi|1036970253|ref|XP_017147623.1| PREDICTED: nedd8-activating enzyme E1 catalytic subunit [Dreflection of the content of the 
>gi|1036970195|ref|XP_017147619.1| PREDICTED: LOW QUALITY PROTEIN: rac GTPase-activating prote
>gi|1036941717|ref|XP 017145920.1| PREDICTED: sortilin-related receptor [Drosophila miranda]
>gi|1037012883|ref|XP_017150224.1| PREDICTED: probable enoyl-CoA hydratase, mitochondrial [Dros
>gi|1037012869|ref|XP 017150223.1| PREDICTED: uncharacterized protein LOC108160618 [Drosophila
>gi|1037016850|ref|XP_017150460.1| PREDICTED: synaptogyrin-1 [Drosophila miranda]
>gi|1037016864|ref|XP_017150461.1| PREDICTED: uncharacterized protein LOC108160772 isoform X1
>gi|1037016882|ref|XP_017150462.1| PREDICTED: uncharacterized protein LOC108160772 isoform X2
>gi|1036944058|ref|XP_017146067.1| PREDICTED: cathepsin L1 [Drosophila miranda]
>gi|1037020237|ref|XP_017150680.1| PREDICTED: zingipain-1 [Drosophila miranda]
>gi|1037011251|ref|XP_017150123.1| PREDICTED: uncharacterized protein LOC108160560 [Drosophila
>gi|1037011269|ref|XP_017150124.1| PREDICTED: uncharacterized protein LOC108160560 [Drosophila
>gi|1037011287|ref|XP_017150125.1| PREDICTED: uncharacterized protein LOC108160561 [Drosophila
>gi|1037002328|ref|XP_017149592.1| PREDICTED: pre-mRNA-splicing regulator female-lethal(2)D is
>gi|1037002344|ref|XP_017149593.1| PREDICTED: pre-mRNA-splicing regulator female-lethal(2)D is
>gi|1037014400|ref|XP_017150317.1| PREDICTED: voltage-dependent calcium channel subunit alpha-
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>gi|1037014416|ref|XP_017150319.1| PREDICTED: voltage-dependent calcium channel subunit alpha-
>gi|1037014369|ref|XP_017150315.1| PREDICTED: voltage-dependent calcium channel subunit alpha-
>gi|1037014336|ref|XP_017150313.1| PREDICTED: voltage-dependent calcium channel subunit alpha-
>gi|1037014385|ref|XP_017150316.1| PREDICTED: voltage-dependent calcium channel subunit alpha-
>gi|1037014351|ref|XP 017150314.1| PREDICTED: voltage-dependent calcium channel subunit alpha-
>gi|1037014432|ref|XP_017150320.1| PREDICTED: pro-resilin [Drosophila miranda]
>gi|1036938087|ref|XP 017145703.1| PREDICTED: uncharacterized protein LOC108158065 [Drosophila
>gi|1037019274|ref|XP_017150620.1| PREDICTED: cytosol aminopeptidase [Drosophila miranda]
>gi|1037021890|ref|XP_017150784.1| PREDICTED: actin cytoskeleton-regulatory complex protein PA
>gi|1037021905|ref|XP_017150785.1| PREDICTED: actin cytoskeleton-regulatory complex protein PA
>gi|1037005892|ref|XP_017149800.1| PREDICTED: uncharacterized protein LOC108160349 [Drosophila
>gi|1037005908|ref|XP 017149801.1| PREDICTED: axoneme-associated protein mst101(2)-like [Droso
>gi|1036942491|ref|XP_017145972.1| PREDICTED: parafibromin isoform X2 [Drosophila miranda]
>gi|1036942455|ref|XP_017145970.1| PREDICTED: parafibromin isoform X1 [Drosophila miranda]
>gi|1036942473|ref|XP_017145971.1| PREDICTED: parafibromin isoform X1 [Drosophila miranda]
>gi|1036942277|ref|XP_017145958.1| PREDICTED: uncharacterized protein LOC108158237 [Drosophila
>gi|1036940495|ref|XP_017145854.1| PREDICTED: sulfhydryl oxidase 1-like [Drosophila miranda]
>gi|1036940647|ref|XP_017145864.1| PREDICTED: probable palmitoyltransferase ZDHHC24 [Drosophile
>gi|1036940683|ref|XP_017145866.1| PREDICTED: vacuolar protein-sorting-associated protein 25 [
>gi|1036940355|ref|XP 017145845.1| PREDICTED: latrophilin Cirl isoform X1 [Drosophila miranda]
>gi|1036940373|ref|XP_017145846.1| PREDICTED: latrophilin Cirl isoform X2 [Drosophila miranda]
>gi|1036940392|ref|XP 017145847.1| PREDICTED: latrophilin Cirl isoform X2 [Drosophila miranda]
>gi|1036940409|ref|XP_017145848.1| PREDICTED: latrophilin Cirl isoform X3 [Drosophila miranda]
>gi|1036940528|ref|XP_017145856.1| PREDICTED: uncharacterized protein LOC108158147 [Drosophila
>gi|1036938103|ref|XP_017145704.1| PREDICTED: actin-binding protein anillin-like [Drosophila m
>gi|1036940544|ref|XP_017145857.1| PREDICTED: putative ATPase N2B [Drosophila miranda]
>gi|1036940593|ref|XP_017145860.1| PREDICTED: deoxyribose-phosphate aldolase [Drosophila mirane
>gi|1036940665|ref|XP_017145865.1| PREDICTED: uncharacterized protein LOC108158154 [Drosophila
>gi|1036940513|ref|XP_017145855.1| PREDICTED: probable nucleoporin Nup54 [Drosophila miranda]
>gi|1036940772|ref|XP_017145872.1| PREDICTED: uncharacterized protein LOC108158160 [Drosophila
>gi|1036940754|ref|XP_017145871.1| PREDICTED: LOW QUALITY PROTEIN: bolA-like protein 2 [Drosop
>gi|1036940561|ref|XP_017145858.1| PREDICTED: LOW QUALITY PROTEIN: mevalonate kinase [Drosophi
>gi|1036940736|ref|XP 017145870.1| PREDICTED: transcription elongation factor SPT4 [Drosophila
>gi|1036940718|ref|XP_017145868.1| PREDICTED: transcription elongation factor SPT4 [Drosophila
>gi|1036940700|ref|XP 017145867.1| PREDICTED: uncharacterized protein LOC108158156 [Drosophila
>gi|1036940611|ref|XP_017145862.1| PREDICTED: transmembrane protein 183 isoform X1 [Drosophila
>gi|1036940627|ref|XP_017145863.1| PREDICTED: transmembrane protein 183 isoform X2 [Drosophila
>gi|1036940576|ref|XP_017145859.1| PREDICTED: LOW QUALITY PROTEIN: cytosol aminopeptidase [Dros
>gi|1036940427|ref|XP_017145849.1| PREDICTED: pre-mRNA-splicing factor SYF1 [Drosophila mirand
>gi|1036940443|ref|XP_017145850.1| PREDICTED: CDK5 and ABL1 enzyme substrate 1 isoform X1 [Dros
>gi|1036940461|ref|XP_017145851.1| PREDICTED: CDK5 and ABL1 enzyme substrate 1 isoform X2 [Dros
>gi|1036940479|ref|XP_017145852.1| PREDICTED: CDK5 and ABL1 enzyme substrate 1 isoform X3 [Dros
>gi|1037019795|ref|XP_017150652.1| PREDICTED: uncharacterized protein LOC108160894 [Drosophila
>gi|1037021039|ref|XP_017150733.1| PREDICTED: L-lactate dehydrogenase B chain [Drosophila mirated]
>gi|1036985190|ref|XP_017148547.1| PREDICTED: U6 snRNA-associated Sm-like protein LSm6 [Drosop
>gi|1036985175|ref|XP_017148546.1| PREDICTED: uncharacterized protein LOC108159603 [Drosophila
>gi|1036985159|ref|XP_017148545.1| PREDICTED: charged multivesicular body protein 4c isoform X
>gi|1036985143|ref|XP_017148544.1| PREDICTED: charged multivesicular body protein 4c isoform X
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>gi|1036985127|ref|XP_017148543.1| PREDICTED: pre-mRNA-splicing factor 38A [Drosophila miranda]
>gi|1036985092|ref|XP_017148541.1| PREDICTED: proton-coupled folate transporter [Drosophila min
>gi|1036985110|ref|XP_017148542.1| PREDICTED: proton-coupled folate transporter-like [Drosophi
>gi|1036985074|ref|XP_017148540.1| PREDICTED: uncharacterized protein LOC108159597 [Drosophila
>gi|1037021336|ref|XP 017150750.1| PREDICTED: proton-coupled folate transporter isoform X1 [Dr.
>gi|1037021354|ref|XP_017150752.1| PREDICTED: proton-coupled folate transporter isoform X2 [Dref|XP_017150752.1]
>gi|1036959807|ref|XP 017147010.1| PREDICTED: DNA repair protein RAD51 homolog 4 [Drosophila m
>gi|1036959825|ref|XP_017147011.1| PREDICTED: uncharacterized protein LOC108158825 [Drosophila
>gi|1036959690|ref|XP_017147004.1| PREDICTED: dnaJ homolog subfamily C member 13 isoform X2 [Di
>gi|1036959710|ref|XP_017147005.1| PREDICTED: dnaJ homolog subfamily C member 13 isoform X3 [Di
>gi|1036959654|ref|XP_017147002.1| PREDICTED: dnaJ homolog subfamily C member 13 isoform X1 [Di
>gi|1036959672|ref|XP_017147003.1| PREDICTED: dnaJ homolog subfamily C member 13 isoform X1 [Di
>gi|1036959763|ref|XP_017147009.1| PREDICTED: ras-related protein Rab-32 isoform X3 [Drosophile
>gi|1036959741|ref|XP_017147008.1| PREDICTED: ras-related protein Rab-44 isoform X2 [Drosophile
>gi|1036959723|ref|XP_017147007.1| PREDICTED: ras and EF-hand domain-containing protein homology
>gi|1036959843|ref|XP_017147012.1| PREDICTED: mitochondrial folate transporter/carrier [Drosop
>gi|1037000882|ref|XP_017149502.1| PREDICTED: protein SMG8 isoform X1 [Drosophila miranda]
>gi|1037000896|ref|XP 017149504.1| PREDICTED: protein SMG8 isoform X2 [Drosophila miranda]
>gi|1037000979|ref|XP_017149505.1| PREDICTED: zinc carboxypeptidase [Drosophila miranda]
>gi|1037002165|ref|XP 017149582.1| PREDICTED: protein scabrous [Drosophila miranda]
>gi|1037020255|ref|XP_017150682.1| PREDICTED: probable cytochrome P450 9h1 [Drosophila miranda]
>gi|1037020277|ref|XP_017150683.1| PREDICTED: odorant receptor 49b [Drosophila miranda]
>gi|1037022252|ref|XP_017150806.1| PREDICTED: venom allergen 5.01 isoform X2 [Drosophila miran
>gi|1037022234|ref|XP_017150805.1| PREDICTED: venom allergen 3 isoform X1 [Drosophila miranda]
>gi|1037021614|ref|XP_017150766.1| PREDICTED: venom allergen 3 [Drosophila miranda]
>gi|1037021642|ref|XP_017150768.1| PREDICTED: uncharacterized protein LOC108160978 isoform X2
>gi|1037021626|ref|XP_017150767.1| PREDICTED: uncharacterized protein LOC108160978 isoform X1
>gi|1036968976|ref|XP_017147545.1| PREDICTED: uncharacterized protein LOC108159090 isoform X10
>gi|1036968850|ref|XP_017147537.1| PREDICTED: uncharacterized protein LOC108159090 isoform X3
>gi|1036968808|ref|XP_017147535.1| PREDICTED: uncharacterized protein LOC108159090 isoform X1
>gi|1036968939|ref|XP_017147542.1| PREDICTED: uncharacterized protein LOC108159090 isoform X8
>gi|1036968828|ref|XP_017147536.1| PREDICTED: protein shisa-5 isoform X2 [Drosophila miranda]
>gi|1036968921|ref|XP_017147541.1| PREDICTED: uncharacterized protein LOC108159090 isoform X7
>gi|1036968904|ref|XP_017147540.1| PREDICTED: uncharacterized protein LOC108159090 isoform X6
>gi|1036968956|ref|XP 017147544.1| PREDICTED: uncharacterized protein LOC108159090 isoform X9
>gi|1036968888|ref|XP_017147539.1| PREDICTED: uncharacterized protein LOC108159090 isoform X5
>gi|1036968870|ref|XP_017147538.1| PREDICTED: uncharacterized protein LOC108159090 isoform X4
>gi|1036968790|ref|XP_017147534.1| PREDICTED: transcription factor BTF3 homolog 4 [Drosophila i
>gi|1036969016|ref|XP_017147547.1| PREDICTED: carcinine transporter isoform X2 [Drosophila mire
>gi|1036968996|ref|XP_017147546.1| PREDICTED: carcinine transporter isoform X1 [Drosophila mire
>gi|1036969157|ref|XP_017147556.1| PREDICTED: protein lifeguard 1 isoform X2 [Drosophila miran
>gi|1036969181|ref|XP_017147557.1| PREDICTED: protein lifeguard 1 isoform X3 [Drosophila miran
>gi|1036969139|ref|XP_017147555.1| PREDICTED: protein lifeguard 1 isoform X1 [Drosophila miran-
>gi|1036969129|ref|XP_017147554.1| PREDICTED: protein lifeguard 1 isoform X2 [Drosophila miran
>gi|1036969094|ref|XP_017147551.1| PREDICTED: protein lifeguard 1 isoform X1 [Drosophila miran-
>gi|1036969111|ref|XP_017147553.1| PREDICTED: protein lifeguard 1 isoform X1 [Drosophila miran
>gi|1036969034|ref|XP_017147548.1| PREDICTED: aspartate--tRNA ligase, cytoplasmic isoform X1 [
>gi|1036969054|ref|XP_017147549.1| PREDICTED: aspartate--tRNA ligase, cytoplasmic isoform X2 [
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>gi|1036969074|ref|XP_017147550.1| PREDICTED: protein vestigial [Drosophila miranda]
>gi|1036942694|ref|XP_017145985.1| PREDICTED: ERI1 exoribonuclease 2-like [Drosophila miranda]
>gi|1036938121|ref|XP_017145705.1| PREDICTED: proteasome subunit alpha type-4-like [Drosophila
>gi|1037017810|ref|XP_017150523.1| PREDICTED: uncharacterized protein LOC108160811 [Drosophila
>gi|1037014450|ref|XP 017150321.1| PREDICTED: 40S ribosomal protein S18 [Drosophila miranda]
>gi|1037012769|ref|XP_017150216.1| PREDICTED: DNA replication inhibitor plutonium [Drosophila i
>gi|1037012803|ref|XP 017150219.1| PREDICTED: uncharacterized protein LOC108160614 isoform X2
>gi|1037012785|ref|XP_017150218.1| PREDICTED: uncharacterized protein LOC108160614 isoform X1
>gi|1036996340|ref|XP_017149226.1| PREDICTED: proliferating cell nuclear antigen [Drosophila m
>gi|1036996290|ref|XP_017149223.1| PREDICTED: hormone-sensitive lipase isoform X1 [Drosophila in the content of the content of
>gi|1036996307|ref|XP_017149224.1| PREDICTED: hormone-sensitive lipase isoform X2 [Drosophila 1
>gi|1036996325|ref|XP 017149225.1| PREDICTED: hormone-sensitive lipase isoform X2 [Drosophila |
>gi|1037005932|ref|XP_017149803.1| PREDICTED: arginyl-tRNA--protein transferase 1 isoform X2 [
>gi|1037005920|ref|XP_017149802.1| PREDICTED: arginyl-tRNA--protein transferase 1 isoform X1 [
>gi|1037005942|ref|XP_017149804.1| PREDICTED: arginyl-tRNA--protein transferase 1 isoform X3 [
>gi|1037005956|ref|XP_017149806.1| PREDICTED: sialin [Drosophila miranda]
>gi|1037005974|ref|XP_017149807.1| PREDICTED: sialin [Drosophila miranda]
>gi|1036998787|ref|XP 017149380.1| PREDICTED: 2-hydroxyacyl-CoA lyase 1 [Drosophila miranda]
>gi|1036998751|ref|XP_017149378.1| PREDICTED: EF-hand domain-containing family member C2 isofo
>gi|1036998733|ref|XP 017149377.1| PREDICTED: EF-hand domain-containing family member C2 isofo
>gi|1036998769|ref|XP_017149379.1| PREDICTED: EF-hand domain-containing family member C2 isofo
>gi|1036998838|ref|XP 017149383.1| PREDICTED: uncharacterized protein LOC108160104 [Drosophila
>gi|1036998805|ref|XP_017149381.1| PREDICTED: leucine-rich repeat and death domain-containing
>gi|1036998822|ref|XP_017149382.1| PREDICTED: plant intracellular Ras-group-related LRR protein
>gi|1036952333|ref|XP_017146572.1| PREDICTED: uncharacterized protein LOC108158609 [Drosophila
>gi|1036938139|ref|XP_017145707.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1036952301|ref|XP 017146570.1| PREDICTED: uncharacterized protein LOC108158607 isoform X2
>gi|1036952317|ref|XP_017146571.1| PREDICTED: uncharacterized protein LOC108158607 isoform X2
>gi|1036952283|ref|XP_017146569.1| PREDICTED: uncharacterized protein LOC108158607 isoform X1
>gi|1036952351|ref|XP_017146573.1| PREDICTED: PRADC1-like protein [Drosophila miranda]
>gi|1036952389|ref|XP_017146577.1| PREDICTED: CCHC-type zinc finger protein CG3800 [Drosophila
>gi|1036952225|ref|XP_017146566.1| PREDICTED: receptor expression-enhancing protein 1 isoform
>gi|1036952175|ref|XP_017146563.1| PREDICTED: uncharacterized protein LOC108158605 isoform X7
>gi|1036952141|ref|XP_017146561.1| PREDICTED: uncharacterized protein LOC108158605 isoform X5
>gi|1036952101|ref|XP 017146559.1| PREDICTED: uncharacterized protein LOC108158605 isoform X4
>gi|1036952130|ref|XP_017146560.1| PREDICTED: uncharacterized protein LOC108158605 isoform X4
>gi|1036952083|ref|XP 017146558.1| PREDICTED: uncharacterized protein LOC108158605 isoform X3
>gi|1036952067|ref|XP_017146557.1| PREDICTED: uncharacterized protein LOC108158605 isoform X2
>gi|1036952049|ref|XP_017146556.1| PREDICTED: uncharacterized protein LOC108158605 isoform X1
>gi|1036952159|ref|XP_017146562.1| PREDICTED: uncharacterized protein LOC108158605 isoform X6
>gi|1036952209|ref|XP_017146565.1| PREDICTED: probable serine/threonine-protein kinase kinX is
>gi|1036952269|ref|XP_017146568.1| PREDICTED: receptor expression-enhancing protein 1 isoform
>gi|1036952193|ref|XP_017146564.1| PREDICTED: receptor expression-enhancing protein 2 isoform
>gi|1036952251|ref|XP_017146567.1| PREDICTED: uncharacterized protein LOC108158605 isoform X11
>gi|1036952031|ref|XP_017146555.1| PREDICTED: nuclear pore complex protein Nup214 [Drosophila i
>gi|1036952359|ref|XP_017146574.1| PREDICTED: uncharacterized protein LOC108158611 isoform X1
>gi|1036952373|ref|XP_017146575.1| PREDICTED: uncharacterized protein LOC108158611 isoform X2
>gi|1036977664|ref|XP_017148079.1| PREDICTED: LOW QUALITY PROTEIN: protein slit [Drosophila mi
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>gi|1036996725|ref|XP_017149250.1| PREDICTED: uncharacterized protein LOC108160024 isoform X2
>gi|1036996709|ref|XP_017149249.1| PREDICTED: uncharacterized protein LOC108160024 isoform X1
>gi|1036986691|ref|XP_017148642.1| PREDICTED: death-associated inhibitor of apoptosis 2 [Droso
>gi|1036986823|ref|XP_017148649.1| PREDICTED: uncharacterized protein LOC108159673 [Drosophila
>gi|1036986787|ref|XP 017148646.1| PREDICTED: myeloid leukemia factor isoform X4 [Drosophila m
>gi|1036986719|ref|XP_017148644.1| PREDICTED: myeloid leukemia factor isoform X2 [Drosophila m
>gi|1036986770|ref|XP 017148645.1| PREDICTED: myeloid leukemia factor isoform X3 [Drosophila m
>gi|1036986705|ref|XP_017148643.1| PREDICTED: myeloid leukemia factor isoform X1 [Drosophila m
>gi|1036986805|ref|XP_017148647.1| PREDICTED: myeloid leukemia factor isoform X5 [Drosophila m
>gi|1036977016|ref|XP_017148040.1| PREDICTED: ecdysone receptor isoform X2 [Drosophila miranda]
>gi|1036977034|ref|XP_017148041.1| PREDICTED: ecdysone receptor isoform X3 [Drosophila miranda]
>gi|1036976998|ref|XP_017148039.1| PREDICTED: ecdysone receptor isoform X1 [Drosophila miranda]
>gi|1036977066|ref|XP_017148043.1| PREDICTED: uncharacterized protein LOC108159347 [Drosophila
>gi|1036977052|ref|XP_017148042.1| PREDICTED: probable cytochrome P450 6w1 [Drosophila miranda]
>gi|1036943671|ref|XP_017146046.1| PREDICTED: macrophage mannose receptor 1-like [Drosophila m
>gi|1036938157|ref|XP_017145708.1| PREDICTED: macrophage mannose receptor 1 [Drosophila mirand
>gi|1036943530|ref|XP_017146036.1| PREDICTED: regenerating islet-derived protein 4-like [Droso
>gi|1036995098|ref|XP_017149151.1| PREDICTED: patched domain-containing protein 3 [Drosophila in the containing protein of the containing protein of
>gi|1037018428|ref|XP_017150563.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037016975|ref|XP_017150468.1| PREDICTED: zinc finger protein 665 [Drosophila miranda]
>gi|1036975004|ref|XP_017147916.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1036974986|ref|XP_017147915.1| PREDICTED: tetratricopeptide repeat protein 7B isoform X2 [
>gi|1036974968|ref|XP_017147914.1| PREDICTED: tetratricopeptide repeat protein 7B isoform X1 [
>gi|1036974950|ref|XP_017147913.1| PREDICTED: probable RNA methyltransferase bin3 [Drosophila 1
>gi|1037010849|ref|XP_017150098.1| PREDICTED: phospholipase D2 isoform X1 [Drosophila miranda]
>gi|1037010869|ref|XP_017150099.1| PREDICTED: phospholipase D2 isoform X1 [Drosophila miranda]
>gi|1037010886|ref|XP_017150100.1| PREDICTED: phospholipase D2 isoform X2 [Drosophila miranda]
>gi|1037010901|ref|XP_017150101.1| PREDICTED: phospholipase D2 isoform X3 [Drosophila miranda]
>gi|1036972578|ref|XP_017147762.1| PREDICTED: zinc finger protein jing isoform X1 [Drosophila i
>gi|1036972629|ref|XP 017147766.1| PREDICTED: uncharacterized protein LOC108159205 isoform X2
>gi|1036972608|ref|XP_017147765.1| PREDICTED: uncharacterized protein LOC108159205 isoform X1
>gi|1036972594|ref|XP_017147763.1| PREDICTED: zinc finger protein jing isoform X2 [Drosophila i
>gi|1036972639|ref|XP 017147767.1| PREDICTED: uncharacterized protein LOC108159206 [Drosophila
>gi|1036986133|ref|XP_017148610.1| PREDICTED: V-type proton ATPase 16 kDa proteolipid subunit
>gi|1036986147|ref|XP_017148611.1| PREDICTED: V-type proton ATPase 16 kDa proteolipid subunit
>gi|1036986117|ref|XP_017148609.1| PREDICTED: heat shock protein 75 kDa, mitochondrial [Drosop
>gi|1036993330|ref|XP_017149040.1| PREDICTED: AT-rich interactive domain-containing protein 2
>gi|1036993352|ref|XP_017149041.1| PREDICTED: AT-rich interactive domain-containing protein 2
>gi|1036993312|ref|XP_017149039.1| PREDICTED: AT-rich interactive domain-containing protein 2
>gi|1037010154|ref|XP_017150059.1| PREDICTED: senecionine N-oxygenase isoform X1 [Drosophila m
>gi|1037010174|ref|XP_017150060.1| PREDICTED: senecionine N-oxygenase isoform X2 [Drosophila m
>gi|1037010190|ref|XP_017150061.1| PREDICTED: senecionine N-oxygenase isoform X3 [Drosophila m
>gi|1037010206|ref|XP_017150063.1| PREDICTED: bcl-2-related ovarian killer protein homolog B [
>gi|1037003556|ref|XP_017149663.1| PREDICTED: zinc finger CCHC domain-containing protein 8 home
>gi|1037003574|ref|XP_017149665.1| PREDICTED: small integral membrane protein 14 [Drosophila m
>gi|1037003590|ref|XP_017149666.1| PREDICTED: small integral membrane protein 14 [Drosophila m
>gi|1037003606|ref|XP_017149667.1| PREDICTED: small integral membrane protein 14 [Drosophila m
>gi|1036938175|ref|XP_017145709.1| PREDICTED: uncharacterized protein LOC108158070 [Drosophila
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>gi|1037004422|ref|XP_017149711.1| PREDICTED: breast cancer type 2 susceptibility protein homo
>gi|1037004404|ref|XP_017149710.1| PREDICTED: breast cancer type 2 susceptibility protein homo
>gi|1037004386|ref|XP_017149709.1| PREDICTED: breast cancer type 2 susceptibility protein homo
>gi|1037004118|ref|XP_017149696.1| PREDICTED: polyadenylate-binding protein [Drosophila mirand
>gi|1037004136|ref|XP 017149697.1| PREDICTED: polyadenylate-binding protein [Drosophila mirand
>gi|1036938193|ref|XP_017145710.1| PREDICTED: uncharacterized protein LOC108158071 [Drosophila
>gi|1036938210|ref|XP 017145711.1| PREDICTED: uncharacterized protein LOC108158072 [Drosophila
>gi|1036938227|ref|XP_017145712.1| PREDICTED: uncharacterized protein LOC108158073 [Drosophila
>gi|1036995706|ref|XP_017149187.1| PREDICTED: LETM1 and EF-hand domain-containing protein anon
>gi|1036995726|ref|XP_017149188.1| PREDICTED: LETM1 and EF-hand domain-containing protein anon
>gi|1036995744|ref|XP_017149189.1| PREDICTED: LETM1 and EF-hand domain-containing protein anon
>gi|1036995760|ref|XP_017149190.1| PREDICTED: LETM1 and EF-hand domain-containing protein anon
>gi|1036995777|ref|XP_017149191.1| PREDICTED: LETM1 and EF-hand domain-containing protein anon-
>gi|1036943639|ref|XP_017146044.1| PREDICTED: uncharacterized protein LOC108158313 isoform X2
>gi|1036943622|ref|XP_017146042.1| PREDICTED: uncharacterized protein LOC108158313 isoform X1
>gi|1036942241|ref|XP_017145956.1| PREDICTED: proteasome subunit alpha type-7-1B [Drosophila m
>gi|1036941870|ref|XP_017145931.1| PREDICTED: suppressor-of-stellate-like protein isoform X1 [
>gi|1036941885|ref|XP_017145932.1| PREDICTED: suppressor-of-stellate-like protein isoform X2 [
>gi|1036941897|ref|XP_017145933.1| PREDICTED: suppressor-of-stellate-like protein isoform X3 [
>gi|1037020795|ref|XP 017150717.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1036946462|ref|XP_017146210.1| PREDICTED: uncharacterized protein LOC108158438 [Drosophila
>gi|1036938245|ref|XP 017145713.1| PREDICTED: uncharacterized protein LOC108158074 [Drosophila
>gi|1037017794|ref|XP_017150522.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037017776|ref|XP_017150521.1| PREDICTED: dynein light chain roadblock-type 1 [Drosophila i
>gi|1037017763|ref|XP_017150520.1| PREDICTED: leucine-rich repeat-containing protein 40 [Droso
>gi|1037017749|ref|XP_017150519.1| PREDICTED: uncharacterized protein LOC108160806 [Drosophila
>gi|1036941681|ref|XP_017145918.1| PREDICTED: LOW QUALITY PROTEIN: luciferin 4-monooxygenase [
>gi|1036943877|ref|XP_017146058.1| PREDICTED: uncharacterized protein LOC108158328 [Drosophila
>gi|1037022338|ref|XP_017150811.1| PREDICTED: isocitrate dehydrogenase [NAD] subunit alpha, mi
>gi|1036943719|ref|XP_017146048.1| PREDICTED: serine/threonine-protein phosphatase Pgam5, mito
>gi|1036938261|ref|XP_017145714.1| PREDICTED: granzyme C [Drosophila miranda]
>gi|1037002548|ref|XP_017149604.1| PREDICTED: uncharacterized protein LOC108160251 [Drosophila
>gi|1037002634|ref|XP_017149609.1| PREDICTED: LOW QUALITY PROTEIN: NSFL1 cofactor p47 [Drosoph
>gi|1037002616|ref|XP_017149607.1| PREDICTED: GPI mannosyltransferase 4-like isoform X2 [Droso
>gi|1037002590|ref|XP_017149605.1| PREDICTED: pupal cuticle protein G1A-like isoform X1 [Droso
>gi|1037002600|ref|XP_017149606.1| PREDICTED: pupal cuticle protein G1A-like isoform X1 [Droso
>gi|1036968522|ref|XP_017147518.1| PREDICTED: sodium-dependent serotonin transporter isoform X
>gi|1036968540|ref|XP_017147519.1| PREDICTED: sodium-dependent serotonin transporter isoform X
>gi|1036968558|ref|XP_017147520.1| PREDICTED: sodium-dependent serotonin transporter isoform X
>gi|1036968576|ref|XP_017147521.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 7 [
>gi|1036968487|ref|XP_017147515.1| PREDICTED: serine/threonine-protein kinase 10 isoform X3 [Di
>gi|1036968504|ref|XP_017147516.1| PREDICTED: serine/threonine-protein kinase 10 isoform X4 [Di
>gi|1036968453|ref|XP_017147513.1| PREDICTED: serine/threonine-protein kinase 10 isoform X1 [Di
>gi|1036968469|ref|XP_017147514.1| PREDICTED: serine/threonine-protein kinase 10 isoform X2 [Di
>gi|1037020039|ref|XP_017150669.1| PREDICTED: muscarinic acetylcholine receptor DM1 [Drosophile
>gi|1036942367|ref|XP_017145964.1| PREDICTED: uncharacterized protein LOC108158242 [Drosophila
>gi|1037007057|ref|XP_017149878.1| PREDICTED: serum response factor homolog [Drosophila mirand
>gi|1036938279|ref|XP_017145715.1| PREDICTED: uncharacterized protein LOC108158078, partial [Di
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>gi|1037020186|ref|XP_017150677.1| PREDICTED: CCAAT/enhancer-binding protein [Drosophila miran-
>gi|1037008132|ref|XP_017149943.1| PREDICTED: tubulin beta-3 chain [Drosophila miranda]
>gi|1036998680|ref|XP_017149374.1| PREDICTED: long-chain fatty acid transport protein 4 isoform
>gi|1036998698|ref|XP_017149375.1| PREDICTED: long-chain fatty acid transport protein 4 isoform
>gi|1036998716|ref|XP 017149376.1| PREDICTED: long-chain fatty acid transport protein 4 isoform
>gi|1036998642|ref|XP_017149371.1| PREDICTED: protein CBFA2T3 isoform X1 [Drosophila miranda]
>gi|1036998664|ref|XP_017149372.1| PREDICTED: protein CBFA2T3 isoform X2 [Drosophila miranda]
>gi|1037008274|ref|XP_017149952.1| PREDICTED: sphingomyelin phosphodiesterase isoform X2 [Dros
>gi|1037008240|ref|XP_017149950.1| PREDICTED: sphingomyelin phosphodiesterase isoform X1 [Dros
>gi|1037008260|ref|XP_017149951.1| PREDICTED: sphingomyelin phosphodiesterase isoform X1 [Dros
>gi|1036945874|ref|XP_017146172.1| PREDICTED: gastrin/cholecystokinin type B receptor [Drosoph
>gi|1037019991|ref|XP_017150666.1| PREDICTED: uncharacterized protein LOC108160904 [Drosophila
>gi|1036936091|ref|XP_017145571.1| PREDICTED: uncharacterized protein LOC108157938 [Drosophila
>gi|1037022095|ref|XP_017150797.1| PREDICTED: uncharacterized protein LOC108161000 [Drosophila
>gi|1036963545|ref|XP_017147236.1| PREDICTED: lipase 3 [Drosophila miranda]
>gi|1036963515|ref|XP_017147233.1| PREDICTED: ubiquitin-protein ligase E3C [Drosophila miranda]
>gi|1036963537|ref|XP_017147234.1| PREDICTED: 7-methylguanosine phosphate-specific 5'-nucleotic
>gi|1036963424|ref|XP_017147228.1| PREDICTED: uncharacterized protein LOC108158933 isoform X1
>gi|1036963442|ref|XP_017147229.1| PREDICTED: uncharacterized protein LOC108158933 isoform X2
>gi|1036963458|ref|XP 017147230.1| PREDICTED: uncharacterized protein LOC108158933 isoform X3
>gi|1036963479|ref|XP_017147231.1| PREDICTED: uncharacterized protein LOC108158933 isoform X4
>gi|1036963496|ref|XP 017147232.1| PREDICTED: uncharacterized protein LOC108158933 isoform X4
>gi|1037005095|ref|XP_017149748.1| PREDICTED: H/ACA ribonucleoprotein complex subunit 4 [Droso
>gi|1037006305|ref|XP_017149829.1| PREDICTED: ras-like GTP-binding protein Rho1 [Drosophila mi
>gi|1037011721|ref|XP_017150149.1| PREDICTED: GTP-binding protein Rit2 [Drosophila miranda]
>gi|1037003713|ref|XP_017149673.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X1
>gi|1037003853|ref|XP_017149682.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X9
>gi|1037003817|ref|XP_017149680.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X7
>gi|1037003871|ref|XP_017149683.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X1
>gi|1037003799|ref|XP_017149679.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X6
>gi|1037003749|ref|XP_017149675.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X3
>gi|1037003767|ref|XP_017149676.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X4
>gi|1037003731|ref|XP_017149674.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X2
>gi|1037003783|ref|XP_017149677.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X5
>gi|1037003835|ref|XP_017149681.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X8
>gi|1037003999|ref|XP_017149689.1| PREDICTED: aspartyl/asparaginyl beta-hydroxylase isoform X1
>gi|1037003887|ref|XP_017149684.1| PREDICTED: aspartic and glutamic acid-rich protein isoform
>gi|1037003905|ref|XP_017149685.1| PREDICTED: aspartic and glutamic acid-rich protein isoform
>gi|1037003921|ref|XP_017149686.1| PREDICTED: aspartic and glutamic acid-rich protein isoform
>gi|1037003972|ref|XP_017149688.1| PREDICTED: FK506-binding protein 5 isoform X14 [Drosophila 1
>gi|1037003954|ref|XP_017149687.1| PREDICTED: probable serine/threonine-protein kinase kinX is
>gi|1036938296|ref|XP_017145717.1| PREDICTED: esterase 6-like [Drosophila miranda]
>gi|1037004084|ref|XP_017149694.1| PREDICTED: esterase-6-like [Drosophila miranda]
>gi|1037004038|ref|XP_017149690.1| PREDICTED: esterase E4 isoform X1 [Drosophila miranda]
>gi|1037004066|ref|XP_017149693.1| PREDICTED: esterase E4 isoform X1 [Drosophila miranda]
>gi|1037004054|ref|XP_017149691.1| PREDICTED: esterase E4 isoform X2 [Drosophila miranda]
>gi|1036938312|ref|XP_017145718.1| PREDICTED: uncharacterized protein LOC108158081 [Drosophila
>gi|1036995148|ref|XP_017149152.1| PREDICTED: protein spinster [Drosophila miranda]
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>gi|1037016578|ref|XP_017150443.1| PREDICTED: uncharacterized zinc finger protein CG12744 [Drop
>gi|1037016596|ref|XP_017150444.1| PREDICTED: uncharacterized zinc finger protein CG12744 [Drop
>gi|1036986841|ref|XP_017148650.1| PREDICTED: MAGUK p55 subfamily member 7 isoform X1 [Drosoph
>gi|1036986881|ref|XP_017148652.1| PREDICTED: MAGUK p55 subfamily member 7 isoform X3 [Drosoph
>gi|1036986860|ref|XP 017148651.1| PREDICTED: MAGUK p55 subfamily member 7 isoform X2 [Drosoph
>gi|1036986902|ref|XP_017148653.1| PREDICTED: MAGUK p55 subfamily member 7 isoform X4 [Drosoph
>gi|1036986920|ref|XP 017148654.1| PREDICTED: spermine oxidase [Drosophila miranda]
>gi|1036986942|ref|XP_017148655.1| PREDICTED: syntaxin-10 [Drosophila miranda]
>gi|1036941010|ref|XP_017145880.1| PREDICTED: phospholipid scramblase 3 isoform X1 [Drosophila
>gi|1036941028|ref|XP_017145881.1| PREDICTED: phospholipid scramblase 3 isoform X2 [Drosophila
>gi|1036962688|ref|XP_017147182.1| PREDICTED: uncharacterized protein LOC108158904 [Drosophila
>gi|1036962674|ref|XP_017147181.1| PREDICTED: uncharacterized protein LOC108158903 [Drosophila
>gi|1036962562|ref|XP_017147175.1| PREDICTED: uncharacterized zinc finger protein CG2678 [Dros
>gi|1036962642|ref|XP_017147179.1| PREDICTED: uncharacterized protein LOC108158902 [Drosophila
>gi|1036962618|ref|XP_017147178.1| PREDICTED: sex peptide receptor [Drosophila miranda]
>gi|1036962582|ref|XP_017147176.1| PREDICTED: Bardet-Biedl syndrome 4 protein homolog [Drosoph
>gi|1036962600|ref|XP_017147177.1| PREDICTED: Bardet-Biedl syndrome 4 protein homolog [Drosoph
>gi|1037020422|ref|XP_017150692.1| PREDICTED: probable cytochrome P450 12d1 proximal, mitochon
>gi|1037020438|ref|XP_017150693.1| PREDICTED: probable cytochrome P450 12d1 proximal, mitochon
>gi|1036996567|ref|XP_017149241.1| PREDICTED: Krueppel-like factor 7 [Drosophila miranda]
>gi|1036996585|ref|XP_017149242.1| PREDICTED: uncharacterized protein LOC108160018 [Drosophila
>gi|1037019650|ref|XP 017150642.1| PREDICTED: leukocyte elastase inhibitor [Drosophila miranda]
>gi|1036941183|ref|XP_017145891.1| PREDICTED: general odorant-binding protein 56a [Drosophila i
>gi|1036943216|ref|XP_017146017.1| PREDICTED: proton-coupled amino acid transporter 4 isoform
>gi|1036943234|ref|XP_017146019.1| PREDICTED: proton-coupled amino acid transporter 4 isoform
>gi|1036943250|ref|XP_017146020.1| PREDICTED: uncharacterized protein LOC108158292 isoform X3
>gi|1036995176|ref|XP_017149153.1| PREDICTED: ATP-citrate synthase isoform X1 [Drosophila mirates
>gi|1036995192|ref|XP_017149155.1| PREDICTED: ATP-citrate synthase isoform X1 [Drosophila mirated
>gi|1036995209|ref|XP_017149156.1| PREDICTED: ATP-citrate synthase isoform X1 [Drosophila mirates
>gi|1036995224|ref|XP_017149157.1| PREDICTED: ATP-citrate synthase isoform X2 [Drosophila mirated synthase synthase isoform X2 [Drosophila mirated synthase synthas
>gi|1036995241|ref|XP_017149158.1| PREDICTED: ATP-citrate synthase isoform X3 [Drosophila mirated)
>gi|1036995275|ref|XP_017149160.1| PREDICTED: transmembrane protein 208 isoform X2 [Drosophila
>gi|1036995258|ref|XP_017149159.1| PREDICTED: transmembrane protein 208 isoform X1 [Drosophila
>gi|1036962878|ref|XP_017147193.1| PREDICTED: peroxisomal membrane protein 11B [Drosophila mire
>gi|1036962836|ref|XP 017147191.1| PREDICTED: palmitoyltransferase ZDHHC3 [Drosophila miranda]
>gi|1036962706|ref|XP_017147183.1| PREDICTED: muscle M-line assembly protein unc-89 isoform X1
>gi|1036962726|ref|XP 017147184.1| PREDICTED: muscle M-line assembly protein unc-89 isoform X2
>gi|1036962743|ref|XP_017147185.1| PREDICTED: muscle M-line assembly protein unc-89 isoform X3
>gi|1036962818|ref|XP_017147190.1| PREDICTED: uncharacterized protein LOC108158907 [Drosophila
>gi|1036962762|ref|XP_017147186.1| PREDICTED: myosin light chain kinase, smooth muscle isoform
>gi|1036962780|ref|XP_017147187.1| PREDICTED: myosin light chain kinase, smooth muscle isoform
>gi|1036962800|ref|XP_017147188.1| PREDICTED: probable cytochrome P450 4aa1 [Drosophila mirand
>gi|1036962860|ref|XP_017147192.1| PREDICTED: trypsin alpha-3 [Drosophila miranda]
>gi|1036996022|ref|XP_017149206.1| PREDICTED: serrate RNA effector molecule homolog isoform X2
>gi|1036996004|ref|XP_017149205.1| PREDICTED: serrate RNA effector molecule homolog isoform X1
>gi|1036996040|ref|XP_017149207.1| PREDICTED: serrate RNA effector molecule homolog isoform X3
>gi|1037009014|ref|XP_017149995.1| PREDICTED: protein msta [Drosophila miranda]
>gi|1037009026|ref|XP_017149996.1| PREDICTED: probable tRNA pseudouridine synthase 2 [Drosophi
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>gi|1037007571|ref|XP_017149908.1| PREDICTED: uncharacterized protein LOC108160420 isoform X1
>gi|1037007589|ref|XP_017149909.1| PREDICTED: uncharacterized protein LOC108160420 isoform X2
>gi|1037007603|ref|XP_017149910.1| PREDICTED: integumentary mucin C.1-like [Drosophila miranda]
>gi|1037007625|ref|XP_017149911.1| PREDICTED: integumentary mucin C.1-like [Drosophila miranda]
>gi|1037007640|ref|XP 017149912.1| PREDICTED: integumentary mucin C.1-like [Drosophila miranda]
>gi|1037007553|ref|XP_017149907.1| PREDICTED: WD repeat-containing protein 74 [Drosophila mirated
>gi|1036938330|ref|XP 017145719.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
>gi|1036938348|ref|XP_017145720.1| PREDICTED: neuropeptide CCHamide-2 receptor [Drosophila mire
>gi|1037022411|ref|XP_017150816.1| PREDICTED: putative uncharacterized protein DDB_G0290521 [Di
>gi|1036943773|ref|XP_017146051.1| PREDICTED: uncharacterized protein LOC108158322 [Drosophila
>gi|1037021990|ref|XP_017150791.1| PREDICTED: pro-resilin isoform X2 [Drosophila miranda]
>gi|1037021977|ref|XP_017150789.1| PREDICTED: pro-resilin isoform X1 [Drosophila miranda]
>gi|1036944852|ref|XP_017146112.1| PREDICTED: vitamin K epoxide reductase complex subunit 1 [Di
>gi|1036983866|ref|XP_017148467.1| PREDICTED: LOW QUALITY PROTEIN: actin [Drosophila miranda]
>gi|1036983901|ref|XP_017148469.1| PREDICTED: superoxide dismutase [Mn], mitochondrial isoform
>gi|1036983884|ref|XP_017148468.1| PREDICTED: superoxide dismutase [Mn], mitochondrial isoform
>gi|1036984013|ref|XP_017148476.1| PREDICTED: uncharacterized protein LOC108159559 [Drosophila
>gi|1036983597|ref|XP_017148449.1| PREDICTED: kinesin-like protein unc-104 isoform X1 [Drosoph
>gi|1036983615|ref|XP_017148450.1| PREDICTED: kinesin-like protein unc-104 isoform X1 [Drosoph
>gi|1036983638|ref|XP 017148451.1| PREDICTED: kinesin-like protein unc-104 isoform X2 [Drosoph
>gi|1036983724|ref|XP_017148456.1| PREDICTED: kinesin-like protein unc-104 isoform X7 [Drosoph
>gi|1036983652|ref|XP 017148452.1| PREDICTED: kinesin-like protein unc-104 isoform X3 [Drosoph
>gi|1036983706|ref|XP_017148455.1| PREDICTED: kinesin-like protein unc-104 isoform X6 [Drosoph
>gi|1036983666|ref|XP_017148453.1| PREDICTED: kinesin-like protein unc-104 isoform X4 [Drosoph
>gi|1036983766|ref|XP_017148460.1| PREDICTED: kinesin-like protein unc-104 isoform X10 [Drosop
>gi|1036983740|ref|XP_017148457.1| PREDICTED: kinesin-like protein unc-104 isoform X8 [Drosoph
>gi|1036983822|ref|XP_017148464.1| PREDICTED: kinesin-like protein unc-104 isoform X14 [Drosop
>gi|1036983690|ref|XP_017148454.1| PREDICTED: kinesin-like protein unc-104 isoform X5 [Drosoph
>gi|1036983778|ref|XP_017148461.1| PREDICTED: kinesin-like protein unc-104 isoform X11 [Drosop
>gi|1036983806|ref|XP_017148463.1| PREDICTED: kinesin-like protein unc-104 isoform X13 [Drosop
>gi|1036983792|ref|XP_017148462.1| PREDICTED: kinesin-like protein unc-104 isoform X12 [Drosop
>gi|1036983752|ref|XP_017148458.1| PREDICTED: kinesin-like protein unc-104 isoform X9 [Drosoph
>gi|1036983838|ref|XP_017148465.1| PREDICTED: kinesin-like protein unc-104 isoform X15 [Drosop
>gi|1036983852|ref|XP_017148466.1| PREDICTED: kinesin-like protein unc-104 isoform X16 [Drosop
>gi|1036983995|ref|XP 017148475.1| PREDICTED: uncharacterized protein LOC108159558 [Drosophila
>gi|1036983919|ref|XP_017148470.1| PREDICTED: uncharacterized protein LOC108159555 [Drosophila
>gi|1036983937|ref|XP_017148471.1| PREDICTED: uncharacterized protein LOC108159556 isoform X1
>gi|1036983955|ref|XP_017148472.1| PREDICTED: uncharacterized protein LOC108159556 isoform X2
>gi|1036983975|ref|XP_017148474.1| PREDICTED: accessory gland protein Acp53Ea-like [Drosophila
>gi|1036985371|ref|XP_017148560.1| PREDICTED: uncharacterized protein LOC108159616 [Drosophila
>gi|1036985391|ref|XP_017148561.1| PREDICTED: accessory gland protein Acp53Ea [Drosophila mirated
>gi|1036985341|ref|XP_017148557.1| PREDICTED: uncharacterized protein LOC108159614 [Drosophila
>gi|1036985359|ref|XP_017148559.1| PREDICTED: uncharacterized protein LOC108159615 [Drosophila
>gi|1036985300|ref|XP_017148554.1| PREDICTED: putative polypeptide N-acetylgalactosaminyltrans
>gi|1036985316|ref|XP_017148555.1| PREDICTED: putative polypeptide N-acetylgalactosaminyltrans
>gi|1036985330|ref|XP_017148556.1| PREDICTED: chitinase-like protein CG5210 [Drosophila mirand
>gi|1036938366|ref|XP_017145721.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1037010506|ref|XP_017150082.1| PREDICTED: cilia- and flagella-associated protein 161 [Dros
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>gi|1037010534|ref|XP_017150084.1| PREDICTED: putative inorganic phosphate cotransporter isoform
>gi|1037010520|ref|XP_017150083.1| PREDICTED: putative inorganic phosphate cotransporter isoform
>gi|1036944204|ref|XP_017146077.1| PREDICTED: LOW QUALITY PROTEIN: sodium channel protein Nach
>gi|1037013907|ref|XP_017150285.1| PREDICTED: alpha-amylase-related protein [Drosophila mirand
>gi|1037013957|ref|XP 017150289.1| PREDICTED: serine-enriched protein isoform X3 [Drosophila m
>gi|1037013921|ref|XP_017150286.1| PREDICTED: serine-enriched protein isoform X1 [Drosophila m
>gi|1037013941|ref|XP 017150287.1| PREDICTED: serine-enriched protein isoform X2 [Drosophila m
>gi|1037010452|ref|XP_017150079.1| PREDICTED: ALK tyrosine kinase receptor [Drosophila miranda]
>gi|1037010470|ref|XP_017150080.1| PREDICTED: ALK tyrosine kinase receptor [Drosophila miranda
>gi|1037010488|ref|XP_017150081.1| PREDICTED: ALK tyrosine kinase receptor [Drosophila miranda]
>gi|1036986161|ref|XP_017148612.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1036986177|ref|XP_017148613.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1036986193|ref|XP_017148614.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1036986274|ref|XP_017148620.1| PREDICTED: uncharacterized protein LOC108159657 [Drosophila
>gi|1036986209|ref|XP_017148615.1| PREDICTED: putative fatty acyl-CoA reductase CG8303 isoform
>gi|1036986239|ref|XP_017148618.1| PREDICTED: putative fatty acyl-CoA reductase CG8303 isoform
>gi|1036986221|ref|XP_017148617.1| PREDICTED: putative fatty acyl-CoA reductase CG8303 isoform
>gi|1036986257|ref|XP_017148619.1| PREDICTED: putative fatty acyl-CoA reductase CG8306 [Drosop
>gi|1037003111|ref|XP_017149633.1| PREDICTED: LOW QUALITY PROTEIN: putative uncharacterized pro-
>gi|1036998371|ref|XP 017149354.1| PREDICTED: uncharacterized protein LOC108160088 [Drosophila
>gi|1036998387|ref|XP_017149355.1| PREDICTED: uncharacterized protein LOC108160088 [Drosophila
>gi|1036998317|ref|XP 017149351.1| PREDICTED: endophilin-B1 isoform X2 [Drosophila miranda]
>gi|1036998353|ref|XP_017149353.1| PREDICTED: endophilin-B1 isoform X4 [Drosophila miranda]
>gi|1036998297|ref|XP_017149350.1| PREDICTED: endophilin-B1 isoform X1 [Drosophila miranda]
>gi|1036998335|ref|XP_017149352.1| PREDICTED: endophilin-B1 isoform X3 [Drosophila miranda]
>gi|1036984315|ref|XP_017148493.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036984391|ref|XP_017148498.1| PREDICTED: uncharacterized protein LOC108159569 [Drosophila
>gi|1036984409|ref|XP_017148499.1| PREDICTED: uncharacterized protein LOC108159569 [Drosophila
>gi|1036984425|ref|XP_017148500.1| PREDICTED: uncharacterized protein LOC108159570 isoform X1
>gi|1036984445|ref|XP_017148501.1| PREDICTED: uncharacterized protein LOC108159570 isoform X2
>gi|1036984333|ref|XP_017148495.1| PREDICTED: F-box only protein 42 isoform X1 [Drosophila mire
>gi|1036984351|ref|XP_017148496.1| PREDICTED: F-box only protein 42 isoform X2 [Drosophila mire
>gi|1036984371|ref|XP_017148497.1| PREDICTED: F-box only protein 42 isoform X2 [Drosophila mire
>gi|1036997427|ref|XP_017149293.1| PREDICTED: tRNA pseudouridine(38/39) synthase [Drosophila m
>gi|1036997410|ref|XP 017149292.1| PREDICTED: uncharacterized protein LOC108160056 isoform X2
>gi|1036997372|ref|XP_017149290.1| PREDICTED: uncharacterized protein LOC108160056 isoform X1
>gi|1036997394|ref|XP_017149291.1| PREDICTED: uncharacterized protein LOC108160056 isoform X1
>gi|1036997463|ref|XP_017149295.1| PREDICTED: uncharacterized protein LOC108160060 [Drosophila
>gi|1036997445|ref|XP_017149294.1| PREDICTED: stress response protein NST1 [Drosophila miranda]
>gi|1036997483|ref|XP_017149296.1| PREDICTED: ribonuclease kappa [Drosophila miranda]
>gi|1036938382|ref|XP_017145722.1| PREDICTED: LOW QUALITY PROTEIN: cuticle protein 16.5 [Droso
>gi|1036997176|ref|XP_017149279.1| PREDICTED: neuronal acetylcholine receptor subunit beta-3 [
>gi|1036997158|ref|XP_017149278.1| PREDICTED: golgin subfamily A member 2 [Drosophila miranda]
>gi|1036997194|ref|XP_017149280.1| PREDICTED: shugoshin [Drosophila miranda]
>gi|1036982354|ref|XP_017148375.1| PREDICTED: microfibril-associated glycoprotein 4 [Drosophile
>gi|1036982372|ref|XP_017148377.1| PREDICTED: ficolin-1 [Drosophila miranda]
>gi|1036982304|ref|XP_017148372.1| PREDICTED: WAS/WASL-interacting protein family member 1 iso
>gi|1036982251|ref|XP_017148368.1| PREDICTED: verprolin isoform X1 [Drosophila miranda]
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>gi|1036982266|ref|XP_017148369.1| PREDICTED: verprolin isoform X1 [Drosophila miranda]
>gi|1036982286|ref|XP_017148370.1| PREDICTED: verprolin isoform X2 [Drosophila miranda]
>gi|1036982334|ref|XP_017148374.1| PREDICTED: pleckstrin homology domain-containing family M m
>gi|1036982320|ref|XP_017148373.1| PREDICTED: uncharacterized protein KIAA0226-like isoform X1
>gi|1036995455|ref|XP 017149171.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1036995489|ref|XP_017149174.1| PREDICTED: cell surface glycoprotein 1 isoform X3 [Drosophi
>gi|1036995473|ref|XP 017149172.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1036995503|ref|XP_017149175.1| PREDICTED: probable peroxisomal acyl-coenzyme A oxidase 1 [
>gi|1037002127|ref|XP_017149580.1| PREDICTED: uncharacterized protein LOC108160234 [Drosophila
>gi|1037002075|ref|XP_017149575.1| PREDICTED: probable peroxisomal acyl-coenzyme A oxidase 1 [
>gi|1037002093|ref|XP_017149576.1| PREDICTED: selenocysteine-specific elongation factor isoform
>gi|1037002109|ref|XP 017149579.1| PREDICTED: selenocysteine-specific elongation factor isoform
>gi|1037002145|ref|XP_017149581.1| PREDICTED: TM2 domain-containing protein CG10795 [Drosophile
>gi|1036999918|ref|XP_017149443.1| PREDICTED: BMP-binding endothelial regulator protein [Droso
>gi|1036999936|ref|XP_017149444.1| PREDICTED: BMP-binding endothelial regulator protein [Droso
>gi|1036999952|ref|XP 017149445.1| PREDICTED: BMP-binding endothelial regulator protein [Droso
>gi|1036999970|ref|XP_017149446.1| PREDICTED: BMP-binding endothelial regulator protein [Droso
>gi|1036941942|ref|XP 017145937.1| PREDICTED: venom allergen 3 isoform X1 [Drosophila miranda]
>gi|1036941957|ref|XP_017145938.1| PREDICTED: venom allergen 3 isoform X2 [Drosophila miranda]
>gi|1036941987|ref|XP 017145940.1| PREDICTED: venom allergen 5 isoform X4 [Drosophila miranda]
>gi|1036941974|ref|XP_017145939.1| PREDICTED: venom allergen 5 isoform X3 [Drosophila miranda]
>gi|1036943386|ref|XP 017146028.1| PREDICTED: venom allergen 5 [Drosophila miranda]
>gi|1036962062|ref|XP_017147144.1| PREDICTED: protein PTHB1 [Drosophila miranda]
>gi|1036962078|ref|XP_017147145.1| PREDICTED: protein PTHB1 [Drosophila miranda]
>gi|1036962096|ref|XP_017147146.1| PREDICTED: glycerol-3-phosphate dehydrogenase, mitochondria
>gi|1036962116|ref|XP_017147147.1| PREDICTED: glycerol-3-phosphate dehydrogenase, mitochondria
>gi|1036962134|ref|XP 017147148.1| PREDICTED: uncharacterized protein LOC108158884 [Drosophila
>gi|1036962171|ref|XP_017147150.1| PREDICTED: protein N-terminal glutamine amidohydrolase [Dros
>gi|1036962153|ref|XP_017147149.1| PREDICTED: facilitated trehalose transporter Tret1 [Drosoph
>gi|1036962187|ref|XP_017147151.1| PREDICTED: paired box pox-neuro protein [Drosophila miranda]
>gi|1036962044|ref|XP_017147143.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X16 [Dros
>gi|1036961812|ref|XP_017147128.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X2 [Dros
>gi|1036961998|ref|XP 017147139.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X13 [Dro
>gi|1036961883|ref|XP_017147132.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X6 [Dros
>gi|1036962014|ref|XP 017147140.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X14 [Dro
>gi|1036961940|ref|XP_017147136.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X10 [Dros
>gi|1036961761|ref|XP 017147124.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X1 [Dros-
>gi|1036961779|ref|XP_017147126.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X1 [Dros
>gi|1036961797|ref|XP_017147127.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X1 [Dros
>gi|1036961896|ref|XP_017147133.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X7 [Dros
>gi|1036961958|ref|XP_017147137.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X11 [Drop
>gi|1036961923|ref|XP 017147135.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X9 [Dros
>gi|1036961851|ref|XP_017147130.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X4 [Dros
>gi|1036961976|ref|XP 017147138.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X12 [Dro
>gi|1036961866|ref|XP_017147131.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X5 [Dros
>gi|1036962028|ref|XP 017147142.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X15 [Dro
>gi|1036961827|ref|XP_017147129.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X3 [Dros
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>gi|1036961912|ref|XP 017147134.1| PREDICTED: PDZ and LIM domain protein Zasp isoform X8 [Dros

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>gi|1037001980|ref|XP_017149571.1| PREDICTED: ataxin-2 homolog isoform X2 [Drosophila miranda]
>gi|1037001957|ref|XP_017149570.1| PREDICTED: ataxin-2 homolog isoform X1 [Drosophila miranda]
>gi|1037008792|ref|XP_017149980.1| PREDICTED: venom protease-like [Drosophila miranda]
>gi|1037008846|ref|XP_017149984.1| PREDICTED: uncharacterized protein LOC108160475 [Drosophila
>gi|1037008750|ref|XP 017149978.1| PREDICTED: venom protease-like isoform X2 [Drosophila miran
>gi|1037008732|ref|XP_017149977.1| PREDICTED: serine protease easter-like isoform X1 [Drosophi
>gi|1037008772|ref|XP_017149979.1| PREDICTED: serine protease easter-like isoform X3 [Drosophi
>gi|1037008864|ref|XP_017149985.1| PREDICTED: uncharacterized protein LOC108160476 [Drosophila
>gi|1037008826|ref|XP_017149983.1| PREDICTED: serine protease 44-like [Drosophila miranda]
>gi|1037008810|ref|XP_017149982.1| PREDICTED: chymotrypsin-like protease CTRL-1 [Drosophila mi
>gi|1036963745|ref|XP_017147247.1| PREDICTED: protein Cep89 homolog isoform X1 [Drosophila mire
>gi|1036963763|ref|XP 017147248.1| PREDICTED: protein Cep89 homolog isoform X2 [Drosophila mire
>gi|1036938399|ref|XP_017145723.1| PREDICTED: importin-11 [Drosophila miranda]
>gi|1036963817|ref|XP_017147251.1| PREDICTED: uncharacterized protein LOC108158942 [Drosophila
>gi|1036963801|ref|XP_017147250.1| PREDICTED: V-type proton ATPase subunit F 1 [Drosophila mire
>gi|1036963783|ref|XP_017147249.1| PREDICTED: mannose-1-phosphate guanyltransferase alpha [Dros
>gi|1036963610|ref|XP_017147240.1| PREDICTED: RNA-binding protein fusilli isoform X3 [Drosophi
>gi|1036963651|ref|XP_017147241.1| PREDICTED: RNA-binding protein fusilli isoform X4 [Drosophi
>gi|1036963557|ref|XP_017147237.1| PREDICTED: RNA-binding protein fusilli isoform X1 [Drosophi
>gi|1036963575|ref|XP_017147238.1| PREDICTED: RNA-binding protein fusilli isoform X1 [Drosophi
>gi|1036963588|ref|XP_017147239.1| PREDICTED: RNA-binding protein fusilli isoform X2 [Drosophi
>gi|1036963673|ref|XP_017147242.1| PREDICTED: RNA-binding protein fusilli isoform X5 [Drosophi
>gi|1036963689|ref|XP_017147243.1| PREDICTED: RNA-binding protein fusilli isoform X6 [Drosophi
>gi|1036963707|ref|XP_017147244.1| PREDICTED: RNA-binding protein fusilli isoform X6 [Drosophi
>gi|1036963727|ref|XP_017147246.1| PREDICTED: RNA-binding protein fusilli isoform X6 [Drosophi
>gi|1037016446|ref|XP_017150435.1| PREDICTED: uncharacterized protein LOC108160751 isoform X3
>gi|1037016383|ref|XP_017150433.1| PREDICTED: uncharacterized protein LOC108160751 isoform X1
>gi|1037016479|ref|XP_017150437.1| PREDICTED: uncharacterized protein LOC108160751 isoform X5
>gi|1037016428|ref|XP_017150434.1| PREDICTED: uncharacterized protein LOC108160751 isoform X2
>gi|1037016463|ref|XP_017150436.1| PREDICTED: uncharacterized protein LOC108160751 isoform X4
>gi|1036997058|ref|XP_017149271.1| PREDICTED: zinc finger HIT domain-containing protein 3 [Dros
>gi|1036996961|ref|XP_017149265.1| PREDICTED: beta-glucuronidase [Drosophila miranda]
>gi|1036996978|ref|XP_017149266.1| PREDICTED: beta-glucuronidase isoform X1 [Drosophila mirand
>gi|1036996996|ref|XP_017149267.1| PREDICTED: beta-glucuronidase isoform X2 [Drosophila mirand
>gi|1036997012|ref|XP_017149268.1| PREDICTED: beta-glucuronidase isoform X3 [Drosophila mirand
>gi|1036997030|ref|XP_017149269.1| PREDICTED: beta-glucuronidase isoform X4 [Drosophila mirand
>gi|1036997046|ref|XP 017149270.1| PREDICTED: beta-glucuronidase isoform X4 [Drosophila mirand
>gi|1036999425|ref|XP_017149416.1| PREDICTED: LOW QUALITY PROTEIN: exostosin-3 [Drosophila mire
>gi|1036999441|ref|XP_017149417.1| PREDICTED: ankyrin repeat domain-containing protein 13D [Dr
>gi|1037011703|ref|XP_017150148.1| PREDICTED: monoacylglycerol lipase ABHD12 isoform X2 [Droso
>gi|1037011669|ref|XP_017150146.1| PREDICTED: monoacylglycerol lipase ABHD12 isoform X1 [Droso
>gi|1037011685|ref|XP_017150147.1| PREDICTED: monoacylglycerol lipase ABHD12 isoform X1 [Droso
>gi|1037005285|ref|XP_017149760.1| PREDICTED: LOW QUALITY PROTEIN: kinesin-like protein Klp61F
>gi|1037005213|ref|XP_017149755.1| PREDICTED: uncharacterized protein LOC108160335 isoform X2
>gi|1037005195|ref|XP_017149754.1| PREDICTED: uncharacterized protein LOC108160335 isoform X1
>gi|1037005231|ref|XP_017149756.1| PREDICTED: uncharacterized protein LOC108160335 isoform X3
>gi|1037005249|ref|XP_017149757.1| PREDICTED: uncharacterized protein LOC108160335 isoform X4
>gi|1037005267|ref|XP_017149759.1| PREDICTED: uncharacterized protein LOC108160335 isoform X4
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>gi|1036903214|ref|XP_017153651.1| PREDICTED: monocarboxylate transporter 13 [Drosophila miran-
>gi|1036903232|ref|XP_017153652.1| PREDICTED: uncharacterized protein LOC108163084 isoform X1
>gi|1036903248|ref|XP_017153653.1| PREDICTED: uncharacterized protein LOC108163084 isoform X2
>gi|1036919864|ref|XP_017154580.1| PREDICTED: guanine nucleotide-binding protein subunit alpha
>gi|1036885326|ref|XP_017152653.1| PREDICTED: congested-like trachea protein isoform X2 [Droso
>gi|1036885273|ref|XP_017152650.1| PREDICTED: congested-like trachea protein isoform X1 [Droso
>gi|1036885292|ref|XP_017152651.1| PREDICTED: congested-like trachea protein isoform X1 [Droso
>gi|1036885309|ref|XP_017152652.1| PREDICTED: congested-like trachea protein isoform X1 [Droso
>gi|1036885254|ref|XP_017152649.1| PREDICTED: platelet glycoprotein V-like [Drosophila miranda]
>gi|1036885119|ref|XP_017152641.1| PREDICTED: meiosis arrest female protein 1 [Drosophila mirates
>gi|1036885195|ref|XP_017152645.1| PREDICTED: scavenger receptor class B member 1 isoform X4 [
>gi|1036885176|ref|XP 017152644.1| PREDICTED: scavenger receptor class B member 1 isoform X3 [
>gi|1036885138|ref|XP_017152642.1| PREDICTED: scavenger receptor class B member 1 isoform X1 [
>gi|1036885157|ref|XP_017152643.1| PREDICTED: scavenger receptor class B member 1 isoform X2 [
>gi|1036885214|ref|XP_017152646.1| PREDICTED: scavenger receptor class B member 1 isoform X5 [
>gi|1036885233|ref|XP_017152648.1| PREDICTED: scavenger receptor class B member 1 isoform X5 [
>gi|1036869955|ref|XP_017151802.1| PREDICTED: carnitine O-acetyltransferase-like isoform X1 [D:
>gi|1036869974|ref|XP 017151803.1| PREDICTED: carnitine O-acetyltransferase-like isoform X2 [Di
>gi|1036869993|ref|XP_017151804.1| PREDICTED: carnitine O-acetyltransferase-like isoform X3 [Di
>gi|1036870011|ref|XP 017151805.1| PREDICTED: carnitine O-acetyltransferase-like isoform X3 [Di
>gi|1036870030|ref|XP_017151806.1| PREDICTED: carnitine O-acetyltransferase-like isoform X3 [Di
>gi|1036870379|ref|XP 017151827.1| PREDICTED: uncharacterized protein LOC108161922 [Drosophila
>gi|1036870068|ref|XP_017151809.1| PREDICTED: kelch-like protein 10 isoform X2 [Drosophila mire
>gi|1036870049|ref|XP_017151807.1| PREDICTED: kelch-like protein 10 isoform X1 [Drosophila mire
>gi|1036870342|ref|XP_017151825.1| PREDICTED: glycoprotein hormone beta-5 [Drosophila miranda]
>gi|1036870305|ref|XP_017151823.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036870324|ref|XP_017151824.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036870215|ref|XP_017151817.1| PREDICTED: uncharacterized protein YJR142W isoform X1 [Dros
>gi|1036870234|ref|XP_017151818.1| PREDICTED: uncharacterized protein YJR142W isoform X2 [Dros
>gi|1036870253|ref|XP_017151819.1| PREDICTED: uncharacterized protein YJR142W isoform X3 [Dros
>gi|1036870360|ref|XP_017151826.1| PREDICTED: 60S ribosomal protein L21 [Drosophila miranda]
>gi|1036870179|ref|XP_017151815.1| PREDICTED: zinc finger protein 28-like isoform X1 [Drosophi
>gi|1036870197|ref|XP 017151816.1| PREDICTED: zinc finger and SCAN domain-containing protein 3
>gi|1036870160|ref|XP_017151814.1| PREDICTED: RNA polymerase I-specific transcription initiation
>gi|1036870288|ref|XP 017151822.1| PREDICTED: deoxynucleotidyltransferase terminal-interacting
>gi|1036870270|ref|XP_017151820.1| PREDICTED: iron-sulfur protein NUBPL [Drosophila miranda]
>gi|1036870087|ref|XP_017151810.1| PREDICTED: uncharacterized protein LOC108161912 isoform X1
>gi|1036870123|ref|XP_017151812.1| PREDICTED: uncharacterized protein LOC108161912 isoform X3
>gi|1036870104|ref|XP_017151811.1| PREDICTED: uncharacterized protein LOC108161912 isoform X2
>gi|1036870142|ref|XP_017151813.1| PREDICTED: uncharacterized protein LOC108161912 isoform X4
>gi|1036884301|ref|XP_017152596.1| PREDICTED: 60S ribosomal protein L5 [Drosophila miranda]
>gi|1036884215|ref|XP_017152590.1| PREDICTED: vacuolar protein sorting-associated protein 41 h
>gi|1036884284|ref|XP_017152595.1| PREDICTED: beta-1,3-galactosyltransferase 6 [Drosophila mire
>gi|1036884332|ref|XP_017152597.1| PREDICTED: uncharacterized protein LOC108162391 [Drosophila
>gi|1036884232|ref|XP_017152592.1| PREDICTED: serine/threonine-protein kinase GA29083 isoform
>gi|1036884249|ref|XP_017152593.1| PREDICTED: serine/threonine-protein kinase GA29083 isoform
>gi|1036884267|ref|XP_017152594.1| PREDICTED: serine/threonine-protein kinase GA29083 isoform
>gi|1036902006|ref|XP_017153588.1| PREDICTED: LOW QUALITY PROTEIN: sarcolemmal membrane-associations and salar sarcolemmal membrane-associations are salar s
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>gi|1036901950|ref|XP_017153583.1| PREDICTED: splicing factor 45 [Drosophila miranda]
>gi|1036901968|ref|XP_017153586.1| PREDICTED: splicing factor 45 [Drosophila miranda]
>gi|1036901988|ref|XP_017153587.1| PREDICTED: splicing factor 45 [Drosophila miranda]
>gi|1036886106|ref|XP_017152692.1| PREDICTED: protein-associating with the carboxyl-terminal d
>gi|1036886087|ref|XP 017152691.1| PREDICTED: CCR4-NOT transcription complex subunit 3 [Drosop
>gi|1036886159|ref|XP_017152696.1| PREDICTED: transmembrane protein 53 [Drosophila miranda]
>gi|1036886142|ref|XP 017152694.1| PREDICTED: probable cytosolic Fe-S cluster assembly factor
>gi|1036886125|ref|XP_017152693.1| PREDICTED: probable cytosolic Fe-S cluster assembly factor
>gi|1036907210|ref|XP_017153880.1| PREDICTED: uncharacterized protein LOC108163233 [Drosophila
>gi|1036907188|ref|XP_017153879.1| PREDICTED: insulin receptor [Drosophila miranda]
>gi|1036915995|ref|XP_017154363.1| PREDICTED: LOW QUALITY PROTEIN: chymotrypsin-like protease
>gi|1036915977|ref|XP_017154362.1| PREDICTED: LOW QUALITY PROTEIN: LIM/homeobox protein Lhx3 [
>gi|1036916031|ref|XP_017154366.1| PREDICTED: uncharacterized protein LOC108163528 [Drosophila
>gi|1036916013|ref|XP_017154365.1| PREDICTED: alpha-methyldopa hypersensitive protein-like [Dref|XP_017154365.1]
>gi|1036852664|ref|XP_017150835.1| PREDICTED: LOW QUALITY PROTEIN: alpha-methyldopa hypersensi
>gi|1036857818|ref|XP_017151145.1| PREDICTED: uncharacterized protein LOC108161405 [Drosophila
>gi|1036909147|ref|XP_017153979.1| PREDICTED: protein anon-37Cs [Drosophila miranda]
>gi|1036909165|ref|XP 017153980.1| PREDICTED: aromatic-L-amino-acid decarboxylase [Drosophila 1
>gi|1036909183|ref|XP_017153981.1| PREDICTED: aromatic-L-amino-acid decarboxylase [Drosophila i
>gi|1036926394|ref|XP 017154951.1| PREDICTED: protein 1(2)37Cc [Drosophila miranda]
>gi|1036870554|ref|XP_017151837.1| PREDICTED: putative pre-mRNA-splicing factor ATP-dependent
>gi|1036870589|ref|XP 017151839.1| PREDICTED: general transcription factor 3C polypeptide 5 [Di
>gi|1036870571|ref|XP_017151838.1| PREDICTED: asparagine--tRNA ligase, cytoplasmic [Drosophila
>gi|1036870607|ref|XP 017151840.1| PREDICTED: dynactin subunit 6 [Drosophila miranda]
>gi|1036870626|ref|XP_017151841.1| PREDICTED: probable DNA-directed RNA polymerases I and III
>gi|1036870399|ref|XP_017151828.1| PREDICTED: brain tumor protein [Drosophila miranda]
>gi|1036870417|ref|XP_017151830.1| PREDICTED: brain tumor protein [Drosophila miranda]
>gi|1036870441|ref|XP_017151831.1| PREDICTED: brain tumor protein [Drosophila miranda]
>gi|1036870460|ref|XP_017151832.1| PREDICTED: brain tumor protein [Drosophila miranda]
>gi|1036870480|ref|XP_017151833.1| PREDICTED: brain tumor protein [Drosophila miranda]
>gi|1036870501|ref|XP_017151834.1| PREDICTED: brain tumor protein [Drosophila miranda]
>gi|1036870517|ref|XP_017151835.1| PREDICTED: brain tumor protein [Drosophila miranda]
>gi|1036870535|ref|XP_017151836.1| PREDICTED: brain tumor protein [Drosophila miranda]
>gi|1036928539|ref|XP_017155068.1| PREDICTED: keratin-associated protein 5-4-like [Drosophila in the contemp of the contemp of
>gi|1036928519|ref|XP 017155067.1| PREDICTED: uncharacterized protein LOC108164004 [Drosophila
>gi|1036921072|ref|XP_017154654.1| PREDICTED: separin-like [Drosophila miranda]
>gi|1036904091|ref|XP 017153703.1| PREDICTED: keratin-associated protein 5-4 [Drosophila miran
>gi|1036904109|ref|XP_017153704.1| PREDICTED: LOW QUALITY PROTEIN: tubulin gamma-2 chain [Dros
>gi|1036904056|ref|XP_017153700.1| PREDICTED: protein pigeon isoform X1 [Drosophila miranda]
>gi|1036904074|ref|XP_017153702.1| PREDICTED: protein pigeon isoform X2 [Drosophila miranda]
>gi|1036912406|ref|XP_017154150.1| PREDICTED: LOW QUALITY PROTEIN: tyrosine-protein kinase Drl
>gi|1036935463|ref|XP_017155444.1| PREDICTED: uncharacterized protein LOC108164306 [Drosophila
>gi|1036859258|ref|XP_017151212.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036913346|ref|XP_017154207.1| PREDICTED: tyrosine-protein kinase Dnt isoform X1 [Drosophi
>gi|1036913364|ref|XP_017154208.1| PREDICTED: tyrosine-protein kinase Dnt isoform X2 [Drosophi
>gi|1036934289|ref|XP_017155375.1| PREDICTED: uncharacterized protein LOC108164252 [Drosophila
>gi|1036934271|ref|XP_017155374.1| PREDICTED: uncharacterized protein LOC108164251 [Drosophila
>gi|1036859016|ref|XP_017151197.1| PREDICTED: parkin coregulated gene protein homolog [Drosoph
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>gi|1036860691|ref|XP_017151289.1| PREDICTED: C-type lectin 1 [Drosophila miranda]
>gi|1036929828|ref|XP_017155140.1| PREDICTED: LOW QUALITY PROTEIN: hyphally regulated cell wall
>gi|1036929848|ref|XP_017155142.1| PREDICTED: LOW QUALITY PROTEIN: fibroin heavy chain [Drosop
>gi|1036913328|ref|XP_017154206.1| PREDICTED: putative glycine-rich cell wall structural prote
>gi|1036913310|ref|XP 017154205.1| PREDICTED: keratin, type I cytoskeletal 9 isoform X1 [Droso
>gi|1036913275|ref|XP_017154202.1| PREDICTED: LOW QUALITY PROTEIN: peroxisomal acyl-coenzyme A
>gi|1036913293|ref|XP 017154203.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036900429|ref|XP_017153500.1| PREDICTED: LOW QUALITY PROTEIN: leupaxin [Drosophila mirand
>gi|1036900525|ref|XP_017153505.1| PREDICTED: perlucin-like [Drosophila miranda]
>gi|1036900465|ref|XP_017153502.1| PREDICTED: uncharacterized protein LOC108162997 isoform X2
>gi|1036900483|ref|XP_017153503.1| PREDICTED: uncharacterized protein LOC108162997 isoform X3
>gi|1036900446|ref|XP 017153501.1| PREDICTED: uncharacterized protein LOC108162997 isoform X1
>gi|1036900506|ref|XP_017153504.1| PREDICTED: uncharacterized protein LOC108162997 isoform X4
>gi|1036922581|ref|XP_017154746.1| PREDICTED: LOW QUALITY PROTEIN: tRNA-splicing ligase RtcB h
>gi|1036907009|ref|XP_017153868.1| PREDICTED: ras-related protein Rab-9B isoform X1 [Drosophile
>gi|1036907027|ref|XP_017153869.1| PREDICTED: ras-related protein Rab-9B isoform X2 [Drosophile
>gi|1036906962|ref|XP_017153865.1| PREDICTED: alpha-tocopherol transfer protein-like isoform X
>gi|1036906978|ref|XP 017153866.1| PREDICTED: alpha-tocopherol transfer protein-like isoform X
>gi|1036906992|ref|XP_017153867.1| PREDICTED: alpha-tocopherol transfer protein-like isoform X
>gi|1036906946|ref|XP 017153864.1| PREDICTED: heparin sulfate O-sulfotransferase [Drosophila m
>gi|1036852683|ref|XP_017150836.1| PREDICTED: ran GTPase-activating protein-like [Drosophila m
>gi|1036890874|ref|XP_017152957.1| PREDICTED: ran GTPase-activating protein-like [Drosophila m
>gi|1036890855|ref|XP_017152956.1| PREDICTED: LOW QUALITY PROTEIN: DNA topoisomerase 2 [Drosop
>gi|1036926648|ref|XP_017154966.1| PREDICTED: alpha-tocopherol transfer protein isoform X1 [Drefine transfer protein isofo
>gi|1036926666|ref|XP_017154967.1| PREDICTED: alpha-tocopherol transfer protein isoform X2 [Dr
>gi|1036926684|ref|XP_017154968.1| PREDICTED: alpha-tocopherol transfer protein isoform X2 [Drefine transfer protein isofo
>gi|1036926706|ref|XP_017154970.1| PREDICTED: LOW QUALITY PROTEIN: transcription factor MafB [
>gi|1036926048|ref|XP_017154933.1| PREDICTED: LOW QUALITY PROTEIN: nucleoside diphosphate-link
>gi|1036933915|ref|XP_017155358.1| PREDICTED: serine/arginine repetitive matrix protein 1 [Dros
>gi|1036902605|ref|XP_017153620.1| PREDICTED: uncharacterized protein LOC108163059 [Drosophila
>gi|1036902588|ref|XP_017153619.1| PREDICTED: nucleoside diphosphate-linked moiety X motif 19
>gi|1036902568|ref|XP_017153618.1| PREDICTED: nucleoside diphosphate-linked moiety X motif 19
>gi|1036902551|ref|XP 017153617.1| PREDICTED: cytoplasmic tRNA 2-thiolation protein 2 [Drosoph
>gi|1036902533|ref|XP_017153616.1| PREDICTED: RNA-binding protein 26 [Drosophila miranda]
>gi|1036878132|ref|XP 017152258.1| PREDICTED: LOW QUALITY PROTEIN: DNA topoisomerase 3-alpha [
>gi|1036878037|ref|XP_017152253.1| PREDICTED: LOW QUALITY PROTEIN: rho guanine nucleotide exch
>gi|1036878055|ref|XP 017152254.1| PREDICTED: transmembrane 9 superfamily member 4 [Drosophila
>gi|1036878094|ref|XP_017152256.1| PREDICTED: LOW QUALITY PROTEIN: glucose-6-phosphate 1-epime:
>gi|1036878076|ref|XP_017152255.1| PREDICTED: mitogen-activated protein kinase 14B [Drosophila
>gi|1036878114|ref|XP_017152257.1| PREDICTED: protein FRA10AC1 homolog [Drosophila miranda]
>gi|1036893221|ref|XP_017153093.1| PREDICTED: ATP-binding cassette sub-family A member 3 isofo
>gi|1036893239|ref|XP_017153094.1| PREDICTED: ATP-binding cassette sub-family A member 3 isofo
>gi|1036921506|ref|XP_017154679.1| PREDICTED: zinc finger BED domain-containing protein 1 [Dros
>gi|1036904702|ref|XP_017153737.1| PREDICTED: brefeldin A-inhibited guanine nucleotide-exchange
>gi|1036922521|ref|XP_017154741.1| PREDICTED: carbonic anhydrase [Drosophila miranda]
>gi|1036922493|ref|XP 017154739.1| PREDICTED: tRNA-specific adenosine deaminase 1 [Drosophila 1
>gi|1036922508|ref|XP_017154740.1| PREDICTED: tRNA-specific adenosine deaminase 1 [Drosophila |
>gi|1036852702|ref|XP_017150838.1| PREDICTED: LOW QUALITY PROTEIN: aldehyde dehydrogenase, mit-
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>gi|1036923022|ref|XP_017154774.1| PREDICTED: UPF0428 protein CG16865 [Drosophila miranda]
>gi|1036922970|ref|XP_017154771.1| PREDICTED: trypsin-7-like isoform X1 [Drosophila miranda]
>gi|1036922988|ref|XP_017154772.1| PREDICTED: trypsin-7-like isoform X1 [Drosophila miranda]
>gi|1036923006|ref|XP_017154773.1| PREDICTED: kallikrein-15-like isoform X2 [Drosophila mirand
>gi|1036904684|ref|XP 017153736.1| PREDICTED: LOW QUALITY PROTEIN: protein son of sevenless [Di
>gi|1036929241|ref|XP_017155107.1| PREDICTED: cysteine sulfinic acid decarboxylase [Drosophila
>gi|1036920496|ref|XP_017154618.1| PREDICTED: DNA polymerase subunit gamma-1, mitochondrial [Di
>gi|1036905243|ref|XP_017153766.1| PREDICTED: actin-related protein 2/3 complex subunit 1A [Dr
>gi|1036905261|ref|XP_017153767.1| PREDICTED: actin-related protein 2/3 complex subunit 1A [Dr
>gi|1036905225|ref|XP_017153764.1| PREDICTED: origin recognition complex subunit 5 isoform X2
>gi|1036905207|ref|XP_017153763.1| PREDICTED: origin recognition complex subunit 5 isoform X1
>gi|1036905281|ref|XP_017153768.1| PREDICTED: LOW QUALITY PROTEIN: DNA polymerase subunit gamma
>gi|1036905301|ref|XP_017153769.1| PREDICTED: glutamyl-tRNA(Gln) amidotransferase subunit C, m
>gi|1036890593|ref|XP_017152941.1| PREDICTED: DNA-directed RNA polymerase II subunit RPB3 [Dros
>gi|1036890630|ref|XP_017152943.1| PREDICTED: probable 28S ribosomal protein S23, mitochondria
>gi|1036890536|ref|XP_017152938.1| PREDICTED: LOW QUALITY PROTEIN: centaurin-gamma-1A [Drosoph
>gi|1036890649|ref|XP_017152945.1| PREDICTED: uncharacterized protein LOC108162632 [Drosophila
>gi|1036852594|ref|XP_017150831.1| PREDICTED: uncharacterized protein LOC108161119 [Drosophila
>gi|1036890574|ref|XP_017152940.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036890555|ref|XP 017152939.1| PREDICTED: uncharacterized protein LOC108162627 [Drosophila
>gi|1036890611|ref|XP_017152942.1| PREDICTED: uncharacterized protein LOC108162630 [Drosophila
>gi|1036903542|ref|XP 017153670.1| PREDICTED: protein SMG5 isoform X2 [Drosophila miranda]
>gi|1036903524|ref|XP_017153669.1| PREDICTED: protein SMG5 isoform X1 [Drosophila miranda]
>gi|1036903562|ref|XP_017153671.1| PREDICTED: protein SMG5 isoform X3 [Drosophila miranda]
>gi|1036903580|ref|XP_017153673.1| PREDICTED: protein SMG5 isoform X3 [Drosophila miranda]
>gi|1036921470|ref|XP_017154677.1| PREDICTED: angiotensin-converting enzyme [Drosophila mirand
>gi|1036921489|ref|XP_017154678.1| PREDICTED: angiotensin-converting enzyme [Drosophila mirand
>gi|1036860394|ref|XP_017151272.1| PREDICTED: angiotensin-converting enzyme isoform X1 [Drosop
>gi|1036860412|ref|XP_017151273.1| PREDICTED: angiotensin-converting enzyme isoform X2 [Drosop
>gi|1036917819|ref|XP_017154470.1| PREDICTED: angiotensin-converting enzyme-like isoform X2 [Di
>gi|1036917801|ref|XP_017154469.1| PREDICTED: angiotensin-converting enzyme-like isoform X1 [Di
>gi|1036917839|ref|XP_017154471.1| PREDICTED: angiotensin-converting enzyme-like isoform X3 [Di
>gi|1036852720|ref|XP 017150839.1| PREDICTED: angiotensin-converting enzyme-like [Drosophila m
>gi|1036852737|ref|XP_017150840.1| PREDICTED: angiotensin-converting enzyme-like [Drosophila m
>gi|1036861260|ref|XP 017151322.1| PREDICTED: acylphosphatase-1 [Drosophila miranda]
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>gi|1036921867|ref|XP_017154701.1| PREDICTED: MAGE-like protein 2 isoform X2 [Drosophila miran
>gi|1036921847|ref|XP_017154700.1| PREDICTED: MAGE-like protein 2 isoform X1 [Drosophila miran
>gi|1036921921|ref|XP_017154704.1| PREDICTED: uncharacterized protein LOC108163748 [Drosophila
>gi|1036921887|ref|XP_017154702.1| PREDICTED: chorion protein S38 [Drosophila miranda]
>gi|1036921905|ref|XP_017154703.1| PREDICTED: zinc finger protein 512B [Drosophila miranda]
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>gi|1036932102|ref|XP_017155256.1| PREDICTED: von Willebrand factor D and EGF domain-containing
>gi|1036923258|ref|XP_017154788.1| PREDICTED: LOW QUALITY PROTEIN: tenascin [Drosophila mirand
>gi|1036923310|ref|XP_017154791.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036923240|ref|XP_017154787.1| PREDICTED: von Willebrand factor D and EGF domain-containing
>gi|1036923292|ref|XP_017154790.1| PREDICTED: cell death abnormality protein 1 isoform X2 [Dros
>gi|1036923274|ref|XP_017154789.1| PREDICTED: cell death abnormality protein 1 isoform X1 [Dros
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>gi|1036923222|ref|XP_017154786.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036879314|ref|XP_017152320.1| PREDICTED: LOW QUALITY PROTEIN: multiple epidermal growth for
>gi|1036879483|ref|XP_017152330.1| PREDICTED: leucine-rich repeat-containing G-protein coupled
>gi|1036879350|ref|XP_017152322.1| PREDICTED: LOW QUALITY PROTEIN: very long-chain-fatty-acid-
>gi|1036879464|ref|XP 017152329.1| PREDICTED: uncharacterized protein LOC108162220 [Drosophila
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>gi|1036879369|ref|XP 017152323.1| PREDICTED: insulin-like growth factor-binding protein comple
>gi|1036879421|ref|XP_017152327.1| PREDICTED: uncharacterized protein LOC108162219 isoform X2
>gi|1036879403|ref|XP_017152325.1| PREDICTED: uncharacterized protein LOC108162219 isoform X1
>gi|1036879440|ref|XP_017152328.1| PREDICTED: uncharacterized protein LOC108162219 isoform X3
>gi|1036879388|ref|XP_017152324.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036879295|ref|XP 017152319.1| PREDICTED: neuronal acetylcholine receptor subunit alpha-7
>gi|1036879238|ref|XP_017152316.1| PREDICTED: neuronal acetylcholine receptor subunit beta-2 is
>gi|1036879257|ref|XP_017152317.1| PREDICTED: neuronal acetylcholine receptor subunit beta-2 is
>gi|1036879276|ref|XP_017152318.1| PREDICTED: neuronal acetylcholine receptor subunit beta-2 is
>gi|1036852753|ref|XP_017150841.1| PREDICTED: BCL-6 corepressor-like protein 1 [Drosophila mire
>gi|1036928497|ref|XP_017155066.1| PREDICTED: leucine-rich repeat extensin-like protein 5 [Dros
>gi|1036928479|ref|XP_017155064.1| PREDICTED: LOW QUALITY PROTEIN: homeotic protein female ste
>gi|1036857374|ref|XP_017151122.1| PREDICTED: proteoglycan 4 [Drosophila miranda]
>gi|1036932918|ref|XP 017155303.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036895497|ref|XP_017153221.1| PREDICTED: LOW QUALITY PROTEIN: dual specificity tyrosine-p
>gi|1036893941|ref|XP_017153131.1| PREDICTED: laminin subunit alpha-1 isoform X1 [Drosophila m
>gi|1036893956|ref|XP_017153132.1| PREDICTED: laminin subunit alpha-1 isoform X2 [Drosophila m
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>gi|1036852772|ref|XP_017150842.1| PREDICTED: uncharacterized protein LOC108161131 [Drosophila
>gi|1036852790|ref|XP_017150843.1| PREDICTED: nardilysin-like [Drosophila miranda]
>gi|1036864385|ref|XP_017151489.1| PREDICTED: insulin-degrading enzyme-like [Drosophila mirand
>gi|1036864025|ref|XP_017151468.1| PREDICTED: non-lysosomal glucosylceramidase isoform X1 [Dros
>gi|1036864043|ref|XP_017151469.1| PREDICTED: non-lysosomal glucosylceramidase isoform X2 [Dros
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>gi|1036864169|ref|XP_017151476.1| PREDICTED: uncharacterized protein LOC108161680 [Drosophila
>gi|1036864315|ref|XP_017151485.1| PREDICTED: defense protein 1(2)34Fc [Drosophila miranda]
>gi|1036864350|ref|XP 017151486.1| PREDICTED: uncharacterized protein LOC108161685 [Drosophila
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>gi|1036864188|ref|XP_017151477.1| PREDICTED: odorant receptor 13a isoform X1 [Drosophila mirated
>gi|1036864203|ref|XP_017151478.1| PREDICTED: odorant receptor 13a isoform X2 [Drosophila mirated
>gi|1036864135|ref|XP_017151474.1| PREDICTED: uncharacterized protein LOC108161677 isoform X2
>gi|1036864117|ref|XP_017151473.1| PREDICTED: uncharacterized protein LOC108161677 isoform X1
>gi|1036864099|ref|XP_017151472.1| PREDICTED: polypeptide N-acetylgalactosaminyltransferase 35.
>gi|1036864061|ref|XP_017151470.1| PREDICTED: DNA mismatch repair protein spellchecker 1 [Dros
>gi|1036864006|ref|XP_017151466.1| PREDICTED: voltage-dependent calcium channel subunit alpha-
>gi|1036863988|ref|XP_017151465.1| PREDICTED: voltage-dependent calcium channel subunit alpha-
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>gi|1036864277|ref|XP_017151483.1| PREDICTED: uncharacterized protein LOC108161683 [Drosophila
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>gi|1036864296|ref|XP_017151484.1| PREDICTED: uncharacterized protein LOC108161683 [Drosophila
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>gi|1036925555|ref|XP_017154902.1| PREDICTED: uncharacterized protein LOC108163893 isoform X2
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>gi|1036920335|ref|XP 017154608.1| PREDICTED: protein bicaudal C isoform X1 [Drosophila mirand
>gi|1036920353|ref|XP_017154609.1| PREDICTED: protein bicaudal C isoform X2 [Drosophila mirand
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>gi|1036925963|ref|XP_017154929.1| PREDICTED: uncharacterized protein LOC108163912 [Drosophila
>gi|1036925997|ref|XP_017154932.1| PREDICTED: keratin-associated protein 17-1 [Drosophila mirated]
>gi|1036925947|ref|XP_017154928.1| PREDICTED: keratin-associated protein 5-3 [Drosophila mirane
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>gi|1036930026|ref|XP_017155148.1| PREDICTED: borealin-like [Drosophila miranda]
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>gi|1036928228|ref|XP_017155051.1| PREDICTED: serine protease 33-like isoform X1 [Drosophila m
>gi|1036928250|ref|XP_017155052.1| PREDICTED: serine protease 33-like isoform X2 [Drosophila m
>gi|1036858868|ref|XP_017151190.1| PREDICTED: retinoid-inducible serine carboxypeptidase [Dros
>gi|1036860283|ref|XP_017151269.1| PREDICTED: retinoid-inducible serine carboxypeptidase [Dros
>gi|1036930076|ref|XP_017155150.1| PREDICTED: uncharacterized protein LOC108164077 isoform X1
>gi|1036930096|ref|XP_017155151.1| PREDICTED: uncharacterized protein LOC108164077 isoform X2
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>gi|1036930114|ref|XP_017155152.1| PREDICTED: inactive serine protease 54-like [Drosophila mire
>gi|1036930132|ref|XP_017155153.1| PREDICTED: inactive serine protease 54-like [Drosophila mire
>gi|1036927310|ref|XP_017155003.1| PREDICTED: thyrotropin-releasing hormone-degrading ectoenzy
>gi|1036934340|ref|XP_017155379.1| PREDICTED: tektin-4 [Drosophila miranda]
>gi|1036935512|ref|XP 017155447.1| PREDICTED: uncharacterized protein LOC108164310 [Drosophila
>gi|1036857689|ref|XP_017151138.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036861317|ref|XP 017151326.1| PREDICTED: uncharacterized protein LOC108161554 [Drosophila
>gi|1036852898|ref|XP_017150850.1| PREDICTED: uncharacterized protein LOC108161139 [Drosophila
>gi|1036934912|ref|XP_017155413.1| PREDICTED: uncharacterized protein LOC108164278 [Drosophila
>gi|1036852915|ref|XP_017150851.1| PREDICTED: serine/arginine repetitive matrix protein 2-like
>gi|1036912759|ref|XP_017154171.1| PREDICTED: uncharacterized protein LOC108163415 [Drosophila
>gi|1036912795|ref|XP_017154173.1| PREDICTED: leucine carboxyl methyltransferase 1 isoform X2
>gi|1036912777|ref|XP_017154172.1| PREDICTED: leucine carboxyl methyltransferase 1 isoform X1
>gi|1036889132|ref|XP_017152859.1| PREDICTED: acetylcholinesterase [Drosophila miranda]
>gi|1036889148|ref|XP_017152860.1| PREDICTED: acetylcholinesterase [Drosophila miranda]
>gi|1036889167|ref|XP_017152861.1| PREDICTED: acetylcholinesterase [Drosophila miranda]
>gi|1036889186|ref|XP_017152862.1| PREDICTED: acetylcholinesterase [Drosophila miranda]
>gi|1036889205|ref|XP 017152863.1| PREDICTED: acetylcholinesterase [Drosophila miranda]
>gi|1036889222|ref|XP_017152864.1| PREDICTED: P protein [Drosophila miranda]
>gi|1036889113|ref|XP 017152858.1| PREDICTED: superkiller viralicidic activity 2-like 2 [Droso
>gi|1036929207|ref|XP_017155104.1| PREDICTED: uncharacterized protein LOC108164038 [Drosophila
>gi|1036893497|ref|XP 017153111.1| PREDICTED: G1/S-specific cyclin-E [Drosophila miranda]
>gi|1036931076|ref|XP_017155206.1| PREDICTED: uncharacterized protein LOC108164119 [Drosophila
>gi|1036924754|ref|XP_017154862.1| PREDICTED: voltage-dependent calcium channel subunit alpha-
>gi|1036924772|ref|XP_017154863.1| PREDICTED: voltage-dependent calcium channel subunit alpha-
>gi|1036924841|ref|XP_017154868.1| PREDICTED: uncharacterized protein LOC108163862 [Drosophila
>gi|1036924804|ref|XP_017154865.1| PREDICTED: LOW QUALITY PROTEIN: chymotrypsin-like protease
>gi|1036924788|ref|XP_017154864.1| PREDICTED: tryptase beta-2-like [Drosophila miranda]
>gi|1036924824|ref|XP_017154867.1| PREDICTED: uncharacterized protein LOC108163861 [Drosophila
>gi|1036916454|ref|XP_017154392.1| PREDICTED: inhibin beta A chain [Drosophila miranda]
>gi|1036916472|ref|XP_017154393.1| PREDICTED: inhibin beta A chain [Drosophila miranda]
>gi|1036916490|ref|XP_017154394.1| PREDICTED: pyruvate kinase [Drosophila miranda]
>gi|1036916508|ref|XP_017154395.1| PREDICTED: glucose-6-phosphatase 2 isoform X1 [Drosophila m
>gi|1036916539|ref|XP_017154397.1| PREDICTED: glucose-6-phosphatase 2 isoform X2 [Drosophila m
>gi|1036901703|ref|XP 017153571.1| PREDICTED: dual oxidase [Drosophila miranda]
>gi|1036901742|ref|XP_017153573.1| PREDICTED: dual oxidase [Drosophila miranda]
>gi|1036901760|ref|XP 017153574.1| PREDICTED: dual oxidase [Drosophila miranda]
>gi|1036901778|ref|XP_017153575.1| PREDICTED: dual oxidase [Drosophila miranda]
>gi|1036901798|ref|XP_017153576.1| PREDICTED: dual oxidase [Drosophila miranda]
>gi|1036932883|ref|XP_017155301.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036932900|ref|XP_017155302.1| PREDICTED: cuticle protein 18.6 [Drosophila miranda]
>gi|1036931513|ref|XP_017155227.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036931528|ref|XP_017155228.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036931495|ref|XP_017155226.1| PREDICTED: uncharacterized protein LOC108164136 [Drosophila
>gi|1036852932|ref|XP_017150852.1| PREDICTED: serine protease 42-like, partial [Drosophila mire
>gi|1036852948|ref|XP_017150853.1| PREDICTED: serine protease 42-like [Drosophila miranda]
>gi|1036935373|ref|XP_017155439.1| PREDICTED: protein phosphatase 1B [Drosophila miranda]
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>gi|1036852966|ref|XP\_017150854.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact

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>gi|1036933620|ref|XP_017155343.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036909694|ref|XP_017154012.1| PREDICTED: ankyrin repeat domain-containing protein 29 [Dros
>gi|1036909676|ref|XP_017154011.1| PREDICTED: uncharacterized protein LOC108163306 isoform X3
>gi|1036909638|ref|XP_017154009.1| PREDICTED: uncharacterized protein LOC108163306 isoform X1
>gi|1036909656|ref|XP 017154010.1| PREDICTED: uncharacterized protein LOC108163306 isoform X2
>gi|1036909712|ref|XP_017154013.1| PREDICTED: 40S ribosomal protein S21 [Drosophila miranda]
>gi|1036890184|ref|XP 017152920.1| PREDICTED: uncharacterized protein LOC108162613 [Drosophila
>gi|1036890203|ref|XP_017152921.1| PREDICTED: uncharacterized protein LOC108162613 [Drosophila
>gi|1036890220|ref|XP_017152922.1| PREDICTED: interferon-related developmental regulator 2 [Dr
>gi|1036890238|ref|XP_017152923.1| PREDICTED: uncharacterized protein LOC108162616 [Drosophila
>gi|1036896925|ref|XP_017153299.1| PREDICTED: acyl-CoA-binding domain-containing protein 5 [Dref|XP_017153299.1]
>gi|1036896942|ref|XP_017153300.1| PREDICTED: peroxiredoxin-6 [Drosophila miranda]
>gi|1036896959|ref|XP_017153301.1| PREDICTED: N-alpha-acetyltransferase 38, NatC auxiliary sub
>gi|1036896978|ref|XP_017153302.1| PREDICTED: uncharacterized protein LOC108162865 [Drosophila
>gi|1036896906|ref|XP_017153298.1| PREDICTED: geranylgeranyl transferase type-2 subunit beta [
>gi|1036917563|ref|XP_017154454.1| PREDICTED: ectonucleoside triphosphate diphosphohydrolase 5
>gi|1036917581|ref|XP_017154455.1| PREDICTED: ectonucleoside triphosphate diphosphohydrolase 5
>gi|1036917599|ref|XP_017154456.1| PREDICTED: ectonucleoside triphosphate diphosphohydrolase 5
>gi|1036935842|ref|XP_017155468.1| PREDICTED: uncharacterized protein LOC108164326 [Drosophila
>gi|1036935860|ref|XP 017155470.1| PREDICTED: uncharacterized protein LOC108164326 [Drosophila
>gi|1036867808|ref|XP_017151685.1| PREDICTED: AF4/FMR2 family member 4 isoform X1 [Drosophila i
>gi|1036867827|ref|XP 017151686.1| PREDICTED: AF4/FMR2 family member 4 isoform X2 [Drosophila 1
>gi|1036867842|ref|XP_017151687.1| PREDICTED: AF4/FMR2 family member 4 isoform X3 [Drosophila i
>gi|1036867857|ref|XP_017151688.1| PREDICTED: AF4/FMR2 family member 4 isoform X3 [Drosophila i
>gi|1036852984|ref|XP_017150855.1| PREDICTED: uncharacterized protein LOC108161145 [Drosophila
>gi|1036867873|ref|XP_017151689.1| PREDICTED: LOW QUALITY PROTEIN: ELAV-like protein 2 [Drosop
>gi|1036867900|ref|XP_017151690.1| PREDICTED: thymidylate synthase [Drosophila miranda]
>gi|1036905803|ref|XP_017153799.1| PREDICTED: recombination repair protein 1 isoform X2 [Droso
>gi|1036905789|ref|XP_017153798.1| PREDICTED: recombination repair protein 1 isoform X1 [Droso
>gi|1036905847|ref|XP_017153803.1| PREDICTED: tubulin gamma-1 chain [Drosophila miranda]
>gi|1036905816|ref|XP_017153801.1| PREDICTED: protein Hook homolog 1-like isoform X1 [Drosophi
>gi|1036905830|ref|XP_017153802.1| PREDICTED: protein Hook homolog 1-like isoform X2 [Drosophi
>gi|1036919203|ref|XP_017154543.1| PREDICTED: three-prime repair exonuclease 1 [Drosophila mire
>gi|1036919220|ref|XP_017154544.1| PREDICTED: protein-lysine N-methyltransferase Mettl10 [Dros
>gi|1036895909|ref|XP 017153245.1| PREDICTED: chromodomain-helicase-DNA-binding protein 1 isof
>gi|1036895890|ref|XP_017153244.1| PREDICTED: chromodomain-helicase-DNA-binding protein 1 isof
>gi|1036891079|ref|XP 017152969.1| PREDICTED: protein ABHD13 [Drosophila miranda]
>gi|1036891096|ref|XP_017152970.1| PREDICTED: protein ABHD13 [Drosophila miranda]
>gi|1036891039|ref|XP_017152967.1| PREDICTED: DNA repair and recombination protein RAD54-like
>gi|1036891060|ref|XP_017152968.1| PREDICTED: DNA repair and recombination protein RAD54-like
>gi|1036891022|ref|XP_017152966.1| PREDICTED: ER degradation-enhancing alpha-mannosidase-like
>gi|1036908756|ref|XP_017153960.1| PREDICTED: uncharacterized protein LOC108163270 [Drosophila
>gi|1036915032|ref|XP_017154301.1| PREDICTED: ethanolamine-phosphate cytidylyltransferase isof
>gi|1036915050|ref|XP_017154302.1| PREDICTED: ethanolamine-phosphate cytidylyltransferase isof
>gi|1036915066|ref|XP_017154305.1| PREDICTED: uncharacterized protein LOC108163494 [Drosophila
>gi|1036888364|ref|XP_017152813.1| PREDICTED: actin-binding protein IPP [Drosophila miranda]
>gi|1036888417|ref|XP_017152817.1| PREDICTED: peptide chain release factor 1-like, mitochondric
>gi|1036888453|ref|XP_017152819.1| PREDICTED: exosome complex component RRP41 isoform X2 [Dros
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>gi|1036888435|ref|XP 017152818.1| PREDICTED: exosome complex component RRP41 isoform X1 [Dros
>gi|1036888399|ref|XP_017152815.1| PREDICTED: uncharacterized protein C19orf47 homolog isoform
>gi|1036888383|ref|XP_017152814.1| PREDICTED: uncharacterized protein C19orf47 homolog isoform
>gi|1036888471|ref|XP_017152820.1| PREDICTED: forkhead box protein B2 [Drosophila miranda]
>gi|1036857452|ref|XP 017151125.1| PREDICTED: uncharacterized protein LOC108161387 [Drosophila
>gi|1036857291|ref|XP_017151116.1| PREDICTED: uncharacterized protein LOC108161380 [Drosophila
>gi|1036853003|ref|XP 017150857.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036924646|ref|XP_017154855.1| PREDICTED: proteasome subunit alpha type-1 [Drosophila mirated
>gi|1036924682|ref|XP_017154857.1| PREDICTED: uncharacterized protein LOC108163854 [Drosophila
>gi|1036924664|ref|XP_017154856.1| PREDICTED: uncharacterized protein LOC108163853 [Drosophila
>gi|1036933466|ref|XP_017155336.1| PREDICTED: uncharacterized protein LOC108164214 [Drosophila
>gi|1036931479|ref|XP_017155225.1| PREDICTED: uncharacterized protein LOC108164135 [Drosophila
>gi|1036935391|ref|XP_017155440.1| PREDICTED: fibrinogen-like protein 1 [Drosophila miranda]
>gi|1036931285|ref|XP_017155214.1| PREDICTED: serine proteinase stubble [Drosophila miranda]
>gi|1036853022|ref|XP_017150858.1| PREDICTED: N-alpha-acetyltransferase 20 [Drosophila miranda
>gi|1036860619|ref|XP_017151284.1| PREDICTED: N-alpha-acetyltransferase 20 [Drosophila miranda
>gi|1036905603|ref|XP_017153786.1| PREDICTED: transcription factor SPT20 homolog isoform X6 [D:
>gi|1036905693|ref|XP_017153792.1| PREDICTED: uncharacterized protein LOC108163171 [Drosophila
>gi|1036905512|ref|XP_017153781.1| PREDICTED: transcription factor SPT20 homolog isoform X1 [Di
>gi|1036905530|ref|XP 017153782.1| PREDICTED: transcription factor SPT20 homolog isoform X2 [Di
>gi|1036905568|ref|XP_017153784.1| PREDICTED: transcription factor SPT20 homolog isoform X4 [Di
>gi|1036905586|ref|XP 017153785.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X5
>gi|1036905550|ref|XP_017153783.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036905620|ref|XP_017153787.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036905654|ref|XP_017153789.1| PREDICTED: trithorax group protein osa isoform X9 [Drosophi
>gi|1036905637|ref|XP_017153788.1| PREDICTED: uncharacterized protein LOC108163167 isoform X8
>gi|1036905675|ref|XP_017153790.1| PREDICTED: DNA fragmentation factor subunit beta [Drosophile
>gi|1036882641|ref|XP_017152499.1| PREDICTED: protein sickie isoform X3 [Drosophila miranda]
>gi|1036882821|ref|XP_017152509.1| PREDICTED: collectin-10-like [Drosophila miranda]
>gi|1036882802|ref|XP_017152508.1| PREDICTED: tetranectin-like protein [Drosophila miranda]
>gi|1036882587|ref|XP_017152497.1| PREDICTED: protein sickie isoform X1 [Drosophila miranda]
>gi|1036882840|ref|XP_017152511.1| PREDICTED: male-specific sperm protein Mst84Da-like [Drosop
>gi|1036882606|ref|XP 017152498.1| PREDICTED: protein sickie isoform X2 [Drosophila miranda]
>gi|1036882659|ref|XP_017152500.1| PREDICTED: protein sickie isoform X4 [Drosophila miranda]
>gi|1036882702|ref|XP 017152502.1| PREDICTED: protein sickie isoform X6 [Drosophila miranda]
>gi|1036882786|ref|XP_017152507.1| PREDICTED: actin-5C-like [Drosophila miranda]
>gi|1036882769|ref|XP 017152506.1| PREDICTED: xenotropic and polytropic retrovirus receptor 1
>gi|1036882684|ref|XP_017152501.1| PREDICTED: protein sickie isoform X5 [Drosophila miranda]
>gi|1036882731|ref|XP_017152504.1| PREDICTED: protein sickie isoform X7 [Drosophila miranda]
>gi|1036882750|ref|XP_017152505.1| PREDICTED: protein sickie isoform X7 [Drosophila miranda]
>gi|1036860320|ref|XP_017151270.1| PREDICTED: uncharacterized protein LOC108161505 [Drosophila
>gi|1036912709|ref|XP_017154168.1| PREDICTED: cytochrome c oxidase subunit 4 isoform 1, mitoch
>gi|1036912655|ref|XP 017154165.1| PREDICTED: uncharacterized protein LOC108163410 [Drosophila
>gi|1036912579|ref|XP_017154160.1| PREDICTED: protein PF14_0175-like [Drosophila miranda]
>gi|1036912597|ref|XP_017154161.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036912617|ref|XP_017154163.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X1
>gi|1036912637|ref|XP_017154164.1| PREDICTED: uncharacterized protein LOC108163409 isoform X2
>gi|1036912691|ref|XP_017154167.1| PREDICTED: uncharacterized protein LOC108163412 [Drosophila
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>gi|1036912739|ref|XP_017154169.1| PREDICTED: uncharacterized protein LOC108163414 [Drosophila
>gi|1036912673|ref|XP_017154166.1| PREDICTED: uncharacterized protein LOC108163411 [Drosophila
>gi|1036903655|ref|XP_017153676.1| PREDICTED: uncharacterized protein LOC108163099 [Drosophila
>gi|1036903637|ref|XP_017153675.1| PREDICTED: LOW QUALITY PROTEIN: condensin complex subunit 2
>gi|1036903673|ref|XP 017153677.1| PREDICTED: uncharacterized protein LOC108163100 [Drosophila
>gi|1036903818|ref|XP_017153686.1| PREDICTED: uncharacterized protein LOC108163103 [Drosophila
>gi|1036903711|ref|XP 017153679.1| PREDICTED: condensin complex subunit 2-like isoform X2 [Drop
>gi|1036903782|ref|XP_017153683.1| PREDICTED: condensin complex subunit 2-like isoform X2 [Dros
>gi|1036903798|ref|XP_017153685.1| PREDICTED: condensin complex subunit 2-like isoform X2 [Dros
>gi|1036903691|ref|XP_017153678.1| PREDICTED: condensin complex subunit 2-like isoform X1 [Droplet Subunit 2-like isoform X1]
>gi|1036903729|ref|XP_017153680.1| PREDICTED: condensin complex subunit 2-like isoform X1 [Dros
>gi|1036903747|ref|XP_017153681.1| PREDICTED: condensin complex subunit 2-like isoform X1 [Dros
>gi|1036903765|ref|XP_017153682.1| PREDICTED: condensin complex subunit 2-like isoform X1 [Drop
>gi|1036853041|ref|XP_017150859.1| PREDICTED: condensin complex subunit 2-like, partial [Droso
>gi|1036857653|ref|XP_017151136.1| PREDICTED: short neuropeptide F [Drosophila miranda]
>gi|1036893620|ref|XP_017153112.1| PREDICTED: condensin complex subunit 2-like [Drosophila mire
>gi|1036893636|ref|XP_017153114.1| PREDICTED: ovarian-specific serine/threonine-protein kinase
>gi|1036893655|ref|XP_017153115.1| PREDICTED: ovarian-specific serine/threonine-protein kinase
>gi|1036893672|ref|XP_017153116.1| PREDICTED: protein valois [Drosophila miranda]
>gi|1036893687|ref|XP_017153117.1| PREDICTED: uncharacterized protein LOC108162749 [Drosophila
>gi|1036906273|ref|XP_017153830.1| PREDICTED: alkaline ceramidase [Drosophila miranda]
>gi|1036906259|ref|XP 017153829.1| PREDICTED: uncharacterized protein LOC108163195 [Drosophila
>gi|1036906289|ref|XP_017153831.1| PREDICTED: 6-pyruvoyl tetrahydrobiopterin synthase [Drosoph
>gi|1036906307|ref|XP_017153832.1| PREDICTED: 6-pyruvoyl tetrahydrobiopterin synthase [Drosoph
>gi|1036872798|ref|XP_017151968.1| PREDICTED: kinesin-like protein KIF14 isoform X1 [Drosophile
>gi|1036873047|ref|XP_017151983.1| PREDICTED: uncharacterized protein LOC108162007 isoform X3
>gi|1036873028|ref|XP_017151982.1| PREDICTED: uncharacterized protein LOC108162007 isoform X2
>gi|1036873003|ref|XP_017151981.1| PREDICTED: uncharacterized protein LOC108162007 isoform X1
>gi|1036872815|ref|XP_017151969.1| PREDICTED: kinesin-like protein KIF14 isoform X2 [Drosophile
>gi|1036872870|ref|XP_017151973.1| PREDICTED: PI-PLC X domain-containing protein 2 isoform X1
>gi|1036872888|ref|XP_017151974.1| PREDICTED: PI-PLC X domain-containing protein 2 isoform X2
>gi|1036872834|ref|XP_017151970.1| PREDICTED: SHC SH2 domain-binding protein 1 [Drosophila mire
>gi|1036872982|ref|XP 017151979.1| PREDICTED: transcription initiation factor TFIID subunit 13
>gi|1036872852|ref|XP_017151972.1| PREDICTED: pyridine nucleotide-disulfide oxidoreductase dom
>gi|1036872964|ref|XP 017151978.1| PREDICTED: 28S ribosomal protein S18b, mitochondrial [Droso
>gi|1036872907|ref|XP_017151975.1| PREDICTED: transmembrane protein 189 [Drosophila miranda]
>gi|1036872927|ref|XP_017151976.1| PREDICTED: transmembrane protein 189 [Drosophila miranda]
>gi|1036872945|ref|XP_017151977.1| PREDICTED: transmembrane protein 189 [Drosophila miranda]
>gi|1036859369|ref|XP_017151218.1| PREDICTED: protein SPT2 homolog [Drosophila miranda]
>gi|1036859350|ref|XP_017151217.1| PREDICTED: uncharacterized protein LOC108161464 [Drosophila
>gi|1036904317|ref|XP_017153717.1| PREDICTED: intraflagellar transport protein 88 homolog [Dros
>gi|1036904357|ref|XP_017153720.1| PREDICTED: lysosome-associated membrane glycoprotein 1 [Dros
>gi|1036904412|ref|XP_017153723.1| PREDICTED: sodium/potassium-transporting ATPase subunit bet
>gi|1036904375|ref|XP_017153721.1| PREDICTED: sodium/potassium-transporting ATPase subunit beta
>gi|1036904394|ref|XP_017153722.1| PREDICTED: sodium/potassium-transporting ATPase subunit bet
>gi|1036904299|ref|XP_017153716.1| PREDICTED: cytosolic 10-formyltetrahydrofolate dehydrogenas
>gi|1036904338|ref|XP_017153718.1| PREDICTED: putative gustatory receptor 39b [Drosophila mirat
>gi|1036902747|ref|XP_017153629.1| PREDICTED: dynein assembly factor 1, axonemal homolog [Dros
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>gi|1036902765|ref|XP 017153630.1| PREDICTED: CD63 antigen [Drosophila miranda]
>gi|1036902785|ref|XP_017153631.1| PREDICTED: CD63 antigen [Drosophila miranda]
>gi|1036859801|ref|XP_017151241.1| PREDICTED: protein dimmed [Drosophila miranda]
>gi|1036905391|ref|XP_017153774.1| PREDICTED: uncharacterized protein LOC108163164 isoform X1
>gi|1036905408|ref|XP_017153775.1| PREDICTED: activating transcription factor of chaperone iso
>gi|1036899313|ref|XP_017153435.1| PREDICTED: carbohydrate-responsive element-binding protein
>gi|1036899332|ref|XP 017153436.1| PREDICTED: carbohydrate-responsive element-binding protein
>gi|1036899350|ref|XP_017153437.1| PREDICTED: carbohydrate-responsive element-binding protein
>gi|1036852612|ref|XP_017150832.1| PREDICTED: gustatory and pheromone receptor 39a-like, partic
>gi|1036899371|ref|XP_017153439.1| PREDICTED: gustatory and pheromone receptor 39a-like [Droso
>gi|1036899390|ref|XP_017153440.1| PREDICTED: gustatory and pheromone receptor 39a-like [Droso
>gi|1036883865|ref|XP_017152573.1| PREDICTED: probable cytochrome P450 6t1 [Drosophila miranda]
>gi|1036883828|ref|XP_017152571.1| PREDICTED: protein FAM102A isoform X4 [Drosophila miranda]
>gi|1036883810|ref|XP_017152570.1| PREDICTED: uncharacterized protein LOC108162369 isoform X3
>gi|1036883792|ref|XP_017152568.1| PREDICTED: uncharacterized protein LOC108162369 isoform X2
>gi|1036883757|ref|XP_017152566.1| PREDICTED: uncharacterized protein LOC108162369 isoform X1
>gi|1036883774|ref|XP_017152567.1| PREDICTED: uncharacterized protein LOC108162369 isoform X1
>gi|1036883846|ref|XP_017152572.1| PREDICTED: uncharacterized protein LOC108162369 isoform X5
>gi|1036883884|ref|XP_017152574.1| PREDICTED: proteasome subunit beta type-3-like [Drosophila 1
>gi|1036883922|ref|XP_017152576.1| PREDICTED: ATP synthase mitochondrial F1 complex assembly f
>gi|1036883903|ref|XP_017152575.1| PREDICTED: uncharacterized protein LOC108162372 [Drosophila
>gi|1036915420|ref|XP 017154328.1| PREDICTED: nuclear hormone receptor FTZ-F1 beta [Drosophila
>gi|1036885996|ref|XP_017152685.1| PREDICTED: extensin isoform X1 [Drosophila miranda]
>gi|1036886015|ref|XP_017152686.1| PREDICTED: extensin isoform X2 [Drosophila miranda]
>gi|1036885977|ref|XP_017152684.1| PREDICTED: microtubule-associated protein futsch [Drosophile]
>gi|1036903357|ref|XP_017153660.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036903375|ref|XP_017153661.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036903303|ref|XP_017153657.1| PREDICTED: uncharacterized protein LOC108163087 [Drosophila
>gi|1036903319|ref|XP_017153658.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036903337|ref|XP_017153659.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036903266|ref|XP_017153654.1| PREDICTED: glutamate receptor ionotropic, kainate 2 [Drosop
>gi|1036903431|ref|XP_017153665.1| PREDICTED: uncharacterized protein C4orf22 homolog [Drosoph
>gi|1036903395|ref|XP 017153662.1| PREDICTED: uncharacterized protein C4orf22 homolog isoform
>gi|1036903413|ref|XP_017153663.1| PREDICTED: uncharacterized protein C4orf22 homolog isoform
>gi|1036903284|ref|XP 017153656.1| PREDICTED: glutamate receptor ionotropic, kainate 2 [Drosop
>gi|1036934073|ref|XP_017155368.1| PREDICTED: glutamate receptor ionotropic, kainate 2 [Drosop
>gi|1036857799|ref|XP_017151144.1| PREDICTED: uncharacterized protein LOC108161404 [Drosophila
>gi|1036933947|ref|XP_017155360.1| PREDICTED: uncharacterized serine-rich protein C215.13-like
>gi|1036933965|ref|XP_017155361.1| PREDICTED: uncharacterized serine-rich protein C215.13-like
>gi|1036934357|ref|XP_017155380.1| PREDICTED: stress response protein NST1 [Drosophila miranda]
>gi|1036934375|ref|XP_017155381.1| PREDICTED: stress response protein NST1 [Drosophila miranda]
>gi|1036934391|ref|XP_017155382.1| PREDICTED: stress response protein NST1 [Drosophila miranda]
>gi|1036932705|ref|XP_017155290.1| PREDICTED: limbic system-associated membrane protein [Droso
>gi|1036918936|ref|XP_017154532.1| PREDICTED: cytochrome P450 6a22 [Drosophila miranda]
>gi|1036918897|ref|XP_017154529.1| PREDICTED: uncharacterized protein LOC108163632 isoform X2
>gi|1036918862|ref|XP_017154527.1| PREDICTED: cell adhesion molecule 2 isoform X1 [Drosophila i
>gi|1036918880|ref|XP_017154528.1| PREDICTED: cell adhesion molecule 2 isoform X1 [Drosophila i
>gi|1036918958|ref|XP_017154533.1| PREDICTED: GTP-binding nuclear protein Ran-like [Drosophila
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>gi|1036918916|ref|XP_017154531.1| PREDICTED: 60 kDa heat shock protein homolog 2, mitochondria
>gi|1036860002|ref|XP_017151252.1| PREDICTED: uncharacterized protein LOC108161490 [Drosophila
>gi|1036862079|ref|XP_017151368.1| PREDICTED: uncharacterized protein LOC108161593 [Drosophila
>gi|1036860638|ref|XP_017151285.1| PREDICTED: beta-1,4-glucuronyltransferase 1-like [Drosophile]
>gi|1036861900|ref|XP_017151358.1| PREDICTED: cyclin-dependent kinase-like 1 isoform X2 [Droso
>gi|1036861919|ref|XP_017151359.1| PREDICTED: cyclin-dependent kinase-like 1 isoform X3 [Droso
>gi|1036861881|ref|XP_017151357.1| PREDICTED: cyclin-dependent kinase-like 1 isoform X1 [Droso
>gi|1036861937|ref|XP_017151360.1| PREDICTED: cyclin-dependent kinase-like 1 isoform X4 [Droso
>gi|1036865855|ref|XP_017151571.1| PREDICTED: uncharacterized protein LOC108161749 [Drosophila
>gi|1036853059|ref|XP_017150860.1| PREDICTED: uncharacterized protein LOC108161149 [Drosophila
>gi|1036917948|ref|XP_017154477.1| PREDICTED: beta-1,4-glucuronyltransferase 1-like [Drosophile]
>gi|1036917891|ref|XP 017154473.1| PREDICTED: beta-1,4-glucuronyltransferase 1-like [Drosophile
>gi|1036917913|ref|XP_017154474.1| PREDICTED: beta-1,4-glucuronyltransferase 1-like [Drosophile]
>gi|1036917930|ref|XP_017154475.1| PREDICTED: beta-1,4-glucuronyltransferase 1-like [Drosophile]
>gi|1036917873|ref|XP_017154472.1| PREDICTED: septin-interacting protein 1-like [Drosophila minus p
>gi|1036917187|ref|XP_017154430.1| PREDICTED: voltage-dependent anion-selective channel [Droso
>gi|1036917165|ref|XP_017154429.1| PREDICTED: voltage-dependent anion-selective channel [Droso
>gi|1036917146|ref|XP_017154428.1| PREDICTED: voltage-dependent anion-selective channel-like [
>gi|1036909622|ref|XP_017154007.1| PREDICTED: LOW QUALITY PROTEIN: leukocyte receptor cluster
>gi|1036920570|ref|XP 017154623.1| PREDICTED: LOW QUALITY PROTEIN: nitric oxide synthase [Dros-
>gi|1036920592|ref|XP_017154624.1| PREDICTED: lysosomal aspartic protease-like [Drosophila mire
>gi|1036928559|ref|XP 017155069.1| PREDICTED: outer dense fiber protein 3-like protein 2 [Dros
>gi|1036928581|ref|XP_017155070.1| PREDICTED: LOW QUALITY PROTEIN: outer dense fiber protein 3
>gi|1036928599|ref|XP_017155071.1| PREDICTED: LOW QUALITY PROTEIN: mucin-5AC [Drosophila miran
>gi|1036863455|ref|XP_017151443.1| PREDICTED: uncharacterized protein LOC108161652 [Drosophila
>gi|1036923968|ref|XP_017154819.1| PREDICTED: ribosome biogenesis protein WDR12 homolog [Droso
>gi|1036917205|ref|XP_017154431.1| PREDICTED: ubiquitin-conjugating enzyme E2-24 kDa [Drosophi
>gi|1036917223|ref|XP_017154432.1| PREDICTED: ubiquitin-conjugating enzyme E2-24 kDa [Drosophi
>gi|1036917241|ref|XP_017154433.1| PREDICTED: ubiquitin-conjugating enzyme E2-24 kDa [Drosophi
>gi|1036917259|ref|XP_017154435.1| PREDICTED: LOW QUALITY PROTEIN: low-density lipoprotein rec
>gi|1036909093|ref|XP_017153976.1| PREDICTED: protein phosphatase 1 regulatory subunit 14B [Dr
>gi|1036909111|ref|XP_017153977.1| PREDICTED: protein phosphatase 1 regulatory subunit 14B [Dre
>gi|1036909129|ref|XP_017153978.1| PREDICTED: zinc finger protein 34 [Drosophila miranda]
>gi|1036898587|ref|XP_017153396.1| PREDICTED: LOW QUALITY PROTEIN: nuclear pore complex protein
>gi|1036898652|ref|XP 017153401.1| PREDICTED: LOW QUALITY PROTEIN: protein dpy-30 homolog [Dro
>gi|1036898633|ref|XP_017153399.1| PREDICTED: ER membrane protein complex subunit 3 [Drosophile
>gi|1036898617|ref|XP 017153398.1| PREDICTED: cilia- and flagella-associated protein 20 [Droso
>gi|1036898602|ref|XP_017153397.1| PREDICTED: protein RTF2 homolog [Drosophila miranda]
>gi|1036931149|ref|XP_017155207.1| PREDICTED: lipase member H-A [Drosophila miranda]
>gi|1036853078|ref|XP_017150861.1| PREDICTED: perlucin-like protein [Drosophila miranda]
>gi|1036927574|ref|XP_017155021.1| PREDICTED: lipase 1 [Drosophila miranda]
>gi|1036927556|ref|XP_017155020.1| PREDICTED: aminomethyltransferase, mitochondrial [Drosophile
>gi|1036927539|ref|XP_017155019.1| PREDICTED: lipase 1 [Drosophila miranda]
>gi|1036935599|ref|XP_017155455.1| PREDICTED: uncharacterized protein LOC108164315 [Drosophila
>gi|1036935582|ref|XP_017155454.1| PREDICTED: keratin, type I cytoskeletal 9-like [Drosophila 1
>gi|1036908912|ref|XP_017153966.1| PREDICTED: glycine-rich cell wall structural protein [Droso
>gi|1036908967|ref|XP_017153969.1| PREDICTED: glycine-rich cell wall structural protein 2-like
>gi|1036908932|ref|XP_017153967.1| PREDICTED: acanthoscurrin-2-like [Drosophila miranda]
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>gi|1036909006|ref|XP_017153971.1| PREDICTED: glycine-rich cell wall structural protein 2-like
>gi|1036908984|ref|XP_017153970.1| PREDICTED: alanine and glycine-rich protein-like [Drosophile
>gi|1036853097|ref|XP_017150863.1| PREDICTED: LOW QUALITY PROTEIN: mucin-5AC, partial [Drosoph
>gi|1036909024|ref|XP_017153973.1| PREDICTED: LOW QUALITY PROTEIN: lipase 3 [Drosophila mirand
>gi|1036909042|ref|XP 017153974.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036908949|ref|XP_017153968.1| PREDICTED: uncharacterized protein LOC108163278 [Drosophila
>gi|1036853117|ref|XP 017150864.1| PREDICTED: LOW QUALITY PROTEIN: lipase 3-like [Drosophila m
>gi|1036890688|ref|XP_017152947.1| PREDICTED: uncharacterized protein LOC108162634 [Drosophila
>gi|1036890707|ref|XP_017152948.1| PREDICTED: lipase 1 [Drosophila miranda]
>gi|1036890668|ref|XP_017152946.1| PREDICTED: LOW QUALITY PROTEIN: E3 ubiquitin-protein ligase
>gi|1036890742|ref|XP_017152950.1| PREDICTED: acylphosphatase-2 [Drosophila miranda]
>gi|1036890761|ref|XP_017152951.1| PREDICTED: uncharacterized protein LOC108162638 [Drosophila
>gi|1036890724|ref|XP_017152949.1| PREDICTED: uncharacterized protein LOC108162636 [Drosophila
>gi|1036935018|ref|XP_017155419.1| PREDICTED: lipase 1 [Drosophila miranda]
>gi|1036929295|ref|XP_017155110.1| PREDICTED: LOW QUALITY PROTEIN: lipase 3-like [Drosophila m
>gi|1036908794|ref|XP_017153962.1| PREDICTED: leucine-rich repeat protein 1 [Drosophila mirand
>gi|1036908774|ref|XP_017153961.1| PREDICTED: LOW QUALITY PROTEIN: long-chain fatty acid trans
>gi|1036897341|ref|XP_017153323.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036897358|ref|XP_017153324.1| PREDICTED: peptidyl-tRNA hydrolase ICT1, mitochondrial [Dros
>gi|1036897324|ref|XP 017153322.1| PREDICTED: LOW QUALITY PROTEIN: ATP-binding cassette sub-fa
>gi|1036901142|ref|XP_017153541.1| PREDICTED: LOW QUALITY PROTEIN: ATP-binding cassette sub-fam
>gi|1036901122|ref|XP 017153540.1| PREDICTED: LOW QUALITY PROTEIN: cell division cycle protein
>gi|1036901160|ref|XP_017153542.1| PREDICTED: LOW QUALITY PROTEIN: group XV phospholipase A2-1
>gi|1036906327|ref|XP_017153833.1| PREDICTED: LOW QUALITY PROTEIN: ras-interacting protein RIP
>gi|1036915456|ref|XP_017154331.1| PREDICTED: transmembrane inner ear expressed protein isoform
>gi|1036915473|ref|XP_017154332.1| PREDICTED: transmembrane inner ear expressed protein isoform
>gi|1036915438|ref|XP_017154330.1| PREDICTED: actin-related protein 2/3 complex subunit 2 [Dros
>gi|1036915128|ref|XP_017154309.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036915143|ref|XP_017154310.1| PREDICTED: calmodulin-lysine N-methyltransferase [Drosophile
>gi|1036915158|ref|XP_017154311.1| PREDICTED: lymphokine-activated killer T-cell-originated pro
>gi|1036853136|ref|XP_017150865.1| PREDICTED: uncharacterized protein LOC108161154 [Drosophila
>gi|1036885345|ref|XP_017152654.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036885392|ref|XP_017152656.1| PREDICTED: LOW QUALITY PROTEIN: la protein homolog [Drosoph
>gi|1036885375|ref|XP_017152655.1| PREDICTED: LOW QUALITY PROTEIN: protein spire [Drosophila m
>gi|1036911992|ref|XP 017154124.1| PREDICTED: protein UXT [Drosophila miranda]
>gi|1036911924|ref|XP_017154121.1| PREDICTED: cingulin isoform X2 [Drosophila miranda]
>gi|1036911906|ref|XP 017154120.1| PREDICTED: golgin subfamily A member 6-like protein 6 isofo
>gi|1036911941|ref|XP_017154123.1| PREDICTED: synaptonemal complex protein 1 isoform X3 [Droso
>gi|1036909075|ref|XP_017153975.1| PREDICTED: LOW QUALITY PROTEIN: cullin-3 [Drosophila mirand
>gi|1036933222|ref|XP_017155322.1| PREDICTED: ribonuclease UK114 [Drosophila miranda]
>gi|1036853154|ref|XP_017150866.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036923363|ref|XP_017154795.1| PREDICTED: uncharacterized protein LOC108163815 [Drosophila
>gi|1036923346|ref|XP_017154794.1| PREDICTED: uncharacterized protein LOC108163814 [Drosophila
>gi|1036853171|ref|XP_017150867.1| PREDICTED: uncharacterized protein LOC108161156 [Drosophila
>gi|1036934593|ref|XP_017155396.1| PREDICTED: uncharacterized protein LOC108164265 [Drosophila
>gi|1036927455|ref|XP_017155013.1| PREDICTED: protein escargot [Drosophila miranda]
>gi|1036861743|ref|XP_017151352.1| PREDICTED: uncharacterized protein LOC108161575 [Drosophila
>gi|1036933397|ref|XP_017155332.1| PREDICTED: zinc finger and SCAN domain-containing protein 1
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>gi|1036934782|ref|XP 017155406.1| PREDICTED: LOW QUALITY PROTEIN: protein-glutamate 0-methylt.
>gi|1036928998|ref|XP_017155094.1| PREDICTED: LOW QUALITY PROTEIN: protein snail [Drosophila m
>gi|1036859296|ref|XP_017151214.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036859315|ref|XP_017151215.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036859334|ref|XP 017151216.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036916049|ref|XP_017154367.1| PREDICTED: LOW QUALITY PROTEIN: serine palmitoyltransferase
>gi|1036922394|ref|XP 017154732.1| PREDICTED: uncharacterized protein LOC108163768 [Drosophila
>gi|1036922376|ref|XP_017154731.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036857634|ref|XP_017151135.1| PREDICTED: LOW QUALITY PROTEIN: zinc metalloproteinase nas-
>gi|1036935087|ref|XP_017155422.1| PREDICTED: high choriolytic enzyme 1-like [Drosophila miran-
>gi|1036858775|ref|XP_017151184.1| PREDICTED: zinc metalloproteinase nas-4-like [Drosophila mi
>gi|1036934510|ref|XP_017155390.1| PREDICTED: LOW QUALITY PROTEIN: zinc metalloproteinase nas-
>gi|1036853190|ref|XP_017150868.1| PREDICTED: LOW QUALITY PROTEIN: astacin-like metalloproteas
>gi|1036934492|ref|XP_017155389.1| PREDICTED: odorant receptor 35a [Drosophila miranda]
>gi|1036860675|ref|XP_017151288.1| PREDICTED: zinc metalloproteinase nas-4-like [Drosophila mi
>gi|1036853209|ref|XP_017150869.1| PREDICTED: LOW QUALITY PROTEIN: zinc metalloproteinase nas-
>gi|1036932760|ref|XP_017155294.1| PREDICTED: uncharacterized protein LOC108164187 [Drosophila
>gi|1036924109|ref|XP_017154827.1| PREDICTED: synaptotagmin 1 isoform X1 [Drosophila miranda]
>gi|1036924158|ref|XP_017154828.1| PREDICTED: synaptotagmin 1 isoform X1 [Drosophila miranda]
>gi|1036924174|ref|XP_017154829.1| PREDICTED: synaptotagmin 1 isoform X1 [Drosophila miranda]
>gi|1036924192|ref|XP_017154830.1| PREDICTED: synaptotagmin 1 isoform X1 [Drosophila miranda]
>gi|1036924210|ref|XP_017154831.1| PREDICTED: synaptotagmin 1 isoform X2 [Drosophila miranda]
>gi|1036924248|ref|XP_017154833.1| PREDICTED: synaptotagmin 1 isoform X4 [Drosophila miranda]
>gi|1036924228|ref|XP_017154832.1| PREDICTED: synaptotagmin 1 isoform X3 [Drosophila miranda]
>gi|1036924266|ref|XP_017154834.1| PREDICTED: synaptotagmin 1 isoform X5 [Drosophila miranda]
>gi|1036922713|ref|XP_017154755.1| PREDICTED: rab-like protein 3 [Drosophila miranda]
>gi|1036922733|ref|XP_017154756.1| PREDICTED: rab-like protein 3 [Drosophila miranda]
>gi|1036922789|ref|XP_017154759.1| PREDICTED: histidine triad nucleotide-binding protein 1 iso
>gi|1036922771|ref|XP_017154758.1| PREDICTED: histidine triad nucleotide-binding protein 1 iso
>gi|1036922751|ref|XP_017154757.1| PREDICTED: LOW QUALITY PROTEIN: transcription initiation fa
>gi|1036865116|ref|XP_017151529.1| PREDICTED: transcription initiation factor TFIID subunit 10
>gi|1036865078|ref|XP_017151526.1| PREDICTED: gamma-secretase subunit Aph-1 [Drosophila mirand
>gi|1036865057|ref|XP 017151525.1| PREDICTED: sorting nexin-21 [Drosophila miranda]
>gi|1036865039|ref|XP_017151524.1| PREDICTED: transportin-3 [Drosophila miranda]
>gi|1036865135|ref|XP_017151530.1| PREDICTED: SNAPIN protein homolog [Drosophila miranda]
>gi|1036865097|ref|XP_017151528.1| PREDICTED: hemK methyltransferase family member 2 [Drosophi
>gi|1036853228|ref|XP 017150870.1| PREDICTED: uncharacterized protein LOC108161160 [Drosophila
>gi|1036865269|ref|XP_017151538.1| PREDICTED: prothymosin alpha-B [Drosophila miranda]
>gi|1036865251|ref|XP_017151537.1| PREDICTED: phosphoglycerate kinase [Drosophila miranda]
>gi|1036865232|ref|XP_017151536.1| PREDICTED: pre-mRNA-splicing factor CWC25 homolog [Drosophi
>gi|1036853247|ref|XP_017150871.1| PREDICTED: LOW QUALITY PROTEIN: phosphoglycerate kinase [Dr
>gi|1036865154|ref|XP_017151531.1| PREDICTED: LOW QUALITY PROTEIN: hepatocyte growth factor-re
>gi|1036865175|ref|XP 017151532.1| PREDICTED: ATP-binding cassette sub-family G member 1 [Drose
>gi|1036865194|ref|XP_017151533.1| PREDICTED: ATP-binding cassette sub-family G member 1 [Dros
>gi|1036865213|ref|XP_017151534.1| PREDICTED: ATP-binding cassette sub-family G member 1 [Dros
>gi|1036931697|ref|XP_017155239.1| PREDICTED: LOW QUALITY PROTEIN: transmembrane and TPR repea
>gi|1036931673|ref|XP_017155238.1| PREDICTED: TBP-related factor [Drosophila miranda]
>gi|1036933204|ref|XP_017155321.1| PREDICTED: putative gustatory receptor 23a, isoforms A/C [Di
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>gi|1036933043|ref|XP_017155311.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017155311.1]
>gi|1036933124|ref|XP_017155316.1| PREDICTED: uncharacterized protein LOC108164200 isoform X6
>gi|1036933110|ref|XP_017155315.1| PREDICTED: uncharacterized protein LOC108164200 isoform X5
>gi|1036933079|ref|XP_017155313.1| PREDICTED: uncharacterized protein LOC108164200 isoform X3
>gi|1036933061|ref|XP 017155312.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dref|XP 017155312.1]
>gi|1036933096|ref|XP_017155314.1| PREDICTED: uncharacterized protein LOC108164200 isoform X4
>gi|1036933171|ref|XP 017155319.1| PREDICTED: uncharacterized protein LOC108164200 isoform X9
>gi|1036933152|ref|XP_017155318.1| PREDICTED: uncharacterized protein LOC108164200 isoform X8
>gi|1036933138|ref|XP_017155317.1| PREDICTED: uncharacterized protein LOC108164200 isoform X7
>gi|1036860729|ref|XP_017151291.1| PREDICTED: probable proteasome subunit beta type-2 [Drosoph
>gi|1036853266|ref|XP_017150872.1| PREDICTED: LOW QUALITY PROTEIN: odorant receptor 23a [Droso
>gi|1036932811|ref|XP_017155296.1| PREDICTED: uncharacterized protein LOC108164190 isoform X1
>gi|1036932829|ref|XP_017155297.1| PREDICTED: uncharacterized protein LOC108164190 isoform X2
>gi|1036853285|ref|XP_017150874.1| PREDICTED: uncharacterized protein LOC108161163 [Drosophila
>gi|1036853302|ref|XP_017150875.1| PREDICTED: uncharacterized protein LOC108161164 [Drosophila
>gi|1036860375|ref|XP_017151271.1| PREDICTED: uncharacterized protein LOC108161506 [Drosophila
>gi|1036863694|ref|XP_017151451.1| PREDICTED: uncharacterized protein LOC108161664 [Drosophila
>gi|1036881447|ref|XP_017152437.1| PREDICTED: uncharacterized protein LOC108162288 [Drosophila
>gi|1036881315|ref|XP_017152429.1| PREDICTED: dynamin-1-like protein [Drosophila miranda]
>gi|1036881409|ref|XP 017152435.1| PREDICTED: actin-related protein 2/3 complex subunit 5 [Dros
>gi|1036881428|ref|XP_017152436.1| PREDICTED: probable NADH dehydrogenase [ubiquinone] 1 alpha
>gi|1036881333|ref|XP 017152430.1| PREDICTED: LOW QUALITY PROTEIN: early boundary activity pro-
>gi|1036881352|ref|XP_017152431.1| PREDICTED: LOW QUALITY PROTEIN: protein insensitive [Drosop
>gi|1036881390|ref|XP_017152433.1| PREDICTED: uncharacterized protein LOC108162285 [Drosophila
>gi|1036881371|ref|XP_017152432.1| PREDICTED: cell cycle checkpoint protein RAD1 [Drosophila m
>gi|1036881466|ref|XP_017152438.1| PREDICTED: probable cytochrome P450 309a2 [Drosophila mirane
>gi|1036881484|ref|XP_017152439.1| PREDICTED: LOW QUALITY PROTEIN: probable cytochrome P450 30
>gi|1036857963|ref|XP_017151153.1| PREDICTED: ficolin-1-like [Drosophila miranda]
>gi|1036853319|ref|XP_017150876.1| PREDICTED: uncharacterized protein LOC108161165 [Drosophila
>gi|1036861336|ref|XP_017151327.1| PREDICTED: uncharacterized protein C4orf22 homolog [Drosoph
>gi|1036861354|ref|XP_017151328.1| PREDICTED: uncharacterized protein C4orf22 homolog [Drosoph
>gi|1036922142|ref|XP_017154716.1| PREDICTED: LOW QUALITY PROTEIN: out at first protein [Droso
>gi|1036920177|ref|XP_017154599.1| PREDICTED: LOW QUALITY PROTEIN: protein sly1 homolog [Droso
>gi|1036914448|ref|XP_017154265.1| PREDICTED: protein decapentaplegic [Drosophila miranda]
>gi|1036914466|ref|XP 017154266.1| PREDICTED: protein decapentaplegic [Drosophila miranda]
>gi|1036914484|ref|XP_017154267.1| PREDICTED: protein decapentaplegic [Drosophila miranda]
>gi|1036925700|ref|XP 017154911.1| PREDICTED: LOW QUALITY PROTEIN: glycerate kinase [Drosophile
>gi|1036926817|ref|XP_017154976.1| PREDICTED: LOW QUALITY PROTEIN: pancreatic triacylglycerol:
>gi|1036853338|ref|XP_017150877.1| PREDICTED: pancreatic triacylglycerol lipase [Drosophila mi
>gi|1036933930|ref|XP_017155359.1| PREDICTED: LOW QUALITY PROTEIN: pancreatic triacylglycerol
>gi|1036932138|ref|XP_017155259.1| PREDICTED: vesicular glutamate transporter 1 [Drosophila mi
>gi|1036932146|ref|XP_017155260.1| PREDICTED: vesicular glutamate transporter 1 [Drosophila mi
>gi|1036932160|ref|XP_017155261.1| PREDICTED: vesicular glutamate transporter 1 [Drosophila mi
>gi|1036932178|ref|XP_017155262.1| PREDICTED: vesicular glutamate transporter 1 [Drosophila mi
>gi|1036921160|ref|XP_017154660.1| PREDICTED: uncharacterized protein LOC108163721 [Drosophila
>gi|1036921142|ref|XP_017154659.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein At4
>gi|1036853357|ref|XP_017150878.1| PREDICTED: uncharacterized protein LOC108161167 [Drosophila
>gi|1036920514|ref|XP_017154620.1| PREDICTED: LOW QUALITY PROTEIN: EGF domain-specific O-linker
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>gi|1036909220|ref|XP_017153984.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036909238|ref|XP_017153985.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036909260|ref|XP_017153986.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036909278|ref|XP_017153987.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036909294|ref|XP 017153988.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036909312|ref|XP_017153989.1| PREDICTED: uncharacterized protein LOC108163294 [Drosophila
>gi|1036886033|ref|XP 017152688.1| PREDICTED: LOW QUALITY PROTEIN: piezo-type mechanosensitive
>gi|1036886052|ref|XP_017152689.1| PREDICTED: uncharacterized protein LOC108162456 isoform X1
>gi|1036886071|ref|XP_017152690.1| PREDICTED: uncharacterized protein LOC108162456 isoform X2
>gi|1036883434|ref|XP_017152547.1| PREDICTED: uncharacterized protein LOC108162352 isoform X4
>gi|1036883418|ref|XP_017152546.1| PREDICTED: protein Hook homolog 1 isoform X3 [Drosophila mi
>gi|1036883384|ref|XP 017152543.1| PREDICTED: protein Hook homolog 1 isoform X1 [Drosophila mi
>gi|1036883400|ref|XP_017152544.1| PREDICTED: protein Hook homolog 1 isoform X2 [Drosophila mi
>gi|1036883490|ref|XP_017152550.1| PREDICTED: LOW QUALITY PROTEIN: 26S proteasome non-ATPase re
>gi|1036883526|ref|XP_017152552.1| PREDICTED: histone H3.3 [Drosophila miranda]
>gi|1036883580|ref|XP 017152555.1| PREDICTED: gametocyte-specific factor 1 [Drosophila miranda
>gi|1036883453|ref|XP_017152548.1| PREDICTED: CMP-sialic acid transporter 1 [Drosophila mirand
>gi|1036883472|ref|XP 017152549.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036883346|ref|XP_017152541.1| PREDICTED: receptor-interacting serine/threonine-protein ki
>gi|1036883365|ref|XP_017152542.1| PREDICTED: ankyrin repeat, PH and SEC7 domain containing pr
>gi|1036883509|ref|XP_017152551.1| PREDICTED: ankyrin repeat domain-containing protein 39 [Dros
>gi|1036883544|ref|XP 017152553.1| PREDICTED: uncharacterized protein LOC108162359 [Drosophila
>gi|1036883562|ref|XP_017152554.1| PREDICTED: uncharacterized protein LOC108162360 [Drosophila
>gi|1036898431|ref|XP_017153386.1| PREDICTED: reticulocalbin-2 isoform X1 [Drosophila miranda]
>gi|1036898465|ref|XP_017153388.1| PREDICTED: LOW QUALITY PROTEIN: malate dehydrogenase, mitoc
>gi|1036898448|ref|XP_017153387.1| PREDICTED: reticulocalbin-2 isoform X2 [Drosophila miranda]
>gi|1036898482|ref|XP_017153390.1| PREDICTED: SPRY domain-containing SOCS box protein 3 [Droso
>gi|1036898499|ref|XP_017153391.1| PREDICTED: uncharacterized protein LOC108162920 [Drosophila
>gi|1036898414|ref|XP_017153385.1| PREDICTED: LOW QUALITY PROTEIN: collagen alpha-1(IV) chain
>gi|1036869603|ref|XP_017151781.1| PREDICTED: collagen alpha-1(III) chain [Drosophila miranda]
>gi|1036869717|ref|XP_017151788.1| PREDICTED: selT-like protein [Drosophila miranda]
>gi|1036869774|ref|XP_017151792.1| PREDICTED: general transcription factor IIH subunit 5 isofo
>gi|1036869757|ref|XP_017151791.1| PREDICTED: general transcription factor IIH subunit 5 isofo
>gi|1036869738|ref|XP_017151789.1| PREDICTED: zinc finger HIT domain-containing protein 1 [Dros
>gi|1036869698|ref|XP 017151787.1| PREDICTED: LOW QUALITY PROTEIN: reticulon-1 [Drosophila mire
>gi|1036869679|ref|XP_017151786.1| PREDICTED: UHRF1-binding protein 1-like isoform X4 [Drosoph
>gi|1036869641|ref|XP_017151784.1| PREDICTED: UHRF1-binding protein 1 isoform X2 [Drosophila m
>gi|1036869660|ref|XP_017151785.1| PREDICTED: UHRF1-binding protein 1-like isoform X3 [Drosoph
>gi|1036869622|ref|XP_017151783.1| PREDICTED: UHRF1-binding protein 1 isoform X1 [Drosophila m
>gi|1036922611|ref|XP_017154748.1| PREDICTED: LOW QUALITY PROTEIN: UBX domain-containing prote
>gi|1036871883|ref|XP_017151915.1| PREDICTED: inosine triphosphate pyrophosphatase [Drosophila
>gi|1036871867|ref|XP_017151914.1| PREDICTED: mannose-P-dolichol utilization defect 1 protein 3
>gi|1036871770|ref|XP_017151907.1| PREDICTED: GDP-mannose 4,6 dehydratase [Drosophila miranda]
>gi|1036871820|ref|XP_017151911.1| PREDICTED: LOW QUALITY PROTEIN: 39S ribosomal protein L28, 1
>gi|1036871899|ref|XP_017151916.1| PREDICTED: LOW QUALITY PROTEIN: DAZ-associated protein 2 [Di
>gi|1036871801|ref|XP_017151909.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036871835|ref|XP_017151912.1| PREDICTED: protein SC01 homolog, mitochondrial [Drosophila i
>gi|1036871786|ref|XP_017151908.1| PREDICTED: DNA-directed RNA polymerases I and III subunit R
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>gi|1036871852|ref|XP_017151913.1| PREDICTED: uncharacterized protein LOC108161965 [Drosophila
>gi|1036871751|ref|XP_017151906.1| PREDICTED: LOW QUALITY PROTEIN: protein KBP homolog [Drosop
>gi|1036871712|ref|XP_017151904.1| PREDICTED: LOW QUALITY PROTEIN: cilia- and flagella-associa
>gi|1036871732|ref|XP_017151905.1| PREDICTED: LOW QUALITY PROTEIN: SWI/SNF-related matrix-asso
>gi|1036934191|ref|XP 017155372.1| PREDICTED: serine proteases 1/2 [Drosophila miranda]
>gi|1036926833|ref|XP_017154978.1| PREDICTED: serine proteases 1/2 [Drosophila miranda]
>gi|1036926851|ref|XP 017154979.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 subunit C2 [Dre
>gi|1036906134|ref|XP_017153822.1| PREDICTED: LOW QUALITY PROTEIN: protein mothers against dpp
>gi|1036921937|ref|XP_017154705.1| PREDICTED: probable tyrosyl-DNA phosphodiesterase [Drosophi
>gi|1036920063|ref|XP_017154592.1| PREDICTED: abhydrolase domain-containing protein 2 [Drosoph
>gi|1036920081|ref|XP_017154593.1| PREDICTED: uncharacterized protein LOC108163678 [Drosophila
>gi|1036920101|ref|XP_017154594.1| PREDICTED: uncharacterized protein LOC108163679 [Drosophila
>gi|1036857909|ref|XP_017151150.1| PREDICTED: uncharacterized protein LOC108161409 isoform X2
>gi|1036857890|ref|XP_017151148.1| PREDICTED: uncharacterized protein LOC108161409 isoform X1
>gi|1036853376|ref|XP_017150879.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036933555|ref|XP_017155341.1| PREDICTED: uncharacterized protein LOC108164219 [Drosophila
>gi|1036933573|ref|XP_017155342.1| PREDICTED: uncharacterized protein LOC108164219 [Drosophila
>gi|1036924575|ref|XP_017154853.1| PREDICTED: uncharacterized protein LOC108163847 [Drosophila
>gi|1036924557|ref|XP_017154852.1| PREDICTED: LOW QUALITY PROTEIN: otopetrin-2 [Drosophila mire
>gi|1036935807|ref|XP 017155466.1| PREDICTED: uncharacterized protein LOC108164324 [Drosophila
>gi|1036911835|ref|XP_017154119.1| PREDICTED: uncharacterized protein LOC108163377 [Drosophila
>gi|1036911800|ref|XP 017154116.1| PREDICTED: eukaryotic translation initiation factor 4E-like
>gi|1036853394|ref|XP_017150880.1| PREDICTED: uncharacterized protein LOC108161171 [Drosophila
>gi|1036853413|ref|XP 017150881.1| PREDICTED: vesicle-associated membrane protein-associated protein-associa
>gi|1036853432|ref|XP_017150883.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036911818|ref|XP_017154118.1| PREDICTED: LOW QUALITY PROTEIN: pupal cuticle protein Edg-78
>gi|1036911783|ref|XP_017154115.1| PREDICTED: LOW QUALITY PROTEIN: DNA-directed RNA polymerase
>gi|1036890129|ref|XP_017152917.1| PREDICTED: LOW QUALITY PROTEIN: multiple epidermal growth for
>gi|1036874961|ref|XP_017152088.1| PREDICTED: LOW QUALITY PROTEIN: protein purity of essence [
>gi|1036892670|ref|XP_017153063.1| PREDICTED: LOW QUALITY PROTEIN: TBP-related factor [Drosoph
>gi|1036892650|ref|XP_017153062.1| PREDICTED: LOW QUALITY PROTEIN: CD109 antigen [Drosophila m
>gi|1036883740|ref|XP_017152565.1| PREDICTED: LOW QUALITY PROTEIN: neuroplastin [Drosophila mi
>gi|1036883721|ref|XP_017152564.1| PREDICTED: trithorax group protein osa-like [Drosophila mire
>gi|1036906435|ref|XP_017153839.1| PREDICTED: LOW QUALITY PROTEIN: protein MON2 homolog [Droso
>gi|1036889367|ref|XP 017152873.1| PREDICTED: centrosome-associated zinc finger protein CP190-
>gi|1036889313|ref|XP_017152870.1| PREDICTED: beta-1,3-galactosyltransferase 1-like isoform X1
>gi|1036889330|ref|XP_017152871.1| PREDICTED: beta-1,3-galactosyltransferase 1-like isoform X2
>gi|1036889348|ref|XP_017152872.1| PREDICTED: beta-1,3-galactosyltransferase 1-like isoform X3
>gi|1036889258|ref|XP_017152867.1| PREDICTED: beta-1,3-galactosyltransferase 5-like isoform X1
>gi|1036889296|ref|XP_017152869.1| PREDICTED: uncharacterized protein LOC108162574 isoform X3
>gi|1036889277|ref|XP_017152868.1| PREDICTED: beta-1,3-galactosyltransferase 1-like isoform X2
>gi|1036889240|ref|XP_017152865.1| PREDICTED: LOW QUALITY PROTEIN: UDP-GlcNAc:betaGal beta-1,3
>gi|1036889478|ref|XP 017152880.1| PREDICTED: beta-1,3-galactosyltransferase 5-like [Drosophile
>gi|1036889403|ref|XP_017152875.1| PREDICTED: beta-1,3-galactosyltransferase 5-like isoform X2
>gi|1036889442|ref|XP_017152878.1| PREDICTED: beta-1,3-galactosyltransferase 5-like isoform X4
>gi|1036889385|ref|XP_017152874.1| PREDICTED: beta-1,3-galactosyltransferase 5-like isoform X1
>gi|1036889423|ref|XP_017152877.1| PREDICTED: beta-1,3-galactosyltransferase 5-like isoform X3
>gi|1036889460|ref|XP_017152879.1| PREDICTED: LOW QUALITY PROTEIN: beta-1,3-galactosyltransfer
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>gi|1036871918|ref|XP 017151917.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036871988|ref|XP_017151922.1| PREDICTED: complement component 1 Q subcomponent-binding pro
>gi|1036872005|ref|XP_017151923.1| PREDICTED: radial spoke head 1 homolog [Drosophila miranda]
>gi|1036871971|ref|XP_017151920.1| PREDICTED: LOW QUALITY PROTEIN: UDP-N-acetylglucosamine--do
>gi|1036871952|ref|XP 017151919.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036871935|ref|XP_017151918.1| PREDICTED: sorting nexin-29 [Drosophila miranda]
>gi|1036872023|ref|XP 017151924.1| PREDICTED: LOW QUALITY PROTEIN: polycomb protein Sfmbt [Dro
>gi|1036905926|ref|XP_017153809.1| PREDICTED: NAD-dependent histone deacetylase Sir2 [Drosophi
>gi|1036921560|ref|XP_017154683.1| PREDICTED: dnaJ homolog subfamily A member 2 [Drosophila mi
>gi|1036921524|ref|XP_017154681.1| PREDICTED: protein hunchback [Drosophila miranda]
>gi|1036921542|ref|XP_017154682.1| PREDICTED: protein hunchback [Drosophila miranda]
>gi|1036853451|ref|XP 017150884.1| PREDICTED: glycogen synthase kinase-3 alpha [Drosophila mire
>gi|1036859818|ref|XP_017151242.1| PREDICTED: uncharacterized protein LOC108161483 isoform X1
>gi|1036859835|ref|XP_017151243.1| PREDICTED: uncharacterized protein LOC108161483 isoform X2
>gi|1036932687|ref|XP_017155289.1| PREDICTED: beta-1,3-galactosyltransferase 5-like [Drosophile]
>gi|1036932649|ref|XP 017155287.1| PREDICTED: uncharacterized protein LOC108164180 [Drosophila
>gi|1036932667|ref|XP_017155288.1| PREDICTED: uncharacterized protein LOC108164182 [Drosophila
>gi|1036930190|ref|XP_017155155.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036934017|ref|XP_017155365.1| PREDICTED: uncharacterized protein LOC108164241 [Drosophila
>gi|1036933999|ref|XP 017155364.1| PREDICTED: tetratricopeptide repeat protein 30 homolog [Dro
>gi|1036853470|ref|XP_017150885.1| PREDICTED: uncharacterized protein LOC108161175 [Drosophila
>gi|1036891222|ref|XP 017152979.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036926066|ref|XP_017154935.1| PREDICTED: uncharacterized protein LOC108163918 [Drosophila
>gi|1036884971|ref|XP 017152633.1| PREDICTED: LOW QUALITY PROTEIN: ubiquitin conjugation factor
>gi|1036884950|ref|XP_017152632.1| PREDICTED: LOW QUALITY PROTEIN: target of rapamycin [Drosop
>gi|1036907989|ref|XP_017153918.1| PREDICTED: LOW QUALITY PROTEIN: V-type proton ATPase cataly
>gi|1036908025|ref|XP_017153920.1| PREDICTED: uncharacterized protein LOC108163260 isoform X2
>gi|1036908007|ref|XP_017153919.1| PREDICTED: protein YIPF5 isoform X1 [Drosophila miranda]
>gi|1036931336|ref|XP_017155217.1| PREDICTED: LOW QUALITY PROTEIN: V-type proton ATPase cataly
>gi|1036917331|ref|XP_017154439.1| PREDICTED: V-type proton ATPase catalytic subunit A isoform
>gi|1036917349|ref|XP_017154440.1| PREDICTED: V-type proton ATPase catalytic subunit A isoform
>gi|1036926795|ref|XP_017154975.1| PREDICTED: LOW QUALITY PROTEIN: adenylate cyclase type 7-li
>gi|1036864478|ref|XP 017151492.1| PREDICTED: cylicin-2 [Drosophila miranda]
>gi|1036863713|ref|XP_017151452.1| PREDICTED: uncharacterized protein LOC108161666 [Drosophila
>gi|1036926572|ref|XP 017154962.1| PREDICTED: adenylate cyclase type 2-like isoform X1 [Drosop
>gi|1036926592|ref|XP_017154963.1| PREDICTED: adenylate cyclase type 2-like isoform X2 [Drosop
>gi|1036853488|ref|XP_017150887.1| PREDICTED: adenylate cyclase type 5-like [Drosophila mirand
>gi|1036926610|ref|XP_017154964.1| PREDICTED: adenylate cyclase type 8-like isoform X1 [Drosop
>gi|1036926630|ref|XP_017154965.1| PREDICTED: uncharacterized protein LOC108163939 isoform X2
>gi|1036859646|ref|XP_017151233.1| PREDICTED: vesicle-associated membrane protein-associated p
>gi|1036859665|ref|XP_017151234.1| PREDICTED: vesicle-associated membrane protein-associated p
>gi|1036927753|ref|XP_017155031.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036861447|ref|XP 017151333.1| PREDICTED: uncharacterized protein LOC108161561 isoform X1
>gi|1036861464|ref|XP_017151334.1| PREDICTED: uncharacterized protein LOC108161561 isoform X2
>gi|1036859201|ref|XP_017151209.1| PREDICTED: LOW QUALITY PROTEIN: beta-1,4-glucuronyltransfer
>gi|1036930218|ref|XP_017155157.1| PREDICTED: zinc finger protein 189-like isoform X2 [Drosoph
>gi|1036930204|ref|XP_017155156.1| PREDICTED: zinc finger protein 510-like isoform X1 [Drosoph
>gi|1036853505|ref|XP_017150888.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
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>gi|1036930232|ref|XP_017155158.1| PREDICTED: uncharacterized protein LOC108164084 [Drosophila
>gi|1036930248|ref|XP_017155159.1| PREDICTED: uncharacterized protein LOC108164084 [Drosophila
>gi|1036861661|ref|XP_017151347.1| PREDICTED: LOW QUALITY PROTEIN: multidrug resistance-association
>gi|1036861521|ref|XP_017151338.1| PREDICTED: PIH1 domain-containing protein 1 isoform X2 [Dros
>gi|1036861540|ref|XP 017151339.1| PREDICTED: PIH1 domain-containing protein 1 isoform X3 [Drop
>gi|1036861502|ref|XP_017151337.1| PREDICTED: pre-mRNA 3' end processing protein WDR33 isoform
>gi|1036861559|ref|XP 017151340.1| PREDICTED: probable cyclin-dependent serine/threonine-prote
>gi|1036861578|ref|XP_017151341.1| PREDICTED: GATA zinc finger domain-containing protein 14 is
>gi|1036861625|ref|XP_017151345.1| PREDICTED: phosphatidylethanolamine-binding protein 1 [Dros
>gi|1036861609|ref|XP_017151344.1| PREDICTED: LOW QUALITY PROTEIN: magnesium transporter NIPA2
>gi|1036861678|ref|XP_017151348.1| PREDICTED: LOW QUALITY PROTEIN: spermatogenesis-associated
>gi|1036861593|ref|XP_017151342.1| PREDICTED: thiamine transporter 1 [Drosophila miranda]
>gi|1036861642|ref|XP_017151346.1| PREDICTED: proteasome subunit alpha type-2-like [Drosophila
>gi|1036925819|ref|XP_017154920.1| PREDICTED: PRKCA-binding protein isoform X2 [Drosophila mire
>gi|1036925801|ref|XP_017154919.1| PREDICTED: PRKCA-binding protein isoform X1 [Drosophila mire
>gi|1036925838|ref|XP_017154921.1| PREDICTED: uncharacterized protein LOC108163905 [Drosophila
>gi|1036911753|ref|XP_017154113.1| PREDICTED: intraflagellar transport protein 43 homolog [Dros
>gi|1036911765|ref|XP_017154114.1| PREDICTED: PITH domain-containing protein GA19395 [Drosophi
>gi|1036911739|ref|XP_017154112.1| PREDICTED: T-complex protein 1 subunit delta [Drosophila mi
>gi|1036924893|ref|XP 017154870.1| PREDICTED: uncharacterized protein LOC108163865 [Drosophila
>gi|1036924963|ref|XP_017154874.1| PREDICTED: barrier-to-autointegration factor-like [Drosophi
>gi|1036924983|ref|XP_017154875.1| PREDICTED: barrier-to-autointegration factor-like [Drosophi
>gi|1036925003|ref|XP_017154876.1| PREDICTED: barrier-to-autointegration factor-like [Drosophi
>gi|1036924945|ref|XP_017154873.1| PREDICTED: uncharacterized protein LOC108163868 [Drosophila
>gi|1036924911|ref|XP_017154871.1| PREDICTED: protein ariadne-1-like [Drosophila miranda]
>gi|1036924927|ref|XP_017154872.1| PREDICTED: protein ariadne-1-like [Drosophila miranda]
>gi|1036863532|ref|XP_017151446.1| PREDICTED: tripartite motif-containing protein 40-like [Dros
>gi|1036863476|ref|XP_017151444.1| PREDICTED: tripartite motif-containing protein 40-like [Dros
>gi|1036859459|ref|XP_017151224.1| PREDICTED: protein phosphatase inhibitor 2 [Drosophila mirates
>gi|1036853522|ref|XP_017150889.1| PREDICTED: uncharacterized protein LOC108161179 [Drosophila
>gi|1036853539|ref|XP_017150890.1| PREDICTED: uncharacterized protein CG31750 [Drosophila mirated
>gi|1036853555|ref|XP_017150891.1| PREDICTED: putative gustatory receptor 36a [Drosophila mirat
>gi|1036862779|ref|XP 017151407.1| PREDICTED: uncharacterized protein LOC108161619 [Drosophila
>gi|1036935250|ref|XP_017155431.1| PREDICTED: uncharacterized protein LOC108164295 [Drosophila
>gi|1036934157|ref|XP 017155370.1| PREDICTED: uncharacterized protein LOC108164246 [Drosophila
>gi|1036853572|ref|XP_017150892.1| PREDICTED: transcription initiation factor TFIID subunit 5-
>gi|1036924284|ref|XP_017154836.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1036853588|ref|XP_017150894.1| PREDICTED: uncharacterized protein LOC108161184 [Drosophila
>gi|1036862852|ref|XP_017151410.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036888672|ref|XP_017152832.1| PREDICTED: uncharacterized protein LOC108162553 isoform X2
>gi|1036888655|ref|XP_017152831.1| PREDICTED: uncharacterized protein LOC108162553 isoform X1
>gi|1036888689|ref|XP_017152834.1| PREDICTED: uncharacterized protein LOC108162553 isoform X3
>gi|1036888707|ref|XP_017152835.1| PREDICTED: uncharacterized protein LOC108162553 isoform X3
>gi|1036888638|ref|XP_017152830.1| PREDICTED: LOW QUALITY PROTEIN: serine/threonine-protein ki
>gi|1036853605|ref|XP_017150895.1| PREDICTED: integumentary mucin C.1-like, partial [Drosophile]
>gi|1036888744|ref|XP_017152836.1| PREDICTED: uncharacterized protein LOC108162554 [Drosophila
>gi|1036888762|ref|XP_017152837.1| PREDICTED: LOW QUALITY PROTEIN: integrin beta-nu [Drosophile
>gi|1036922413|ref|XP_017154734.1| PREDICTED: estradiol 17-beta-dehydrogenase 11 [Drosophila m
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>gi|1036932776|ref|XP 017155295.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036857414|ref|XP_017151123.1| PREDICTED: uncharacterized protein LOC108161385 [Drosophila
>gi|1036932252|ref|XP_017155266.1| PREDICTED: uncharacterized protein LOC108164166 [Drosophila
>gi|1036932270|ref|XP_017155267.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036866993|ref|XP 017151637.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
>gi|1036867012|ref|XP_017151638.1| PREDICTED: uncharacterized protein LOC108161799 [Drosophila
>gi|1036867104|ref|XP 017151644.1| PREDICTED: uncharacterized protein LOC108161801 isoform X4
>gi|1036867048|ref|XP_017151640.1| PREDICTED: uncharacterized protein LOC108161801 isoform X1
>gi|1036867066|ref|XP_017151642.1| PREDICTED: uncharacterized protein LOC108161801 isoform X2
>gi|1036867086|ref|XP_017151643.1| PREDICTED: uncharacterized protein LOC108161801 isoform X3
>gi|1036867126|ref|XP_017151645.1| PREDICTED: uncharacterized protein LOC108161801 isoform X5
>gi|1036867145|ref|XP_017151646.1| PREDICTED: uncharacterized protein LOC108161801 isoform X5
>gi|1036866976|ref|XP_017151636.1| PREDICTED: WD repeat-containing protein 75 [Drosophila mirated
>gi|1036867164|ref|XP_017151647.1| PREDICTED: uncharacterized protein LOC108161802 [Drosophila
>gi|1036867031|ref|XP_017151639.1| PREDICTED: malectin [Drosophila miranda]
>gi|1036866942|ref|XP_017151634.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036866960|ref|XP_017151635.1| PREDICTED: LOW QUALITY PROTEIN: intersectin-1 [Drosophila m
>gi|1036925126|ref|XP_017154877.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036910439|ref|XP_017154044.1| PREDICTED: probable ATP-dependent RNA helicase DDX47 [Droso
>gi|1036910401|ref|XP 017154042.1| PREDICTED: uncharacterized protein LOC108163323 isoform X3
>gi|1036910421|ref|XP_017154043.1| PREDICTED: uncharacterized protein LOC108163323 isoform X4
>gi|1036910383|ref|XP 017154041.1| PREDICTED: uncharacterized protein LOC108163323 isoform X2
>gi|1036910365|ref|XP_017154040.1| PREDICTED: uncharacterized protein LOC108163323 isoform X1
>gi|1036891563|ref|XP_017152999.1| PREDICTED: transcription factor E2F2 [Drosophila miranda]
>gi|1036891597|ref|XP_017153001.1| PREDICTED: uncharacterized protein LOC108162670 isoform X1
>gi|1036891616|ref|XP_017153002.1| PREDICTED: uncharacterized protein LOC108162670 isoform X2
>gi|1036891635|ref|XP_017153003.1| PREDICTED: M-phase phosphoprotein 6 [Drosophila miranda]
>gi|1036891580|ref|XP_017153000.1| PREDICTED: ubiquinone biosynthesis O-methyltransferase [Dros
>gi|1036891545|ref|XP_017152997.1| PREDICTED: phospholipase D3 [Drosophila miranda]
>gi|1036891527|ref|XP 017152996.1| PREDICTED: exonuclease mut-7 homolog [Drosophila miranda]
>gi|1036893713|ref|XP_017153119.1| PREDICTED: LOW QUALITY PROTEIN: nucleolar complex protein 2
>gi|1036893742|ref|XP_017153122.1| PREDICTED: mimitin, mitochondrial [Drosophila miranda]
>gi|1036893727|ref|XP_017153120.1| PREDICTED: LOW QUALITY PROTEIN: phospholipase D3 [Drosophile
>gi|1036893699|ref|XP_017153118.1| PREDICTED: probable aconitate hydratase, mitochondrial [Dros
>gi|1036933981|ref|XP 017155362.1| PREDICTED: uncharacterized protein LOC108164239 [Drosophila
>gi|1036869397|ref|XP_017151769.1| PREDICTED: GMP synthase [glutamine-hydrolyzing] [Drosophila
>gi|1036869251|ref|XP 017151760.1| PREDICTED: protein MCM10 homolog [Drosophila miranda]
>gi|1036869269|ref|XP_017151761.1| PREDICTED: protein MCM10 homolog [Drosophila miranda]
>gi|1036869194|ref|XP_017151756.1| PREDICTED: uncharacterized protein LOC108161877 [Drosophila
>gi|1036869213|ref|XP_017151757.1| PREDICTED: uncharacterized protein LOC108161877 [Drosophila
>gi|1036869232|ref|XP_017151758.1| PREDICTED: uncharacterized protein LOC108161877 [Drosophila
>gi|1036869380|ref|XP_017151768.1| PREDICTED: uncharacterized protein LOC108161885 [Drosophila
>gi|1036869362|ref|XP 017151766.1| PREDICTED: uncharacterized protein LOC108161882 [Drosophila
>gi|1036869303|ref|XP_017151763.1| PREDICTED: uncharacterized protein LOC108161880 [Drosophila
>gi|1036869345|ref|XP_017151765.1| PREDICTED: glucosamine-6-phosphate isomerase isoform X2 [Dref|XP_017151765.1]
>gi|1036869322|ref|XP_017151764.1| PREDICTED: glucosamine-6-phosphate isomerase isoform X1 [Dref|XP_017151764.1| PREDICTED: glucosamine-6-phosphate isomerase isoform X1 [Dref|XP_017151764.1]
>gi|1036869287|ref|XP_017151762.1| PREDICTED: lamin Dm0 [Drosophila miranda]
>gi|1036867693|ref|XP_017151678.1| PREDICTED: ATP-dependent RNA helicase WM6 [Drosophila mirane
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>gi|1036867636|ref|XP_017151675.1| PREDICTED: glycoprotein endo-alpha-1,2-mannosidase [Drosoph
>gi|1036867733|ref|XP_017151680.1| PREDICTED: uncharacterized protein LOC108161833 [Drosophila
>gi|1036867579|ref|XP_017151671.1| PREDICTED: uncharacterized protein LOC108161824 [Drosophila
>gi|1036867655|ref|XP_017151676.1| PREDICTED: ubiquinone biosynthesis monooxygenase COQ6, mito
>gi|1036867617|ref|XP 017151674.1| PREDICTED: glycosyltransferase 25 family member [Drosophila
>gi|1036867751|ref|XP_017151681.1| PREDICTED: cytochrome c oxidase assembly protein COX11, mit
>gi|1036867674|ref|XP 017151677.1| PREDICTED: putative elongator complex protein 4 [Drosophila
>gi|1036867598|ref|XP_017151673.1| PREDICTED: LOW QUALITY PROTEIN: vacuolar protein sorting-as
>gi|1036867789|ref|XP_017151684.1| PREDICTED: thioredoxin domain-containing protein 17 [Drosop.
>gi|1036867770|ref|XP_017151682.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036867714|ref|XP_017151679.1| PREDICTED: uncharacterized protein LOC108161831 [Drosophila
>gi|1036860451|ref|XP_017151276.1| PREDICTED: uncharacterized protein LOC108161510 [Drosophila
>gi|1036925285|ref|XP_017154887.1| PREDICTED: LOW QUALITY PROTEIN: T-box protein H15 [Drosophi
>gi|1036935479|ref|XP_017155445.1| PREDICTED: lysophospholipid acyltransferase 5-like [Drosoph
>gi|1036930643|ref|XP_017155181.1| PREDICTED: LOW QUALITY PROTEIN: T-box protein H15 [Drosophi
>gi|1036935876|ref|XP_017155471.1| PREDICTED: LOW QUALITY PROTEIN: cytosolic non-specific dipe
>gi|1036882112|ref|XP_017152475.1| PREDICTED: LOW QUALITY PROTEIN: serine/threonine-protein ph
>gi|1036853622|ref|XP_017150896.1| PREDICTED: cytosolic non-specific dipeptidase-like [Drosoph
>gi|1036882131|ref|XP_017152476.1| PREDICTED: acyl-CoA synthetase family member 2, mitochondria
>gi|1036881984|ref|XP 017152467.1| PREDICTED: mucin-4 isoform X1 [Drosophila miranda]
>gi|1036882003|ref|XP_017152468.1| PREDICTED: uncharacterized protein LOC108162309 isoform X2
>gi|1036882021|ref|XP 017152469.1| PREDICTED: uncharacterized protein LOC108162309 isoform X3
>gi|1036882040|ref|XP_017152470.1| PREDICTED: filamin A-interacting protein 1-like isoform X4
>gi|1036882058|ref|XP_017152471.1| PREDICTED: filamin A-interacting protein 1-like isoform X5
>gi|1036882076|ref|XP_017152472.1| PREDICTED: filamin A-interacting protein 1-like isoform X6
>gi|1036882093|ref|XP_017152474.1| PREDICTED: filamin A-interacting protein 1-like isoform X7
>gi|1036902893|ref|XP_017153636.1| PREDICTED: LOW QUALITY PROTEIN: laminin subunit beta-1 [Dros
>gi|1036865876|ref|XP_017151572.1| PREDICTED: LOW QUALITY PROTEIN: protein split ends [Drosoph
>gi|1036926554|ref|XP_017154961.1| PREDICTED: E3 SUMO-protein ligase NSE2-like [Drosophila mire
>gi|1036927365|ref|XP_017155008.1| PREDICTED: 39S ribosomal protein L10, mitochondrial [Drosop
>gi|1036927328|ref|XP_017155004.1| PREDICTED: homeobox protein Mohawk isoform X1 [Drosophila m
>gi|1036927345|ref|XP_017155005.1| PREDICTED: homeobox protein Mohawk isoform X2 [Drosophila m
>gi|1036864576|ref|XP_017151498.1| PREDICTED: TBC1 domain family member 17 [Drosophila miranda]
>gi|1036864616|ref|XP_017151501.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036864594|ref|XP 017151499.1| PREDICTED: uncharacterized protein LOC108161698 [Drosophila
>gi|1036926470|ref|XP_017154955.1| PREDICTED: ribonuclease P protein subunit p30 [Drosophila m
>gi|1036881222|ref|XP 017152423.1| PREDICTED: nuclear RNA export factor 1 [Drosophila miranda]
>gi|1036881187|ref|XP_017152421.1| PREDICTED: testis-expressed sequence 2 protein-like [Drosop
>gi|1036881279|ref|XP_017152427.1| PREDICTED: tRNA-dihydrouridine(16/17) synthase [NAD(P)(+)]-
>gi|1036881168|ref|XP_017152420.1| PREDICTED: uncharacterized protein LOC108162273 [Drosophila
>gi|1036881204|ref|XP_017152422.1| PREDICTED: uncharacterized protein LOC108162275 [Drosophila
>gi|1036881260|ref|XP_017152425.1| PREDICTED: stress response protein NST1 [Drosophila miranda
>gi|1036881298|ref|XP_017152428.1| PREDICTED: uncharacterized protein LOC108162280 [Drosophila
>gi|1036881241|ref|XP_017152424.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036925497|ref|XP_017154899.1| PREDICTED: protein smoothened-like [Drosophila miranda]
>gi|1036870799|ref|XP_017151851.1| PREDICTED: putative pre-mRNA-splicing factor ATP-dependent
>gi|1036870853|ref|XP_017151854.1| PREDICTED: general transcription factor 3C polypeptide 5-li
>gi|1036870817|ref|XP_017151852.1| PREDICTED: asparagine--tRNA ligase, cytoplasmic-like [Droso
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>gi|1036870836|ref|XP_017151853.1| PREDICTED: asparagine--tRNA ligase, cytoplasmic-like [Droso
>gi|1036870872|ref|XP_017151855.1| PREDICTED: dynactin subunit 6-like [Drosophila miranda]
>gi|1036870891|ref|XP_017151857.1| PREDICTED: probable DNA-directed RNA polymerases I and III
>gi|1036870645|ref|XP_017151843.1| PREDICTED: brain tumor protein-like [Drosophila miranda]
>gi|1036870667|ref|XP 017151844.1| PREDICTED: brain tumor protein-like [Drosophila miranda]
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>gi|1036870705|ref|XP 017151846.1| PREDICTED: brain tumor protein-like [Drosophila miranda]
>gi|1036870724|ref|XP_017151847.1| PREDICTED: brain tumor protein-like [Drosophila miranda]
>gi|1036870743|ref|XP_017151848.1| PREDICTED: brain tumor protein-like [Drosophila miranda]
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>gi|1036870780|ref|XP_017151850.1| PREDICTED: brain tumor protein-like [Drosophila miranda]
>gi|1036928617|ref|XP_017155072.1| PREDICTED: keratin-associated protein 5-4-like [Drosophila 1
>gi|1036889691|ref|XP_017152893.1| PREDICTED: uncharacterized protein LOC108162588 [Drosophila
>gi|1036889582|ref|XP_017152886.1| PREDICTED: LOW QUALITY PROTEIN: protein smoothened-like [Drotein smoothened-like [Drot
>gi|1036889673|ref|XP_017152892.1| PREDICTED: androgen-induced gene 1 protein [Drosophila mirates
>gi|1036889655|ref|XP_017152891.1| PREDICTED: androgen-induced gene 1 protein isoform X3 [Dros
>gi|1036889619|ref|XP_017152889.1| PREDICTED: androgen-induced gene 1 protein isoform X1 [Dros
>gi|1036889637|ref|XP_017152890.1| PREDICTED: androgen-induced gene 1 protein isoform X2 [Dros
>gi|1036889601|ref|XP_017152887.1| PREDICTED: protein amnionless [Drosophila miranda]
>gi|1036858997|ref|XP 017151196.1| PREDICTED: uncharacterized protein CG13380-like isoform X2
>gi|1036858978|ref|XP_017151195.1| PREDICTED: uncharacterized protein CG13380-like isoform X1
>gi|1036923094|ref|XP 017154778.1| PREDICTED: protein PET117 homolog, mitochondrial [Drosophile
>gi|1036923076|ref|XP_017154777.1| PREDICTED: splicing factor U2af 38 kDa subunit [Drosophila i
>gi|1036920280|ref|XP_017154605.1| PREDICTED: stress-induced-phosphoprotein 1 isoform X1 [Dros
>gi|1036920298|ref|XP_017154606.1| PREDICTED: stress-induced-phosphoprotein 1 isoform X2 [Dros
>gi|1036922340|ref|XP_017154729.1| PREDICTED: phosphatidylinositol 3-kinase regulatory subunit
>gi|1036897377|ref|XP_017153325.1| PREDICTED: dedicator of cytokinesis protein 11 isoform X1 [
>gi|1036897396|ref|XP_017153327.1| PREDICTED: dedicator of cytokinesis protein 11 isoform X2 [
>gi|1036897415|ref|XP_017153328.1| PREDICTED: dedicator of cytokinesis protein 11 isoform X3 [
>gi|1036897472|ref|XP_017153330.1| PREDICTED: uncharacterized protein LOC108162885 isoform X2
>gi|1036897453|ref|XP_017153329.1| PREDICTED: uncharacterized protein LOC108162885 isoform X1
>gi|1036897491|ref|XP_017153331.1| PREDICTED: uncharacterized protein LOC108162885 isoform X3
>gi|1036863400|ref|XP 017151441.1| PREDICTED: uncharacterized protein LOC108161649 [Drosophila
>gi|1036935228|ref|XP_017155430.1| PREDICTED: uncharacterized protein LOC108164294 [Drosophila
>gi|1036859571|ref|XP 017151228.1| PREDICTED: putative gustatory receptor 28b isoform X1 [Dros-
>gi|1036859590|ref|XP_017151229.1| PREDICTED: putative gustatory receptor 28b isoform X2 [Dros
>gi|1036859609|ref|XP 017151231.1| PREDICTED: putative gustatory receptor 28b isoform X3 [Dros
>gi|1036853637|ref|XP_017150897.1| PREDICTED: putative gustatory receptor 28a [Drosophila mirate
>gi|1036930539|ref|XP_017155174.1| PREDICTED: protein croquemort [Drosophila miranda]
>gi|1036930556|ref|XP_017155175.1| PREDICTED: protein croquemort [Drosophila miranda]
>gi|1036905979|ref|XP_017153813.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036906009|ref|XP_017153814.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036906027|ref|XP_017153815.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036906044|ref|XP_017153816.1| PREDICTED: clavesin-1 [Drosophila miranda]
>gi|1036905959|ref|XP_017153812.1| PREDICTED: dihydrolipoyllysine-residue acetyltransferase com
>gi|1036905942|ref|XP_017153810.1| PREDICTED: dihydrolipoyllysine-residue acetyltransferase con
>gi|1036896759|ref|XP_017153289.1| PREDICTED: histone acetyltransferase KAT7 [Drosophila miran-
>gi|1036896832|ref|XP_017153293.1| PREDICTED: SOSS complex subunit B homolog [Drosophila mirane
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>gi|1036896851|ref|XP_017153294.1| PREDICTED: SOSS complex subunit B homolog [Drosophila miran-
>gi|1036896869|ref|XP_017153296.1| PREDICTED: SOSS complex subunit B homolog [Drosophila miran-
>gi|1036896888|ref|XP_017153297.1| PREDICTED: SOSS complex subunit B homolog [Drosophila mirane
>gi|1036896816|ref|XP_017153292.1| PREDICTED: probable trehalose-phosphate phosphatase C [Dros
>gi|1036896778|ref|XP 017153290.1| PREDICTED: probable trehalose-phosphate phosphatase C [Dros
>gi|1036896797|ref|XP_017153291.1| PREDICTED: probable trehalose-phosphate phosphatase C [Dros
>gi|1036930436|ref|XP_017155169.1| PREDICTED: ras-related and estrogen-regulated growth inhibit
>gi|1036930418|ref|XP_017155168.1| PREDICTED: armadillo repeat-containing protein 4 [Drosophile
>gi|1036878778|ref|XP_017152290.1| PREDICTED: WD repeat-containing protein 82 [Drosophila mirated
>gi|1036878752|ref|XP_017152289.1| PREDICTED: mitochondrial ribosome-associated GTPase 2 [Dros
>gi|1036878799|ref|XP_017152291.1| PREDICTED: haloacid dehalogenase-like hydrolase domain-cont
>gi|1036878643|ref|XP_017152282.1| PREDICTED: alanine--tRNA ligase, cytoplasmic [Drosophila mi
>gi|1036878661|ref|XP_017152283.1| PREDICTED: alanine--tRNA ligase, cytoplasmic [Drosophila mi
>gi|1036878817|ref|XP_017152292.1| PREDICTED: uncharacterized protein LOC108162197 [Drosophila
>gi|1036878833|ref|XP_017152294.1| PREDICTED: uncharacterized protein LOC108162198 [Drosophila
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>gi|1036878679|ref|XP 017152285.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036878697|ref|XP_017152286.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036878714|ref|XP_017152287.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036878733|ref|XP_017152288.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036878928|ref|XP_017152300.1| PREDICTED: uncharacterized protein LOC108162200 [Drosophila
>gi|1036853652|ref|XP_017150898.1| PREDICTED: uncharacterized protein LOC108161188 [Drosophila
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>gi|1036915192|ref|XP_017154314.1| PREDICTED: uncharacterized protein LOC108163500 [Drosophila
>gi|1036915174|ref|XP_017154313.1| PREDICTED: protein fuzzy homolog [Drosophila miranda]
>gi|1036890148|ref|XP_017152918.1| PREDICTED: exportin-1 [Drosophila miranda]
>gi|1036890167|ref|XP_017152919.1| PREDICTED: alpha-N-acetylglucosaminidase [Drosophila mirand
>gi|1036924628|ref|XP_017154854.1| PREDICTED: uncharacterized protein LOC108163850 [Drosophila
>gi|1036905426|ref|XP_017153776.1| PREDICTED: mucin-17 isoform X1 [Drosophila miranda]
>gi|1036905444|ref|XP_017153778.1| PREDICTED: mucin-17 isoform X1 [Drosophila miranda]
>gi|1036905462|ref|XP 017153779.1| PREDICTED: myristoylated alanine-rich C-kinase substrate is
>gi|1036882935|ref|XP_017152516.1| PREDICTED: protein gurken isoform X1 [Drosophila miranda]
>gi|1036882954|ref|XP_017152517.1| PREDICTED: protein gurken isoform X2 [Drosophila miranda]
>gi|1036882898|ref|XP_017152514.1| PREDICTED: uncharacterized protein LOC108162333 [Drosophila
>gi|1036882973|ref|XP_017152518.1| PREDICTED: DNA polymerase epsilon subunit 3 [Drosophila mire
>gi|1036882859|ref|XP_017152512.1| PREDICTED: DNA repair protein complementing XP-G cells homo
>gi|1036882880|ref|XP_017152513.1| PREDICTED: DNA repair protein complementing XP-G cells homo
>gi|1036882917|ref|XP_017152515.1| PREDICTED: uncharacterized protein LOC108162334 [Drosophila
>gi|1036913800|ref|XP 017154234.1| PREDICTED: uncharacterized protein LOC108163456 [Drosophila
>gi|1036905355|ref|XP_017153772.1| PREDICTED: cullin-2 [Drosophila miranda]
>gi|1036905373|ref|XP_017153773.1| PREDICTED: cullin-2 [Drosophila miranda]
>gi|1036905319|ref|XP_017153770.1| PREDICTED: adenylate cyclase type 3 isoform X1 [Drosophila 1
>gi|1036905337|ref|XP_017153771.1| PREDICTED: adenylate cyclase type 3 isoform X2 [Drosophila i
>gi|1036912207|ref|XP_017154138.1| PREDICTED: cytochrome c1 [Drosophila miranda]
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>gi|1036910218|ref|XP_017154031.1| PREDICTED: choline/ethanolamine kinase isoform X2 [Drosophi
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>gi|1036910233|ref|XP_017154032.1| PREDICTED: uncharacterized protein LOC108163317 isoform X3
>gi|1036909604|ref|XP_017154006.1| PREDICTED: male-specific sperm protein Mst84Da [Drosophila 1
>gi|1036909555|ref|XP 017154004.1| PREDICTED: uncharacterized protein LOC108163303 isoform X1
>gi|1036909571|ref|XP_017154005.1| PREDICTED: uncharacterized protein LOC108163303 isoform X2
>gi|1036853669|ref|XP 017150899.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036918348|ref|XP_017154500.1| PREDICTED: uncharacterized protein LOC108163616 isoform X2
>gi|1036918366|ref|XP_017154501.1| PREDICTED: uncharacterized protein LOC108163616 isoform X3
>gi|1036918330|ref|XP_017154498.1| PREDICTED: uncharacterized protein LOC108163616 isoform X1
>gi|1036918240|ref|XP_017154493.1| PREDICTED: ADAMTS-like protein 1 isoform X1 [Drosophila mire
>gi|1036918276|ref|XP_017154495.1| PREDICTED: ADAMTS-like protein 1 isoform X3 [Drosophila mire
>gi|1036918294|ref|XP_017154496.1| PREDICTED: ADAMTS-like protein 1 isoform X4 [Drosophila mire
>gi|1036918312|ref|XP_017154497.1| PREDICTED: ADAMTS-like protein 1 isoform X5 [Drosophila mire
>gi|1036918258|ref|XP_017154494.1| PREDICTED: ADAMTS-like protein 1 isoform X2 [Drosophila mire
>gi|1036898706|ref|XP_017153403.1| PREDICTED: sodium/potassium-transporting ATPase subunit bet
>gi|1036898725|ref|XP_017153404.1| PREDICTED: sodium/potassium-transporting ATPase subunit bet
>gi|1036898744|ref|XP_017153405.1| PREDICTED: sodium/potassium-transporting ATPase subunit beta
>gi|1036898763|ref|XP_017153406.1| PREDICTED: sodium/potassium-transporting ATPase subunit bet
>gi|1036898781|ref|XP_017153407.1| PREDICTED: sodium/potassium-transporting ATPase subunit bet
>gi|1036898806|ref|XP_017153408.1| PREDICTED: sodium/potassium-transporting ATPase subunit bet
>gi|1036898670|ref|XP 017153402.1| PREDICTED: uncharacterized protein LOC108162931 [Drosophila
>gi|1036923988|ref|XP_017154820.1| PREDICTED: uncharacterized protein LOC108163831 isoform X1
>gi|1036924005|ref|XP_017154821.1| PREDICTED: uncharacterized protein LOC108163831 isoform X1
>gi|1036924023|ref|XP_017154823.1| PREDICTED: uncharacterized protein LOC108163831 isoform X1
>gi|1036924041|ref|XP_017154824.1| PREDICTED: uncharacterized protein LOC108163831 isoform X2
>gi|1036924059|ref|XP_017154825.1| PREDICTED: uncharacterized protein LOC108163831 isoform X3
>gi|1036924077|ref|XP_017154826.1| PREDICTED: uncharacterized protein DDB_G0284459 isoform X4
>gi|1036919542|ref|XP_017154560.1| PREDICTED: serine/threonine-protein kinase SBK1 [Drosophila
>gi|1036919558|ref|XP_017154561.1| PREDICTED: uncharacterized protein LOC108163653 [Drosophila
>gi|1036919490|ref|XP_017154557.1| PREDICTED: tubulin glycylase 3A [Drosophila miranda]
>gi|1036919508|ref|XP_017154558.1| PREDICTED: tubulin glycylase 3B [Drosophila miranda]
>gi|1036919526|ref|XP_017154559.1| PREDICTED: tubulin glycylase 3B [Drosophila miranda]
>gi|1036858511|ref|XP_017151171.1| PREDICTED: RNA-binding protein 39 isoform X2 [Drosophila mi
>gi|1036858452|ref|XP 017151168.1| PREDICTED: trafficking kinesin-binding protein milt isoform
>gi|1036858414|ref|XP_017151165.1| PREDICTED: trafficking kinesin-binding protein milt isoform
>gi|1036858433|ref|XP 017151167.1| PREDICTED: trafficking kinesin-binding protein milt isoform
>gi|1036858473|ref|XP_017151169.1| PREDICTED: trafficking kinesin-binding protein milt isoform
>gi|1036858530|ref|XP_017151172.1| PREDICTED: GATA zinc finger domain-containing protein 14-li
>gi|1036858701|ref|XP_017151182.1| PREDICTED: protein tyrosine phosphatase type IVA 1-like [Dr
>gi|1036858720|ref|XP_017151183.1| PREDICTED: protein tyrosine phosphatase type IVA 1-like [Dref|XP_017151183.1| PREDICTED: protein tyrosine phosphatase type IVA 1-like [Dref|XP_01715118] PREDICTED: protein tyrosine phosphatase tyrosine phosphatase tyrosine phosphatase tyrosine phosphatase tyrosine phosphatase tyrosine phosphatase tyrosine phosphata
>gi|1036922595|ref|XP_017154747.1| PREDICTED: uncharacterized protein LOC108163779 [Drosophila
>gi|1036929190|ref|XP_017155103.1| PREDICTED: cdc25-like protein phosphatase twine [Drosophila
>gi|1036935566|ref|XP_017155451.1| PREDICTED: pickpocket protein 28 [Drosophila miranda]
>gi|1036885411|ref|XP_017152657.1| PREDICTED: zinc finger protein Elbow [Drosophila miranda]
>gi|1036885794|ref|XP_017152674.1| PREDICTED: partner of bursicon [Drosophila miranda]
>gi|1036853703|ref|XP_017150901.1| PREDICTED: protein toll-like [Drosophila miranda]
>gi|1036885601|ref|XP_017152669.1| PREDICTED: protein toll-like [Drosophila miranda]
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>gi|1036885619|ref|XP_017152670.1| PREDICTED: protein toll-like [Drosophila miranda]
>gi|1036885632|ref|XP_017152671.1| PREDICTED: protein toll-like [Drosophila miranda]
>gi|1036885756|ref|XP_017152672.1| PREDICTED: protein toll-like [Drosophila miranda]
>gi|1036885775|ref|XP_017152673.1| PREDICTED: protein toll-like [Drosophila miranda]
>gi|1036885563|ref|XP 017152666.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1036885582|ref|XP_017152668.1| PREDICTED: DNA ligase 1 [Drosophila miranda]
>gi|1036885811|ref|XP 017152675.1| PREDICTED: ficolin-1-like [Drosophila miranda]
>gi|1036853720|ref|XP_017150902.1| PREDICTED: uncharacterized protein LOC108161193 [Drosophila
>gi|1036853739|ref|XP_017150903.1| PREDICTED: putative leucine-rich repeat-containing protein
>gi|1036885432|ref|XP_017152658.1| PREDICTED: zinc finger protein Noc [Drosophila miranda]
>gi|1036885544|ref|XP_017152665.1| PREDICTED: uncharacterized protein LOC108162439 [Drosophila
>gi|1036853758|ref|XP_017150905.1| PREDICTED: protein toll-like [Drosophila miranda]
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>gi|1036885468|ref|XP_017152661.1| PREDICTED: uncharacterized protein LOC108162438 isoform X1
>gi|1036885487|ref|XP_017152662.1| PREDICTED: uncharacterized protein LOC108162438 isoform X2
>gi|1036885506|ref|XP_017152663.1| PREDICTED: uncharacterized protein LOC108162438 isoform X3
>gi|1036885525|ref|XP_017152664.1| PREDICTED: uncharacterized protein LOC108162438 isoform X4
>gi|1036893109|ref|XP_017153086.1| PREDICTED: protein outspread isoform X1 [Drosophila miranda]
>gi|1036893128|ref|XP 017153088.1| PREDICTED: protein outspread isoform X2 [Drosophila miranda
>gi|1036893147|ref|XP_017153089.1| PREDICTED: protein outspread isoform X3 [Drosophila miranda]
>gi|1036893166|ref|XP 017153090.1| PREDICTED: protein outspread isoform X4 [Drosophila miranda
>gi|1036893203|ref|XP_017153092.1| PREDICTED: alcohol dehydrogenase [Drosophila miranda]
>gi|1036893184|ref|XP_017153091.1| PREDICTED: alcohol dehydrogenase-related 31 kDa protein [Dr
>gi|1036859069|ref|XP_017151200.1| PREDICTED: heterogeneous nuclear ribonucleoprotein A1-like
>gi|1036859087|ref|XP_017151201.1| PREDICTED: homeobox protein 13 [Drosophila miranda]
>gi|1036853794|ref|XP_017150907.1| PREDICTED: uncharacterized protein LOC108161197 [Drosophila
>gi|1036924326|ref|XP_017154838.1| PREDICTED: uncharacterized protein LOC108163837 [Drosophila
>gi|1036924304|ref|XP_017154837.1| PREDICTED: uncharacterized protein LOC108163836 [Drosophila
>gi|1036934609|ref|XP_017155398.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1-like [Drosophi
>gi|1036860229|ref|XP_017151266.1| PREDICTED: uncharacterized protein LOC108161501 isoform X1
>gi|1036860248|ref|XP_017151267.1| PREDICTED: uncharacterized protein LOC108161501 isoform X2
>gi|1036919705|ref|XP_017154570.1| PREDICTED: protein Turandot X-like [Drosophila miranda]
>gi|1036919790|ref|XP_017154575.1| PREDICTED: holotricin-3 isoform X3 [Drosophila miranda]
>gi|1036919758|ref|XP 017154573.1| PREDICTED: glycine-rich cell wall structural protein isoform
>gi|1036919772|ref|XP_017154574.1| PREDICTED: holotricin-3 isoform X2 [Drosophila miranda]
>gi|1036919724|ref|XP 017154571.1| PREDICTED: uncharacterized protein LOC108163661 [Drosophila
>gi|1036919740|ref|XP_017154572.1| PREDICTED: uncharacterized protein LOC108163663 [Drosophila
>gi|1036919808|ref|XP_017154577.1| PREDICTED: glycine-rich cell wall structural protein-like [
>gi|1036919828|ref|XP_017154578.1| PREDICTED: uncharacterized protein LOC108163666 [Drosophila
>gi|1036931717|ref|XP_017155240.1| PREDICTED: uncharacterized protein LOC108164147 [Drosophila
>gi|1036864524|ref|XP_017151495.1| PREDICTED: keratin-associated protein 21-1-like [Drosophila
>gi|1036860174|ref|XP 017151262.1| PREDICTED: uncharacterized protein LOC108161499 isoform X1
>gi|1036860192|ref|XP_017151263.1| PREDICTED: uncharacterized protein LOC108161499 isoform X2
>gi|1036858034|ref|XP_017151157.1| PREDICTED: COP9 signalosome complex subunit 1 [Drosophila m
>gi|1036934728|ref|XP_017155402.1| PREDICTED: ATPase family AAA domain-containing protein 1 [Di
>gi|1036897800|ref|XP_017153351.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036897818|ref|XP_017153352.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
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>gi|1036897837|ref|XP_017153353.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036897856|ref|XP_017153354.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036897766|ref|XP_017153349.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036897783|ref|XP_017153350.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036897893|ref|XP 017153356.1| PREDICTED: uncharacterized protein LOC108162897 isoform X1
>gi|1036897930|ref|XP_017153357.1| PREDICTED: uncharacterized protein LOC108162897 isoform X2
>gi|1036897734|ref|XP 017153346.1| PREDICTED: uncharacterized protein LOC108162892 [Drosophila
>gi|1036897966|ref|XP_017153359.1| PREDICTED: LOW QUALITY PROTEIN: E3 ubiquitin-protein ligase
>gi|1036853811|ref|XP_017150908.1| PREDICTED: RING finger protein 5-like [Drosophila miranda]
>gi|1036897874|ref|XP_017153355.1| PREDICTED: ER lumen protein-retaining receptor-like [Drosop
>gi|1036897750|ref|XP_017153347.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036897947|ref|XP_017153358.1| PREDICTED: uncharacterized protein LOC108162899 [Drosophila
>gi|1036933757|ref|XP_017155349.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036910500|ref|XP_017154046.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036910518|ref|XP_017154047.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036910556|ref|XP_017154050.1| PREDICTED: protein rolling stone [Drosophila miranda]
>gi|1036910538|ref|XP_017154049.1| PREDICTED: uncharacterized protein LOC108163328 [Drosophila
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>gi|1036910576|ref|XP_017154051.1| PREDICTED: uncharacterized protein LOC108163330 isoform X1
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>gi|1036918038|ref|XP_017154482.1| PREDICTED: neural cell adhesion molecule 1 [Drosophila mirates
>gi|1036918020|ref|XP_017154481.1| PREDICTED: protein strawberry notch [Drosophila miranda]
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>gi|1036886808|ref|XP_017152728.1| PREDICTED: dual oxidase maturation factor 1 [Drosophila mire
>gi|1036886899|ref|XP_017152735.1| PREDICTED: dynactin subunit 5 [Drosophila miranda]
>gi|1036886861|ref|XP_017152731.1| PREDICTED: ankyrin repeat domain-containing protein 49 [Dros
>gi|1036886915|ref|XP_017152736.1| PREDICTED: protein Dr1 [Drosophila miranda]
>gi|1036886844|ref|XP_017152730.1| PREDICTED: probable tRNA(His) guanylyltransferase [Drosophi
>gi|1036886827|ref|XP_017152729.1| PREDICTED: mRNA cap guanine-N7 methyltransferase [Drosophile
>gi|1036886880|ref|XP 017152734.1| PREDICTED: uncharacterized protein LOC108162492 [Drosophila
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>gi|1036886770|ref|XP_017152726.1| PREDICTED: gamma-aminobutyric acid type B receptor subunit
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>gi|1036916892|ref|XP_017154413.1| PREDICTED: protein yellow [Drosophila miranda]
>gi|1036916910|ref|XP_017154414.1| PREDICTED: anamorsin homolog [Drosophila miranda]
>gi|1036919670|ref|XP_017154568.1| PREDICTED: suppressor of hairless protein [Drosophila mirane
>gi|1036894832|ref|XP_017153182.1| PREDICTED: myosin-VIIa [Drosophila miranda]
>gi|1036894851|ref|XP_017153184.1| PREDICTED: myosin-VIIa [Drosophila miranda]
>gi|1036924539|ref|XP_017154851.1| PREDICTED: transcription elongation factor S-II [Drosophila
>gi|1036888295|ref|XP_017152810.1| PREDICTED: plasminogen activator inhibitor 1 RNA-binding pro
>gi|1036888259|ref|XP_017152807.1| PREDICTED: ATP-dependent RNA helicase vasa [Drosophila mirate
>gi|1036888278|ref|XP_017152809.1| PREDICTED: ATP-dependent RNA helicase vasa [Drosophila mirate
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>gi|1036888177|ref|XP_017152802.1| PREDICTED: anoctamin-8 isoform X2 [Drosophila miranda]
>gi|1036888208|ref|XP_017152804.1| PREDICTED: uncharacterized protein LOC108162534 isoform X4
>gi|1036888225|ref|XP_017152805.1| PREDICTED: anoctamin-8 isoform X5 [Drosophila miranda]
>gi|1036888162|ref|XP_017152801.1| PREDICTED: anoctamin-8 isoform X1 [Drosophila miranda]
>gi|1036888193|ref|XP 017152803.1| PREDICTED: anoctamin-8 isoform X3 [Drosophila miranda]
>gi|1036888242|ref|XP_017152806.1| PREDICTED: zinc finger protein 585A [Drosophila miranda]
>gi|1036888311|ref|XP_017152811.1| PREDICTED: V-type proton ATPase 16 kDa proteolipid subunit-
>gi|1036888329|ref|XP_017152812.1| PREDICTED: V-type proton ATPase 16 kDa proteolipid subunit-
>gi|1036903153|ref|XP_017153649.1| PREDICTED: protein shuttle craft isoform X1 [Drosophila mire
>gi|1036903175|ref|XP_017153650.1| PREDICTED: protein shuttle craft isoform X2 [Drosophila mire
>gi|1036925771|ref|XP_017154917.1| PREDICTED: chaoptin isoform X2 [Drosophila miranda]
>gi|1036925758|ref|XP_017154915.1| PREDICTED: chaoptin isoform X1 [Drosophila miranda]
>gi|1036925785|ref|XP_017154918.1| PREDICTED: uncharacterized protein LOC108163903 [Drosophila
>gi|1036861956|ref|XP_017151362.1| PREDICTED: uncharacterized protein LOC108161584 [Drosophila
>gi|1036853829|ref|XP_017150909.1| PREDICTED: FK506-binding protein 3-like, partial [Drosophile
>gi|1036910923|ref|XP_017154069.1| PREDICTED: uncharacterized protein LOC108163341 [Drosophila
>gi|1036910941|ref|XP_017154070.1| PREDICTED: uncharacterized protein LOC108163341 [Drosophila
>gi|1036910961|ref|XP_017154071.1| PREDICTED: uncharacterized protein LOC108163341 [Drosophila
>gi|1036853848|ref|XP_017150910.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036910871|ref|XP 017154066.1| PREDICTED: zinc transporter 2 isoform X1 [Drosophila mirand
>gi|1036910888|ref|XP_017154067.1| PREDICTED: zinc transporter 2 isoform X2 [Drosophila mirand
>gi|1036910905|ref|XP 017154068.1| PREDICTED: zinc transporter 2 isoform X3 [Drosophila mirand
>gi|1036920695|ref|XP_017154631.1| PREDICTED: SET and MYND domain-containing protein 4 isoform
>gi|1036920662|ref|XP_017154629.1| PREDICTED: SET and MYND domain-containing protein 4 isoform
>gi|1036920678|ref|XP_017154630.1| PREDICTED: SET and MYND domain-containing protein 4 isoform
>gi|1036924485|ref|XP_017154847.1| PREDICTED: protein OS-9 [Drosophila miranda]
>gi|1036863641|ref|XP_017151449.1| PREDICTED: uncharacterized protein LOC108161662 isoform X1
>gi|1036863660|ref|XP_017151450.1| PREDICTED: uncharacterized protein LOC108161662 isoform X2
>gi|1036858052|ref|XP_017151159.1| PREDICTED: uncharacterized protein LOC108161415 [Drosophila
>gi|1036857342|ref|XP_017151119.1| PREDICTED: trypsin [Drosophila miranda]
>gi|1036926487|ref|XP_017154957.1| PREDICTED: uncharacterized protein LOC108163935 isoform X1
>gi|1036926520|ref|XP_017154959.1| PREDICTED: uncharacterized protein LOC108163935 isoform X3
>gi|1036926505|ref|XP_017154958.1| PREDICTED: uncharacterized protein LOC108163935 isoform X2
>gi|1036926536|ref|XP_017154960.1| PREDICTED: serine proteinase stubble [Drosophila miranda]
>gi|1036911686|ref|XP 017154108.1| PREDICTED: ribosomal RNA processing protein 1 homolog [Dros-
>gi|1036911705|ref|XP_017154109.1| PREDICTED: glutaredoxin 3 [Drosophila miranda]
>gi|1036921018|ref|XP 017154651.1| PREDICTED: immunoglobulin-binding protein 1 [Drosophila mire
>gi|1036921036|ref|XP_017154652.1| PREDICTED: DET1- and DDB1-associated protein 1 [Drosophila in the content of the content of
>gi|1036921054|ref|XP_017154653.1| PREDICTED: DET1- and DDB1-associated protein 1 [Drosophila 1
>gi|1036929954|ref|XP_017155144.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1036921250|ref|XP_017154666.1| PREDICTED: transcription factor TFIIIB component B'' homological description factor and a second 
>gi|1036921268|ref|XP_017154667.1| PREDICTED: transcription factor TFIIIB component B'' homological description factor and a second 
>gi|1036889531|ref|XP_017152883.1| PREDICTED: uncharacterized protein LOC108162581 [Drosophila
>gi|1036889513|ref|XP_017152882.1| PREDICTED: protein disulfide-isomerase A5 [Drosophila mirane
>gi|1036889545|ref|XP_017152884.1| PREDICTED: dnaJ-like protein 60 isoform X1 [Drosophila mirate
>gi|1036889564|ref|XP_017152885.1| PREDICTED: dnaJ-like protein 60 isoform X2 [Drosophila mirate
>gi|1036889495|ref|XP_017152881.1| PREDICTED: coatomer subunit beta' [Drosophila miranda]
>gi|1036883616|ref|XP_017152558.1| PREDICTED: interferon-inducible double-stranded RNA-dependent
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>gi|1036883635|ref|XP_017152559.1| PREDICTED: interferon-inducible double-stranded RNA-dependent
>gi|1036883654|ref|XP_017152560.1| PREDICTED: interferon-inducible double-stranded RNA-dependent
>gi|1036883690|ref|XP_017152562.1| PREDICTED: inhibitor of growth protein 4 isoform X2 [Drosop
>gi|1036883672|ref|XP_017152561.1| PREDICTED: inhibitor of growth protein 5 isoform X1 [Drosop
>gi|1036883598|ref|XP_017152557.1| PREDICTED: uncharacterized protein LOC108162362 [Drosophila
>gi|1036883704|ref|XP_017152563.1| PREDICTED: 60S ribosomal protein L24 [Drosophila miranda]
>gi|1036931615|ref|XP 017155235.1| PREDICTED: uncharacterized protein LOC108164142 [Drosophila
>gi|1036934456|ref|XP_017155387.1| PREDICTED: dynein intermediate chain 3, ciliary [Drosophila
>gi|1036917454|ref|XP_017154447.1| PREDICTED: uncharacterized protein LOC108163585 [Drosophila
>gi|1036917471|ref|XP_017154448.1| PREDICTED: uncharacterized protein LOC108163585 [Drosophila
>gi|1036859628|ref|XP_017151232.1| PREDICTED: vitelline membrane protein Vm34Ca [Drosophila mi
>gi|1036862239|ref|XP_017151378.1| PREDICTED: uncharacterized protein LOC108161601 [Drosophila
>gi|1036913482|ref|XP_017154216.1| PREDICTED: uncharacterized protein LOC108163442 [Drosophila
>gi|1036913415|ref|XP_017154211.1| PREDICTED: sialin-like [Drosophila miranda]
>gi|1036913449|ref|XP_017154213.1| PREDICTED: fibrinogen-like protein 1 [Drosophila miranda]
>gi|1036913399|ref|XP_017154210.1| PREDICTED: protein toll [Drosophila miranda]
>gi|1036913467|ref|XP_017154214.1| PREDICTED: ficolin-2-like [Drosophila miranda]
>gi|1036913431|ref|XP_017154212.1| PREDICTED: very-long-chain (3R)-3-hydroxyacyl-CoA dehydrata
>gi|1036934764|ref|XP_017155405.1| PREDICTED: 60 kDa heat shock protein homolog 2, mitochondria
>gi|1036922625|ref|XP 017154749.1| PREDICTED: uncharacterized protein LOC108163781 isoform X1
>gi|1036922639|ref|XP_017154750.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
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>gi|1036864558|ref|XP_017151497.1| PREDICTED: uncharacterized protein LOC108161696 [Drosophila
>gi|1036896997|ref|XP_017153304.1| PREDICTED: uncharacterized protein LOC108162866 [Drosophila
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>gi|1036897060|ref|XP_017153307.1| PREDICTED: fibrinogen-like protein 1 isoform X2 [Drosophila
>gi|1036897095|ref|XP_017153308.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036897114|ref|XP_017153309.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036897273|ref|XP_017153319.1| PREDICTED: uncharacterized protein LOC108162877 [Drosophila
>gi|1036897223|ref|XP_017153316.1| PREDICTED: uncharacterized protein LOC108162874 [Drosophila
>gi|1036897256|ref|XP_017153318.1| PREDICTED: uncharacterized protein LOC108162876 [Drosophila
>gi|1036897239|ref|XP_017153317.1| PREDICTED: uncharacterized protein LOC108162875 [Drosophila
>gi|1036897290|ref|XP 017153320.1| PREDICTED: uncharacterized protein LOC108162878 [Drosophila
>gi|1036897307|ref|XP_017153321.1| PREDICTED: uncharacterized protein LOC108162879 [Drosophila
>gi|1036897150|ref|XP_017153311.1| PREDICTED: uncharacterized protein LOC108162870 isoform X1
>gi|1036897171|ref|XP_017153312.1| PREDICTED: uncharacterized protein LOC108162870 isoform X2
>gi|1036897190|ref|XP_017153313.1| PREDICTED: uncharacterized protein LOC108162872 [Drosophila
>gi|1036897131|ref|XP_017153310.1| PREDICTED: uncharacterized protein LOC108162869 [Drosophila
>gi|1036853868|ref|XP_017150912.1| PREDICTED: 1-acylglycerol-3-phosphate 0-acyltransferase ABH
>gi|1036929016|ref|XP_017155096.1| PREDICTED: uncharacterized protein LOC108164031 [Drosophila
>gi|1036879117|ref|XP_017152309.1| PREDICTED: disintegrin and metalloproteinase domain-contain
>gi|1036879136|ref|XP_017152310.1| PREDICTED: disintegrin and metalloproteinase domain-contain
>gi|1036879077|ref|XP_017152307.1| PREDICTED: disintegrin and metalloproteinase domain-contain
>gi|1036879096|ref|XP_017152308.1| PREDICTED: disintegrin and metalloproteinase domain-contain
>gi|1036879174|ref|XP_017152312.1| PREDICTED: angiopoietin-related protein 7-like [Drosophila 1
>gi|1036879200|ref|XP_017152313.1| PREDICTED: uncharacterized protein LOC108162210 [Drosophila
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>gi|1036879155|ref|XP 017152311.1| PREDICTED: ficolin-2-like [Drosophila miranda]
>gi|1036879219|ref|XP_017152315.1| PREDICTED: RING finger protein PFF0165c-like [Drosophila mi
>gi|1036926376|ref|XP_017154950.1| PREDICTED: ras suppressor protein 1 [Drosophila miranda]
>gi|1036860062|ref|XP_017151256.1| PREDICTED: ficolin-2-like isoform X1 [Drosophila miranda]
>gi|1036860081|ref|XP 017151257.1| PREDICTED: ficolin-1-like isoform X2 [Drosophila miranda]
>gi|1036927648|ref|XP_017155025.1| PREDICTED: uncharacterized protein LOC108163977 isoform X3
>gi|1036927700|ref|XP 017155027.1| PREDICTED: uncharacterized protein LOC108163977 isoform X5
>gi|1036927682|ref|XP_017155026.1| PREDICTED: uncharacterized protein LOC108163977 isoform X4
>gi|1036927630|ref|XP_017155024.1| PREDICTED: uncharacterized protein LOC108163977 isoform X2
>gi|1036927610|ref|XP_017155023.1| PREDICTED: uncharacterized protein LOC108163977 isoform X1
>gi|1036925874|ref|XP_017154923.1| PREDICTED: uncharacterized protein LOC108163907 [Drosophila
>gi|1036925856|ref|XP_017154922.1| PREDICTED: LOW QUALITY PROTEIN: glycerol-3-phosphate dehydro
>gi|1036925912|ref|XP_017154926.1| PREDICTED: ficolin-1-like [Drosophila miranda]
>gi|1036925892|ref|XP_017154925.1| PREDICTED: serine/arginine-rich splicing factor 4-like [Dros
>gi|1036857946|ref|XP_017151152.1| PREDICTED: E3 ubiquitin-protein ligase NRDP1 [Drosophila mi
>gi|1036935445|ref|XP_017155443.1| PREDICTED: cysteine and histidine-rich protein 1-like [Dros
>gi|1036863328|ref|XP_017151436.1| PREDICTED: H/ACA ribonucleoprotein complex subunit 1 [Droso
>gi|1036857837|ref|XP_017151146.1| PREDICTED: uncharacterized protein LOC108161406 [Drosophila
>gi|1036925716|ref|XP_017154912.1| PREDICTED: uncharacterized protein LOC108163900 isoform X1
>gi|1036925730|ref|XP 017154913.1| PREDICTED: protein lev-9 isoform X2 [Drosophila miranda]
>gi|1036922535|ref|XP_017154743.1| PREDICTED: uncharacterized protein LOC108163776 [Drosophila
>gi|1036922551|ref|XP 017154744.1| PREDICTED: uncharacterized protein LOC108163776 [Drosophila
>gi|1036922565|ref|XP_017154745.1| PREDICTED: probable dolichol-phosphate mannosyltransferase
>gi|1036918384|ref|XP_017154502.1| PREDICTED: centrosomal protein of 104 kDa isoform X1 [Droso
>gi|1036918402|ref|XP_017154503.1| PREDICTED: centrosomal protein of 104 kDa isoform X2 [Droso
>gi|1036918438|ref|XP_017154505.1| PREDICTED: cytochrome b561 domain-containing protein 2 [Dros
>gi|1036918420|ref|XP_017154504.1| PREDICTED: centrosomal protein of 104 kDa isoform X3 [Droso
>gi|1036913617|ref|XP_017154224.1| PREDICTED: ethanolaminephosphotransferase 1 isoform X1 [Drop
>gi|1036913635|ref|XP_017154225.1| PREDICTED: ethanolaminephosphotransferase 1 isoform X2 [Dros
>gi|1036913670|ref|XP_017154227.1| PREDICTED: uncharacterized protein LOC108163450 [Drosophila
>gi|1036913652|ref|XP_017154226.1| PREDICTED: uncharacterized protein LOC108163449 [Drosophila
>gi|1036861760|ref|XP_017151353.1| PREDICTED: uncharacterized protein LOC108161576 [Drosophila
>gi|1036889076|ref|XP_017152856.1| PREDICTED: protein ref(2)P [Drosophila miranda]
>gi|1036889094|ref|XP_017152857.1| PREDICTED: uncharacterized protein LOC108162568 [Drosophila
>gi|1036889058|ref|XP 017152855.1| PREDICTED: LOW QUALITY PROTEIN: pregnancy zone protein [Dro
>gi|1036891932|ref|XP_017153021.1| PREDICTED: equilibrative nucleoside transporter 1 [Drosophi
>gi|1036891951|ref|XP 017153022.1| PREDICTED: tRNA (adenine(58)-N(1))-methyltransferase non-ca
>gi|1036891970|ref|XP_017153023.1| PREDICTED: tRNA (adenine(58)-N(1))-methyltransferase non-ca
>gi|1036892008|ref|XP_017153025.1| PREDICTED: cytochrome c oxidase subunit 5B, mitochondrial [
>gi|1036892027|ref|XP_017153026.1| PREDICTED: cytochrome c oxidase subunit 5B, mitochondrial [
>gi|1036891989|ref|XP_017153024.1| PREDICTED: intraflagellar transport protein 52 homolog [Dros
>gi|1036891894|ref|XP_017153019.1| PREDICTED: developmental protein eyes absent isoform X1 [Dref|XP_017153019.1]
>gi|1036891913|ref|XP_017153020.1| PREDICTED: developmental protein eyes absent isoform X2 [Dref|XP_017153020.1]
>gi|1036906571|ref|XP_017153847.1| PREDICTED: male-specific sperm protein Mst84Da-like [Drosop
>gi|1036906535|ref|XP_017153845.1| PREDICTED: carbohydrate sulfotransferase 4 isoform X1 [Dros
>gi|1036906553|ref|XP_017153846.1| PREDICTED: carbohydrate sulfotransferase 2 isoform X2 [Dros
>gi|1036896606|ref|XP_017153280.1| PREDICTED: uncharacterized protein LOC108162847 [Drosophila
>gi|1036896551|ref|XP_017153278.1| PREDICTED: coiled-coil domain-containing protein 102A isofo
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>gi|1036896532|ref|XP_017153277.1| PREDICTED: coiled-coil domain-containing protein 102A isofo
>gi|1036896588|ref|XP_017153279.1| PREDICTED: glutaryl-CoA dehydrogenase, mitochondrial [Droso
>gi|1036896663|ref|XP_017153283.1| PREDICTED: uncharacterized protein CG9548 [Drosophila mirane
>gi|1036896625|ref|XP_017153281.1| PREDICTED: coatomer subunit epsilon [Drosophila miranda]
>gi|1036896644|ref|XP 017153282.1| PREDICTED: ATP-dependent (S)-NAD(P)H-hydrate dehydratase [Di
>gi|1036909387|ref|XP_017153994.1| PREDICTED: kynurenine formamidase [Drosophila miranda]
>gi|1036909405|ref|XP 017153995.1| PREDICTED: kynurenine formamidase [Drosophila miranda]
>gi|1036909351|ref|XP_017153991.1| PREDICTED: proteoglycan 4 isoform X2 [Drosophila miranda]
>gi|1036909330|ref|XP_017153990.1| PREDICTED: proteoglycan 4 isoform X1 [Drosophila miranda]
>gi|1036909369|ref|XP_017153993.1| PREDICTED: proteoglycan 4 isoform X3 [Drosophila miranda]
>gi|1036910251|ref|XP_017154033.1| PREDICTED: protein transport protein Sec61 subunit alpha [Di
>gi|1036910271|ref|XP_017154035.1| PREDICTED: transmembrane protein 115 [Drosophila miranda]
>gi|1036900996|ref|XP_017153532.1| PREDICTED: UDP-N-acetylhexosamine pyrophosphorylase-like pro
>gi|1036901013|ref|XP_017153533.1| PREDICTED: UDP-N-acetylhexosamine pyrophosphorylase isoform
>gi|1036900976|ref|XP_017153531.1| PREDICTED: UDP-N-acetylhexosamine pyrophosphorylase isoform
>gi|1036901102|ref|XP_017153538.1| PREDICTED: hemK methyltransferase family member 1 [Drosophi
>gi|1036901051|ref|XP_017153535.1| PREDICTED: RING finger and CHY zinc finger domain-containing
>gi|1036901067|ref|XP_017153536.1| PREDICTED: RING finger and CHY zinc finger domain-containing
>gi|1036901084|ref|XP_017153537.1| PREDICTED: RING finger and CHY zinc finger domain-containing
>gi|1036901033|ref|XP 017153534.1| PREDICTED: lysophospholipid acyltransferase 7 [Drosophila m
>gi|1036928781|ref|XP_017155081.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036928799|ref|XP_017155082.1| PREDICTED: phospholipase A1 2 [Drosophila miranda]
>gi|1036928853|ref|XP_017155086.1| PREDICTED: dynein light chain roadblock-type 1 [Drosophila i
>gi|1036928835|ref|XP_017155085.1| PREDICTED: metacaspase-1 [Drosophila miranda]
>gi|1036928817|ref|XP_017155083.1| PREDICTED: uncharacterized protein LOC108164019 [Drosophila
>gi|1036932475|ref|XP_017155278.1| PREDICTED: RNA polymerase-associated protein Rtf1 isoform X
>gi|1036932493|ref|XP_017155279.1| PREDICTED: RNA polymerase-associated protein Rtf1 isoform X
>gi|1036932510|ref|XP_017155281.1| PREDICTED: uncharacterized protein LOC108164175 [Drosophila
>gi|1036931873|ref|XP_017155246.1| PREDICTED: BTB/POZ domain-containing protein 9 isoform X1 [
>gi|1036931891|ref|XP_017155247.1| PREDICTED: uncharacterized protein LOC108164154 isoform X2
>gi|1036931908|ref|XP_017155249.1| PREDICTED: uncharacterized protein LOC108164154 isoform X2
>gi|1036931925|ref|XP_017155250.1| PREDICTED: uncharacterized protein LOC108164154 isoform X2
>gi|1036927238|ref|XP_017154999.1| PREDICTED: transcription initiation factor TFIID subunit 5
>gi|1036927182|ref|XP_017154996.1| PREDICTED: uncharacterized protein LOC108163958 isoform X1
>gi|1036927218|ref|XP 017154998.1| PREDICTED: uncharacterized protein LOC108163958 isoform X3
>gi|1036927200|ref|XP_017154997.1| PREDICTED: uncharacterized protein LOC108163958 isoform X2
>gi|1036927258|ref|XP_017155000.1| PREDICTED: proteasome subunit alpha type-7-1-like isoform X
>gi|1036927276|ref|XP_017155001.1| PREDICTED: proteasome subunit alpha type-7-1-like isoform X
>gi|1036853894|ref|XP_017150913.1| PREDICTED: uncharacterized protein LOC108161202 [Drosophila
>gi|1036853913|ref|XP_017150914.1| PREDICTED: uncharacterized protein LOC108161203 [Drosophila
>gi|1036927383|ref|XP_017155009.1| PREDICTED: protein tiptop [Drosophila miranda]
>gi|1036927401|ref|XP_017155010.1| PREDICTED: protein tiptop [Drosophila miranda]
>gi|1036881875|ref|XP_017152461.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036853932|ref|XP_017150915.1| PREDICTED: uncharacterized protein LOC108161205 [Drosophila
>gi|1036853949|ref|XP_017150916.1| PREDICTED: uncharacterized protein LOC108161206 [Drosophila
>gi|1036881827|ref|XP_017152457.1| PREDICTED: uncharacterized protein LOC108162302 [Drosophila
>gi|1036881892|ref|XP_017152462.1| PREDICTED: uncharacterized protein LOC108162305 [Drosophila
>gi|1036881817|ref|XP_017152456.1| PREDICTED: uncharacterized protein LOC108162301 [Drosophila
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>gi|1036881930|ref|XP_017152464.1| PREDICTED: uncharacterized protein LOC108162307 [Drosophila
>gi|1036881947|ref|XP_017152465.1| PREDICTED: uncharacterized protein LOC108162307 [Drosophila
>gi|1036881911|ref|XP_017152463.1| PREDICTED: uncharacterized protein LOC108162306 [Drosophila
>gi|1036853968|ref|XP_017150917.1| PREDICTED: ER membrane protein complex subunit 7 homolog [Di
>gi|1036881802|ref|XP 017152455.1| PREDICTED: protein teashirt [Drosophila miranda]
>gi|1036853987|ref|XP_017150919.1| PREDICTED: uncharacterized protein LOC108161208 [Drosophila
>gi|1036881783|ref|XP_017152454.1| PREDICTED: zinc finger protein 700 [Drosophila miranda]
>gi|1036881838|ref|XP_017152459.1| PREDICTED: activator of 90 kDa heat shock protein ATPase hor
>gi|1036881856|ref|XP_017152460.1| PREDICTED: activator of 90 kDa heat shock protein ATPase hor
>gi|1036893331|ref|XP_017153101.1| PREDICTED: cytohesin-1 isoform X2 [Drosophila miranda]
>gi|1036893349|ref|XP_017153102.1| PREDICTED: cytohesin-1 isoform X3 [Drosophila miranda]
>gi|1036893314|ref|XP_017153100.1| PREDICTED: ankyrin repeat, PH and SEC7 domain containing pro-
>gi|1036892851|ref|XP_017153070.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase a
>gi|1036892870|ref|XP_017153072.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase a
>gi|1036892811|ref|XP_017153068.1| PREDICTED: zinc finger protein 708 [Drosophila miranda]
>gi|1036892689|ref|XP_017153064.1| PREDICTED: myosin-G heavy chain isoform X1 [Drosophila mirated
>gi|1036892711|ref|XP_017153065.1| PREDICTED: unconventional myosin-IXb isoform X2 [Drosophila
>gi|1036892730|ref|XP_017153066.1| PREDICTED: unconventional myosin-IXb isoform X2 [Drosophila
>gi|1036892792|ref|XP_017153067.1| PREDICTED: unconventional myosin-IXb isoform X2 [Drosophila
>gi|1036892889|ref|XP_017153073.1| PREDICTED: uncharacterized protein LOC108162719 [Drosophila
>gi|1036892907|ref|XP_017153074.1| PREDICTED: uncharacterized protein LOC108162720 [Drosophila
>gi|1036892963|ref|XP 017153077.1| PREDICTED: diuretic hormone class 2 isoform X2 [Drosophila 1
>gi|1036892926|ref|XP_017153075.1| PREDICTED: diuretic hormone class 2 isoform X1 [Drosophila i
>gi|1036892945|ref|XP_017153076.1| PREDICTED: diuretic hormone class 2 isoform X1 [Drosophila 1
>gi|1036892832|ref|XP_017153069.1| PREDICTED: lysosomal aspartic protease [Drosophila miranda]
>gi|1036916436|ref|XP_017154391.1| PREDICTED: ribosomal L1 domain-containing protein CG13096 [
>gi|1036875902|ref|XP_017152141.1| PREDICTED: U3 small nucleolar ribonucleoprotein protein MPP
>gi|1036875973|ref|XP_017152144.1| PREDICTED: phosphatidylinositol glycan anchor biosynthesis
>gi|1036876011|ref|XP_017152146.1| PREDICTED: 39S ribosomal protein L51, mitochondrial [Drosop
>gi|1036875952|ref|XP_017152143.1| PREDICTED: adenylyltransferase and sulfurtransferase MOCS3
>gi|1036875933|ref|XP_017152142.1| PREDICTED: angiotensin-converting enzyme-related protein [Di
>gi|1036875992|ref|XP_017152145.1| PREDICTED: homeobox protein Hmx [Drosophila miranda]
>gi|1036876028|ref|XP_017152147.1| PREDICTED: anaphase-promoting complex subunit 11 [Drosophile
>gi|1036902641|ref|XP_017153622.1| PREDICTED: uncharacterized protein LOC108163062 [Drosophila
>gi|1036902659|ref|XP 017153623.1| PREDICTED: uncharacterized protein LOC108163062 [Drosophila
>gi|1036902677|ref|XP_017153625.1| PREDICTED: probable phosphomevalonate kinase [Drosophila mi
>gi|1036902623|ref|XP_017153621.1| PREDICTED: E3 ubiquitin-protein ligase Hakai [Drosophila mi
>gi|1036856441|ref|XP_017151067.1| PREDICTED: proliferating cell nuclear antigen [Drosophila m
>gi|1036907230|ref|XP_017153881.1| PREDICTED: probable RNA helicase armi [Drosophila miranda]
>gi|1036923716|ref|XP_017154803.1| PREDICTED: cyclin-dependent kinases regulatory subunit [Dros
>gi|1036927788|ref|XP_017155033.1| PREDICTED: excitatory amino acid transporter 1 [Drosophila i
>gi|1036927806|ref|XP_017155034.1| PREDICTED: excitatory amino acid transporter 1 [Drosophila 1
>gi|1036927824|ref|XP_017155035.1| PREDICTED: excitatory amino acid transporter 1 [Drosophila i
>gi|1036934561|ref|XP_017155394.1| PREDICTED: uncharacterized protein LOC108164263 [Drosophila
>gi|1036854005|ref|XP_017150920.1| PREDICTED: uncharacterized protein LOC108161209 [Drosophila
>gi|1036854022|ref|XP_017150921.1| PREDICTED: uncharacterized protein LOC108161210 [Drosophila
>gi|1036863311|ref|XP_017151435.1| PREDICTED: trypsin inhibitor [Drosophila miranda]
>gi|1036860155|ref|XP_017151261.1| PREDICTED: uncharacterized protein LOC108161497 [Drosophila
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>gi|1036917277|ref|XP_017154436.1| PREDICTED: potassium voltage-gated channel protein Shaw [Dream of the content of the conten
>gi|1036917314|ref|XP_017154438.1| PREDICTED: aldehyde dehydrogenase, mitochondrial-like [Dros
>gi|1036917294|ref|XP 017154437.1| PREDICTED: aldehyde dehydrogenase, mitochondrial-like [Dros
>gi|1036921613|ref|XP_017154686.1| PREDICTED: laccase-2 [Drosophila miranda]
>gi|1036917108|ref|XP_017154425.1| PREDICTED: fat body protein 2 [Drosophila miranda]
>gi|1036917072|ref|XP_017154423.1| PREDICTED: alpha-(1,3)-fucosyltransferase B-like [Drosophile]
>gi|1036917090|ref|XP 017154424.1| PREDICTED: uncharacterized protein LOC108163568 [Drosophila
>gi|1036854039|ref|XP_017150922.1| PREDICTED: alpha-(1,3)-fucosyltransferase B-like [Drosophile]
>gi|1036919650|ref|XP_017154567.1| PREDICTED: alpha-(1,3)-fucosyltransferase B-like [Drosophile]
>gi|1036888487|ref|XP_017152821.1| PREDICTED: vacuolar protein sorting-associated protein 54 [
>gi|1036888520|ref|XP_017152823.1| PREDICTED: cytoplasmic dynein 2 light intermediate chain 1
>gi|1036888537|ref|XP_017152825.1| PREDICTED: 40S ribosomal protein S28 [Drosophila miranda]
>gi|1036888502|ref|XP_017152822.1| PREDICTED: protein numb [Drosophila miranda]
>gi|1036909519|ref|XP_017154002.1| PREDICTED: rab GDP dissociation inhibitor alpha [Drosophila
>gi|1036909537|ref|XP_017154003.1| PREDICTED: putative nuclease HARBI1 [Drosophila miranda]
>gi|1036901307|ref|XP_017153551.1| PREDICTED: probable phospholipid-transporting ATPase VA iso
>gi|1036901325|ref|XP_017153552.1| PREDICTED: probable phospholipid-transporting ATPase VA iso
>gi|1036901347|ref|XP 017153553.1| PREDICTED: probable phospholipid-transporting ATPase VA iso
>gi|1036903963|ref|XP_017153695.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036903983|ref|XP_017153696.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036904001|ref|XP_017153697.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036904019|ref|XP_017153698.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036904037|ref|XP_017153699.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036921989|ref|XP_017154709.1| PREDICTED: transmembrane and coiled-coil domain-containing
>gi|1036922007|ref|XP_017154710.1| PREDICTED: transmembrane and coiled-coil domain-containing
>gi|1036921973|ref|XP_017154708.1| PREDICTED: FAD-dependent oxidoreductase domain-containing p
>gi|1036875534|ref|XP_017152119.1| PREDICTED: probable 26S proteasome non-ATPase regulatory su
>gi|1036875475|ref|XP_017152115.1| PREDICTED: probable serine/threonine-protein kinase yakA is
>gi|1036875493|ref|XP_017152116.1| PREDICTED: probable serine/threonine-protein kinase yakA is
>gi|1036875517|ref|XP_017152118.1| PREDICTED: trithorax group protein osa isoform X2 [Drosophi
>gi|1036875455|ref|XP_017152114.1| PREDICTED: protein phosphatase PHLPP-like protein [Drosophi
>gi|1036875585|ref|XP_017152122.1| PREDICTED: tRNA-dihydrouridine(20a/20b) synthase [NAD(P)+]-
>gi|1036875548|ref|XP 017152120.1| PREDICTED: protein CNPPD1 isoform X1 [Drosophila miranda]
>gi|1036875567|ref|XP_017152121.1| PREDICTED: protein CNPPD1 isoform X2 [Drosophila miranda]
>gi|1036875621|ref|XP 017152124.1| PREDICTED: transmembrane protein 65 isoform X2 [Drosophila 1
>gi|1036875602|ref|XP_017152123.1| PREDICTED: uncharacterized protein C03B8.3 isoform X1 [Dros
>gi|1036875640|ref|XP_017152126.1| PREDICTED: general odorant-binding protein 28a [Drosophila i
>gi|1036854057|ref|XP_017150923.1| PREDICTED: LOW QUALITY PROTEIN: CD209 antigen-like protein
>gi|1036925303|ref|XP_017154888.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036901685|ref|XP_017153570.1| PREDICTED: caltractin [Drosophila miranda]
>gi|1036901667|ref|XP_017153569.1| PREDICTED: uncharacterized protein LOC108163032 isoform X2
>gi|1036901612|ref|XP_017153566.1| PREDICTED: uncharacterized protein LOC108163032 isoform X1
>gi|1036901629|ref|XP 017153567.1| PREDICTED: uncharacterized protein LOC108163032 isoform X1
>gi|1036901647|ref|XP_017153568.1| PREDICTED: uncharacterized protein LOC108163032 isoform X1
>gi|1036861242|ref|XP_017151321.1| PREDICTED: uncharacterized protein LOC108161550 [Drosophila
>gi|1036854075|ref|XP_017150924.1| PREDICTED: uncharacterized protein LOC108161213 [Drosophila
>gi|1036854094|ref|XP_017150925.1| PREDICTED: uncharacterized protein LOC108161214 [Drosophila
>gi|1036923678|ref|XP_017154801.1| PREDICTED: lipase 3 [Drosophila miranda]
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>gi|1036923696|ref|XP_017154802.1| PREDICTED: C-type lectin domain family 4 member M-like [Dros
>gi|1036915082|ref|XP_017154306.1| PREDICTED: zinc finger protein 239 isoform X1 [Drosophila m
>gi|1036915098|ref|XP_017154307.1| PREDICTED: zinc finger protein 239 isoform X1 [Drosophila m
>gi|1036915113|ref|XP_017154308.1| PREDICTED: zinc finger protein 2 homolog isoform X2 [Drosop
>gi|1036916177|ref|XP 017154375.1| PREDICTED: uncharacterized protein LOC108163533 [Drosophila
>gi|1036916157|ref|XP_017154374.1| PREDICTED: uncharacterized protein LOC108163532 [Drosophila
>gi|1036887794|ref|XP 017152786.1| PREDICTED: nuclear transcription factor Y subunit B-1 [Dros
>gi|1036887776|ref|XP_017152785.1| PREDICTED: uncharacterized protein LOC108162515 [Drosophila
>gi|1036906363|ref|XP_017153835.1| PREDICTED: GTP-binding protein 10 homolog [Drosophila miran-
>gi|1036906345|ref|XP_017153834.1| PREDICTED: tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-lik
>gi|1036906399|ref|XP_017153837.1| PREDICTED: fructose-1,6-bisphosphatase 1 isoform X2 [Drosop
>gi|1036906381|ref|XP_017153836.1| PREDICTED: fructose-1,6-bisphosphatase 1 isoform X1 [Drosop
>gi|1036906417|ref|XP_017153838.1| PREDICTED: fructose-1,6-bisphosphatase 1 isoform X3 [Drosop
>gi|1036860524|ref|XP_017151280.1| PREDICTED: brain-specific homeobox protein [Drosophila mirated]
>gi|1036912229|ref|XP_017154139.1| PREDICTED: coronin-6-like isoform X1 [Drosophila miranda]
>gi|1036912247|ref|XP_017154140.1| PREDICTED: coronin-6-like isoform X2 [Drosophila miranda]
>gi|1036931354|ref|XP_017155218.1| PREDICTED: myb-like protein Q [Drosophila miranda]
>gi|1036931372|ref|XP_017155219.1| PREDICTED: myb-like protein Q [Drosophila miranda]
>gi|1036931390|ref|XP_017155220.1| PREDICTED: myb-like protein Q [Drosophila miranda]
>gi|1036931408|ref|XP 017155221.1| PREDICTED: myb-like protein Q [Drosophila miranda]
>gi|1036907806|ref|XP_017153909.1| PREDICTED: uncharacterized protein LOC108163253 isoform X1
>gi|1036907824|ref|XP 017153910.1| PREDICTED: uncharacterized protein LOC108163253 isoform X2
>gi|1036907842|ref|XP_017153911.1| PREDICTED: uncharacterized protein LOC108163253 isoform X3
>gi|1036907860|ref|XP_017153912.1| PREDICTED: uncharacterized protein LOC108163253 isoform X4
>gi|1036927770|ref|XP_017155032.1| PREDICTED: uncharacterized protein LOC108163982 [Drosophila
>gi|1036854110|ref|XP_017150927.1| PREDICTED: GTPase-activating protein CdGAPr-like [Drosophile
>gi|1036854129|ref|XP_017150928.1| PREDICTED: GTPase-activating protein CdGAPr-like [Drosophile
>gi|1036854146|ref|XP_017150929.1| PREDICTED: GTPase-activating protein CdGAPr-like [Drosophile]
>gi|1036913257|ref|XP_017154201.1| PREDICTED: RNA-binding motif protein, X-linked 2 [Drosophile
>gi|1036913223|ref|XP_017154199.1| PREDICTED: probable RNA polymerase II nuclear localization
>gi|1036913239|ref|XP_017154200.1| PREDICTED: uncharacterized protein LOC108163429 isoform X2
>gi|1036921431|ref|XP_017154675.1| PREDICTED: UV radiation resistance-associated gene protein
>gi|1036901367|ref|XP_017153554.1| PREDICTED: probable phospholipid-transporting ATPase IIA is
>gi|1036901384|ref|XP_017153555.1| PREDICTED: probable phospholipid-transporting ATPase IIB is
>gi|1036901402|ref|XP 017153556.1| PREDICTED: uncharacterized protein LOC108163026 [Drosophila
>gi|1036854162|ref|XP_017150930.1| PREDICTED: uncharacterized protein LOC108161218 [Drosophila
>gi|1036912938|ref|XP_017154181.1| PREDICTED: uncharacterized protein LOC108163423 [Drosophila
>gi|1036912920|ref|XP_017154180.1| PREDICTED: uncharacterized protein LOC108163422 [Drosophila
>gi|1036912956|ref|XP_017154182.1| PREDICTED: GTPase-activating protein CdGAPr-like [Drosophile
>gi|1036934858|ref|XP_017155410.1| PREDICTED: uncharacterized protein LOC108164275 [Drosophila
>gi|1036854177|ref|XP_017150931.1| PREDICTED: protein toll-like [Drosophila miranda]
>gi|1036854196|ref|XP_017150932.1| PREDICTED: protein toll-like [Drosophila miranda]
>gi|1036890838|ref|XP_017152954.1| PREDICTED: elongation factor 2 [Drosophila miranda]
>gi|1036890798|ref|XP_017152952.1| PREDICTED: acyl-CoA synthetase family member 4 homolog isof
>gi|1036890817|ref|XP_017152953.1| PREDICTED: acyl-CoA synthetase family member 4 homolog isof
>gi|1036932992|ref|XP_017155309.1| PREDICTED: keratin, ultra high-sulfur matrix protein [Droso
>gi|1036933240|ref|XP_017155323.1| PREDICTED: D-aspartate oxidase [Drosophila miranda]
>gi|1036933260|ref|XP_017155324.1| PREDICTED: uncharacterized protein LOC108164205 [Drosophila
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>gi|1036931165|ref|XP_017155208.1| PREDICTED: zinc finger protein sens isoform X1 [Drosophila i
>gi|1036931180|ref|XP_017155209.1| PREDICTED: zinc finger protein sens isoform X2 [Drosophila i
>gi|1036923326|ref|XP_017154792.1| PREDICTED: uncharacterized protein LOC108163813 [Drosophila
>gi|1036869809|ref|XP_017151793.1| PREDICTED: HEAT repeat-containing protein 1 homolog [Drosop
>gi|1036869881|ref|XP 017151797.1| PREDICTED: mitochondrial sodium/hydrogen exchanger 9B2 isof
>gi|1036869900|ref|XP_017151799.1| PREDICTED: mitochondrial sodium/hydrogen exchanger 9B2 isof
>gi|1036869918|ref|XP 017151800.1| PREDICTED: mitochondrial sodium/hydrogen exchanger 9B2 isof
>gi|1036869826|ref|XP_017151794.1| PREDICTED: uncharacterized protein LOC108161906 [Drosophila
>gi|1036869845|ref|XP_017151795.1| PREDICTED: uncharacterized protein LOC108161906 [Drosophila
>gi|1036869937|ref|XP_017151801.1| PREDICTED: DNA-directed RNA polymerase I subunit RPA43 [Dros
>gi|1036869864|ref|XP_017151796.1| PREDICTED: 5'-3' exoribonuclease 2 homolog [Drosophila mirates]
>gi|1036873427|ref|XP_017152001.1| PREDICTED: wee1-like protein kinase [Drosophila miranda]
>gi|1036873501|ref|XP_017152005.1| PREDICTED: probable splicing factor, arginine/serine-rich 6
>gi|1036873484|ref|XP_017152004.1| PREDICTED: probable splicing factor, arginine/serine-rich 6
>gi|1036873446|ref|XP_017152002.1| PREDICTED: nucleolar protein 58 [Drosophila miranda]
>gi|1036873465|ref|XP_017152003.1| PREDICTED: heterogeneous nuclear ribonucleoprotein 27C [Dros
>gi|1036900334|ref|XP_017153494.1| PREDICTED: uncharacterized protein LOC108162992 [Drosophila
>gi|1036900263|ref|XP_017153489.1| PREDICTED: myosin-4 isoform X2 [Drosophila miranda]
>gi|1036900281|ref|XP_017153490.1| PREDICTED: interaptin isoform X3 [Drosophila miranda]
>gi|1036900227|ref|XP 017153487.1| PREDICTED: myosin-4 isoform X1 [Drosophila miranda]
>gi|1036900246|ref|XP_017153488.1| PREDICTED: myosin-4 isoform X1 [Drosophila miranda]
>gi|1036900297|ref|XP 017153492.1| PREDICTED: circulating cathodic antigen homolog [Drosophila
>gi|1036900316|ref|XP_017153493.1| PREDICTED: circulating cathodic antigen homolog [Drosophila
>gi|1036913994|ref|XP 017154246.1| PREDICTED: LOW QUALITY PROTEIN: interference hedgehog [Dros
>gi|1036876695|ref|XP_017152182.1| PREDICTED: LOW QUALITY PROTEIN: YEATS domain-containing pro-
>gi|1036876548|ref|XP_017152173.1| PREDICTED: cohesin subunit SA-1 [Drosophila miranda]
>gi|1036876640|ref|XP_017152179.1| PREDICTED: zinc finger BED domain-containing protein 1 isof
>gi|1036876621|ref|XP_017152178.1| PREDICTED: zinc finger BED domain-containing protein 1 isof
>gi|1036876566|ref|XP_017152175.1| PREDICTED: mini-chromosome maintenance complex-binding prote
>gi|1036876659|ref|XP_017152180.1| PREDICTED: ZZ-type zinc finger-containing protein 3 [Drosop
>gi|1036876676|ref|XP_017152181.1| PREDICTED: hydroxymethylglutaryl-CoA lyase, mitochondrial [
>gi|1036876584|ref|XP_017152176.1| PREDICTED: uncharacterized protein LOC108162115 isoform X1
>gi|1036876602|ref|XP 017152177.1| PREDICTED: uncharacterized protein LOC108162115 isoform X2
>gi|1036924344|ref|XP_017154839.1| PREDICTED: oxygen-dependent coproporphyrinogen-III oxidase
>gi|1036877571|ref|XP 017152225.1| PREDICTED: small ubiquitin-related modifier 2 [Drosophila m
>gi|1036877497|ref|XP_017152221.1| PREDICTED: U1 small nuclear ribonucleoprotein 70 kDa [Droso
>gi|1036877461|ref|XP 017152218.1| PREDICTED: protein cup [Drosophila miranda]
>gi|1036877534|ref|XP_017152223.1| PREDICTED: probable galactose-1-phosphate uridylyltransfera
>gi|1036877516|ref|XP_017152222.1| PREDICTED: serpin B3 [Drosophila miranda]
>gi|1036877590|ref|XP_017152226.1| PREDICTED: uncharacterized protein LOC108162159 [Drosophila
>gi|1036877479|ref|XP_017152220.1| PREDICTED: protein cortex [Drosophila miranda]
>gi|1036877553|ref|XP_017152224.1| PREDICTED: non-structural maintenance of chromosomes elemen
>gi|1036909945|ref|XP_017154016.1| PREDICTED: sodium/hydrogen exchanger 9 isoform X3 [Drosophi
>gi|1036910038|ref|XP_017154021.1| PREDICTED: sodium/hydrogen exchanger 6 isoform X8 [Drosophi
>gi|1036909983|ref|XP_017154018.1| PREDICTED: sodium/hydrogen exchanger 6 isoform X5 [Drosophi
>gi|1036909965|ref|XP_017154017.1| PREDICTED: sodium/hydrogen exchanger 7 isoform X4 [Drosophi
>gi|1036909728|ref|XP_017154014.1| PREDICTED: sodium/hydrogen exchanger 9 isoform X1 [Drosophi
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>gi|1036910001|ref|XP\_017154019.1| PREDICTED: sodium/hydrogen exchanger 9 isoform X6 [Drosophi

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>gi|1036909746|ref|XP_017154015.1| PREDICTED: sodium/hydrogen exchanger 9 isoform X2 [Drosophi
>gi|1036910019|ref|XP_017154020.1| PREDICTED: sodium/hydrogen exchanger 6 isoform X7 [Drosophi
>gi|1036910060|ref|XP_017154023.1| PREDICTED: uncharacterized protein LOC108163311 [Drosophila
>gi|1036910080|ref|XP_017154024.1| PREDICTED: WD repeat-containing protein 24-like [Drosophila
>gi|1036910098|ref|XP 017154025.1| PREDICTED: WD repeat-containing protein 24-like [Drosophila
>gi|1036854212|ref|XP_017150934.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036917545|ref|XP 017154453.1| PREDICTED: acyl-coenzyme A thioesterase 9, mitochondrial-li
>gi|1036917491|ref|XP_017154449.1| PREDICTED: ubiquitin conjugation factor E4 A [Drosophila mi
>gi|1036917509|ref|XP_017154450.1| PREDICTED: ubiquitin conjugation factor E4 A [Drosophila mi
>gi|1036917527|ref|XP_017154452.1| PREDICTED: ubiquitin conjugation factor E4 A [Drosophila mi
>gi|1036934800|ref|XP_017155407.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036934818|ref|XP_017155408.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036934836|ref|XP_017155409.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036908876|ref|XP_017153964.1| PREDICTED: uncharacterized protein LOC108163275 isoform X1
>gi|1036908894|ref|XP_017153965.1| PREDICTED: uncharacterized protein LOC108163275 isoform X2
>gi|1036908833|ref|XP_017153963.1| PREDICTED: transport and Golgi organization protein 1 [Drose
>gi|1036906453|ref|XP_017153841.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017153841.1]
>gi|1036906479|ref|XP_017153842.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017153842.1]
>gi|1036906499|ref|XP_017153843.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dr
>gi|1036906517|ref|XP 017153844.1| PREDICTED: serine-rich adhesin for platelets isoform X3 [Dref|XP 017153844.1]
>gi|1036929792|ref|XP_017155138.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036929810|ref|XP 017155139.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 [Drosophila
>gi|1036883158|ref|XP_017152529.1| PREDICTED: heme oxygenase 2-like [Drosophila miranda]
>gi|1036854230|ref|XP_017150935.1| PREDICTED: uncharacterized protein LOC108161222 [Drosophila
>gi|1036883046|ref|XP_017152523.1| PREDICTED: neurotrimin isoform X1 [Drosophila miranda]
>gi|1036883063|ref|XP_017152524.1| PREDICTED: neurotrimin isoform X2 [Drosophila miranda]
>gi|1036883082|ref|XP_017152525.1| PREDICTED: uncharacterized protein LOC108162341 [Drosophila
>gi|1036883101|ref|XP_017152526.1| PREDICTED: uncharacterized protein LOC108162341 [Drosophila
>gi|1036883214|ref|XP_017152533.1| PREDICTED: maf-like protein aq_1718 [Drosophila miranda]
>gi|1036883027|ref|XP_017152521.1| PREDICTED: argininosuccinate lyase [Drosophila miranda]
>gi|1036883119|ref|XP_017152527.1| PREDICTED: tetraspanin-6 [Drosophila miranda]
>gi|1036883139|ref|XP_017152528.1| PREDICTED: tetraspanin-6 [Drosophila miranda]
>gi|1036882991|ref|XP_017152519.1| PREDICTED: tubulin glycylase 3B-like [Drosophila miranda]
>gi|1036883010|ref|XP_017152520.1| PREDICTED: tubulin glycylase 3B-like [Drosophila miranda]
>gi|1036883177|ref|XP 017152530.1| PREDICTED: CD63 antigen [Drosophila miranda]
>gi|1036883195|ref|XP_017152532.1| PREDICTED: CD63 antigen [Drosophila miranda]
>gi|1036923898|ref|XP_017154814.1| PREDICTED: uncharacterized protein LOC108163827 isoform X7
>gi|1036923808|ref|XP_017154809.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dr
>gi|1036923862|ref|XP_017154812.1| PREDICTED: serine-rich adhesin for platelets isoform X5 [Dr
>gi|1036923826|ref|XP_017154810.1| PREDICTED: uncharacterized protein LOC108163827 isoform X3
>gi|1036923736|ref|XP_017154804.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017154804.1]
>gi|1036923772|ref|XP_017154807.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017154807.1]
>gi|1036923790|ref|XP_017154808.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017154808.1]
>gi|1036923916|ref|XP_017154815.1| PREDICTED: serine-rich adhesin for platelets isoform X8 [Dref|XP_017154815.1]
>gi|1036923880|ref|XP_017154813.1| PREDICTED: serine-rich adhesin for platelets isoform X6 [Dref|XP_017154813.1]
>gi|1036863495|ref|XP_017151445.1| PREDICTED: uncharacterized protein LOC108161654 [Drosophila
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>gi|1036935754|ref|XP_017155463.1| PREDICTED: uncharacterized protein LOC108164320 [Drosophila
>gi|1036935771|ref|XP_017155464.1| PREDICTED: uncharacterized protein LOC108164321 [Drosophila
>gi|1036854248|ref|XP_017150936.1| PREDICTED: ATP-binding cassette sub-family A member 3 [Dros
>gi|1036930521|ref|XP_017155173.1| PREDICTED: uncharacterized protein LOC108164096 [Drosophila
>gi|1036859683|ref|XP 017151235.1| PREDICTED: uncharacterized protein LOC108161477 [Drosophila
>gi|1036920157|ref|XP_017154597.1| PREDICTED: LOW QUALITY PROTEIN: GATA zinc finger domain-con
>gi|1036929259|ref|XP 017155108.1| PREDICTED: lysosomal alpha-mannosidase [Drosophila miranda]
>gi|1036854267|ref|XP_017150937.1| PREDICTED: lysosomal alpha-mannosidase-like, partial [Droso
>gi|1036928941|ref|XP_017155091.1| PREDICTED: lysosomal alpha-mannosidase [Drosophila miranda]
>gi|1036928887|ref|XP_017155088.1| PREDICTED: lysosomal alpha-mannosidase-like isoform X1 [Dros
>gi|1036928923|ref|XP_017155090.1| PREDICTED: lysosomal alpha-mannosidase-like isoform X3 [Dros
>gi|1036928905|ref|XP 017155089.1| PREDICTED: lysosomal alpha-mannosidase-like isoform X2 [Drog
>gi|1036859850|ref|XP_017151244.1| PREDICTED: uncharacterized protein LOC108161484 [Drosophila
>gi|1036859050|ref|XP_017151199.1| PREDICTED: uncharacterized protein LOC108161448 [Drosophila
>gi|1036906202|ref|XP_017153826.1| PREDICTED: uncharacterized protein LOC108163193 isoform X4
>gi|1036906148|ref|XP_017153823.1| PREDICTED: uncharacterized protein LOC108163193 isoform X1
>gi|1036906182|ref|XP_017153825.1| PREDICTED: uncharacterized protein LOC108163193 isoform X3
>gi|1036906164|ref|XP 017153824.1| PREDICTED: uncharacterized protein LOC108163193 isoform X2
>gi|1036906220|ref|XP_017153827.1| PREDICTED: uncharacterized protein LOC108163193 isoform X5
>gi|1036913782|ref|XP 017154233.1| PREDICTED: catalase [Drosophila miranda]
>gi|1036913764|ref|XP_017154232.1| PREDICTED: transcription factor HNF-4 homolog isoform X3 [Di
>gi|1036913746|ref|XP 017154231.1| PREDICTED: transcription factor HNF-4 homolog isoform X2 [Di
>gi|1036913726|ref|XP_017154230.1| PREDICTED: transcription factor HNF-4 homolog isoform X1 [Di
>gi|1036928869|ref|XP_017155087.1| PREDICTED: trafficking protein particle complex subunit 4 [
>gi|1036924736|ref|XP_017154861.1| PREDICTED: probable cGMP 3',5'-cyclic phosphodiesterase sub
>gi|1036924718|ref|XP_017154860.1| PREDICTED: glutactin [Drosophila miranda]
>gi|1036854286|ref|XP_017150938.1| PREDICTED: accessory gland protein Acp29AB-like [Drosophila
>gi|1036854304|ref|XP_017150939.1| PREDICTED: glutactin [Drosophila miranda]
>gi|1036885830|ref|XP_017152677.1| PREDICTED: glutactin [Drosophila miranda]
>gi|1036885941|ref|XP_017152682.1| PREDICTED: putative uncharacterized protein DDB_G0290521 [Di
>gi|1036885903|ref|XP_017152680.1| PREDICTED: semaphorin-1A isoform X3 [Drosophila miranda]
>gi|1036885868|ref|XP_017152679.1| PREDICTED: semaphorin-1A isoform X2 [Drosophila miranda]
>gi|1036885849|ref|XP_017152678.1| PREDICTED: semaphorin-1A isoform X1 [Drosophila miranda]
>gi|1036885922|ref|XP_017152681.1| PREDICTED: larval serum protein 1 gamma chain [Drosophila m
>gi|1036885960|ref|XP 017152683.1| PREDICTED: immune-induced peptide 3 [Drosophila miranda]
>gi|1036910811|ref|XP_017154063.1| PREDICTED: protein spitz [Drosophila miranda]
>gi|1036910829|ref|XP_017154064.1| PREDICTED: protein spitz [Drosophila miranda]
>gi|1036935429|ref|XP_017155442.1| PREDICTED: cytochrome b561 domain-containing protein 2 [Dros
>gi|1036862220|ref|XP_017151376.1| PREDICTED: uncharacterized protein LOC108161600 [Drosophila
>gi|1036926724|ref|XP_017154971.1| PREDICTED: uncharacterized protein LOC108163943 [Drosophila
>gi|1036925445|ref|XP_017154895.1| PREDICTED: uncharacterized protein LOC108163886 isoform X4
>gi|1036925427|ref|XP_017154894.1| PREDICTED: uncharacterized protein LOC108163886 isoform X3
>gi|1036925410|ref|XP 017154893.1| PREDICTED: uncharacterized protein LOC108163886 isoform X2
>gi|1036925374|ref|XP_017154891.1| PREDICTED: uncharacterized protein LOC108163886 isoform X1
>gi|1036925392|ref|XP_017154892.1| PREDICTED: uncharacterized protein LOC108163886 isoform X1
>gi|1036921194|ref|XP_017154662.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036921212|ref|XP_017154663.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036921232|ref|XP_017154664.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
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>gi|1036920608|ref|XP_017154625.1| PREDICTED: uncharacterized protein LOC108163701 isoform X1
>gi|1036920626|ref|XP_017154626.1| PREDICTED: uncharacterized protein LOC108163701 isoform X2
>gi|1036920644|ref|XP_017154627.1| PREDICTED: uncharacterized protein LOC108163701 isoform X3
>gi|1036930737|ref|XP_017155186.1| PREDICTED: uncharacterized protein LOC108164106 [Drosophila
>gi|1036854322|ref|XP 017150941.1| PREDICTED: uncharacterized protein LOC108161227 [Drosophila
>gi|1036928683|ref|XP_017155076.1| PREDICTED: uncharacterized protein LOC108164012 [Drosophila
>gi|1036928666|ref|XP 017155075.1| PREDICTED: uncharacterized protein LOC108164011 isoform X2
>gi|1036928650|ref|XP_017155074.1| PREDICTED: uncharacterized protein LOC108164011 isoform X1
>gi|1036933841|ref|XP_017155353.1| PREDICTED: uncharacterized protein LOC108164233 [Drosophila
>gi|1036854340|ref|XP_017150942.1| PREDICTED: proteasome subunit beta type-6-like [Drosophila i
>gi|1036933638|ref|XP_017155344.1| PREDICTED: uncharacterized protein LOC108164222 [Drosophila
>gi|1036934946|ref|XP_017155415.1| PREDICTED: adenylate kinase isoenzyme 5 isoform X2 [Drosoph
>gi|1036934930|ref|XP_017155414.1| PREDICTED: adenylate kinase isoenzyme 5 isoform X1 [Drosoph
>gi|1036934964|ref|XP_017155416.1| PREDICTED: adenylate kinase isoenzyme 5 isoform X3 [Drosoph
>gi|1036929438|ref|XP_017155119.1| PREDICTED: protein rolling stone [Drosophila miranda]
>gi|1036929456|ref|XP_017155120.1| PREDICTED: protein rolling stone [Drosophila miranda]
>gi|1036929474|ref|XP_017155121.1| PREDICTED: sex-regulated protein janus-A [Drosophila mirand
>gi|1036911269|ref|XP_017154088.1| PREDICTED: protein rolling stone [Drosophila miranda]
>gi|1036911347|ref|XP_017154091.1| PREDICTED: protein rolling stone isoform X2 [Drosophila mire
>gi|1036911329|ref|XP 017154090.1| PREDICTED: protein rolling stone isoform X1 [Drosophila mire
>gi|1036911287|ref|XP_017154089.1| PREDICTED: protein rolling stone-like [Drosophila miranda]
>gi|1036911250|ref|XP 017154087.1| PREDICTED: COP9 signalosome complex subunit 2 isoform X2 [Di
>gi|1036911232|ref|XP_017154086.1| PREDICTED: COP9 signalosome complex subunit 2 isoform X1 [Di
>gi|1036922879|ref|XP_017154765.1| PREDICTED: UPF0585 protein CG18661 isoform X1 [Drosophila m
>gi|1036922896|ref|XP_017154766.1| PREDICTED: UPF0585 protein CG18661 isoform X2 [Drosophila m
>gi|1036922916|ref|XP_017154767.1| PREDICTED: UPF0585 protein CG18661 isoform X3 [Drosophila m
>gi|1036922841|ref|XP_017154763.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1036922859|ref|XP_017154764.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1036922934|ref|XP_017154768.1| PREDICTED: uncharacterized protein LOC108163792 [Drosophila
>gi|1036922952|ref|XP_017154769.1| PREDICTED: uncharacterized protein LOC108163793 [Drosophila
>gi|1036854358|ref|XP_017150943.1| PREDICTED: mitochondrial 2-oxodicarboxylate carrier [Drosop
>gi|1036899793|ref|XP_017153463.1| PREDICTED: lachesin [Drosophila miranda]
>gi|1036858959|ref|XP 017151194.1| PREDICTED: uncharacterized protein LOC108161443 [Drosophila
>gi|1036864541|ref|XP_017151496.1| PREDICTED: odorant receptor 30a [Drosophila miranda]
>gi|1036862814|ref|XP 017151408.1| PREDICTED: uncharacterized protein LOC108161622 isoform X1
>gi|1036862833|ref|XP_017151409.1| PREDICTED: uncharacterized protein LOC108161622 isoform X2
>gi|1036902911|ref|XP_017153637.1| PREDICTED: uncharacterized protein LOC108163073 isoform X1
>gi|1036902975|ref|XP_017153640.1| PREDICTED: uncharacterized protein LOC108163073 isoform X3
>gi|1036902933|ref|XP_017153638.1| PREDICTED: uncharacterized protein LOC108163073 isoform X2
>gi|1036902955|ref|XP_017153639.1| PREDICTED: uncharacterized protein LOC108163073 isoform X2
>gi|1036902994|ref|XP_017153641.1| PREDICTED: uncharacterized protein LOC108163073 isoform X4
>gi|1036903012|ref|XP_017153642.1| PREDICTED: uncharacterized protein LOC108163073 isoform X5
>gi|1036903030|ref|XP_017153643.1| PREDICTED: glutamic acid-rich protein [Drosophila miranda]
>gi|1036903047|ref|XP_017153644.1| PREDICTED: coiled-coil domain-containing protein 43 [Drosop
>gi|1036888555|ref|XP_017152826.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036888574|ref|XP_017152827.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop:
>gi|1036888619|ref|XP_017152829.1| PREDICTED: nuclear receptor coactivator 3 isoform X3 [Droso
>gi|1036888600|ref|XP_017152828.1| PREDICTED: nuclear receptor coactivator 3 isoform X2 [Droso
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>gi|1036854377|ref|XP 017150944.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036907284|ref|XP_017153884.1| PREDICTED: borealin isoform X2 [Drosophila miranda]
>gi|1036907248|ref|XP_017153882.1| PREDICTED: borealin isoform X1 [Drosophila miranda]
>gi|1036907266|ref|XP_017153883.1| PREDICTED: borealin isoform X1 [Drosophila miranda]
>gi|1036907303|ref|XP 017153885.1| PREDICTED: guanine nucleotide-binding protein subunit gamma
>gi|1036907321|ref|XP_017153886.1| PREDICTED: guanine nucleotide-binding protein subunit gamma
>gi|1036932741|ref|XP 017155293.1| PREDICTED: uncharacterized protein LOC108164186 [Drosophila
>gi|1036925356|ref|XP_017154890.1| PREDICTED: uncharacterized protein LOC108163885 isoform X2
>gi|1036925321|ref|XP_017154889.1| PREDICTED: uncharacterized protein LOC108163885 isoform X1
>gi|1036923042|ref|XP_017154775.1| PREDICTED: zinc finger protein weckle [Drosophila miranda]
>gi|1036876414|ref|XP_017152168.1| PREDICTED: tyrosine-protein phosphatase Lar isoform X2 [Dros
>gi|1036876454|ref|XP_017152170.1| PREDICTED: tyrosine-protein phosphatase Lar isoform X4 [Dros
>gi|1036876395|ref|XP_017152167.1| PREDICTED: tyrosine-protein phosphatase Lar isoform X1 [Dros
>gi|1036876435|ref|XP_017152169.1| PREDICTED: tyrosine-protein phosphatase Lar isoform X3 [Dros
>gi|1036876492|ref|XP_017152172.1| PREDICTED: uncharacterized protein LOC108162111 [Drosophila
>gi|1036876473|ref|XP_017152171.1| PREDICTED: protein screw [Drosophila miranda]
>gi|1036856676|ref|XP_017151080.1| PREDICTED: uncharacterized protein LOC108161349 isoform X4
>gi|1036856585|ref|XP_017151076.1| PREDICTED: mucin-17 isoform X1 [Drosophila miranda]
>gi|1036856602|ref|XP_017151077.1| PREDICTED: mucin-17 isoform X1 [Drosophila miranda]
>gi|1036856621|ref|XP 017151078.1| PREDICTED: mucin-17 isoform X2 [Drosophila miranda]
>gi|1036856658|ref|XP_017151079.1| PREDICTED: uncharacterized protein LOC108161349 isoform X3
>gi|1036856987|ref|XP 017151100.1| PREDICTED: uncharacterized protein LOC108161367 [Drosophila
>gi|1036856877|ref|XP_017151092.1| PREDICTED: cyclin-K [Drosophila miranda]
>gi|1036856710|ref|XP_017151083.1| PREDICTED: uncharacterized protein LOC108161352 [Drosophila
>gi|1036857096|ref|XP_017151107.1| PREDICTED: uncharacterized protein LOC108161371 [Drosophila
>gi|1036856783|ref|XP_017151087.1| PREDICTED: protein real-time [Drosophila miranda]
>gi|1036856747|ref|XP_017151085.1| PREDICTED: peroxisomal acyl-coenzyme A oxidase 3 isoform X2
>gi|1036856728|ref|XP_017151084.1| PREDICTED: peroxisomal acyl-coenzyme A oxidase 3 isoform X1
>gi|1036856823|ref|XP_017151089.1| PREDICTED: adenosine monophosphate-protein transferase FICD
>gi|1036856568|ref|XP_017151075.1| PREDICTED: tiggrin [Drosophila miranda]
>gi|1036856949|ref|XP_017151098.1| PREDICTED: uncharacterized protein LOC108161366 isoform X1
>gi|1036856968|ref|XP_017151099.1| PREDICTED: uncharacterized protein LOC108161366 isoform X2
>gi|1036857006|ref|XP_017151101.1| PREDICTED: GTP-binding nuclear protein Ran-like isoform X1
>gi|1036857024|ref|XP_017151102.1| PREDICTED: GTP-binding nuclear protein Ran-like isoform X2
>gi|1036857041|ref|XP 017151103.1| PREDICTED: GTP-binding nuclear protein Ran-like isoform X3
>gi|1036856841|ref|XP 017151090.1| PREDICTED: neurotrimin [Drosophila miranda]
>gi|1036857058|ref|XP 017151104.1| PREDICTED: GTP-binding nuclear protein Ran-like [Drosophila
>gi|1036857077|ref|XP_017151105.1| PREDICTED: GTP-binding nuclear protein Ran-like [Drosophila
>gi|1036856931|ref|XP_017151096.1| PREDICTED: uncharacterized protein LOC108161364 [Drosophila
>gi|1036856764|ref|XP_017151086.1| PREDICTED: membrane metallo-endopeptidase-like 1 [Drosophile
>gi|1036856695|ref|XP_017151081.1| PREDICTED: uncharacterized protein LOC108161351 [Drosophila
>gi|1036856802|ref|XP_017151088.1| PREDICTED: endothelin-converting enzyme 1 [Drosophila mirane
>gi|1036854396|ref|XP_017150945.1| PREDICTED: techylectin-5B [Drosophila miranda]
>gi|1036854415|ref|XP_017150946.1| PREDICTED: pickpocket protein 19 [Drosophila miranda]
>gi|1036854434|ref|XP_017150948.1| PREDICTED: pickpocket protein 19 [Drosophila miranda]
>gi|1036856860|ref|XP_017151091.1| PREDICTED: uncharacterized protein LOC108161360 [Drosophila
>gi|1036856913|ref|XP_017151095.1| PREDICTED: uncharacterized protein LOC108161363 [Drosophila
>gi|1036856896|ref|XP_017151093.1| PREDICTED: uncharacterized protein LOC108161362 [Drosophila
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>gi|1036902695|ref|XP_017153626.1| PREDICTED: NADPH--cytochrome P450 reductase isoform X1 [Droplet of the company of the compa
>gi|1036902713|ref|XP_017153627.1| PREDICTED: NADPH--cytochrome P450 reductase isoform X2 [Droplet of the company of the compa
>gi|1036902731|ref|XP_017153628.1| PREDICTED: zinc finger protein 180-like [Drosophila miranda]
>gi|1036868326|ref|XP_017151712.1| PREDICTED: gastrula zinc finger protein XlCGF57.1-like [Dros
>gi|1036868344|ref|XP_017151713.1| PREDICTED: zinc finger protein 239-like [Drosophila miranda]
>gi|1036868308|ref|XP_017151711.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 2
>gi|1036868289|ref|XP_017151709.1| PREDICTED: rap guanine nucleotide exchange factor 2 isoform
>gi|1036868270|ref|XP_017151708.1| PREDICTED: rap guanine nucleotide exchange factor 2 isoform
>gi|1036854453|ref|XP_017150949.1| PREDICTED: RAB6A-GEF complex partner protein 2-like [Drosop
>gi|1036924700|ref|XP_017154859.1| PREDICTED: programmed cell death 6-interacting protein-like
>gi|1036854472|ref|XP_017150950.1| PREDICTED: limonin dehydrogenase-like [Drosophila miranda]
>gi|1036861298|ref|XP_017151325.1| PREDICTED: uncharacterized protein LOC108161553 [Drosophila
>gi|1036862096|ref|XP_017151369.1| PREDICTED: uncharacterized protein LOC108161594 [Drosophila
>gi|1036876842|ref|XP_017152192.1| PREDICTED: discoidin domain-containing receptor 2-like isof
>gi|1036876861|ref|XP_017152193.1| PREDICTED: discoidin domain-containing receptor 2-like isof
>gi|1036876880|ref|XP_017152194.1| PREDICTED: discoidin domain-containing receptor 2-like isof
>gi|1036877159|ref|XP_017152211.1| PREDICTED: LOW QUALITY PROTEIN: dopamine N-acetyltransferase
>gi|1036877065|ref|XP_017152205.1| PREDICTED: uncharacterized protein CG1339 [Drosophila mirane
>gi|1036877248|ref|XP_017152216.1| PREDICTED: uncharacterized protein LOC108162146 [Drosophila
>gi|1036877193|ref|XP 017152213.1| PREDICTED: uncharacterized protein LOC108162142 [Drosophila
>gi|1036876899|ref|XP_017152195.1| PREDICTED: discoidin domain-containing receptor 2-like isof
>gi|1036877231|ref|XP 017152215.1| PREDICTED: uncharacterized protein LOC108162145 [Drosophila
>gi|1036877103|ref|XP_017152208.1| PREDICTED: uncharacterized protein LOC108162137 [Drosophila
>gi|1036877122|ref|XP_017152209.1| PREDICTED: uncharacterized protein LOC108162138 [Drosophila
>gi|1036877141|ref|XP_017152210.1| PREDICTED: uncharacterized protein LOC108162139 [Drosophila
>gi|1036876973|ref|XP_017152200.1| PREDICTED: UDP-glucuronosyltransferase 1-7C-like [Drosophile
>gi|1036877009|ref|XP_017152202.1| PREDICTED: UDP-glucuronosyltransferase 2B1-like isoform X2
>gi|1036876992|ref|XP_017152201.1| PREDICTED: UDP-glucuronosyltransferase 2B15-like isoform X1
>gi|1036877028|ref|XP_017152203.1| PREDICTED: UDP-glucuronosyltransferase 2B1-like [Drosophila
>gi|1036876937|ref|XP_017152197.1| PREDICTED: uncharacterized protein LOC108162129 [Drosophila
>gi|1036854490|ref|XP_017150951.1| PREDICTED: ficolin-1-like [Drosophila miranda]
>gi|1036854509|ref|XP_017150952.1| PREDICTED: LOW QUALITY PROTEIN: ficolin-1-like [Drosophila |
>gi|1036877174|ref|XP_017152212.1| PREDICTED: uncharacterized protein LOC108162141 [Drosophila
>gi|1036877047|ref|XP_017152204.1| PREDICTED: LOW QUALITY PROTEIN: salivary glue protein Sgs-3
>gi|1036876806|ref|XP 017152190.1| PREDICTED: uncharacterized protein LOC108162125 [Drosophila
>gi|1036876825|ref|XP_017152191.1| PREDICTED: uncharacterized protein LOC108162125 [Drosophila
>gi|1036854528|ref|XP_017150953.1| PREDICTED: uncharacterized protein LOC108161239 [Drosophila
>gi|1036877267|ref|XP_017152217.1| PREDICTED: protein kish-A-like [Drosophila miranda]
>gi|1036877084|ref|XP_017152207.1| PREDICTED: testis-specific serine/threonine-protein kinase
>gi|1036877212|ref|XP_017152214.1| PREDICTED: B9 domain-containing protein 2 [Drosophila miran-
>gi|1036876956|ref|XP_017152199.1| PREDICTED: tectonic [Drosophila miranda]
>gi|1036876918|ref|XP_017152196.1| PREDICTED: dynein heavy chain 1, axonemal [Drosophila mirane
>gi|1036916775|ref|XP_017154410.1| PREDICTED: telomerase Cajal body protein 1 [Drosophila mirated
>gi|1036916793|ref|XP_017154412.1| PREDICTED: actin-related protein 2/3 complex subunit 4 [Dros
>gi|1036894545|ref|XP_017153166.1| PREDICTED: stathmin isoform X4 [Drosophila miranda]
>gi|1036894564|ref|XP_017153167.1| PREDICTED: stathmin isoform X5 [Drosophila miranda]
>gi|1036894527|ref|XP_017153165.1| PREDICTED: golgin subfamily A member 4 isoform X3 [Drosophi
>gi|1036894504|ref|XP_017153164.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X2 [Dref|XP_017153164.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X2 [Dref|XP_017153164.1]
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>gi|1036894466|ref|XP_017153162.1| PREDICTED: uncharacterized protein LOC108162777 [Drosophila
>gi|1036920316|ref|XP_017154607.1| PREDICTED: prolactin regulatory element-binding protein [Dr
>gi|1036854547|ref|XP_017150954.1| PREDICTED: uncharacterized protein LOC108161240 [Drosophila
>gi|1036854566|ref|XP 017150955.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036919954|ref|XP_017154586.1| PREDICTED: Krueppel homolog 1-like isoform X3 [Drosophila m
>gi|1036919918|ref|XP_017154583.1| PREDICTED: Krueppel homolog 1-like isoform X1 [Drosophila m
>gi|1036919936|ref|XP_017154585.1| PREDICTED: Krueppel homolog 1-like isoform X2 [Drosophila m
>gi|1036899468|ref|XP_017153444.1| PREDICTED: Krueppel homolog 2 [Drosophila miranda]
>gi|1036899508|ref|XP_017153446.1| PREDICTED: LOW QUALITY PROTEIN: protein-lysine N-methyltran
>gi|1036899545|ref|XP_017153448.1| PREDICTED: prefoldin subunit 1 [Drosophila miranda]
>gi|1036899487|ref|XP_017153445.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036899428|ref|XP_017153442.1| PREDICTED: uncharacterized protein LOC108162955 isoform X1
>gi|1036899449|ref|XP_017153443.1| PREDICTED: uncharacterized protein LOC108162955 isoform X2
>gi|1036899409|ref|XP_017153441.1| PREDICTED: F-box/WD repeat-containing protein 5 [Drosophila
>gi|1036899527|ref|XP_017153447.1| PREDICTED: protein phosphatase 1 regulatory subunit 11 [Dros
>gi|1036922463|ref|XP_017154737.1| PREDICTED: NADH dehydrogenase [ubiquinone] flavoprotein 1,
>gi|1036922477|ref|XP 017154738.1| PREDICTED: uncharacterized protein LOC108163773 [Drosophila
>gi|1036932936|ref|XP_017155304.1| PREDICTED: kiSS-1 receptor [Drosophila miranda]
>gi|1036932954|ref|XP 017155305.1| PREDICTED: kiSS-1 receptor [Drosophila miranda]
>gi|1036875073|ref|XP_017152095.1| PREDICTED: protein RCC2 homolog [Drosophila miranda]
>gi|1036875092|ref|XP_017152096.1| PREDICTED: uncharacterized protein LOC108162063 [Drosophila
>gi|1036875111|ref|XP_017152097.1| PREDICTED: sesquipedalian-1 [Drosophila miranda]
>gi|1036875174|ref|XP_017152099.1| PREDICTED: uncharacterized protein LOC108162066 [Drosophila
>gi|1036875130|ref|XP_017152098.1| PREDICTED: protein slowmo [Drosophila miranda]
>gi|1036874980|ref|XP_017152089.1| PREDICTED: phosphoribosylformylglycinamidine synthase [Dros
>gi|1036874999|ref|XP_017152090.1| PREDICTED: phosphoribosylformylglycinamidine synthase [Dros
>gi|1036875018|ref|XP_017152091.1| PREDICTED: phosphoribosylformylglycinamidine synthase [Dros
>gi|1036875035|ref|XP_017152093.1| PREDICTED: uncharacterized protein LOC108162061 isoform X1
>gi|1036875054|ref|XP_017152094.1| PREDICTED: uncharacterized protein LOC108162061 isoform X2
>gi|1036914376|ref|XP_017154261.1| PREDICTED: metallo-beta-lactamase domain-containing protein
>gi|1036914307|ref|XP_017154257.1| PREDICTED: myotubularin-related protein 2 [Drosophila miran-
>gi|1036914325|ref|XP_017154258.1| PREDICTED: beta-1,3-glucosyltransferase isoform X1 [Drosoph
>gi|1036914339|ref|XP_017154259.1| PREDICTED: beta-1,3-glucosyltransferase isoform X1 [Drosoph
>gi|1036914357|ref|XP 017154260.1| PREDICTED: beta-1,3-glucosyltransferase isoform X2 [Drosoph
>gi|1036928761|ref|XP_017155080.1| PREDICTED: ribosomal RNA-processing protein 7 homolog A [Dr
>gi|1036857615|ref|XP 017151133.1| PREDICTED: uncharacterized protein LOC108161396 [Drosophila
>gi|1036857189|ref|XP_017151112.1| PREDICTED: homeobox protein H2.0 [Drosophila miranda]
>gi|1036929972|ref|XP_017155145.1| PREDICTED: breast cancer anti-estrogen resistance protein 3
>gi|1036929990|ref|XP_017155146.1| PREDICTED: breast cancer anti-estrogen resistance protein 3
>gi|1036915635|ref|XP_017154342.1| PREDICTED: beta-galactosidase [Drosophila miranda]
>gi|1036915713|ref|XP_017154346.1| PREDICTED: tetraspanin-17 isoform X4 [Drosophila miranda]
>gi|1036915655|ref|XP_017154343.1| PREDICTED: tetraspanin-17 isoform X1 [Drosophila miranda]
>gi|1036915673|ref|XP_017154344.1| PREDICTED: tetraspanin-17 isoform X2 [Drosophila miranda]
>gi|1036915731|ref|XP_017154349.1| PREDICTED: tetraspanin-17 isoform X5 [Drosophila miranda]
>gi|1036915693|ref|XP_017154345.1| PREDICTED: tetraspanin-17 isoform X3 [Drosophila miranda]
>gi|1036893368|ref|XP_017153103.1| PREDICTED: lysine-specific demethylase lid [Drosophila mirates]
>gi|1036893387|ref|XP_017153104.1| PREDICTED: lysine-specific demethylase lid [Drosophila mirates]
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>gi|1036896366|ref|XP_017153269.1| PREDICTED: sphingolipid delta(4)-desaturase DES1 [Drosophile
>gi|1036896385|ref|XP_017153270.1| PREDICTED: eukaryotic initiation factor 4A isoform X1 [Dros
>gi|1036896404|ref|XP_017153271.1| PREDICTED: eukaryotic initiation factor 4A isoform X2 [Dros
>gi|1036907770|ref|XP_017153907.1| PREDICTED: profilin [Drosophila miranda]
>gi|1036907789|ref|XP 017153908.1| PREDICTED: profilin [Drosophila miranda]
>gi|1036932631|ref|XP_017155286.1| PREDICTED: mitochondrial uncoupling protein 3-like [Drosoph
>gi|1036932587|ref|XP 017155284.1| PREDICTED: mitochondrial uncoupling protein 4-like isoform
>gi|1036932611|ref|XP_017155285.1| PREDICTED: mitochondrial uncoupling protein 4-like isoform
>gi|1036932847|ref|XP_017155299.1| PREDICTED: trithorax group protein osa [Drosophila miranda]
>gi|1036932865|ref|XP_017155300.1| PREDICTED: trithorax group protein osa [Drosophila miranda]
>gi|1036935789|ref|XP_017155465.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036933414|ref|XP_017155333.1| PREDICTED: vitelline membrane protein Vm26Aa [Drosophila mi
>gi|1036935824|ref|XP_017155467.1| PREDICTED: myosin heavy chain IB [Drosophila miranda]
>gi|1036857707|ref|XP_017151139.1| PREDICTED: vitelline membrane protein Vm26Ab [Drosophila mi
>gi|1036904171|ref|XP_017153707.1| PREDICTED: transmembrane protein 138 [Drosophila miranda]
>gi|1036904150|ref|XP_017153706.1| PREDICTED: serine/threonine-protein kinase 11-interacting p
>gi|1036904130|ref|XP_017153705.1| PREDICTED: serine/threonine-protein kinase 11-interacting protein kinase 11-interacting pro
>gi|1036904189|ref|XP_017153708.1| PREDICTED: pulmonary surfactant-associated protein D-like [
>gi|1036921108|ref|XP_017154656.1| PREDICTED: glycerol-3-phosphate dehydrogenase [NAD(+)], cyt
>gi|1036921090|ref|XP 017154655.1| PREDICTED: glycerol-3-phosphate dehydrogenase [NAD(+)], cyt-
>gi|1036927293|ref|XP_017155002.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036859932|ref|XP 017151249.1| PREDICTED: uncharacterized protein LOC108161487 [Drosophila
>gi|1036862132|ref|XP_017151372.1| PREDICTED: mitochondrial import receptor subunit TOM7 homole
>gi|1036854585|ref|XP_017150956.1| PREDICTED: uncharacterized protein LOC108161243 [Drosophila
>gi|1036934405|ref|XP_017155384.1| PREDICTED: macrophage mannose receptor 1-like isoform X1 [Di
>gi|1036934422|ref|XP_017155385.1| PREDICTED: uncharacterized protein LOC108164256 isoform X2
>gi|1036857308|ref|XP_017151117.1| PREDICTED: eggshell protein [Drosophila miranda]
>gi|1036857325|ref|XP_017151118.1| PREDICTED: eggshell protein [Drosophila miranda]
>gi|1036893795|ref|XP_017153123.1| PREDICTED: WD repeat and FYVE domain-containing protein 3 [
>gi|1036852628|ref|XP_017150833.1| PREDICTED: uncharacterized protein LOC108161121 [Drosophila
>gi|1036860136|ref|XP_017151260.1| PREDICTED: uncharacterized protein LOC108161496 [Drosophila
>gi|1036860712|ref|XP_017151290.1| PREDICTED: uncharacterized protein LOC108161523 [Drosophila
>gi|1036930454|ref|XP_017155170.1| PREDICTED: uncharacterized protein LOC108164092 [Drosophila
>gi|1036930471|ref|XP_017155171.1| PREDICTED: uncharacterized protein LOC108164093 [Drosophila
>gi|1036859984|ref|XP 017151251.1| PREDICTED: accessory gland-specific peptide 26Ab-like [Dros-
>gi|1036854604|ref|XP_017150957.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036860210|ref|XP 017151264.1| PREDICTED: protein TsetseEP [Drosophila miranda]
>gi|1036859106|ref|XP_017151202.1| PREDICTED: leucine-rich repeat extensin-like protein 1 [Dros
>gi|1036917765|ref|XP_017154466.1| PREDICTED: transmembrane protein 209-like [Drosophila mirane
>gi|1036917784|ref|XP_017154467.1| PREDICTED: uncharacterized protein LOC108163595 [Drosophila
>gi|1036926917|ref|XP_017154982.1| PREDICTED: neuropeptide Y receptor type 5 isoform X2 [Droso
>gi|1036926884|ref|XP_017154981.1| PREDICTED: alpha-2C adrenergic receptor isoform X1 [Drosoph
>gi|1036926935|ref|XP_017154983.1| PREDICTED: alpha-2C adrenergic receptor isoform X3 [Drosoph
>gi|1036926953|ref|XP_017154984.1| PREDICTED: alpha-2C adrenergic receptor isoform X3 [Drosoph
>gi|1036926971|ref|XP_017154985.1| PREDICTED: alpha-2C adrenergic receptor isoform X3 [Drosoph
>gi|1036926989|ref|XP_017154986.1| PREDICTED: alpha-2C adrenergic receptor isoform X3 [Drosoph
>gi|1036927007|ref|XP_017154987.1| PREDICTED: alpha-2C adrenergic receptor isoform X3 [Drosoph
>gi|1036927025|ref|XP_017154988.1| PREDICTED: alpha-2C adrenergic receptor isoform X3 [Drosoph
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>gi|1036927042|ref|XP_017154989.1| PREDICTED: alpha-2C adrenergic receptor isoform X3 [Drosoph
>gi|1036927058|ref|XP_017154990.1| PREDICTED: alpha-2C adrenergic receptor isoform X3 [Drosoph
>gi|1036927076|ref|XP_017154991.1| PREDICTED: uncharacterized protein LOC108163953 [Drosophila
>gi|1036927094|ref|XP_017154992.1| PREDICTED: uncharacterized protein LOC108163954 [Drosophila
>gi|1036934643|ref|XP 017155400.1| PREDICTED: uncharacterized protein LOC108164268 [Drosophila
>gi|1036860562|ref|XP_017151282.1| PREDICTED: uncharacterized protein LOC108161515 isoform X2
>gi|1036860543|ref|XP 017151281.1| PREDICTED: vasotab-like isoform X1 [Drosophila miranda]
>gi|1036861727|ref|XP_017151351.1| PREDICTED: uncharacterized protein LOC108161574 [Drosophila
>gi|1036934175|ref|XP_017155371.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop.
>gi|1036907658|ref|XP_017153901.1| PREDICTED: venom dipeptidyl peptidase 4 isoform X2 [Drosoph
>gi|1036907640|ref|XP_017153900.1| PREDICTED: venom dipeptidyl peptidase 4 isoform X1 [Drosoph
>gi|1036907677|ref|XP_017153902.1| PREDICTED: GATA zinc finger domain-containing protein 10 [Di
>gi|1036907696|ref|XP_017153903.1| PREDICTED: uncharacterized protein LOC108163248 [Drosophila
>gi|1036906738|ref|XP_017153855.1| PREDICTED: uncharacterized protein LOC108163211 [Drosophila
>gi|1036906625|ref|XP_017153848.1| PREDICTED: beta-1,4-glucuronyltransferase 1 isoform X1 [Dros
>gi|1036906643|ref|XP_017153849.1| PREDICTED: beta-1,4-glucuronyltransferase 1 isoform X2 [Drop
>gi|1036906663|ref|XP_017153850.1| PREDICTED: beta-1,4-glucuronyltransferase 1 isoform X2 [Drop
>gi|1036906681|ref|XP_017153851.1| PREDICTED: beta-1,4-glucuronyltransferase 1 isoform X2 [Dros
>gi|1036906719|ref|XP_017153854.1| PREDICTED: peritrophin-1 isoform X2 [Drosophila miranda]
>gi|1036906699|ref|XP 017153853.1| PREDICTED: uncharacterized protein LOC108163210 isoform X1
>gi|1036910178|ref|XP_017154029.1| PREDICTED: neuroguidin [Drosophila miranda]
>gi|1036910140|ref|XP 017154027.1| PREDICTED: phospholipase B1, membrane-associated [Drosophile
>gi|1036910119|ref|XP_017154026.1| PREDICTED: ABC transporter G family member 20 [Drosophila m
>gi|1036910160|ref|XP_017154028.1| PREDICTED: uncharacterized protein LOC108163315 [Drosophila
>gi|1036917637|ref|XP_017154458.1| PREDICTED: septin-interacting protein 1 [Drosophila miranda]
>gi|1036917655|ref|XP_017154460.1| PREDICTED: beta-1,4-glucuronyltransferase 1-like [Drosophile]
>gi|1036917673|ref|XP_017154461.1| PREDICTED: beta-1,4-glucuronyltransferase 1-like [Drosophile]
>gi|1036917691|ref|XP_017154462.1| PREDICTED: beta-1,4-glucuronyltransferase 1-like [Drosophile]
>gi|1036917709|ref|XP_017154463.1| PREDICTED: beta-1,4-glucuronyltransferase 1-like [Drosophile]
>gi|1036917729|ref|XP_017154464.1| PREDICTED: beta-1,4-glucuronyltransferase 1-like [Drosophile]
>gi|1036854623|ref|XP_017150959.1| PREDICTED: uncharacterized protein LOC108161246 [Drosophila
>gi|1036865549|ref|XP_017151553.1| PREDICTED: uncharacterized protein LOC108161742 [Drosophila
>gi|1036905035|ref|XP_017153753.1| PREDICTED: LOW QUALITY PROTEIN: protein msta [Drosophila mi
>gi|1036905073|ref|XP_017153755.1| PREDICTED: LOW QUALITY PROTEIN: palmitoyltransferase ZDHHC3
>gi|1036905053|ref|XP 017153754.1| PREDICTED: aurora kinase B [Drosophila miranda]
>gi|1036906792|ref|XP_017153856.1| PREDICTED: LOW QUALITY PROTEIN: signal transducing adapter
>gi|1036906812|ref|XP 017153857.1| PREDICTED: uncharacterized protein LOC108163214 isoform X1
>gi|1036906830|ref|XP_017153858.1| PREDICTED: uncharacterized protein LOC108163214 isoform X2
>gi|1036906863|ref|XP_017153860.1| PREDICTED: uncharacterized protein LOC108163216 [Drosophila
>gi|1036906848|ref|XP_017153859.1| PREDICTED: uncharacterized protein LOC108163214 isoform X3
>gi|1036860043|ref|XP_017151255.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036858924|ref|XP_017151192.1| PREDICTED: ribose-phosphate pyrophosphokinase 2-like [Droso
>gi|1036933739|ref|XP_017155348.1| PREDICTED: LOW QUALITY PROTEIN: protein I'm not dead yet [Di
>gi|1036933722|ref|XP_017155346.1| PREDICTED: uncharacterized protein LOC108164227 [Drosophila
>gi|1036933278|ref|XP_017155325.1| PREDICTED: uncharacterized protein LOC108164206 isoform X1
>gi|1036933296|ref|XP_017155326.1| PREDICTED: uncharacterized protein LOC108164206 isoform X1
>gi|1036933314|ref|XP_017155327.1| PREDICTED: hemicentin-1 isoform X2 [Drosophila miranda]
>gi|1036933344|ref|XP_017155328.1| PREDICTED: uncharacterized protein LOC108164208 [Drosophila
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>gi|1036911543|ref|XP_017154101.1| PREDICTED: transmembrane protein 214 isoform X1 [Drosophila
>gi|1036911574|ref|XP_017154102.1| PREDICTED: uncharacterized protein LOC108163363 isoform X2
>gi|1036897699|ref|XP_017153344.1| PREDICTED: DET1 homolog [Drosophila miranda]
>gi|1036897717|ref|XP_017153345.1| PREDICTED: LOW QUALITY PROTEIN: ATP synthase subunit g, mit
>gi|1036897680|ref|XP 017153343.1| PREDICTED: wiskott-Aldrich syndrome protein family member 2
>gi|1036897621|ref|XP_017153338.1| PREDICTED: wiskott-Aldrich syndrome protein family member 3
>gi|1036897640|ref|XP 017153339.1| PREDICTED: wiskott-Aldrich syndrome protein family member 3
>gi|1036897659|ref|XP_017153342.1| PREDICTED: wiskott-Aldrich syndrome protein family member 3
>gi|1036913531|ref|XP_017154217.1| PREDICTED: LOW QUALITY PROTEIN: protein piwi [Drosophila mi
>gi|1036930773|ref|XP_017155188.1| PREDICTED: lysosomal alpha-mannosidase isoform X1 [Drosophi
>gi|1036930791|ref|XP_017155189.1| PREDICTED: lysosomal alpha-mannosidase isoform X1 [Drosophi
>gi|1036930813|ref|XP_017155191.1| PREDICTED: lysosomal alpha-mannosidase isoform X1 [Drosophi
>gi|1036930834|ref|XP_017155192.1| PREDICTED: lysosomal alpha-mannosidase isoform X2 [Drosophi
>gi|1036900543|ref|XP_017153506.1| PREDICTED: LOW QUALITY PROTEIN: lysosomal alpha-mannosidase
>gi|1036900562|ref|XP_017153507.1| PREDICTED: LOW QUALITY PROTEIN: RNA pseudouridylate synthas
>gi|1036912010|ref|XP_017154125.1| PREDICTED: RNA pseudouridylate synthase domain-containing p
>gi|1036893422|ref|XP_017153106.1| PREDICTED: gamma-tubulin complex component 4 homolog isoform
>gi|1036893441|ref|XP_017153107.1| PREDICTED: gamma-tubulin complex component 4 homolog isoform
>gi|1036893460|ref|XP_017153108.1| PREDICTED: gamma-tubulin complex component 4 homolog isoform
>gi|1036893403|ref|XP 017153105.1| PREDICTED: conserved oligomeric Golgi complex subunit 4 [Dr.
>gi|1036893479|ref|XP_017153109.1| PREDICTED: 60S ribosomal protein L9 [Drosophila miranda]
>gi|1036900194|ref|XP_017153485.1| PREDICTED: nuclear pore complex protein Nup155 [Drosophila i
>gi|1036900210|ref|XP_017153486.1| PREDICTED: protein arginine N-methyltransferase 6 [Drosophi
>gi|1036889040|ref|XP_017152852.1| PREDICTED: protein aubergine [Drosophila miranda]
>gi|1036888985|ref|XP_017152850.1| PREDICTED: tubulin polyglutamylase TTLL4 isoform X1 [Drosop
>gi|1036889022|ref|XP_017152851.1| PREDICTED: uncharacterized protein LOC108162564 isoform X2
>gi|1036895114|ref|XP_017153199.1| PREDICTED: putative nuclease HARBI1 [Drosophila miranda]
>gi|1036895076|ref|XP_017153197.1| PREDICTED: uncharacterized protein LOC108162801 isoform X1
>gi|1036895095|ref|XP_017153198.1| PREDICTED: uncharacterized protein LOC108162801 isoform X2
>gi|1036894984|ref|XP_017153191.1| PREDICTED: thrombospondin type-1 domain-containing protein
>gi|1036894965|ref|XP_017153190.1| PREDICTED: thrombospondin type-1 domain-containing protein
>gi|1036895057|ref|XP_017153195.1| PREDICTED: thrombospondin type-1 domain-containing protein
>gi|1036895002|ref|XP_017153192.1| PREDICTED: thrombospondin type-1 domain-containing protein
>gi|1036895021|ref|XP_017153193.1| PREDICTED: thrombospondin type-1 domain-containing protein
>gi|1036895040|ref|XP 017153194.1| PREDICTED: thrombospondin type-1 domain-containing protein
>gi|1036895133|ref|XP_017153200.1| PREDICTED: uncharacterized protein LOC108162803 [Drosophila
>gi|1036900865|ref|XP_017153524.1| PREDICTED: STIP1 homology and U box-containing protein 1 is
>gi|1036900847|ref|XP_017153523.1| PREDICTED: STIP1 homology and U box-containing protein 1 is
>gi|1036900885|ref|XP_017153525.1| PREDICTED: STIP1 homology and U box-containing protein 1 is
>gi|1036900903|ref|XP_017153526.1| PREDICTED: STIP1 homology and U box-containing protein 1 is
>gi|1036900811|ref|XP_017153520.1| PREDICTED: replication factor C subunit 5 [Drosophila miran
>gi|1036900829|ref|XP_017153522.1| PREDICTED: CD2 antigen cytoplasmic tail-binding protein 2 h
>gi|1036900921|ref|XP_017153527.1| PREDICTED: cAMP-responsive element-binding protein-like 2 is
>gi|1036900939|ref|XP_017153528.1| PREDICTED: cAMP-responsive element-binding protein-like 2 is
>gi|1036900956|ref|XP_017153529.1| PREDICTED: cAMP-responsive element-binding protein-like 2 is
>gi|1036908111|ref|XP_017153924.1| PREDICTED: kinesin-like protein KIF21A isoform X2 [Drosophi
>gi|1036908091|ref|XP_017153923.1| PREDICTED: kinesin-like protein KIF21A isoform X1 [Drosophi
>gi|1036924876|ref|XP_017154869.1| PREDICTED: ATPase family AAA domain-containing protein 1-A
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>gi|1036924503|ref|XP_017154849.1| PREDICTED: LIX1-like protein isoform X1 [Drosophila miranda]
>gi|1036924521|ref|XP_017154850.1| PREDICTED: LIX1-like protein isoform X2 [Drosophila miranda]
>gi|1036921595|ref|XP_017154685.1| PREDICTED: LOW QUALITY PROTEIN: probable trafficking protein
>gi|1036934035|ref|XP_017155366.1| PREDICTED: cathepsin L1 isoform X1 [Drosophila miranda]
>gi|1036934055|ref|XP 017155367.1| PREDICTED: cathepsin L1 isoform X2 [Drosophila miranda]
>gi|1036922358|ref|XP_017154730.1| PREDICTED: protein MEF2BNB homolog [Drosophila miranda]
>gi|1036911724|ref|XP 017154111.1| PREDICTED: LOW QUALITY PROTEIN: probable dolichyl pyrophospi
>gi|1036854640|ref|XP_017150960.1| PREDICTED: importin-4-like [Drosophila miranda]
>gi|1036926869|ref|XP_017154980.1| PREDICTED: ER lumen protein-retaining receptor [Drosophila 1
>gi|1036927717|ref|XP_017155029.1| PREDICTED: small nuclear ribonucleoprotein-associated prote
>gi|1036921322|ref|XP_017154669.1| PREDICTED: NAD-dependent protein deacetylase Sirt6 isoform
>gi|1036921356|ref|XP_017154671.1| PREDICTED: NAD-dependent protein deacetylase Sirt6 isoform
>gi|1036921339|ref|XP_017154670.1| PREDICTED: NAD-dependent protein deacetylase Sirt6 isoform
>gi|1036896476|ref|XP_017153274.1| PREDICTED: LOW QUALITY PROTEIN: transcription initiation fa
>gi|1036896457|ref|XP_017153273.1| PREDICTED: LOW QUALITY PROTEIN: TBC1 domain family member 1
>gi|1036896494|ref|XP_017153275.1| PREDICTED: COMM domain-containing protein 5 [Drosophila mire
>gi|1036896513|ref|XP_017153276.1| PREDICTED: COMM domain-containing protein 5 [Drosophila mire
>gi|1036906062|ref|XP 017153817.1| PREDICTED: LOW QUALITY PROTEIN: lumican [Drosophila miranda
>gi|1036906098|ref|XP_017153819.1| PREDICTED: methionine aminopeptidase 1D, mitochondrial [Dros
>gi|1036906116|ref|XP_017153821.1| PREDICTED: cilia- and flagella-associated protein 20 [Droso
>gi|1036906080|ref|XP_017153818.1| PREDICTED: protoheme IX farnesyltransferase, mitochondrial
>gi|1036926084|ref|XP 017154936.1| PREDICTED: myotrophin [Drosophila miranda]
>gi|1036902515|ref|XP_017153615.1| PREDICTED: LOW QUALITY PROTEIN: ATP-dependent Clp protease
>gi|1036902494|ref|XP 017153614.1| PREDICTED: cullin-associated NEDD8-dissociated protein 1 [Di
>gi|1036916723|ref|XP_017154407.1| PREDICTED: uncharacterized protein LOC108163555 isoform X1
>gi|1036916758|ref|XP_017154409.1| PREDICTED: uncharacterized protein LOC108163555 isoform X3
>gi|1036916741|ref|XP_017154408.1| PREDICTED: uncharacterized protein LOC108163555 isoform X2
>gi|1036916705|ref|XP_017154406.1| PREDICTED: LOW QUALITY PROTEIN: MOB kinase activator-like 3
>gi|1036904803|ref|XP_017153743.1| PREDICTED: cyclin-dependent kinase 1 isoform X1 [Drosophila
>gi|1036904821|ref|XP_017153744.1| PREDICTED: cyclin-dependent kinase 1 isoform X2 [Drosophila
>gi|1036904840|ref|XP_017153745.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036887608|ref|XP_017152775.1| PREDICTED: mitochondrial chaperone BCS1 [Drosophila miranda]
>gi|1036887627|ref|XP 017152776.1| PREDICTED: mitochondrial chaperone BCS1 [Drosophila miranda
>gi|1036887643|ref|XP_017152777.1| PREDICTED: mitochondrial chaperone BCS1 [Drosophila miranda]
>gi|1036887757|ref|XP 017152784.1| PREDICTED: proteasome subunit alpha type-1 [Drosophila mira:
>gi|1036887702|ref|XP_017152780.1| PREDICTED: LIM/homeobox protein Lhx4 isoform X1 [Drosophila
>gi|1036887721|ref|XP 017152782.1| PREDICTED: LIM/homeobox protein Lhx4 isoform X2 [Drosophila
>gi|1036887740|ref|XP_017152783.1| PREDICTED: protein apterous isoform X3 [Drosophila miranda]
>gi|1036887664|ref|XP_017152778.1| PREDICTED: uncharacterized protein LOC108162512 [Drosophila
>gi|1036887683|ref|XP_017152779.1| PREDICTED: uncharacterized protein LOC108162512 [Drosophila
>gi|1036854659|ref|XP_017150961.1| PREDICTED: nipped-B protein [Drosophila miranda]
>gi|1036904486|ref|XP_017153727.1| PREDICTED: putative ATP-dependent RNA helicase DHX33 isoform
>gi|1036904507|ref|XP_017153728.1| PREDICTED: putative ATP-dependent RNA helicase DHX33 isoform
>gi|1036904525|ref|XP_017153729.1| PREDICTED: sodium-dependent phosphate transport protein 3 is
>gi|1036904581|ref|XP_017153733.1| PREDICTED: uncharacterized protein LOC108163129 isoform X4
>gi|1036904563|ref|XP_017153731.1| PREDICTED: vesicular glutamate transporter 1 isoform X3 [Dref|XP_017153731.1]
>gi|1036904544|ref|XP_017153730.1| PREDICTED: vesicular glutamate transporter 1 isoform X2 [Dreat content of the content of th
>gi|1036913688|ref|XP_017154228.1| PREDICTED: LOW QUALITY PROTEIN: ribonucleoside-diphosphate:
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>gi|1036930663|ref|XP 017155182.1| PREDICTED: LOW QUALITY PROTEIN: inactive rhomboid protein 1
>gi|1036931546|ref|XP_017155229.1| PREDICTED: uncharacterized protein LOC108164138 [Drosophila
>gi|1036857433|ref|XP_017151124.1| PREDICTED: uncharacterized protein LOC108161386 [Drosophila
>gi|1036856497|ref|XP_017151070.1| PREDICTED: uncharacterized protein LOC108161345 [Drosophila
>gi|1036854678|ref|XP 017150962.1| PREDICTED: uncharacterized protein LOC108161250 [Drosophila
>gi|1036921578|ref|XP_017154684.1| PREDICTED: WD repeat and FYVE domain-containing protein 2 [
>gi|1036929224|ref|XP 017155105.1| PREDICTED: sm-like protein LSM4 [Drosophila miranda]
>gi|1036935635|ref|XP_017155457.1| PREDICTED: retinal homeobox protein Rx-B isoform X2 [Drosop
>gi|1036935617|ref|XP_017155456.1| PREDICTED: short stature homeobox protein 2 isoform X1 [Dros
>gi|1036935686|ref|XP_017155461.1| PREDICTED: paired mesoderm homeobox protein 1 isoform X5 [Di
>gi|1036935671|ref|XP_017155460.1| PREDICTED: aristaless homeobox protein isoform X4 [Drosophi
>gi|1036935653|ref|XP_017155459.1| PREDICTED: paired mesoderm homeobox protein 1 isoform X3 [Di
>gi|1036932545|ref|XP_017155282.1| PREDICTED: alpha-N-acetylgalactosaminidase [Drosophila mirated]
>gi|1036932565|ref|XP_017155283.1| PREDICTED: alpha-N-acetylgalactosaminidase [Drosophila mirated]
>gi|1036856390|ref|XP_017151066.1| PREDICTED: uncharacterized protein LOC108161338 [Drosophila
>gi|1036856253|ref|XP_017151058.1| PREDICTED: repressor of RNA polymerase III transcription MA
>gi|1036855842|ref|XP_017151033.1| PREDICTED: LOW QUALITY PROTEIN: dipeptidyl peptidase 4 [Dros
>gi|1036855695|ref|XP_017151025.1| PREDICTED: histone demethylase UTY isoform X1 [Drosophila m
>gi|1036855715|ref|XP_017151026.1| PREDICTED: histone demethylase UTY isoform X2 [Drosophila m
>gi|1036855804|ref|XP 017151031.1| PREDICTED: lysine-specific demethylase 6A isoform X5 [Droso
>gi|1036855823|ref|XP_017151032.1| PREDICTED: lysine-specific demethylase 6A isoform X6 [Droso
>gi|1036855731|ref|XP 017151027.1| PREDICTED: histone demethylase UTY isoform X3 [Drosophila m
>gi|1036855750|ref|XP_017151028.1| PREDICTED: histone demethylase UTY isoform X3 [Drosophila m
>gi|1036855769|ref|XP_017151029.1| PREDICTED: lysine-specific demethylase 6A isoform X4 [Droso
>gi|1036855785|ref|XP_017151030.1| PREDICTED: lysine-specific demethylase 6A isoform X4 [Droso
>gi|1036855937|ref|XP_017151038.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase CYLD [Dros
>gi|1036855956|ref|XP_017151040.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase CYLD [Dros
>gi|1036855975|ref|XP_017151041.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase CYLD [Dros
>gi|1036856161|ref|XP_017151052.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036856013|ref|XP_017151043.1| PREDICTED: LOW QUALITY PROTEIN: ubiquitin carboxyl-terminal
>gi|1036856310|ref|XP_017151061.1| PREDICTED: phospholipid phosphatase 6 [Drosophila miranda]
>gi|1036856180|ref|XP_017151053.1| PREDICTED: uncharacterized protein LOC108161329 isoform X1
>gi|1036856199|ref|XP_017151054.1| PREDICTED: uncharacterized protein LOC108161329 isoform X2
>gi|1036856217|ref|XP_017151055.1| PREDICTED: uncharacterized protein LOC108161329 isoform X3
>gi|1036856143|ref|XP 017151051.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036855676|ref|XP_017151024.1| PREDICTED: LOW QUALITY PROTEIN: E3 ubiquitin-protein ligase
>gi|1036856272|ref|XP 017151059.1| PREDICTED: 28S ribosomal protein S7, mitochondrial [Drosoph
>gi|1036855861|ref|XP_017151034.1| PREDICTED: TNF receptor-associated factor family protein DD
>gi|1036855880|ref|XP_017151035.1| PREDICTED: TNF receptor-associated factor family protein DD
>gi|1036855899|ref|XP_017151036.1| PREDICTED: hybrid signal transduction histidine kinase A is
>gi|1036855916|ref|XP_017151037.1| PREDICTED: uncharacterized protein LOC108161319 isoform X3
>gi|1036855994|ref|XP_017151042.1| PREDICTED: nicalin [Drosophila miranda]
>gi|1036856329|ref|XP_017151062.1| PREDICTED: RNA-binding protein Rsf1 [Drosophila miranda]
>gi|1036856236|ref|XP_017151056.1| PREDICTED: LOW QUALITY PROTEIN: protein trunk [Drosophila m
>gi|1036856032|ref|XP_017151044.1| PREDICTED: acylglycerol kinase, mitochondrial [Drosophila m
>gi|1036856069|ref|XP_017151046.1| PREDICTED: stress-activated protein kinase JNK isoform X2 [
>gi|1036856050|ref|XP_017151045.1| PREDICTED: stress-activated protein kinase JNK isoform X1 [
>gi|1036856291|ref|XP_017151060.1| PREDICTED: uncharacterized protein LOC108161333 [Drosophila
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>gi|1036856371|ref|XP_017151064.1| PREDICTED: heart- and neural crest derivatives-expressed pro
>gi|1036856353|ref|XP_017151063.1| PREDICTED: heart- and neural crest derivatives-expressed pro
>gi|1036856088|ref|XP 017151047.1| PREDICTED: S-adenosylmethionine decarboxylase proenzyme iso
>gi|1036856105|ref|XP_017151049.1| PREDICTED: S-adenosylmethionine decarboxylase proenzyme iso
>gi|1036856124|ref|XP 017151050.1| PREDICTED: S-adenosylmethionine decarboxylase proenzyme iso
>gi|1036886555|ref|XP_017152714.1| PREDICTED: protein daughterless [Drosophila miranda]
>gi|1036886573|ref|XP 017152715.1| PREDICTED: uncharacterized protein LOC108162478 isoform X1
>gi|1036886592|ref|XP_017152716.1| PREDICTED: cyclin-dependent kinase 5 activator 1 isoform X2
>gi|1036886611|ref|XP_017152717.1| PREDICTED: cyclin-dependent kinase 5 activator 1 isoform X3
>gi|1036886627|ref|XP_017152718.1| PREDICTED: cyclin-dependent kinase 5 activator 1 isoform X3
>gi|1036886646|ref|XP_017152719.1| PREDICTED: putative ATP-dependent RNA helicase me31b [Droso
>gi|1036878947|ref|XP_017152301.1| PREDICTED: LOW QUALITY PROTEIN: insulin receptor substrate
>gi|1036854697|ref|XP_017150963.1| PREDICTED: putative serine/threonine-protein kinase STE20-1
>gi|1036878985|ref|XP_017152303.1| PREDICTED: schwannomin-interacting protein 1 homolog isoform
>gi|1036879004|ref|XP_017152304.1| PREDICTED: schwannomin-interacting protein 1 homolog isoform
>gi|1036878966|ref|XP_017152302.1| PREDICTED: LOW QUALITY PROTEIN: tyrosine-protein kinase tra
>gi|1036879023|ref|XP_017152305.1| PREDICTED: probable elongation factor 1-delta [Drosophila m
>gi|1036862408|ref|XP 017151385.1| PREDICTED: phosphatidylinositol 3,4,5-trisphosphate 3-phosph
>gi|1036862429|ref|XP_017151387.1| PREDICTED: phosphatidylinositol 3,4,5-trisphosphate 3-phosp
>gi|1036862372|ref|XP 017151383.1| PREDICTED: phosphatidylinositol 3,4,5-trisphosphate 3-phosph
>gi|1036862391|ref|XP_017151384.1| PREDICTED: phosphatidylinositol 3,4,5-trisphosphate 3-phosp
>gi|1036862297|ref|XP_017151380.1| PREDICTED: phosphatidylinositol 3,4,5-trisphosphate 3-phosp
>gi|1036862334|ref|XP_017151381.1| PREDICTED: phosphatidylinositol 3,4,5-trisphosphate 3-phosp
>gi|1036862353|ref|XP_017151382.1| PREDICTED: phosphatidylinositol 3,4,5-trisphosphate 3-phosphate 3-p
>gi|1036862606|ref|XP_017151399.1| PREDICTED: protein CEPU-1 [Drosophila miranda]
>gi|1036862519|ref|XP_017151393.1| PREDICTED: FERM domain-containing protein 5 isoform X1 [Dros
>gi|1036862548|ref|XP_017151395.1| PREDICTED: FERM domain-containing protein 5 isoform X3 [Dros
>gi|1036862535|ref|XP_017151394.1| PREDICTED: FERM domain-containing protein 3 isoform X2 [Dros
>gi|1036862447|ref|XP_017151388.1| PREDICTED: uncharacterized protein LOC108161605 isoform X1
>gi|1036862465|ref|XP_017151389.1| PREDICTED: uncharacterized protein LOC108161605 isoform X2
>gi|1036862660|ref|XP_017151402.1| PREDICTED: FUN14 domain-containing protein 2 [Drosophila mi
>gi|1036862623|ref|XP_017151400.1| PREDICTED: probable transcriptional regulatory protein Dtur
>gi|1036862567|ref|XP 017151397.1| PREDICTED: LOW QUALITY PROTEIN: dolichyl-diphosphooligosacc
>gi|1036862586|ref|XP_017151398.1| PREDICTED: tryptase-2 [Drosophila miranda]
>gi|1036862681|ref|XP 017151404.1| PREDICTED: ubiquitin-40S ribosomal protein S27a [Drosophila
>gi|1036862642|ref|XP_017151401.1| PREDICTED: LOW QUALITY PROTEIN: ribosome biogenesis protein
>gi|1036862501|ref|XP 017151392.1| PREDICTED: prolyl endopeptidase [Drosophila miranda]
>gi|1036862482|ref|XP_017151390.1| PREDICTED: coiled-coil domain-containing protein 40 [Drosop
>gi|1036874437|ref|XP_017152058.1| PREDICTED: uncharacterized protein LOC108162043 isoform X1
>gi|1036874455|ref|XP_017152059.1| PREDICTED: uncharacterized protein LOC108162043 isoform X2
>gi|1036874491|ref|XP_017152060.1| PREDICTED: transcription factor MafB [Drosophila miranda]
>gi|1036874399|ref|XP_017152055.1| PREDICTED: 60S ribosomal protein L7 [Drosophila miranda]
>gi|1036874545|ref|XP_017152063.1| PREDICTED: RIP-like protein [Drosophila miranda]
>gi|1036854716|ref|XP_017150964.1| PREDICTED: LOW QUALITY PROTEIN: ATP-binding cassette sub-fam
>gi|1036874294|ref|XP_017152050.1| PREDICTED: LOW QUALITY PROTEIN: fumarate hydratase, mitocho:
>gi|1036874526|ref|XP_017152062.1| PREDICTED: LOW QUALITY PROTEIN: cGMP-dependent protein kina
>gi|1036874507|ref|XP_017152061.1| PREDICTED: uncharacterized protein LOC108162045 [Drosophila
>gi|1036874258|ref|XP_017152048.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
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>gi|1036874418|ref|XP_017152056.1| PREDICTED: heat shock protein 23 [Drosophila miranda]
>gi|1036874313|ref|XP_017152051.1| PREDICTED: leukocyte elastase inhibitor isoform X1 [Drosoph
>gi|1036874349|ref|XP 017152052.1| PREDICTED: leukocyte elastase inhibitor isoform X2 [Drosoph
>gi|1036874368|ref|XP_017152053.1| PREDICTED: leukocyte elastase inhibitor isoform X3 [Drosoph
>gi|1036874383|ref|XP 017152054.1| PREDICTED: leukocyte elastase inhibitor isoform X3 [Drosoph
>gi|1036874276|ref|XP_017152049.1| PREDICTED: importin subunit alpha [Drosophila miranda]
>gi|1036857854|ref|XP 017151147.1| PREDICTED: uncharacterized protein LOC108161407 [Drosophila
>gi|1036933775|ref|XP_017155350.1| PREDICTED: uncharacterized protein LOC108164230 [Drosophila
>gi|1036914250|ref|XP_017154253.1| PREDICTED: uncharacterized protein LOC108163467 [Drosophila
>gi|1036914232|ref|XP_017154252.1| PREDICTED: uncharacterized protein LOC108163466 isoform X3
>gi|1036914194|ref|XP_017154250.1| PREDICTED: uncharacterized protein LOC108163466 isoform X1
>gi|1036914214|ref|XP_017154251.1| PREDICTED: uncharacterized protein LOC108163466 isoform X2
>gi|1036914286|ref|XP_017154256.1| PREDICTED: translocation protein SEC62 isoform X2 [Drosophi
>gi|1036914268|ref|XP_017154254.1| PREDICTED: translocation protein SEC62 isoform X1 [Drosophi
>gi|1036912137|ref|XP_017154133.1| PREDICTED: putative oxidoreductase GLYR1 homolog isoform X2
>gi|1036912117|ref|XP_017154132.1| PREDICTED: putative oxidoreductase GLYR1 homolog isoform X1
>gi|1036902304|ref|XP_017153604.1| PREDICTED: putative ATP-dependent RNA helicase SoYb [Drosop
>gi|1036902326|ref|XP_017153605.1| PREDICTED: neurogenic protein big brain isoform X1 [Drosoph
>gi|1036902361|ref|XP_017153607.1| PREDICTED: neurogenic protein big brain isoform X3 [Drosoph
>gi|1036902343|ref|XP_017153606.1| PREDICTED: neurogenic protein big brain isoform X2 [Drosoph
>gi|1036905873|ref|XP_017153805.1| PREDICTED: 60S ribosomal protein L13 [Drosophila miranda]
>gi|1036905859|ref|XP_017153804.1| PREDICTED: uncharacterized protein LOC108163178 [Drosophila
>gi|1036889710|ref|XP_017152894.1| PREDICTED: transmembrane protein 184C isoform X1 [Drosophile
>gi|1036889727|ref|XP_017152895.1| PREDICTED: transmembrane protein 184C isoform X2 [Drosophile
>gi|1036889746|ref|XP_017152896.1| PREDICTED: transmembrane protein 184C isoform X3 [Drosophile
>gi|1036889764|ref|XP_017152897.1| PREDICTED: uncharacterized protein LOC108162591 [Drosophila
>gi|1036889797|ref|XP_017152899.1| PREDICTED: DNA-binding protein RFXANK [Drosophila miranda]
>gi|1036889780|ref|XP_017152898.1| PREDICTED: zinc finger CCCH-type with G patch domain-contain
>gi|1036889981|ref|XP_017152910.1| PREDICTED: methyltransferase-like protein 17, mitochondrial
>gi|1036889925|ref|XP_017152907.1| PREDICTED: ATP-binding cassette sub-family G member 4 [Drose
>gi|1036889943|ref|XP_017152908.1| PREDICTED: ATP-binding cassette sub-family G member 4 [Dros
>gi|1036889961|ref|XP_017152909.1| PREDICTED: uncharacterized protein LOC108162601 [Drosophila
>gi|1036890018|ref|XP_017152912.1| PREDICTED: bis(5'-nucleosyl)-tetraphosphatase [asymmetrical]
>gi|1036890037|ref|XP_017152913.1| PREDICTED: bis(5'-nucleosyl)-tetraphosphatase [asymmetrical]
>gi|1036889999|ref|XP 017152911.1| PREDICTED: UPF0430 protein CG31712 [Drosophila miranda]
>gi|1036857671|ref|XP_017151137.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1036874944|ref|XP_017152087.1| PREDICTED: pupal cuticle protein Edg-84A [Drosophila mirand
>gi|1036874687|ref|XP_017152071.1| PREDICTED: cyclin-dependent kinase F-4 isoform X2 [Drosophi
>gi|1036874608|ref|XP_017152067.1| PREDICTED: cyclin-dependent kinase F-4 isoform X1 [Drosophi
>gi|1036874627|ref|XP_017152068.1| PREDICTED: cyclin-dependent kinase F-4 isoform X1 [Drosophi
>gi|1036874646|ref|XP_017152069.1| PREDICTED: cyclin-dependent kinase F-4 isoform X1 [Drosophi
>gi|1036874668|ref|XP_017152070.1| PREDICTED: cyclin-dependent kinase F-4 isoform X1 [Drosophi
>gi|1036874706|ref|XP_017152072.1| PREDICTED: dynein regulatory complex subunit 3 isoform X1 [
>gi|1036874726|ref|XP_017152073.1| PREDICTED: dynein regulatory complex subunit 3 isoform X2 [
>gi|1036874835|ref|XP_017152080.1| PREDICTED: enoyl-CoA delta isomerase 1, mitochondrial [Dros
>gi|1036874889|ref|XP_017152083.1| PREDICTED: enoyl-CoA delta isomerase 1, mitochondrial-like
>gi|1036874908|ref|XP_017152085.1| PREDICTED: enoyl-CoA delta isomerase 1, mitochondrial-like
>gi|1036874852|ref|XP_017152081.1| PREDICTED: enoyl-CoA delta isomerase 1, mitochondrial [Dros
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>gi|1036874870|ref|XP_017152082.1| PREDICTED: enoyl-CoA delta isomerase 1, mitochondrial [Dros
>gi|1036874927|ref|XP_017152086.1| PREDICTED: translocon-associated protein subunit gamma [Dros
>gi|1036874816|ref|XP_017152079.1| PREDICTED: 3-ketoacyl-CoA thiolase, mitochondrial [Drosophi
>gi|1036874745|ref|XP_017152074.1| PREDICTED: probable splicing factor, arginine/serine-rich 7
>gi|1036874582|ref|XP 017152064.1| PREDICTED: SWI/SNF-related matrix-associated actin-dependent
>gi|1036874763|ref|XP_017152076.1| PREDICTED: uncharacterized protein LOC108162052 isoform X1
>gi|1036874780|ref|XP 017152077.1| PREDICTED: uncharacterized protein LOC108162052 isoform X1
>gi|1036874798|ref|XP_017152078.1| PREDICTED: uncharacterized protein LOC108162052 isoform X2
>gi|1036922127|ref|XP_017154715.1| PREDICTED: sorting nexin-17 [Drosophila miranda]
>gi|1036899655|ref|XP_017153454.1| PREDICTED: LOW QUALITY PROTEIN: 40S ribosomal protein S2 [Di
>gi|1036899678|ref|XP_017153455.1| PREDICTED: rRNA-processing protein FCF1 homolog [Drosophila
>gi|1036899716|ref|XP 017153457.1| PREDICTED: uncharacterized protein LOC108162970 [Drosophila
>gi|1036899617|ref|XP_017153452.1| PREDICTED: twinkle protein, mitochondrial [Drosophila mirane
>gi|1036899735|ref|XP_017153458.1| PREDICTED: cysteine-rich PDZ-binding protein [Drosophila mi
>gi|1036899697|ref|XP_017153456.1| PREDICTED: putative RNA polymerase II subunit B1 CTD phosph
>gi|1036899636|ref|XP_017153453.1| PREDICTED: FK506-binding protein 59 [Drosophila miranda]
>gi|1036931060|ref|XP_017155205.1| PREDICTED: uncharacterized protein LOC108164118 [Drosophila
>gi|1036920260|ref|XP 017154604.1| PREDICTED: acetylcholine receptor subunit alpha-type acr-16
>gi|1036920224|ref|XP_017154602.1| PREDICTED: acetylcholine receptor subunit alpha-type acr-16
>gi|1036920206|ref|XP 017154601.1| PREDICTED: acetylcholine receptor subunit alpha-type acr-16
>gi|1036920191|ref|XP_017154600.1| PREDICTED: acetylcholine receptor subunit alpha-type acr-16
>gi|1036920242|ref|XP_017154603.1| PREDICTED: acetylcholine receptor subunit alpha-type acr-16
>gi|1036880656|ref|XP_017152390.1| PREDICTED: zinc finger protein 521 [Drosophila miranda]
>gi|1036880675|ref|XP_017152391.1| PREDICTED: alpha-ketoglutarate-dependent dioxygenase alkB h
>gi|1036880584|ref|XP_017152386.1| PREDICTED: inositol-trisphosphate 3-kinase A isoform X2 [Dre
>gi|1036880565|ref|XP_017152385.1| PREDICTED: inositol-trisphosphate 3-kinase A isoform X1 [Dref|XP_017152385.1]
>gi|1036854734|ref|XP_017150965.1| PREDICTED: pickpocket protein 11 [Drosophila miranda]
>gi|1036880529|ref|XP_017152383.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
>gi|1036880751|ref|XP_017152396.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
>gi|1036880639|ref|XP_017152389.1| PREDICTED: zinc carboxypeptidase A 1 [Drosophila miranda]
>gi|1036880622|ref|XP_017152388.1| PREDICTED: zinc carboxypeptidase A 1 [Drosophila miranda]
>gi|1036880603|ref|XP_017152387.1| PREDICTED: methionine aminopeptidase 2 [Drosophila miranda]
>gi|1036880714|ref|XP 017152394.1| PREDICTED: transcription initiation factor TFIID subunit 11
>gi|1036880478|ref|XP_017152379.1| PREDICTED: zinc finger protein 91 isoform X1 [Drosophila mi
>gi|1036880494|ref|XP_017152380.1| PREDICTED: zinc finger protein 91 isoform X1 [Drosophila mi
>gi|1036880511|ref|XP_017152382.1| PREDICTED: zinc finger protein 91 isoform X2 [Drosophila mi
>gi|1036880548|ref|XP 017152384.1| PREDICTED: cytochrome P450 4e3 [Drosophila miranda]
>gi|1036880317|ref|XP_017152369.1| PREDICTED: sodium/potassium/calcium exchanger Nckx30C isofo
>gi|1036880336|ref|XP_017152370.1| PREDICTED: sodium/potassium/calcium exchanger Nckx30C isofo
>gi|1036880393|ref|XP_017152374.1| PREDICTED: sodium/potassium/calcium exchanger Nckx30C isofo
>gi|1036880355|ref|XP_017152372.1| PREDICTED: sodium/potassium/calcium exchanger Nckx30C isofo
>gi|1036880412|ref|XP_017152375.1| PREDICTED: sodium/potassium/calcium exchanger Nckx30C isofo
>gi|1036880428|ref|XP_017152376.1| PREDICTED: sodium/potassium/calcium exchanger Nckx30C isofo
>gi|1036880461|ref|XP_017152378.1| PREDICTED: sodium/potassium/calcium exchanger Nckx30C isofo
>gi|1036880376|ref|XP_017152373.1| PREDICTED: sodium/potassium/calcium exchanger Nckx30C isofo
>gi|1036880445|ref|XP_017152377.1| PREDICTED: sodium/potassium/calcium exchanger Nckx30C isofo
>gi|1036880733|ref|XP_017152395.1| PREDICTED: uncharacterized protein LOC108162258 [Drosophila
>gi|1036880694|ref|XP_017152392.1| PREDICTED: uncharacterized protein LOC108162256 [Drosophila
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>gi|1036930163|ref|XP_017155154.1| PREDICTED: apoptosis regulatory protein Siva-like [Drosophi
>gi|1036900684|ref|XP_017153513.1| PREDICTED: pescadillo homolog isoform X1 [Drosophila mirand
>gi|1036900702|ref|XP_017153514.1| PREDICTED: pescadillo homolog isoform X2 [Drosophila mirand
>gi|1036900719|ref|XP_017153515.1| PREDICTED: protein pelota [Drosophila miranda]
>gi|1036900755|ref|XP 017153517.1| PREDICTED: uncharacterized protein LOC108163006 [Drosophila
>gi|1036900773|ref|XP_017153518.1| PREDICTED: uncharacterized protein LOC108163006 [Drosophila
>gi|1036900791|ref|XP 017153519.1| PREDICTED: uncharacterized protein LOC108163006 [Drosophila
>gi|1036900737|ref|XP_017153516.1| PREDICTED: NHP2-like protein 1 homolog [Drosophila miranda]
>gi|1036903468|ref|XP_017153666.1| PREDICTED: cAMP-dependent protein kinase catalytic subunit
>gi|1036854751|ref|XP_017150967.1| PREDICTED: uncharacterized protein LOC108161256 [Drosophila
>gi|1036866633|ref|XP_017151615.1| PREDICTED: uncharacterized protein LOC108161784 [Drosophila
>gi|1036866904|ref|XP_017151631.1| PREDICTED: galactosylgalactosylxylosylprotein 3-beta-glucur
>gi|1036866921|ref|XP_017151632.1| PREDICTED: thioredoxin-2 [Drosophila miranda]
>gi|1036866777|ref|XP_017151624.1| PREDICTED: transcription factor glial cells missing 2 isofo
>gi|1036866762|ref|XP_017151623.1| PREDICTED: transcription factor glial cells missing 2 isofo
>gi|1036866795|ref|XP_017151625.1| PREDICTED: transcription factor glial cells missing 2 isofo
>gi|1036866812|ref|XP_017151626.1| PREDICTED: venom carboxylesterase-6 [Drosophila miranda]
>gi|1036866831|ref|XP_017151627.1| PREDICTED: esterase E4 [Drosophila miranda]
>gi|1036866850|ref|XP_017151628.1| PREDICTED: transcription factor glial cells missing [Drosop
>gi|1036866743|ref|XP 017151622.1| PREDICTED: trifunctional enzyme subunit alpha, mitochondria
>gi|1036866868|ref|XP_017151629.1| PREDICTED: uncharacterized protein LOC108161791 [Drosophila
>gi|1036866885|ref|XP 017151630.1| PREDICTED: uncharacterized protein LOC108161791 [Drosophila
>gi|1036866651|ref|XP_017151616.1| PREDICTED: junctophilin-1 isoform X1 [Drosophila miranda]
>gi|1036866669|ref|XP_017151617.1| PREDICTED: junctophilin-1 isoform X1 [Drosophila miranda]
>gi|1036866688|ref|XP_017151618.1| PREDICTED: junctophilin-1 isoform X1 [Drosophila miranda]
>gi|1036866707|ref|XP_017151619.1| PREDICTED: junctophilin-1 isoform X1 [Drosophila miranda]
>gi|1036866725|ref|XP_017151620.1| PREDICTED: uncharacterized protein LOC108161785 isoform X2
>gi|1036929313|ref|XP_017155111.1| PREDICTED: leucine-rich repeat extensin-like protein 1 [Dros
>gi|1036929351|ref|XP_017155113.1| PREDICTED: uncharacterized protein LOC108164046 [Drosophila
>gi|1036929369|ref|XP_017155114.1| PREDICTED: cuticle protein 7 [Drosophila miranda]
>gi|1036929333|ref|XP_017155112.1| PREDICTED: uncharacterized protein LOC108164045 [Drosophila
>gi|1036913941|ref|XP_017154243.1| PREDICTED: apoptotic chromatin condensation inducer in the
>gi|1036913959|ref|XP 017154244.1| PREDICTED: apoptotic chromatin condensation inducer in the
>gi|1036913976|ref|XP_017154245.1| PREDICTED: apoptotic chromatin condensation inducer in the
>gi|1036893871|ref|XP 017153127.1| PREDICTED: tetratricopeptide repeat protein 19 homolog, mit
>gi|1036893909|ref|XP_017153129.1| PREDICTED: tetratricopeptide repeat protein 19 homolog, mit
>gi|1036893890|ref|XP_017153128.1| PREDICTED: tetratricopeptide repeat protein 19 homolog, mit
>gi|1036893852|ref|XP_017153126.1| PREDICTED: protein catecholamines up [Drosophila miranda]
>gi|1036893814|ref|XP_017153124.1| PREDICTED: E3 ubiquitin-protein ligase MIB2 [Drosophila mire
>gi|1036893833|ref|XP_017153125.1| PREDICTED: E3 ubiquitin-protein ligase MIB2 [Drosophila mire
>gi|1036893927|ref|XP_017153130.1| PREDICTED: uncharacterized protein Clorf50 homolog [Drosoph
>gi|1036918456|ref|XP_017154506.1| PREDICTED: protein hook [Drosophila miranda]
>gi|1036918476|ref|XP_017154507.1| PREDICTED: uncharacterized protein LOC108163620 [Drosophila
>gi|1036854770|ref|XP_017150968.1| PREDICTED: uncharacterized protein LOC108161257 [Drosophila
>gi|1036919186|ref|XP_017154542.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1036919972|ref|XP_017154587.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1036923400|ref|XP_017154797.1| PREDICTED: 40S ribosomal protein S13 [Drosophila miranda]
>gi|1036923381|ref|XP_017154796.1| PREDICTED: COP9 signalosome complex subunit 8 [Drosophila m
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>gi|1036911632|ref|XP_017154105.1| PREDICTED: serine/threonine-protein phosphatase PP2A 65 kDa
>gi|1036911650|ref|XP_017154106.1| PREDICTED: serine/threonine-protein phosphatase PP2A 65 kDa
>gi|1036911594|ref|XP 017154103.1| PREDICTED: serine/threonine-protein phosphatase PP2A 65 kDa
>gi|1036911612|ref|XP_017154104.1| PREDICTED: serine/threonine-protein phosphatase PP2A 65 kDa
>gi|1036911668|ref|XP 017154107.1| PREDICTED: inactive pancreatic lipase-related protein 1 [Dr.
>gi|1036916418|ref|XP_017154390.1| PREDICTED: TLD domain-containing protein 1 [Drosophila mirated]
>gi|1036916400|ref|XP 017154389.1| PREDICTED: neither inactivation nor afterpotential protein
>gi|1036861279|ref|XP_017151324.1| PREDICTED: protein Wnt-10b [Drosophila miranda]
>gi|1036895207|ref|XP 017153205.1| PREDICTED: protein Wnt-6 [Drosophila miranda]
>gi|1036895189|ref|XP_017153203.1| PREDICTED: protein wingless [Drosophila miranda]
>gi|1036895152|ref|XP_017153201.1| PREDICTED: protein Wnt-4 isoform X1 [Drosophila miranda]
>gi|1036895170|ref|XP_017153202.1| PREDICTED: protein Wnt-4 isoform X2 [Drosophila miranda]
>gi|1036877907|ref|XP_017152244.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1036877926|ref|XP_017152245.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1036877739|ref|XP_017152235.1| PREDICTED: sodium bicarbonate cotransporter 3 isoform X8 [Di
>gi|1036877609|ref|XP 017152227.1| PREDICTED: sodium-driven chloride bicarbonate exchanger iso
>gi|1036877647|ref|XP_017152229.1| PREDICTED: electroneutral sodium bicarbonate exchanger 1 is
>gi|1036877684|ref|XP 017152231.1| PREDICTED: sodium bicarbonate cotransporter 3 isoform X5 [Di
>gi|1036877720|ref|XP_017152234.1| PREDICTED: sodium bicarbonate cotransporter 3 isoform X7 [Di
>gi|1036877757|ref|XP 017152236.1| PREDICTED: electroneutral sodium bicarbonate exchanger 1 is
>gi|1036877776|ref|XP_017152237.1| PREDICTED: sodium bicarbonate cotransporter 3 isoform X10 [
>gi|1036877851|ref|XP 017152241.1| PREDICTED: sodium-driven chloride bicarbonate exchanger iso
>gi|1036877628|ref|XP_017152228.1| PREDICTED: sodium-driven chloride bicarbonate exchanger iso
>gi|1036877701|ref|XP_017152233.1| PREDICTED: sodium bicarbonate cotransporter 3 isoform X6 [Di
>gi|1036877813|ref|XP_017152239.1| PREDICTED: electroneutral sodium bicarbonate exchanger 1 is
>gi|1036877832|ref|XP_017152240.1| PREDICTED: electroneutral sodium bicarbonate exchanger 1 is
>gi|1036877666|ref|XP_017152230.1| PREDICTED: sodium-driven chloride bicarbonate exchanger iso
>gi|1036877795|ref|XP_017152238.1| PREDICTED: electroneutral sodium bicarbonate exchanger 1 is
>gi|1036877888|ref|XP_017152243.1| PREDICTED: elongation factor G, mitochondrial [Drosophila m
>gi|1036877869|ref|XP 017152242.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036863748|ref|XP_017151454.1| PREDICTED: uncharacterized protein LOC108161669 [Drosophila
>gi|1036867258|ref|XP_017151653.1| PREDICTED: engulfment and cell motility protein 1 isoform X
>gi|1036867277|ref|XP 017151654.1| PREDICTED: engulfment and cell motility protein 1 isoform X
>gi|1036854789|ref|XP_017150969.1| PREDICTED: probable protein S-acyltransferase 23 [Drosophile
>gi|1036867241|ref|XP 017151652.1| PREDICTED: threonine--tRNA ligase, cytoplasmic isoform X2 [
>gi|1036867222|ref|XP_017151651.1| PREDICTED: threonine--tRNA ligase, cytoplasmic isoform X1 [
>gi|1036867388|ref|XP 017151660.1| PREDICTED: ras-related protein Rab6 [Drosophila miranda]
>gi|1036867350|ref|XP_017151658.1| PREDICTED: cationic trypsin [Drosophila miranda]
>gi|1036867296|ref|XP_017151655.1| PREDICTED: sorting nexin-2 [Drosophila miranda]
>gi|1036867369|ref|XP_017151659.1| PREDICTED: AN1-type zinc finger protein 2A [Drosophila mirated]
>gi|1036867183|ref|XP_017151648.1| PREDICTED: conserved oligomeric Golgi complex subunit 3 [Dr
>gi|1036867201|ref|XP_017151649.1| PREDICTED: exocyst complex component 2 [Drosophila miranda]
>gi|1036867333|ref|XP 017151657.1| PREDICTED: uncharacterized protein LOC108161808 isoform X2
>gi|1036867315|ref|XP_017151656.1| PREDICTED: uncharacterized protein LOC108161808 isoform X1
>gi|1036907750|ref|XP_017153906.1| PREDICTED: E3 ubiquitin-protein ligase msl-2 isoform X2 [Dref|XP_017153906.1]
>gi|1036907714|ref|XP_017153904.1| PREDICTED: E3 ubiquitin-protein ligase msl-2 isoform X1 [Dref|XP_017153904.1]
>gi|1036907732|ref|XP_017153905.1| PREDICTED: E3 ubiquitin-protein ligase msl-2 isoform X1 [Dref|XP_017153905.1]
>gi|1036892623|ref|XP_017153060.1| PREDICTED: protein FAM151B isoform X1 [Drosophila miranda]
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>gi|1036892638|ref|XP_017153061.1| PREDICTED: protein FAM151B isoform X2 [Drosophila miranda]
>gi|1036892498|ref|XP_017153053.1| PREDICTED: protein croquemort isoform X1 [Drosophila mirand
>gi|1036892517|ref|XP_017153054.1| PREDICTED: protein croquemort isoform X1 [Drosophila mirand
>gi|1036892536|ref|XP_017153055.1| PREDICTED: protein croquemort isoform X2 [Drosophila mirand
>gi|1036892552|ref|XP_017153056.1| PREDICTED: protein croquemort [Drosophila miranda]
>gi|1036892569|ref|XP_017153057.1| PREDICTED: protein croquemort [Drosophila miranda]
>gi|1036892588|ref|XP 017153059.1| PREDICTED: uncharacterized protein LOC108162710 [Drosophila
>gi|1036902247|ref|XP_017153601.1| PREDICTED: zinc finger protein 3 isoform X10 [Drosophila mi
>gi|1036902225|ref|XP_017153599.1| PREDICTED: zinc finger protein 3 isoform X9 [Drosophila mire
>gi|1036902265|ref|XP_017153602.1| PREDICTED: zinc finger protein 3 isoform X11 [Drosophila mi
>gi|1036902205|ref|XP_017153598.1| PREDICTED: zinc finger protein 3 isoform X8 [Drosophila mire
>gi|1036902143|ref|XP_017153595.1| PREDICTED: zinc finger protein 497 isoform X5 [Drosophila m
>gi|1036902105|ref|XP_017153593.1| PREDICTED: zinc finger protein 271 isoform X3 [Drosophila m
>gi|1036902183|ref|XP_017153597.1| PREDICTED: zinc finger protein 497 isoform X7 [Drosophila m
>gi|1036902083|ref|XP_017153592.1| PREDICTED: zinc finger protein 271 isoform X2 [Drosophila m
>gi|1036902125|ref|XP_017153594.1| PREDICTED: zinc finger protein 271 isoform X4 [Drosophila m
>gi|1036902163|ref|XP_017153596.1| PREDICTED: zinc finger protein 497 isoform X6 [Drosophila m
>gi|1036902026|ref|XP_017153589.1| PREDICTED: zinc finger protein 271 isoform X1 [Drosophila m
>gi|1036902046|ref|XP_017153590.1| PREDICTED: zinc finger protein 271 isoform X1 [Drosophila m
>gi|1036902065|ref|XP_017153591.1| PREDICTED: zinc finger protein 271 isoform X1 [Drosophila m
>gi|1036902286|ref|XP_017153603.1| PREDICTED: gastrula zinc finger protein XlCGF57.1 isoform X
>gi|1036925588|ref|XP 017154904.1| PREDICTED: uncharacterized protein LOC108163896 [Drosophila
>gi|1036925610|ref|XP_017154905.1| PREDICTED: uncharacterized protein LOC108163897 [Drosophila
>gi|1036933791|ref|XP_017155351.1| PREDICTED: homeobox protein goosecoid [Drosophila miranda]
>gi|1036894090|ref|XP_017153140.1| PREDICTED: homeobox protein orthopedia [Drosophila miranda]
>gi|1036894128|ref|XP_017153142.1| PREDICTED: uncharacterized protein LOC108162766 isoform X1
>gi|1036894149|ref|XP_017153143.1| PREDICTED: uncharacterized protein LOC108162766 isoform X2
>gi|1036894168|ref|XP_017153144.1| PREDICTED: uncharacterized protein LOC108162768 [Drosophila
>gi|1036894109|ref|XP_017153141.1| PREDICTED: inositol polyphosphate multikinase [Drosophila m
>gi|1036894071|ref|XP_017153139.1| PREDICTED: splicing factor 3B subunit 1 [Drosophila miranda]
>gi|1036916962|ref|XP_017154416.1| PREDICTED: protein Notchless [Drosophila miranda]
>gi|1036916944|ref|XP_017154415.1| PREDICTED: pseudouridine-metabolizing bifunctional protein
>gi|1036912491|ref|XP 017154156.1| PREDICTED: uncharacterized protein LOC108163403 [Drosophila
>gi|1036912440|ref|XP_017154152.1| PREDICTED: vegetative cell wall protein gp1 [Drosophila mire
>gi|1036912458|ref|XP 017154153.1| PREDICTED: vegetative cell wall protein gp1 [Drosophila mire
>gi|1036912473|ref|XP_017154155.1| PREDICTED: translocator protein [Drosophila miranda]
>gi|1036912424|ref|XP_017154151.1| PREDICTED: intraflagellar transport protein 140 homolog [Dr
>gi|1036927893|ref|XP_017155039.1| PREDICTED: DNA-binding protein D-ETS-6 isoform X1 [Drosophi
>gi|1036927911|ref|XP_017155041.1| PREDICTED: DNA-binding protein D-ETS-6 isoform X2 [Drosophi
>gi|1036927947|ref|XP_017155043.1| PREDICTED: neuronal acetylcholine receptor subunit alpha-2
>gi|1036927929|ref|XP_017155042.1| PREDICTED: neuronal acetylcholine receptor subunit alpha-2
>gi|1036923060|ref|XP_017154776.1| PREDICTED: minor histocompatibility antigen H13 [Drosophila
>gi|1036927592|ref|XP_017155022.1| PREDICTED: SUMO-conjugating enzyme UBC9-B [Drosophila miran-
>gi|1036883252|ref|XP_017152535.1| PREDICTED: zinc finger protein ush isoform X2 [Drosophila m
>gi|1036883233|ref|XP_017152534.1| PREDICTED: zinc finger protein ush isoform X1 [Drosophila m
>gi|1036883271|ref|XP_017152536.1| PREDICTED: zinc finger protein ush isoform X3 [Drosophila m
>gi|1036883327|ref|XP_017152539.1| PREDICTED: protein arginine N-methyltransferase 8-B-like [Di
>gi|1036883308|ref|XP_017152538.1| PREDICTED: Krueppel-like factor 10 [Drosophila miranda]
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>gi|1036875713|ref|XP 017152130.1| PREDICTED: uncharacterized protein LOC108162086 isoform X2
>gi|1036875696|ref|XP_017152129.1| PREDICTED: uncharacterized protein LOC108162086 isoform X1
>gi|1036875773|ref|XP 017152133.1| PREDICTED: uncharacterized protein LOC108162086 isoform X5
>gi|1036875750|ref|XP_017152132.1| PREDICTED: uncharacterized protein LOC108162086 isoform X4
>gi|1036875731|ref|XP 017152131.1| PREDICTED: uncharacterized protein LOC108162086 isoform X3
>gi|1036875885|ref|XP_017152140.1| PREDICTED: dnaJ homolog subfamily B member 11 [Drosophila m
>gi|1036875792|ref|XP_017152135.1| PREDICTED: protein croquemort [Drosophila miranda]
>gi|1036875811|ref|XP_017152136.1| PREDICTED: protein croquemort [Drosophila miranda]
>gi|1036875830|ref|XP_017152137.1| PREDICTED: protein croquemort [Drosophila miranda]
>gi|1036875849|ref|XP 017152138.1| PREDICTED: protein croquemort [Drosophila miranda]
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>gi|1036875677|ref|XP_017152128.1| PREDICTED: protein expanded [Drosophila miranda]
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>gi|1036867522|ref|XP_017151668.1| PREDICTED: ADP-ribosylation factor-like protein 16 [Drosoph
>gi|1036867541|ref|XP_017151669.1| PREDICTED: uncharacterized protein LOC108161822 [Drosophila
>gi|1036867560|ref|XP 017151670.1| PREDICTED: 60S acidic ribosomal protein P1 [Drosophila mirat
>gi|1036867503|ref|XP_017151667.1| PREDICTED: ribonuclease H2 subunit A [Drosophila miranda]
>gi|1036867461|ref|XP 017151665.1| PREDICTED: F-box-like/WD repeat-containing protein ebi [Dro
>gi|1036867442|ref|XP_017151664.1| PREDICTED: AP-2 complex subunit alpha [Drosophila miranda]
>gi|1036867425|ref|XP 017151663.1| PREDICTED: DNA-directed RNA polymerase I subunit RPA2 [Dros
>gi|1036867407|ref|XP_017151661.1| PREDICTED: protein lava lamp [Drosophila miranda]
>gi|1036926760|ref|XP_017154973.1| PREDICTED: homeobox protein aristaless isoform X1 [Drosophi
>gi|1036926775|ref|XP_017154974.1| PREDICTED: homeobox protein aristaless isoform X2 [Drosophi
>gi|1036926742|ref|XP_017154972.1| PREDICTED: 60 kDa heat shock protein homolog 1, mitochondria
>gi|1036888875|ref|XP_017152844.1| PREDICTED: equilibrative nucleoside transporter 1 [Drosophi
>gi|1036888841|ref|XP_017152842.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036888807|ref|XP_017152840.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036888824|ref|XP_017152841.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036888779|ref|XP_017152838.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036888792|ref|XP_017152839.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036888893|ref|XP 017152846.1| PREDICTED: uncharacterized protein LOC108162560 [Drosophila
>gi|1036888858|ref|XP_017152843.1| PREDICTED: uncharacterized protein LOC108162558 [Drosophila
>gi|1036888910|ref|XP 017152847.1| PREDICTED: lectizyme [Drosophila miranda]
>gi|1036888929|ref|XP 017152848.1| PREDICTED: lectizyme [Drosophila miranda]
>gi|1036888948|ref|XP 017152849.1| PREDICTED: lectizyme-like [Drosophila miranda]
>gi|1036873244|ref|XP_017151993.1| PREDICTED: rap1 GTPase-activating protein 1 isoform X1 [Dros
>gi|1036873260|ref|XP_017151994.1| PREDICTED: rap1 GTPase-activating protein 1 isoform X2 [Dros
>gi|1036873277|ref|XP_017151995.1| PREDICTED: rap1 GTPase-activating protein 1 isoform X3 [Dros
>gi|1036873317|ref|XP_017151998.1| PREDICTED: lectizyme-like [Drosophila miranda]
>gi|1036873355|ref|XP_017152000.1| PREDICTED: uncharacterized protein LOC108162017 isoform X2
>gi|1036873336|ref|XP 017151999.1| PREDICTED: uncharacterized protein LOC108162017 isoform X1
>gi|1036873296|ref|XP_017151996.1| PREDICTED: uncharacterized protein LOC108162015 [Drosophila
>gi|1036880072|ref|XP_017152356.1| PREDICTED: serine-rich adhesin for platelets isoform X9 [Dref|XP_017152356.1]
>gi|1036879953|ref|XP_017152350.1| PREDICTED: serine-rich adhesin for platelets isoform X5 [Dref|XP_017152350.1]
>gi|1036879994|ref|XP_017152352.1| PREDICTED: serine-rich adhesin for platelets isoform X5 [Dreat content of the content of th
>gi|1036879928|ref|XP_017152349.1| PREDICTED: uncharacterized protein LOC108162232 isoform X4
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>gi|1036883289|ref|XP\_017152537.1| PREDICTED: mediator of RNA polymerase II transcription subused in the subuse of the subuse of

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>gi|1036879909|ref|XP_017152348.1| PREDICTED: uncharacterized protein LOC108162232 isoform X3
>gi|1036879816|ref|XP_017152347.1| PREDICTED: uncharacterized protein LOC108162232 isoform X2
>gi|1036879796|ref|XP_017152346.1| PREDICTED: uncharacterized protein LOC108162232 isoform X1
>gi|1036880013|ref|XP_017152353.1| PREDICTED: serine-rich adhesin for platelets isoform X6 [Dr
>gi|1036880051|ref|XP_017152355.1| PREDICTED: slowpoke-binding protein isoform X8 [Drosophila 1
>gi|1036880032|ref|XP_017152354.1| PREDICTED: slowpoke-binding protein isoform X7 [Drosophila is
>gi|1036880129|ref|XP 017152359.1| PREDICTED: uncharacterized protein LOC108162235 [Drosophila
>gi|1036879646|ref|XP_017152338.1| PREDICTED: myosin-VIIa [Drosophila miranda]
>gi|1036880091|ref|XP_017152357.1| PREDICTED: zinc carboxypeptidase [Drosophila miranda]
>gi|1036880110|ref|XP_017152358.1| PREDICTED: zinc carboxypeptidase [Drosophila miranda]
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>gi|1036879777|ref|XP_017152345.1| PREDICTED: CD109 antigen isoform X6 [Drosophila miranda]
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>gi|1036879724|ref|XP_017152342.1| PREDICTED: CD109 antigen isoform X3 [Drosophila miranda]
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>gi|1036879742|ref|XP_017152343.1| PREDICTED: CD109 antigen isoform X4 [Drosophila miranda]
>gi|1036879703|ref|XP_017152341.1| PREDICTED: CD109 antigen isoform X2 [Drosophila miranda]
>gi|1036879665|ref|XP_017152339.1| PREDICTED: CD109 antigen [Drosophila miranda]
>gi|1036907475|ref|XP_017153892.1| PREDICTED: sodium- and chloride-dependent glycine transport
>gi|1036907493|ref|XP_017153893.1| PREDICTED: sodium- and chloride-dependent glycine transport
>gi|1036907511|ref|XP_017153894.1| PREDICTED: sodium- and chloride-dependent neutral and basic
>gi|1036907439|ref|XP 017153890.1| PREDICTED: uncharacterized protein LOC108163240 [Drosophila
>gi|1036907457|ref|XP_017153891.1| PREDICTED: uncharacterized protein LOC108163240 [Drosophila
>gi|1036899105|ref|XP_017153423.1| PREDICTED: intersectin-2 isoform X3 [Drosophila miranda]
>gi|1036898965|ref|XP_017153415.1| PREDICTED: sodium- and chloride-dependent glycine transport
>gi|1036898987|ref|XP_017153416.1| PREDICTED: sodium- and chloride-dependent glycine transport
>gi|1036899006|ref|XP_017153417.1| PREDICTED: sodium- and chloride-dependent glycine transport
>gi|1036899027|ref|XP_017153418.1| PREDICTED: sodium- and chloride-dependent glycine transport
>gi|1036899046|ref|XP_017153419.1| PREDICTED: sodium- and chloride-dependent glycine transport
>gi|1036899255|ref|XP_017153432.1| PREDICTED: adult cuticle protein 1-like [Drosophila miranda]
>gi|1036899239|ref|XP_017153431.1| PREDICTED: adult cuticle protein 1 [Drosophila miranda]
>gi|1036899294|ref|XP_017153434.1| PREDICTED: ATP synthase subunit g, mitochondrial [Drosophile
>gi|1036899275|ref|XP_017153433.1| PREDICTED: adult cuticle protein 1 [Drosophila miranda]
>gi|1036899086|ref|XP_017153422.1| PREDICTED: intersectin-2 isoform X2 [Drosophila miranda]
>gi|1036899065|ref|XP 017153420.1| PREDICTED: uncharacterized protein LOC108162942 isoform X1
>gi|1036899164|ref|XP_017153426.1| PREDICTED: PERQ amino acid-rich with GYF domain-containing
>gi|1036899183|ref|XP_017153427.1| PREDICTED: PERQ amino acid-rich with GYF domain-containing
>gi|1036899201|ref|XP_017153428.1| PREDICTED: PERQ amino acid-rich with GYF domain-containing
>gi|1036899220|ref|XP_017153429.1| PREDICTED: PERQ amino acid-rich with GYF domain-containing
>gi|1036898947|ref|XP_017153414.1| PREDICTED: uncharacterized protein LOC108162939 [Drosophila
>gi|1036899124|ref|XP_017153424.1| PREDICTED: uricase [Drosophila miranda]
>gi|1036899143|ref|XP_017153425.1| PREDICTED: uncharacterized protein LOC108162945 [Drosophila
>gi|1036903486|ref|XP_017153667.1| PREDICTED: bromodomain-containing protein 9 [Drosophila mire
>gi|1036903504|ref|XP_017153668.1| PREDICTED: ethanolaminephosphotransferase 1 [Drosophila mire
>gi|1036905151|ref|XP_017153760.1| PREDICTED: alpha-aminoadipic semialdehyde synthase, mitocho:
>gi|1036905169|ref|XP_017153761.1| PREDICTED: homocysteine-responsive endoplasmic reticulum-re
>gi|1036905187|ref|XP_017153762.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036917134|ref|XP_017154427.1| PREDICTED: dual specificity protein phosphatase CDC14B [Dros
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>gi|1036892141|ref|XP_017153032.1| PREDICTED: protein transport protein SFT2 [Drosophila miran-
>gi|1036892122|ref|XP_017153031.1| PREDICTED: U5 small nuclear ribonucleoprotein 40 kDa protei
>gi|1036892160|ref|XP_017153033.1| PREDICTED: NADH dehydrogenase [ubiquinone] iron-sulfur prote
>gi|1036892103|ref|XP_017153030.1| PREDICTED: putative tRNA pseudouridine synthase Pus10 [Dros
>gi|1036892048|ref|XP 017153027.1| PREDICTED: nicotinate phosphoribosyltransferase isoform X1
>gi|1036892065|ref|XP_017153028.1| PREDICTED: nicotinate phosphoribosyltransferase isoform X1
>gi|1036892084|ref|XP_017153029.1| PREDICTED: nicotinate phosphoribosyltransferase isoform X2
>gi|1036926432|ref|XP_017154953.1| PREDICTED: tubulin-specific chaperone C [Drosophila miranda]
>gi|1036919014|ref|XP_017154536.1| PREDICTED: odorant receptor 24a isoform X1 [Drosophila mirated
>gi|1036919031|ref|XP_017154537.1| PREDICTED: odorant receptor 24a isoform X2 [Drosophila mirated
>gi|1036919049|ref|XP_017154538.1| PREDICTED: odorant receptor 24a isoform X3 [Drosophila mirated
>gi|1036919084|ref|XP_017154540.1| PREDICTED: uncharacterized protein LOC108163640 [Drosophila
>gi|1036919067|ref|XP_017154539.1| PREDICTED: lanC-like protein 3 homolog [Drosophila miranda]
>gi|1036918993|ref|XP_017154535.1| PREDICTED: uncharacterized protein LOC108163636 isoform X2
>gi|1036918975|ref|XP_017154534.1| PREDICTED: uncharacterized protein LOC108163636 isoform X1
>gi|1036876190|ref|XP_017152155.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036861695|ref|XP_017151349.1| PREDICTED: S-phase kinase-associated protein 1 [Drosophila |
>gi|1036858905|ref|XP_017151191.1| PREDICTED: uncharacterized protein LOC108161440 [Drosophila
>gi|1036862258|ref|XP_017151379.1| PREDICTED: probable serine/threonine-protein kinase DDB_G02
>gi|1036860601|ref|XP_017151283.1| PREDICTED: uncharacterized protein LOC108161516 [Drosophila
>gi|1036857561|ref|XP_017151130.1| PREDICTED: uncharacterized protein LOC108161393 [Drosophila
>gi|1036862745|ref|XP 017151405.1| PREDICTED: leucine-rich repeat extensin-like protein 3 [Dros
>gi|1036934627|ref|XP_017155399.1| PREDICTED: LOW QUALITY PROTEIN: hsp90 co-chaperone Cdc37-li
>gi|1036891332|ref|XP_017152985.1| PREDICTED: uncharacterized protein LOC108162660 isoform X1
>gi|1036891368|ref|XP_017152988.1| PREDICTED: uncharacterized protein LOC108162660 isoform X3
>gi|1036891439|ref|XP_017152991.1| PREDICTED: E3 ubiquitin-protein ligase RFWD3-like [Drosophi
>gi|1036891351|ref|XP_017152987.1| PREDICTED: uncharacterized protein LOC108162660 isoform X2
>gi|1036891404|ref|XP_017152989.1| PREDICTED: hemicentin-1 isoform X4 [Drosophila miranda]
>gi|1036891279|ref|XP_017152982.1| PREDICTED: protein cappuccino isoform X1 [Drosophila mirand
>gi|1036891294|ref|XP_017152983.1| PREDICTED: protein cappuccino isoform X2 [Drosophila mirand
>gi|1036891313|ref|XP_017152984.1| PREDICTED: protein cappuccino isoform X3 [Drosophila mirand
>gi|1036891509|ref|XP_017152995.1| PREDICTED: hydroxysteroid dehydrogenase-like protein 2 isof
>gi|1036891475|ref|XP 017152993.1| PREDICTED: hydroxysteroid dehydrogenase-like protein 2 isof
>gi|1036891494|ref|XP_017152994.1| PREDICTED: hydroxysteroid dehydrogenase-like protein 2 isof
>gi|1036891458|ref|XP 017152992.1| PREDICTED: probable RNA-binding protein EIF1AD [Drosophila 1
>gi|1036891421|ref|XP_017152990.1| PREDICTED: centrosomal protein of 97 kDa [Drosophila mirand
>gi|1036854808|ref|XP_017150970.1| PREDICTED: sterile alpha motif domain-containing protein 15
>gi|1036933380|ref|XP_017155330.1| PREDICTED: uncharacterized protein LOC108164210 [Drosophila
>gi|1036916119|ref|XP_017154371.1| PREDICTED: uncharacterized protein LOC108163531 [Drosophila
>gi|1036916137|ref|XP_017154372.1| PREDICTED: uncharacterized protein LOC108163531 [Drosophila
>gi|1036916066|ref|XP_017154368.1| PREDICTED: leukotriene A-4 hydrolase isoform X1 [Drosophila
>gi|1036916084|ref|XP_017154369.1| PREDICTED: leukotriene A-4 hydrolase isoform X2 [Drosophila
>gi|1036916102|ref|XP_017154370.1| PREDICTED: 39S ribosomal protein L13, mitochondrial isoform
>gi|1036920871|ref|XP_017154642.1| PREDICTED: insulin gene enhancer protein isl-1 isoform X2 [
>gi|1036920853|ref|XP_017154641.1| PREDICTED: insulin gene enhancer protein isl-1 isoform X1 [
>gi|1036893277|ref|XP_017153098.1| PREDICTED: S phase cyclin A-associated protein in the endop
>gi|1036893259|ref|XP_017153095.1| PREDICTED: S phase cyclin A-associated protein in the endop
>gi|1036893295|ref|XP_017153099.1| PREDICTED: uncharacterized protein LOC108162735 [Drosophila
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>gi|1036935266|ref|XP_017155432.1| PREDICTED: uncharacterized protein LOC108164296 [Drosophila
>gi|1036859768|ref|XP_017151239.1| PREDICTED: coiled-coil domain-containing protein 170 isoform
>gi|1036859784|ref|XP_017151240.1| PREDICTED: coiled-coil domain-containing protein 170 isoform
>gi|1036935069|ref|XP_017155421.1| PREDICTED: LOW QUALITY PROTEIN: actin-related protein 2-lik
>gi|1036892218|ref|XP 017153036.1| PREDICTED: uncharacterized protein LOC108162697 [Drosophila
>gi|1036892179|ref|XP_017153034.1| PREDICTED: probable cytochrome P450 310a1 [Drosophila miran-
>gi|1036892197|ref|XP_017153035.1| PREDICTED: intraflagellar transport protein 46 homolog [Dros
>gi|1036923114|ref|XP_017154779.1| PREDICTED: LIM/homeobox protein Lhx2-like [Drosophila miran
>gi|1036923132|ref|XP_017154780.1| PREDICTED: uncharacterized protein LOC108163802 [Drosophila
>gi|1036923150|ref|XP_017154781.1| PREDICTED: GTP-binding nuclear protein Ran-like [Drosophila
>gi|1036854827|ref|XP_017150971.1| PREDICTED: uncharacterized protein LOC108161261, partial [Di
>gi|1036887865|ref|XP_017152791.1| PREDICTED: nascent polypeptide-associated complex subunit a
>gi|1036887903|ref|XP_017152793.1| PREDICTED: uncharacterized protein LOC108162523 [Drosophila
>gi|1036887922|ref|XP_017152794.1| PREDICTED: uncharacterized protein LOC108162523 [Drosophila
>gi|1036854846|ref|XP_017150972.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036887939|ref|XP_017152795.1| PREDICTED: importin subunit alpha-4-like [Drosophila mirand
>gi|1036887827|ref|XP_017152789.1| PREDICTED: uncharacterized protein LOC108162519 [Drosophila
>gi|1036887958|ref|XP_017152796.1| PREDICTED: importin subunit alpha-4-like [Drosophila mirand
>gi|1036888020|ref|XP_017152799.1| PREDICTED: acylphosphatase-1-like [Drosophila miranda]
>gi|1036887810|ref|XP 017152787.1| PREDICTED: uncharacterized protein LOC108162518 [Drosophila
>gi|1036887996|ref|XP_017152798.1| PREDICTED: putative uncharacterized protein DDB_G0294196 [Di
>gi|1036887884|ref|XP 017152792.1| PREDICTED: mucin-22 [Drosophila miranda]
>gi|1036887977|ref|XP_017152797.1| PREDICTED: importin subunit alpha-4-like [Drosophila mirand
>gi|1036887846|ref|XP_017152790.1| PREDICTED: V-type proton ATPase 116 kDa subunit a [Drosophi
>gi|1036888093|ref|XP_017152800.1| PREDICTED: uncharacterized protein LOC108162530 [Drosophila
>gi|1036932194|ref|XP_017155263.1| PREDICTED: sialidase isoform X1 [Drosophila miranda]
>gi|1036932210|ref|XP_017155264.1| PREDICTED: uncharacterized protein LOC108164164 isoform X2
>gi|1036928426|ref|XP_017155061.1| PREDICTED: uncharacterized protein LOC108164000 [Drosophila
>gi|1036928409|ref|XP_017155060.1| PREDICTED: uncharacterized protein LOC108163999 [Drosophila
>gi|1036928358|ref|XP_017155057.1| PREDICTED: tetraspanin-15 isoform X1 [Drosophila miranda]
>gi|1036928375|ref|XP_017155058.1| PREDICTED: protein swallow isoform X2 [Drosophila miranda]
>gi|1036928393|ref|XP_017155059.1| PREDICTED: protein swallow isoform X2 [Drosophila miranda]
>gi|1036865836|ref|XP_017151570.1| PREDICTED: lysosomal Pro-X carboxypeptidase [Drosophila mire
>gi|1036865818|ref|XP_017151568.1| PREDICTED: nesprin-1 isoform X12 [Drosophila miranda]
>gi|1036865704|ref|XP 017151562.1| PREDICTED: nesprin-1 isoform X6 [Drosophila miranda]
>gi|1036865800|ref|XP_017151567.1| PREDICTED: nesprin-1 isoform X11 [Drosophila miranda]
>gi|1036865686|ref|XP_017151561.1| PREDICTED: nesprin-1 isoform X5 [Drosophila miranda]
>gi|1036865743|ref|XP_017151564.1| PREDICTED: nesprin-1 isoform X8 [Drosophila miranda]
>gi|1036865781|ref|XP_017151566.1| PREDICTED: nesprin-1 isoform X10 [Drosophila miranda]
>gi|1036865666|ref|XP_017151560.1| PREDICTED: nesprin-1 isoform X4 [Drosophila miranda]
>gi|1036865762|ref|XP_017151565.1| PREDICTED: nesprin-1 isoform X9 [Drosophila miranda]
>gi|1036865647|ref|XP_017151559.1| PREDICTED: nesprin-1 isoform X3 [Drosophila miranda]
>gi|1036865623|ref|XP_017151558.1| PREDICTED: nesprin-1 isoform X2 [Drosophila miranda]
>gi|1036865605|ref|XP_017151557.1| PREDICTED: nesprin-1 isoform X1 [Drosophila miranda]
>gi|1036865724|ref|XP_017151563.1| PREDICTED: nesprin-1 isoform X7 [Drosophila miranda]
>gi|1036879610|ref|XP_017152336.1| PREDICTED: NADH dehydrogenase [ubiquinone] iron-sulfur prot
>gi|1036879593|ref|XP_017152335.1| PREDICTED: uncharacterized protein LOC108162225 [Drosophila
>gi|1036879574|ref|XP_017152334.1| PREDICTED: pantothenate kinase 4 [Drosophila miranda]
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>gi|1036879629|ref|XP_017152337.1| PREDICTED: 60S ribosomal protein L37a [Drosophila miranda]
>gi|1036879538|ref|XP_017152332.1| PREDICTED: polypeptide N-acetylgalactosaminyltransferase 5
>gi|1036879519|ref|XP_017152331.1| PREDICTED: polypeptide N-acetylgalactosaminyltransferase 5
>gi|1036879557|ref|XP_017152333.1| PREDICTED: polypeptide N-acetylgalactosaminyltransferase 5
>gi|1036876771|ref|XP 017152187.1| PREDICTED: acyl-CoA-binding protein [Drosophila miranda]
>gi|1036876752|ref|XP_017152185.1| PREDICTED: rabenosyn-5 [Drosophila miranda]
>gi|1036876714|ref|XP 017152183.1| PREDICTED: proline-rich protein 36 isoform X1 [Drosophila m
>gi|1036876789|ref|XP_017152188.1| PREDICTED: uncharacterized protein LOC108162124 [Drosophila
>gi|1036876733|ref|XP_017152184.1| PREDICTED: proline-rich protein 36 isoform X2 [Drosophila m
>gi|1036902379|ref|XP_017153608.1| PREDICTED: UPF0518 protein GA25918 isoform X1 [Drosophila m
>gi|1036902417|ref|XP_017153610.1| PREDICTED: UPF0518 protein GL19323 isoform X3 [Drosophila m
>gi|1036902397|ref|XP_017153609.1| PREDICTED: UPF0518 protein GA25918 isoform X2 [Drosophila m
>gi|1036902439|ref|XP_017153611.1| PREDICTED: UPF0518 protein GL19323 isoform X4 [Drosophila m
>gi|1036902457|ref|XP_017153612.1| PREDICTED: mitochondrial pyruvate carrier 2-like [Drosophile
>gi|1036857527|ref|XP_017151129.1| PREDICTED: hydroxysteroid dehydrogenase-like protein 1 [Dros
>gi|1036931302|ref|XP_017155215.1| PREDICTED: lipase 1-like isoform X1 [Drosophila miranda]
>gi|1036931319|ref|XP_017155216.1| PREDICTED: lipase 1-like isoform X2 [Drosophila miranda]
>gi|1036931633|ref|XP_017155236.1| PREDICTED: hydroxysteroid dehydrogenase-like protein 1 isof
>gi|1036931653|ref|XP_017155237.1| PREDICTED: hydroxysteroid dehydrogenase-like protein 1 isof
>gi|1036870948|ref|XP 017151860.1| PREDICTED: uncharacterized protein LOC108161939 isoform X1
>gi|1036870967|ref|XP_017151861.1| PREDICTED: uncharacterized protein LOC108161939 isoform X2
>gi|1036870984|ref|XP_017151862.1| PREDICTED: phospholipase A1 member A isoform X1 [Drosophila
>gi|1036871003|ref|XP_017151863.1| PREDICTED: phospholipase A1 member A isoform X2 [Drosophila
>gi|1036870910|ref|XP_017151858.1| PREDICTED: aspartate--tRNA ligase, mitochondrial [Drosophile
>gi|1036870929|ref|XP_017151859.1| PREDICTED: aspartate--tRNA ligase, mitochondrial [Drosophile
>gi|1036871060|ref|XP_017151866.1| PREDICTED: diacylglycerol O-acyltransferase 1 [Drosophila m
>gi|1036871085|ref|XP_017151867.1| PREDICTED: diacylglycerol O-acyltransferase 1 [Drosophila m
>gi|1036871104|ref|XP_017151868.1| PREDICTED: diacylglycerol O-acyltransferase 1 [Drosophila m
>gi|1036871142|ref|XP_017151871.1| PREDICTED: uncharacterized protein LOC108161946 [Drosophila
>gi|1036871022|ref|XP_017151864.1| PREDICTED: exportin-2 [Drosophila miranda]
>gi|1036871123|ref|XP_017151870.1| PREDICTED: trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
>gi|1036871041|ref|XP_017151865.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036929866|ref|XP 017155143.1| PREDICTED: UDP-glucuronosyltransferase 2B9 [Drosophila mirat
>gi|1036931942|ref|XP_017155251.1| PREDICTED: UDP-glucuronosyltransferase 2B15 [Drosophila mire
>gi|1036934746|ref|XP 017155403.1| PREDICTED: UDP-glucuronosyltransferase 1-1 [Drosophila mirates
>gi|1036908703|ref|XP_017153957.1| PREDICTED: cytochrome b5-related protein [Drosophila mirand
>gi|1036908721|ref|XP_017153958.1| PREDICTED: cytochrome b5-related protein [Drosophila mirand
>gi|1036908739|ref|XP_017153959.1| PREDICTED: cytochrome b5-related protein [Drosophila mirand
>gi|1036908147|ref|XP_017153926.1| PREDICTED: myosin heavy chain, muscle isoform X2 [Drosophile
>gi|1036908540|ref|XP_017153947.1| PREDICTED: myosin heavy chain, muscle isoform X23 [Drosophi
>gi|1036908683|ref|XP_017153956.1| PREDICTED: myosin heavy chain, muscle isoform X31 [Drosophi
>gi|1036908557|ref|XP_017153948.1| PREDICTED: myosin heavy chain, muscle isoform X24 [Drosophi
>gi|1036908500|ref|XP_017153945.1| PREDICTED: myosin heavy chain, muscle isoform X21 [Drosophi
>gi|1036908223|ref|XP_017153929.1| PREDICTED: myosin heavy chain, muscle isoform X5 [Drosophile
>gi|1036908313|ref|XP_017153934.1| PREDICTED: myosin heavy chain, muscle isoform X10 [Drosophi
>gi|1036908375|ref|XP_017153938.1| PREDICTED: myosin heavy chain, muscle isoform X14 [Drosophi
>gi|1036908329|ref|XP_017153935.1| PREDICTED: myosin heavy chain, muscle isoform X11 [Drosophi
>gi|1036908410|ref|XP_017153940.1| PREDICTED: myosin heavy chain, muscle isoform X16 [Drosophi
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>gi|1036908462|ref|XP_017153943.1| PREDICTED: myosin heavy chain, muscle isoform X19 [Drosophi
>gi|1036908129|ref|XP 017153925.1| PREDICTED: myosin heavy chain, muscle isoform X1 [Drosophile
>gi|1036908361|ref|XP_017153937.1| PREDICTED: myosin heavy chain, muscle isoform X13 [Drosophi
>gi|1036908257|ref|XP 017153931.1| PREDICTED: myosin heavy chain, muscle isoform X7 [Drosophile
>gi|1036908293|ref|XP_017153933.1| PREDICTED: myosin heavy chain, muscle isoform X9 [Drosophile
>gi|1036908480|ref|XP 017153944.1| PREDICTED: myosin heavy chain, muscle isoform X20 [Drosophi
>gi|1036908207|ref|XP_017153928.1| PREDICTED: myosin heavy chain, muscle isoform X4 [Drosophile
>gi|1036908428|ref|XP_017153941.1| PREDICTED: myosin heavy chain, muscle isoform X17 [Drosophi
>gi|1036908169|ref|XP_017153927.1| PREDICTED: myosin heavy chain, muscle isoform X3 [Drosophile
>gi|1036908393|ref|XP_017153939.1| PREDICTED: myosin heavy chain, muscle isoform X15 [Drosophi
>gi|1036908595|ref|XP 017153950.1| PREDICTED: myosin heavy chain, muscle isoform X26 [Drosophi
>gi|1036908446|ref|XP_017153942.1| PREDICTED: myosin heavy chain, muscle isoform X18 [Drosophi
>gi|1036908518|ref|XP_017153946.1| PREDICTED: myosin heavy chain, muscle isoform X22 [Drosophi
>gi|1036908347|ref|XP_017153936.1| PREDICTED: myosin heavy chain, muscle isoform X12 [Drosophi
>gi|1036908275|ref|XP_017153932.1| PREDICTED: myosin heavy chain, muscle isoform X8 [Drosophile
>gi|1036908575|ref|XP_017153949.1| PREDICTED: myosin heavy chain, muscle isoform X25 [Drosophi
>gi|1036908648|ref|XP 017153954.1| PREDICTED: myosin heavy chain, muscle isoform X29 [Drosophi
>gi|1036908630|ref|XP_017153953.1| PREDICTED: myosin heavy chain, muscle isoform X28 [Drosophi
>gi|1036908612|ref|XP_017153951.1| PREDICTED: myosin heavy chain, muscle isoform X27 [Drosophi
>gi|1036908665|ref|XP_017153955.1| PREDICTED: myosin heavy chain, muscle isoform X30 [Drosophi
>gi|1036930333|ref|XP 017155163.1| PREDICTED: degenerin del-1 [Drosophila miranda]
>gi|1036930297|ref|XP_017155161.1| PREDICTED: protein yellow [Drosophila miranda]
>gi|1036930315|ref|XP_017155162.1| PREDICTED: protein yellow [Drosophila miranda]
>gi|1036878186|ref|XP_017152261.1| PREDICTED: BUB3-interacting and GLEBS motif-containing prote
>gi|1036878226|ref|XP_017152264.1| PREDICTED: U6 snRNA-associated Sm-like protein LSm7 [Drosop
>gi|1036878169|ref|XP_017152260.1| PREDICTED: uncharacterized protein LOC108162180 [Drosophila
>gi|1036878150|ref|XP_017152259.1| PREDICTED: structural maintenance of chromosomes protein 4
>gi|1036878205|ref|XP_017152262.1| PREDICTED: cytosolic Fe-S cluster assembly factor NUBP1 home
>gi|1036929403|ref|XP_017155116.1| PREDICTED: probable proteasome subunit beta type-2 [Drosoph
>gi|1036928978|ref|XP_017155093.1| PREDICTED: COX assembly mitochondrial protein homolog [Dros
>gi|1036928959|ref|XP_017155092.1| PREDICTED: tRNA-splicing endonuclease subunit Sen2 [Drosoph
>gi|1036909461|ref|XP 017153998.1| PREDICTED: V-type proton ATPase subunit H isoform X1 [Droso
>gi|1036909479|ref|XP_017153999.1| PREDICTED: V-type proton ATPase subunit H isoform X2 [Droso
>gi|1036909501|ref|XP 017154000.1| PREDICTED: cytochrome c-2 [Drosophila miranda]
>gi|1036916998|ref|XP_017154419.1| PREDICTED: cytochrome c-1 [Drosophila miranda]
>gi|1036917018|ref|XP 017154420.1| PREDICTED: cytochrome c-1 [Drosophila miranda]
>gi|1036917036|ref|XP_017154421.1| PREDICTED: cytochrome c-1 [Drosophila miranda]
>gi|1036917054|ref|XP_017154422.1| PREDICTED: uncharacterized protein LOC108163566 [Drosophila
>gi|1036862041|ref|XP_017151366.1| PREDICTED: CTD nuclear envelope phosphatase 1 [Drosophila m
>gi|1036918721|ref|XP_017154521.1| PREDICTED: solute carrier family 25 member 36 isoform X1 [D:
>gi|1036918739|ref|XP_017154522.1| PREDICTED: solute carrier family 25 member 36 isoform X2 [Di
>gi|1036891654|ref|XP_017153004.1| PREDICTED: WD repeat-containing and planar cell polarity ef
>gi|1036891711|ref|XP_017153007.1| PREDICTED: 39S ribosomal protein L48, mitochondrial [Drosop
>gi|1036891673|ref|XP_017153005.1| PREDICTED: transmembrane protein 87A [Drosophila miranda]
>gi|1036891692|ref|XP_017153006.1| PREDICTED: F-actin-capping protein subunit beta [Drosophila
>gi|1036905886|ref|XP_017153806.1| PREDICTED: probable tRNA (guanine(26)-N(2))-dimethyltransfer
>gi|1036905899|ref|XP_017153807.1| PREDICTED: uncharacterized protein LOC108163181 [Drosophila
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>gi|1036908239|ref|XP\_017153930.1| PREDICTED: myosin heavy chain, muscle isoform X6 [Drosophile

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>gi|1036905913|ref|XP_017153808.1| PREDICTED: serine/arginine-rich splicing factor 2 [Drosophi
>gi|1036914940|ref|XP_017154296.1| PREDICTED: eukaryotic peptide chain release factor GTP-bind
>gi|1036914958|ref|XP 017154297.1| PREDICTED: eukaryotic peptide chain release factor GTP-bind
>gi|1036914976|ref|XP_017154298.1| PREDICTED: eukaryotic peptide chain release factor GTP-bind
>gi|1036915012|ref|XP_017154300.1| PREDICTED: eukaryotic peptide chain release factor GTP-bind
>gi|1036914994|ref|XP_017154299.1| PREDICTED: eukaryotic peptide chain release factor GTP-bind
>gi|1036927149|ref|XP 017154995.1| PREDICTED: uncharacterized protein LOC108163957 [Drosophila
>gi|1036927111|ref|XP_017154993.1| PREDICTED: LOW QUALITY PROTEIN: solute carrier organic anion
>gi|1036927131|ref|XP_017154994.1| PREDICTED: uncharacterized protein LOC108163956 [Drosophila
>gi|1036872561|ref|XP_017151955.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036872708|ref|XP_017151963.1| PREDICTED: protein bunched, class 2/F/G isoform isoform X7
>gi|1036872689|ref|XP 017151961.1| PREDICTED: protein bunched, class 2/F/G isoform isoform X6
>gi|1036872601|ref|XP_017151957.1| PREDICTED: protein bunched, class 2/F/G isoform isoform X2
>gi|1036872580|ref|XP_017151956.1| PREDICTED: protein bunched, class 2/F/G isoform isoform X1
>gi|1036872743|ref|XP_017151965.1| PREDICTED: protein bunched, class 1/class 3/D/E isoforms is
>gi|1036872762|ref|XP 017151966.1| PREDICTED: protein bunched, class 1/class 3/D/E isoforms is
>gi|1036872780|ref|XP_017151967.1| PREDICTED: protein bunched, class 1/class 3/D/E isoforms is
>gi|1036872724|ref|XP 017151964.1| PREDICTED: protein bunched, class 2/F/G isoform isoform X8
>gi|1036872648|ref|XP_017151959.1| PREDICTED: protein bunched, class 2/F/G isoform isoform X4
>gi|1036872620|ref|XP 017151958.1| PREDICTED: protein bunched, class 2/F/G isoform isoform X3
>gi|1036872669|ref|XP_017151960.1| PREDICTED: protein bunched, class 2/F/G isoform isoform X5
>gi|1036915263|ref|XP 017154318.1| PREDICTED: protein nubbin isoform X1 [Drosophila miranda]
>gi|1036915281|ref|XP_017154319.1| PREDICTED: protein nubbin isoform X2 [Drosophila miranda]
>gi|1036863418|ref|XP_017151442.1| PREDICTED: uncharacterized protein LOC108161650 [Drosophila
>gi|1036913549|ref|XP_017154218.1| PREDICTED: POU domain protein 2 isoform X1 [Drosophila mirated
>gi|1036913585|ref|XP_017154220.1| PREDICTED: neprilysin [Drosophila miranda]
>gi|1036913567|ref|XP_017154219.1| PREDICTED: POU domain protein 2 isoform X2 [Drosophila mirated
>gi|1036913601|ref|XP_017154221.1| PREDICTED: uncharacterized protein LOC108163447 [Drosophila
>gi|1036894033|ref|XP_017153137.1| PREDICTED: leucine-rich repeat and calponin homology domain
>gi|1036894052|ref|XP_017153138.1| PREDICTED: leucine-rich repeat and calponin homology domain
>gi|1036894014|ref|XP_017153136.1| PREDICTED: leucine-rich repeat and calponin homology domain
>gi|1036873520|ref|XP_017152006.1| PREDICTED: restin homolog isoform X1 [Drosophila miranda]
>gi|1036873539|ref|XP 017152007.1| PREDICTED: restin homolog isoform X1 [Drosophila miranda]
>gi|1036873598|ref|XP_017152010.1| PREDICTED: restin homolog isoform X4 [Drosophila miranda]
>gi|1036873578|ref|XP 017152009.1| PREDICTED: restin homolog isoform X3 [Drosophila miranda]
>gi|1036873560|ref|XP_017152008.1| PREDICTED: restin homolog isoform X2 [Drosophila miranda]
>gi|1036873617|ref|XP 017152011.1| PREDICTED: restin homolog isoform X5 [Drosophila miranda]
>gi|1036873636|ref|XP_017152012.1| PREDICTED: restin homolog isoform X6 [Drosophila miranda]
>gi|1036873654|ref|XP_017152013.1| PREDICTED: restin homolog isoform X7 [Drosophila miranda]
>gi|1036873867|ref|XP_017152026.1| PREDICTED: restin homolog isoform X19 [Drosophila miranda]
>gi|1036873670|ref|XP_017152014.1| PREDICTED: restin homolog isoform X8 [Drosophila miranda]
>gi|1036873885|ref|XP_017152027.1| PREDICTED: restin homolog isoform X20 [Drosophila miranda]
>gi|1036873706|ref|XP_017152016.1| PREDICTED: restin homolog isoform X10 [Drosophila miranda]
>gi|1036873922|ref|XP_017152030.1| PREDICTED: restin homolog isoform X22 [Drosophila miranda]
>gi|1036873688|ref|XP_017152015.1| PREDICTED: restin homolog isoform X9 [Drosophila miranda]
>gi|1036873722|ref|XP_017152017.1| PREDICTED: restin homolog isoform X11 [Drosophila miranda]
>gi|1036873903|ref|XP_017152028.1| PREDICTED: restin homolog isoform X21 [Drosophila miranda]
>gi|1036873797|ref|XP_017152022.1| PREDICTED: restin homolog isoform X15 [Drosophila miranda]
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>gi|1036873834|ref|XP_017152024.1| PREDICTED: restin homolog isoform X17 [Drosophila miranda]
>gi|1036873815|ref|XP_017152023.1| PREDICTED: restin homolog isoform X16 [Drosophila miranda]
>gi|1036873849|ref|XP_017152025.1| PREDICTED: restin homolog isoform X18 [Drosophila miranda]
>gi|1036873740|ref|XP_017152019.1| PREDICTED: restin homolog isoform X12 [Drosophila miranda]
>gi|1036873757|ref|XP 017152020.1| PREDICTED: restin homolog isoform X13 [Drosophila miranda]
>gi|1036873774|ref|XP_017152021.1| PREDICTED: restin homolog isoform X14 [Drosophila miranda]
>gi|1036874031|ref|XP_017152036.1| PREDICTED: DNA-directed RNA polymerase II subunit RPB11 [Dr
>gi|1036873995|ref|XP_017152034.1| PREDICTED: putative E3 ubiquitin-protein ligase UBR7 [Droso
>gi|1036874012|ref|XP_017152035.1| PREDICTED: radial spoke head protein 9 homolog [Drosophila i
>gi|1036873976|ref|XP_017152033.1| PREDICTED: dorsal-related immunity factor Dif isoform X2 [Di
>gi|1036873940|ref|XP_017152031.1| PREDICTED: embryonic polarity protein dorsal isoform X1 [Dref|XP_017152031.1]
>gi|1036873957|ref|XP 017152032.1| PREDICTED: embryonic polarity protein dorsal isoform X1 [Dro
>gi|1036929488|ref|XP_017155123.1| PREDICTED: uncharacterized protein LOC108164054 [Drosophila
>gi|1036854865|ref|XP_017150973.1| PREDICTED: uncharacterized protein LOC108161265 [Drosophila
>gi|1036895226|ref|XP_017153206.1| PREDICTED: embryonic polarity protein dorsal-like [Drosophi
>gi|1036895245|ref|XP 017153207.1| PREDICTED: embryonic polarity protein dorsal-like [Drosophi
>gi|1036852646|ref|XP_017150834.1| PREDICTED: embryonic polarity protein dorsal-like, partial
>gi|1036895283|ref|XP 017153209.1| PREDICTED: uncharacterized protein LOC108162809 [Drosophila
>gi|1036895321|ref|XP_017153211.1| PREDICTED: golgin subfamily B member 1-like [Drosophila mire
>gi|1036895302|ref|XP 017153210.1| PREDICTED: short-chain dehydrogenase/reductase family 16C m
>gi|1036895264|ref|XP_017153208.1| PREDICTED: probable ATP-dependent RNA helicase DHX35 [Droso
>gi|1036928741|ref|XP 017155079.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036905711|ref|XP_017153793.1| PREDICTED: uncharacterized protein LOC108163172 [Drosophila
>gi|1036905729|ref|XP_017153794.1| PREDICTED: protein farnesyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranylgeranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/geranyltransferase/gerany
>gi|1036933362|ref|XP_017155329.1| PREDICTED: glutamate receptor ionotropic, kainate 4 [Drosop
>gi|1036920552|ref|XP_017154622.1| PREDICTED: etoposide-induced protein 2.4 homolog isoform X2
>gi|1036920532|ref|XP_017154621.1| PREDICTED: etoposide-induced protein 2.4 isoform X1 [Drosop
>gi|1036857764|ref|XP_017151143.1| PREDICTED: uncharacterized protein LOC108161403 [Drosophila
>gi|1036919616|ref|XP_017154565.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036919634|ref|XP_017154566.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036919472|ref|XP_017154555.1| PREDICTED: eukaryotic translation initiation factor 4E-bind
>gi|1036919454|ref|XP_017154554.1| PREDICTED: eukaryotic translation initiation factor 4E-bind
>gi|1036919436|ref|XP 017154553.1| PREDICTED: eukaryotic translation initiation factor 4E-bind
>gi|1036919418|ref|XP_017154552.1| PREDICTED: eukaryotic translation initiation factor 4E-bind
>gi|1036919400|ref|XP 017154551.1| PREDICTED: eukaryotic translation initiation factor 4E-bind
>gi|1036919380|ref|XP_017154550.1| PREDICTED: eukaryotic translation initiation factor 4E-bind
>gi|1036919344|ref|XP 017154548.1| PREDICTED: eukaryotic translation initiation factor 4E-bind
>gi|1036919362|ref|XP_017154549.1| PREDICTED: eukaryotic translation initiation factor 4E-bind
>gi|1036916329|ref|XP_017154384.1| PREDICTED: uncharacterized protein LOC108163539 isoform X1
>gi|1036916346|ref|XP_017154385.1| PREDICTED: uncharacterized protein LOC108163539 isoform X2
>gi|1036924364|ref|XP_017154840.1| PREDICTED: protein grindelwald isoform X1 [Drosophila miran
>gi|1036924381|ref|XP_017154841.1| PREDICTED: protein grindelwald isoform X2 [Drosophila mirane
>gi|1036900003|ref|XP_017153472.1| PREDICTED: chondroitin sulfate proteoglycan 4 [Drosophila m
>gi|1036900018|ref|XP_017153473.1| PREDICTED: chondroitin sulfate proteoglycan 4 [Drosophila m
>gi|1036900032|ref|XP_017153474.1| PREDICTED: chondroitin sulfate proteoglycan 4 [Drosophila m
>gi|1036900062|ref|XP_017153476.1| PREDICTED: UDP-glucuronosyltransferase 2B13 [Drosophila mire
>gi|1036900047|ref|XP_017153475.1| PREDICTED: uncharacterized protein LOC108162980 [Drosophila
>gi|1036931198|ref|XP_017155210.1| PREDICTED: uncharacterized protein LOC108164124 [Drosophila
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>gi|1036931216|ref|XP_017155211.1| PREDICTED: uncharacterized protein LOC108164124 [Drosophila
>gi|1036898375|ref|XP_017153383.1| PREDICTED: dual 3',5'-cyclic-AMP and -GMP phosphodiesterase
>gi|1036898356|ref|XP_017153382.1| PREDICTED: dual 3',5'-cyclic-AMP and -GMP phosphodiesterase
>gi|1036898395|ref|XP_017153384.1| PREDICTED: dual 3',5'-cyclic-AMP and -GMP phosphodiesterase
>gi|1036854883|ref|XP 017150974.1| PREDICTED: mitochondrial import receptor subunit TOM20 homo
>gi|1036911367|ref|XP_017154092.1| PREDICTED: uncharacterized protein LOC108163359 isoform X1
>gi|1036911385|ref|XP 017154093.1| PREDICTED: uncharacterized protein LOC108163359 isoform X2
>gi|1036857113|ref|XP_017151108.1| PREDICTED: basic helix-loop-helix transcription factor amos
>gi|1036886680|ref|XP_017152721.1| PREDICTED: solute carrier family 12 member 9 [Drosophila mi
>gi|1036886697|ref|XP_017152722.1| PREDICTED: probable ATP-dependent RNA helicase DDX23 [Droso
>gi|1036886716|ref|XP_017152723.1| PREDICTED: cysteine-rich protein 2-binding protein [Drosoph
>gi|1036892359|ref|XP_017153044.1| PREDICTED: 60S ribosomal protein L44 [Drosophila miranda]
>gi|1036892343|ref|XP_017153043.1| PREDICTED: WASH complex subunit CCDC53 homolog [Drosophila i
>gi|1036892326|ref|XP_017153042.1| PREDICTED: striatin-3 isoform X4 [Drosophila miranda]
>gi|1036892290|ref|XP_017153040.1| PREDICTED: striatin isoform X2 [Drosophila miranda]
>gi|1036892307|ref|XP_017153041.1| PREDICTED: striatin-4 isoform X3 [Drosophila miranda]
>gi|1036892237|ref|XP_017153037.1| PREDICTED: striatin-4 isoform X1 [Drosophila miranda]
>gi|1036892256|ref|XP_017153038.1| PREDICTED: striatin-4 isoform X1 [Drosophila miranda]
>gi|1036892273|ref|XP_017153039.1| PREDICTED: striatin-4 isoform X1 [Drosophila miranda]
>gi|1036892371|ref|XP 017153046.1| PREDICTED: barrier-to-autointegration factor [Drosophila min
>gi|1036920799|ref|XP_017154638.1| PREDICTED: uncharacterized protein LOC108163707 isoform X1
>gi|1036920817|ref|XP 017154639.1| PREDICTED: uncharacterized protein LOC108163707 isoform X2
>gi|1036920835|ref|XP_017154640.1| PREDICTED: LOW QUALITY PROTEIN: protein mitoshell [Drosophi
>gi|1036866448|ref|XP_017151603.1| PREDICTED: LOW QUALITY PROTEIN: multidrug resistance-associations
>gi|1036866562|ref|XP_017151610.1| PREDICTED: coiled-coil domain-containing protein 97 [Drosop
>gi|1036866507|ref|XP_017151606.1| PREDICTED: methyltransferase-like protein 14 homolog [Droso
>gi|1036866579|ref|XP_017151611.1| PREDICTED: tumor suppressor candidate 3 [Drosophila miranda]
>gi|1036866615|ref|XP_017151614.1| PREDICTED: polyprenol reductase [Drosophila miranda]
>gi|1036866544|ref|XP_017151609.1| PREDICTED: epsilon-sarcoglycan isoform X2 [Drosophila mirane
>gi|1036866526|ref|XP_017151608.1| PREDICTED: epsilon-sarcoglycan isoform X1 [Drosophila miran-
>gi|1036866597|ref|XP_017151613.1| PREDICTED: dolichyl-phosphate beta-glucosyltransferase [Drop
>gi|1036866467|ref|XP_017151604.1| PREDICTED: tyrosine-protein kinase Btk29A isoform X1 [Droso
>gi|1036866488|ref|XP_017151605.1| PREDICTED: tyrosine-protein kinase Btk29A isoform X2 [Droso
>gi|1036921649|ref|XP_017154688.1| PREDICTED: uncharacterized protein LOC108163740 isoform X1
>gi|1036921667|ref|XP 017154689.1| PREDICTED: uncharacterized protein LOC108163740 isoform X2
>gi|1036921737|ref|XP_017154694.1| PREDICTED: uncharacterized protein LOC108163740 isoform X6
>gi|1036921719|ref|XP_017154692.1| PREDICTED: extensin-2 isoform X5 [Drosophila miranda]
>gi|1036921703|ref|XP_017154691.1| PREDICTED: uncharacterized protein LOC108163740 isoform X4
>gi|1036921773|ref|XP_017154696.1| PREDICTED: uncharacterized protein LOC108163740 isoform X8
>gi|1036921755|ref|XP_017154695.1| PREDICTED: uncharacterized protein LOC108163740 isoform X7
>gi|1036921794|ref|XP_017154697.1| PREDICTED: uncharacterized protein LOC108163740 isoform X9
>gi|1036921685|ref|XP_017154690.1| PREDICTED: uncharacterized protein LOC108163740 isoform X3
>gi|1036921811|ref|XP 017154698.1| PREDICTED: uncharacterized protein LOC108163742 [Drosophila
>gi|1036854902|ref|XP_017150976.1| PREDICTED: outer dense fiber protein 3-like protein 2 [Dros
>gi|1036858849|ref|XP_017151188.1| PREDICTED: uncharacterized protein LOC108161436 [Drosophila
>gi|1036858830|ref|XP_017151187.1| PREDICTED: uncharacterized protein LOC108161435 [Drosophila
>gi|1036913153|ref|XP_017154194.1| PREDICTED: vascular endothelial growth factor receptor 3 is
>gi|1036912974|ref|XP_017154183.1| PREDICTED: vascular endothelial growth factor receptor 1 is
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>gi|1036912993|ref|XP_017154184.1| PREDICTED: vascular endothelial growth factor receptor 1 is
>gi|1036913013|ref|XP_017154185.1| PREDICTED: vascular endothelial growth factor receptor 1 is
>gi|1036913100|ref|XP_017154191.1| PREDICTED: vascular endothelial growth factor receptor 1 is
>gi|1036913082|ref|XP_017154190.1| PREDICTED: vascular endothelial growth factor receptor 1 is
>gi|1036913049|ref|XP 017154188.1| PREDICTED: vascular endothelial growth factor receptor 1 is
>gi|1036913118|ref|XP_017154192.1| PREDICTED: vascular endothelial growth factor receptor 3 is
>gi|1036913031|ref|XP 017154187.1| PREDICTED: vascular endothelial growth factor receptor 1 is
>gi|1036913136|ref|XP_017154193.1| PREDICTED: vascular endothelial growth factor receptor 3 is
>gi|1036913064|ref|XP_017154189.1| PREDICTED: vascular endothelial growth factor receptor 1 is
>gi|1036894619|ref|XP_017153170.1| PREDICTED: sorting nexin-32 isoform X1 [Drosophila miranda]
>gi|1036894637|ref|XP_017153172.1| PREDICTED: sorting nexin-32 isoform X2 [Drosophila miranda]
>gi|1036894656|ref|XP_017153173.1| PREDICTED: uncharacterized protein LOC108162784 [Drosophila
>gi|1036894677|ref|XP_017153174.1| PREDICTED: cytidine deaminase [Drosophila miranda]
>gi|1036894773|ref|XP_017153179.1| PREDICTED: cytidine deaminase [Drosophila miranda]
>gi|1036894794|ref|XP_017153180.1| PREDICTED: cytidine deaminase [Drosophila miranda]
>gi|1036894736|ref|XP_017153177.1| PREDICTED: transmembrane protein 222 isoform X1 [Drosophila
>gi|1036894754|ref|XP_017153178.1| PREDICTED: transmembrane protein 222 isoform X2 [Drosophila
>gi|1036894813|ref|XP_017153181.1| PREDICTED: RNA polymerase II transcriptional coactivator [Di
>gi|1036894696|ref|XP_017153175.1| PREDICTED: heterochromatin protein 1 isoform X1 [Drosophila
>gi|1036894717|ref|XP 017153176.1| PREDICTED: heterochromatin protein 1 isoform X2 [Drosophila
>gi|1036894600|ref|XP_017153169.1| PREDICTED: tripartite motif-containing protein 45 [Drosophi
>gi|1036905091|ref|XP 017153756.1| PREDICTED: sodium-coupled monocarboxylate transporter 2-like
>gi|1036854924|ref|XP_017150977.1| PREDICTED: LOW QUALITY PROTEIN: sodium-coupled monocarboxyl
>gi|1036905129|ref|XP_017153759.1| PREDICTED: metallophosphoesterase 1 homolog [Drosophila mire
>gi|1036905109|ref|XP_017153758.1| PREDICTED: chitinase domain-containing protein 1 [Drosophile
>gi|1036891113|ref|XP_017152971.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036891130|ref|XP_017152972.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036891167|ref|XP_017152975.1| PREDICTED: uncharacterized protein LOC108162653 [Drosophila
>gi|1036891186|ref|XP_017152976.1| PREDICTED: uncharacterized protein LOC108162654 [Drosophila
>gi|1036891203|ref|XP_017152978.1| PREDICTED: uncharacterized protein LOC108162655 [Drosophila
>gi|1036891148|ref|XP_017152974.1| PREDICTED: trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
>gi|1036915509|ref|XP_017154334.1| PREDICTED: trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
>gi|1036915491|ref|XP_017154333.1| PREDICTED: uncharacterized protein LOC108163512 [Drosophila
>gi|1036913169|ref|XP_017154195.1| PREDICTED: ras-related protein Rab-5B [Drosophila miranda]
>gi|1036913187|ref|XP 017154197.1| PREDICTED: ras-related protein Rab-5B [Drosophila miranda]
>gi|1036913207|ref|XP_017154198.1| PREDICTED: ras-related protein RABF2a-like [Drosophila mirated protein RABF2a-like [Drosoph
>gi|1036911011|ref|XP_017154073.1| PREDICTED: protein eyes shut [Drosophila miranda]
>gi|1036911027|ref|XP_017154074.1| PREDICTED: lanC-like protein 3 homolog [Drosophila miranda]
>gi|1036911082|ref|XP_017154077.1| PREDICTED: MKRN2 opposite strand protein [Drosophila mirand
>gi|1036911100|ref|XP_017154078.1| PREDICTED: MKRN2 opposite strand protein [Drosophila mirand
>gi|1036911122|ref|XP_017154079.1| PREDICTED: MKRN2 opposite strand protein [Drosophila mirand
>gi|1036911196|ref|XP_017154084.1| PREDICTED: protein PRY1 [Drosophila miranda]
>gi|1036854938|ref|XP 017150978.1| PREDICTED: uncharacterized protein LOC108161269 [Drosophila
>gi|1036911064|ref|XP_017154076.1| PREDICTED: serine/threonine-protein phosphatase 4 catalytic
>gi|1036911160|ref|XP_017154081.1| PREDICTED: vesicle-associated membrane protein-associated p
>gi|1036911214|ref|XP_017154085.1| PREDICTED: dynein light chain roadblock-type 2 [Drosophila 1
>gi|1036854955|ref|XP_017150979.1| PREDICTED: myosin-2 essential light chain [Drosophila miran-
>gi|1036911046|ref|XP_017154075.1| PREDICTED: uncharacterized protein LOC108163346 [Drosophila
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>gi|1036911140|ref|XP_017154080.1| PREDICTED: trypsin alpha-like [Drosophila miranda]
>gi|1036911178|ref|XP_017154083.1| PREDICTED: Golgi-associated plant pathogenesis-related protests
>gi|1036859125|ref|XP_017151203.1| PREDICTED: longitudinals lacking protein-like [Drosophila m
>gi|1036859146|ref|XP_017151205.1| PREDICTED: uncharacterized protein LOC108161454 [Drosophila
>gi|1036930681|ref|XP 017155183.1| PREDICTED: nardilysin-like [Drosophila miranda]
>gi|1036856532|ref|XP_017151073.1| PREDICTED: probable nuclear transport factor 2 isoform X2 [
>gi|1036856515|ref|XP 017151072.1| PREDICTED: probable nuclear transport factor 2 isoform X1 [
>gi|1036898885|ref|XP_017153411.1| PREDICTED: endochitinase A1-like [Drosophila miranda]
>gi|1036898903|ref|XP_017153412.1| PREDICTED: phospholipase A1 2 [Drosophila miranda]
>gi|1036898924|ref|XP_017153413.1| PREDICTED: endonuclease G, mitochondrial-like [Drosophila m
>gi|1036898867|ref|XP_017153410.1| PREDICTED: protein transport protein Sec24C [Drosophila mire
>gi|1036875289|ref|XP 017152106.1| PREDICTED: Golgi phosphoprotein 3 homolog sauron [Drosophile
>gi|1036875371|ref|XP_017152111.1| PREDICTED: protein C10 [Drosophila miranda]
>gi|1036875235|ref|XP_017152103.1| PREDICTED: tudor and KH domain-containing protein [Drosophi
>gi|1036875254|ref|XP_017152104.1| PREDICTED: tudor and KH domain-containing protein [Drosophi
>gi|1036875270|ref|XP_017152105.1| PREDICTED: tudor and KH domain-containing protein [Drosophi
>gi|1036875191|ref|XP_017152101.1| PREDICTED: WD repeat-containing protein mio [Drosophila mire
>gi|1036875392|ref|XP_017152112.1| PREDICTED: protein CEBPZOS [Drosophila miranda]
>gi|1036875408|ref|XP_017152113.1| PREDICTED: uncharacterized protein LOC108162076 [Drosophila
>gi|1036875306|ref|XP 017152107.1| PREDICTED: uncharacterized protein LOC108162071 [Drosophila
>gi|1036875352|ref|XP_017152110.1| PREDICTED: uncharacterized protein LOC108162073 [Drosophila
>gi|1036875333|ref|XP_017152108.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase [Drosophile
>gi|1036875209|ref|XP_017152102.1| PREDICTED: 2-phosphoxylose phosphatase 1 [Drosophila mirand
>gi|1036932424|ref|XP_017155276.1| PREDICTED: cytochrome c oxidase subunit 7A1, mitochondrial
>gi|1036922653|ref|XP_017154751.1| PREDICTED: uncharacterized protein LOC108163783 isoform X1
>gi|1036922666|ref|XP_017154752.1| PREDICTED: uncharacterized protein LOC108163783 isoform X2
>gi|1036922680|ref|XP_017154753.1| PREDICTED: coiled-coil domain-containing protein 28B isoform
>gi|1036922695|ref|XP_017154754.1| PREDICTED: coiled-coil domain-containing protein 28B isoform
>gi|1036882549|ref|XP_017152495.1| PREDICTED: folylpolyglutamate synthase, mitochondrial-like
>gi|1036882512|ref|XP_017152493.1| PREDICTED: ets DNA-binding protein pokkuri [Drosophila mirat
>gi|1036882531|ref|XP_017152494.1| PREDICTED: ets DNA-binding protein pokkuri [Drosophila mirat
>gi|1036882568|ref|XP_017152496.1| PREDICTED: uncharacterized protein LOC108162323 [Drosophila
>gi|1036882494|ref|XP 017152492.1| PREDICTED: putative apoptosis-inducing factor 1, mitochondr
>gi|1036882477|ref|XP_017152491.1| PREDICTED: putative apoptosis-inducing factor 1, mitochondr
>gi|1036904916|ref|XP 017153746.1| PREDICTED: tubulin-specific chaperone D [Drosophila miranda
>gi|1036904934|ref|XP_017153747.1| PREDICTED: uncharacterized SDCCAG3 family protein [Drosophi
>gi|1036885082|ref|XP 017152639.1| PREDICTED: THO complex subunit 2 [Drosophila miranda]
>gi|1036885100|ref|XP_017152640.1| PREDICTED: glycogen phosphorylase [Drosophila miranda]
>gi|1036914922|ref|XP_017154295.1| PREDICTED: leucine-rich PPR motif-containing protein, mitoc
>gi|1036910851|ref|XP_017154065.1| PREDICTED: pre-mRNA-splicing factor CWC22 homolog [Drosophi
>gi|1036920137|ref|XP_017154596.1| PREDICTED: 40S ribosomal protein S26 [Drosophila miranda]
>gi|1036920119|ref|XP_017154595.1| PREDICTED: pyruvate dehydrogenase E1 component subunit alpha
>gi|1036861429|ref|XP_017151332.1| PREDICTED: male accessory gland serine protease inhibitor-1
>gi|1036861411|ref|XP_017151331.1| PREDICTED: male accessory gland serine protease inhibitor-1
>gi|1036890949|ref|XP_017152961.1| PREDICTED: fasciclin-3 isoform X3 [Drosophila miranda]
>gi|1036890931|ref|XP_017152960.1| PREDICTED: fasciclin-3 isoform X2 [Drosophila miranda]
>gi|1036890985|ref|XP_017152963.1| PREDICTED: fasciclin-3 isoform X5 [Drosophila miranda]
>gi|1036890893|ref|XP_017152958.1| PREDICTED: fasciclin-3 isoform X1 [Drosophila miranda]
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>gi|1036890912|ref|XP_017152959.1| PREDICTED: fasciclin-3 isoform X1 [Drosophila miranda]
>gi|1036890967|ref|XP_017152962.1| PREDICTED: fasciclin-3 isoform X4 [Drosophila miranda]
>gi|1036891003|ref|XP_017152965.1| PREDICTED: factor V activator RVV-V alpha [Drosophila mirane
>gi|1036932974|ref|XP_017155308.1| PREDICTED: cell division cycle 7-related protein kinase [Dr
>gi|1036860505|ref|XP_017151278.1| PREDICTED: transmembrane emp24 domain-containing protein 1
>gi|1036857928|ref|XP_017151151.1| PREDICTED: serine/threonine-protein kinase polo-like [Droso
>gi|1036907080|ref|XP 017153872.1| PREDICTED: uncharacterized protein LOC108163227 [Drosophila
>gi|1036907098|ref|XP_017153873.1| PREDICTED: G2/mitotic-specific cyclin-B-like [Drosophila mi
>gi|1036907154|ref|XP_017153877.1| PREDICTED: uncharacterized protein LOC108163230 isoform X2
>gi|1036907134|ref|XP_017153876.1| PREDICTED: uncharacterized protein LOC108163230 isoform X1
>gi|1036907172|ref|XP_017153878.1| PREDICTED: chymotrypsin inhibitor SCI-III-like [Drosophila 1
>gi|1036907045|ref|XP_017153870.1| PREDICTED: uncharacterized protein LOC108163224 [Drosophila
>gi|1036907117|ref|XP_017153875.1| PREDICTED: caltractin [Drosophila miranda]
>gi|1036907062|ref|XP_017153871.1| PREDICTED: receptor-type tyrosine-protein phosphatase kappa
>gi|1036918149|ref|XP_017154488.1| PREDICTED: jmjC domain-containing protein 4 homolog [Drosop
>gi|1036918184|ref|XP_017154490.1| PREDICTED: uncharacterized protein LOC108163612 [Drosophila
>gi|1036918202|ref|XP_017154492.1| PREDICTED: uncharacterized protein LOC108163613 [Drosophila
>gi|1036918167|ref|XP_017154489.1| PREDICTED: uncharacterized protein LOC108163611 [Drosophila
>gi|1036857132|ref|XP_017151109.1| PREDICTED: uncharacterized protein LOC108161373 [Drosophila
>gi|1036857151|ref|XP_017151110.1| PREDICTED: uncharacterized protein LOC108161373 [Drosophila
>gi|1036857170|ref|XP_017151111.1| PREDICTED: uncharacterized protein LOC108161373 [Drosophila
>gi|1036934575|ref|XP 017155395.1| PREDICTED: protein glass [Drosophila miranda]
>gi|1036864724|ref|XP_017151507.1| PREDICTED: transcription factor hamlet isoform X1 [Drosophi
>gi|1036864743|ref|XP_017151509.1| PREDICTED: transcription factor hamlet isoform X2 [Drosophi
>gi|1036864947|ref|XP_017151521.1| PREDICTED: uncharacterized protein LOC108161712 [Drosophila
>gi|1036864966|ref|XP_017151522.1| PREDICTED: uncharacterized protein LOC108161713 [Drosophila
>gi|1036864985|ref|XP_017151523.1| PREDICTED: uncharacterized protein LOC108161714 [Drosophila
>gi|1036864928|ref|XP_017151519.1| PREDICTED: uncharacterized protein LOC108161711 [Drosophila
>gi|1036854974|ref|XP_017150980.1| PREDICTED: UDP-glucuronosyltransferase 1-3 [Drosophila mirated
>gi|1036864873|ref|XP_017151516.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1036864817|ref|XP_017151513.1| PREDICTED: UDP-glucuronosyltransferase 2B17 isoform X1 [Drop
>gi|1036864836|ref|XP_017151514.1| PREDICTED: UDP-glucuronosyltransferase 2B17 isoform X1 [Drop
>gi|1036864855|ref|XP_017151515.1| PREDICTED: UDP-glucuronosyltransferase 2B17 isoform X2 [Dros
>gi|1036864910|ref|XP_017151518.1| PREDICTED: non-specific lipid-transfer protein [Drosophila 1
>gi|1036864706|ref|XP 017151506.1| PREDICTED: condensin complex subunit 1 [Drosophila miranda]
>gi|1036864798|ref|XP_017151512.1| PREDICTED: non-specific lipid-transfer protein [Drosophila 1
>gi|1036864668|ref|XP_017151504.1| PREDICTED: uncharacterized protein LOC108161701 isoform X2
>gi|1036864687|ref|XP_017151505.1| PREDICTED: uncharacterized protein LOC108161701 isoform X3
>gi|1036864652|ref|XP_017151503.1| PREDICTED: uncharacterized protein LOC108161701 isoform X1
>gi|1036864781|ref|XP_017151511.1| PREDICTED: tubulin polyglutamylase TTLL4 isoform X2 [Drosop
>gi|1036864762|ref|XP_017151510.1| PREDICTED: tubulin polyglutamylase TTLL4 isoform X1 [Drosop
>gi|1036864891|ref|XP_017151517.1| PREDICTED: fork head domain transcription factor slp2 [Dros
>gi|1036929506|ref|XP_017155124.1| PREDICTED: fork head domain transcription factor slp1 [Dros
>gi|1036859184|ref|XP_017151207.1| PREDICTED: uncharacterized protein LOC108161456 [Drosophila
>gi|1036892390|ref|XP_017153047.1| PREDICTED: uncharacterized protein LOC108162703 [Drosophila
>gi|1036892444|ref|XP_017153050.1| PREDICTED: CCR4-NOT transcription complex subunit 3 isoform
>gi|1036892462|ref|XP_017153051.1| PREDICTED: CCR4-NOT transcription complex subunit 3 isoform
>gi|1036892481|ref|XP_017153052.1| PREDICTED: CCR4-NOT transcription complex subunit 3 isoform
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>gi|1036892425|ref|XP_017153049.1| PREDICTED: protein bark beetle isoform X2 [Drosophila miran-
>gi|1036892408|ref|XP_017153048.1| PREDICTED: protein bark beetle isoform X1 [Drosophila miran-
>gi|1036914393|ref|XP_017154262.1| PREDICTED: protein bowel [Drosophila miranda]
>gi|1036914411|ref|XP_017154263.1| PREDICTED: protein bowel [Drosophila miranda]
>gi|1036914430|ref|XP 017154264.1| PREDICTED: proteasome subunit alpha type-3-like [Drosophila
>gi|1036929122|ref|XP_017155101.1| PREDICTED: uncharacterized protein LOC108164033 isoform X4
>gi|1036929104|ref|XP 017155100.1| PREDICTED: uncharacterized protein LOC108164033 isoform X3
>gi|1036929087|ref|XP_017155099.1| PREDICTED: uncharacterized protein LOC108164033 isoform X2
>gi|1036929065|ref|XP_017155098.1| PREDICTED: uncharacterized protein LOC108164033 isoform X1
>gi|1036931786|ref|XP_017155244.1| PREDICTED: monocarboxylate transporter 8 [Drosophila mirand
>gi|1036931804|ref|XP_017155245.1| PREDICTED: uncharacterized protein LOC108164152 [Drosophila
>gi|1036929544|ref|XP 017155126.1| PREDICTED: potassium voltage-gated channel protein Shaw iso
>gi|1036929575|ref|XP_017155128.1| PREDICTED: potassium voltage-gated channel protein Shaw iso
>gi|1036929561|ref|XP_017155127.1| PREDICTED: potassium voltage-gated channel protein Shaw iso:
>gi|1036929613|ref|XP_017155130.1| PREDICTED: potassium voltage-gated channel protein Shaw iso:
>gi|1036929595|ref|XP_017155129.1| PREDICTED: potassium voltage-gated channel protein Shaw iso:
>gi|1036900092|ref|XP_017153478.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 [
>gi|1036900107|ref|XP_017153479.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 [
>gi|1036900122|ref|XP_017153480.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 [
>gi|1036900077|ref|XP 017153477.1| PREDICTED: chromosome transmission fidelity protein 18 homo
>gi|1036900139|ref|XP_017153481.1| PREDICTED: uncharacterized protein LOC108162985 [Drosophila
>gi|1036900158|ref|XP 017153483.1| PREDICTED: uncharacterized protein LOC108162986 [Drosophila
>gi|1036900177|ref|XP_017153484.1| PREDICTED: chymotrypsin inhibitor SCI-I [Drosophila miranda]
>gi|1036925164|ref|XP_017154879.1| PREDICTED: kunitz-type U1-aranetoxin-Av1a [Drosophila mirane
>gi|1036925146|ref|XP_017154878.1| PREDICTED: kunitz-type protease inhibitor 3 [Drosophila mire
>gi|1036925192|ref|XP_017154881.1| PREDICTED: male accessory gland serine protease inhibitor-1
>gi|1036925203|ref|XP_017154882.1| PREDICTED: male accessory gland serine protease inhibitor-1
>gi|1036925231|ref|XP_017154883.1| PREDICTED: male accessory gland serine protease inhibitor-1
>gi|1036925249|ref|XP_017154885.1| PREDICTED: kunitz-type serine protease inhibitor 2-like iso
>gi|1036925176|ref|XP_017154880.1| PREDICTED: male accessory gland serine protease inhibitor-1
>gi|1036925267|ref|XP_017154886.1| PREDICTED: male accessory gland serine protease inhibitor-1
>gi|1036862762|ref|XP_017151406.1| PREDICTED: male accessory gland serine protease inhibitor [
>gi|1036860265|ref|XP 017151268.1| PREDICTED: chymotrypsin inhibitor SCI-II-like [Drosophila m
>gi|1036934438|ref|XP_017155386.1| PREDICTED: homeobox protein aristaless [Drosophila miranda]
>gi|1036884988|ref|XP 017152634.1| PREDICTED: cGMP-dependent protein kinase, isozyme 2 forms c
>gi|1036885007|ref|XP_017152636.1| PREDICTED: cGMP-dependent protein kinase, isozyme 2 forms c
>gi|1036885045|ref|XP 017152638.1| PREDICTED: PI-actitoxin-Aeq3a [Drosophila miranda]
>gi|1036885026|ref|XP_017152637.1| PREDICTED: UDP-glucuronosyltransferase [Drosophila miranda]
>gi|1036923660|ref|XP_017154800.1| PREDICTED: protein odd-skipped [Drosophila miranda]
>gi|1036925463|ref|XP_017154897.1| PREDICTED: protein sister of odd and bowel [Drosophila mirated]
>gi|1036920889|ref|XP_017154643.1| PREDICTED: protein drumstick [Drosophila miranda]
>gi|1036920909|ref|XP_017154645.1| PREDICTED: protein drumstick [Drosophila miranda]
>gi|1036857726|ref|XP_017151140.1| PREDICTED: intraflagellar transport protein 57 homolog isof
>gi|1036857745|ref|XP_017151141.1| PREDICTED: intraflagellar transport protein 57 homolog isof
>gi|1036894870|ref|XP_017153185.1| PREDICTED: protein Spindly [Drosophila miranda]
>gi|1036894889|ref|XP_017153186.1| PREDICTED: uncharacterized protein LOC108162795 [Drosophila
>gi|1036894908|ref|XP_017153187.1| PREDICTED: centromere protein F [Drosophila miranda]
>gi|1036894927|ref|XP_017153188.1| PREDICTED: uncharacterized protein LOC108162797 [Drosophila
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>gi|1036894946|ref|XP_017153189.1| PREDICTED: coiled-coil domain-containing protein 47 [Drosop
>gi|1036895571|ref|XP_017153225.1| PREDICTED: leucine--tRNA ligase, cytoplasmic [Drosophila mi
>gi|1036895590|ref|XP_017153226.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1036895514|ref|XP_017153222.1| PREDICTED: protein timeless [Drosophila miranda]
>gi|1036895533|ref|XP 017153223.1| PREDICTED: protein timeless [Drosophila miranda]
>gi|1036895552|ref|XP_017153224.1| PREDICTED: protein timeless [Drosophila miranda]
>gi|1036933430|ref|XP 017155334.1| PREDICTED: uncharacterized protein LOC108164213 isoform X1
>gi|1036933450|ref|XP_017155335.1| PREDICTED: extensin isoform X2 [Drosophila miranda]
>gi|1036929385|ref|XP_017155115.1| PREDICTED: eukaryotic translation initiation factor 4E-bind
>gi|1036920928|ref|XP_017154646.1| PREDICTED: N-acetylgalactosaminyltransferase 4 [Drosophila 1
>gi|1036920944|ref|XP_017154647.1| PREDICTED: N-acetylgalactosaminyltransferase 4-like [Drosop
>gi|1036912081|ref|XP_017154130.1| PREDICTED: ATP-dependent DNA helicase PIF1 [Drosophila mirate
>gi|1036912099|ref|XP_017154131.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplet
>gi|1036911403|ref|XP_017154094.1| PREDICTED: uncharacterized protein LOC108163360 isoform X1
>gi|1036911421|ref|XP_017154095.1| PREDICTED: uncharacterized protein LOC108163360 isoform X2
>gi|1036911499|ref|XP_017154099.1| PREDICTED: structural maintenance of chromosomes protein 6-
>gi|1036911461|ref|XP_017154097.1| PREDICTED: structural maintenance of chromosomes protein 6-
>gi|1036911479|ref|XP 017154098.1| PREDICTED: structural maintenance of chromosomes protein 6-
>gi|1036911521|ref|XP_017154100.1| PREDICTED: trypsin inhibitor-like [Drosophila miranda]
>gi|1036911441|ref|XP 017154096.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036884033|ref|XP_017152583.1| PREDICTED: BTB/POZ domain-containing protein 9 [Drosophila i
>gi|1036884147|ref|XP 017152589.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036884128|ref|XP_017152588.1| PREDICTED: probable small nuclear ribonucleoprotein E [Dros
>gi|1036884014|ref|XP 017152581.1| PREDICTED: uncharacterized protein LOC108162376 isoform X2
>gi|1036883978|ref|XP_017152579.1| PREDICTED: uncharacterized protein LOC108162376 isoform X1
>gi|1036883997|ref|XP_017152580.1| PREDICTED: uncharacterized protein LOC108162376 isoform X1
>gi|1036884109|ref|XP_017152587.1| PREDICTED: uncharacterized protein LOC108162381 [Drosophila
>gi|1036884090|ref|XP_017152586.1| PREDICTED: proline-rich extensin-like protein EPR1 [Drosoph
>gi|1036883941|ref|XP_017152577.1| PREDICTED: kinesin-like protein GA13060 [Drosophila miranda
>gi|1036883960|ref|XP_017152578.1| PREDICTED: kinesin-like protein GA13060 [Drosophila miranda]
>gi|1036884071|ref|XP_017152585.1| PREDICTED: uncharacterized protein LOC108162379 [Drosophila
>gi|1036884052|ref|XP_017152584.1| PREDICTED: serine/threonine-protein phosphatase PP2A [Droso
>gi|1036929140|ref|XP 017155102.1| PREDICTED: uncharacterized protein LOC108164034 [Drosophila
>gi|1036901913|ref|XP_017153581.1| PREDICTED: guanine nucleotide-binding protein subunit beta-
>gi|1036901895|ref|XP 017153580.1| PREDICTED: protein phosphatase 1L [Drosophila miranda]
>gi|1036901929|ref|XP_017153582.1| PREDICTED: histidine triad nucleotide-binding protein 3 [Dr
>gi|1036932312|ref|XP_017155269.1| PREDICTED: serine proteases 1/2 isoform X2 [Drosophila mirates
>gi|1036932290|ref|XP_017155268.1| PREDICTED: serine proteases 1/2 isoform X1 [Drosophila mirates
>gi|1036854993|ref|XP_017150981.1| PREDICTED: uncharacterized protein LOC108161272 [Drosophila
>gi|1036918002|ref|XP_017154480.1| PREDICTED: F-box/LRR-repeat protein 15 isoform X2 [Drosophi
>gi|1036917985|ref|XP_017154479.1| PREDICTED: F-box/LRR-repeat protein 15 isoform X1 [Drosophi
>gi|1036917967|ref|XP_017154478.1| PREDICTED: geranylgeranyl transferase type-1 subunit beta [
>gi|1036920476|ref|XP_017154617.1| PREDICTED: probable 39S ribosomal protein L24, mitochondria
>gi|1036920456|ref|XP_017154616.1| PREDICTED: uncharacterized protein LOC108163694 isoform X2
>gi|1036920438|ref|XP_017154615.1| PREDICTED: uncharacterized protein LOC108163694 isoform X1
>gi|1036920420|ref|XP_017154614.1| PREDICTED: P protein [Drosophila miranda]
>gi|1036912265|ref|XP_017154141.1| PREDICTED: P protein isoform X1 [Drosophila miranda]
>gi|1036912282|ref|XP_017154142.1| PREDICTED: P protein isoform X2 [Drosophila miranda]
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>gi|1036903103|ref|XP_017153647.1| PREDICTED: uncharacterized protein LOC108163078 [Drosophila
>gi|1036874068|ref|XP_017152038.1| PREDICTED: serine/threonine-protein kinase RIO3 [Drosophila
>gi|1036874145|ref|XP_017152041.1| PREDICTED: chorion transcription factor Cf2 isoform X1 [Dros
>gi|1036874164|ref|XP_017152042.1| PREDICTED: chorion transcription factor Cf2 isoform X2 [Dros
>gi|1036874182|ref|XP 017152043.1| PREDICTED: chorion transcription factor Cf2 isoform X3 [Drop
>gi|1036874200|ref|XP_017152044.1| PREDICTED: chorion transcription factor Cf2 isoform X3 [Drop
>gi|1036874219|ref|XP 017152046.1| PREDICTED: chorion transcription factor Cf2 isoform X3 [Drop
>gi|1036855012|ref|XP_017150982.1| PREDICTED: probable G-protein coupled receptor 158 [Drosoph
>gi|1036855033|ref|XP 017150983.1| PREDICTED: uncharacterized protein LOC108161275 [Drosophila
>gi|1036874087|ref|XP_017152039.1| PREDICTED: vacuolar fusion protein MON1 homolog A [Drosophi
In [44]: ## Redirección de la salida a un archivo
         grep ">" protein.fa > resultados.txt
         11
total 25M
-rwxrwxr-x 1 4.5M 10-01 21:22 genoma.fna
-rw-rw-r-- 1
               0 10-01 21:06 mundo.txt
-rw-rw-r-- 1 18M 10-01 21:32 protein.fa
-rw-rw-r-- 1 2.4M 10-01 21:40 resultados.txt
In [41]: cat resultados.txt
>gi|1036701783|ref|XP_017155988.1| PREDICTED: LOW QUALITY PROTEIN: ATP-dependent RNA helicase
>gi|1036701631|ref|XP_017155883.1| PREDICTED: LOW QUALITY PROTEIN: probable cytochrome P450 31
>gi|1036701733|ref|XP_017155947.1| PREDICTED: uncharacterized protein LOC108164616 [Drosophila
>gi|1036701800|ref|XP 017155998.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036701338|ref|XP_017155122.1| PREDICTED: serine/threonine-protein kinase par-1 [Drosophile
>gi|1036701601|ref|XP_017155861.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701488|ref|XP_017155806.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701509|ref|XP_017155814.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701526|ref|XP_017155824.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701545|ref|XP_017155832.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701562|ref|XP 017155842.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701582|ref|XP_017155851.1| PREDICTED: G-protein coupled receptor moody [Drosophila mire
>gi|1036701768|ref|XP_017155968.1| PREDICTED: E3 ubiquitin-protein ligase RNF128 [Drosophila m
>gi|1036701422|ref|XP_017155494.1| PREDICTED: alpha-actinin, sarcomeric isoform X4 [Drosophila
>gi|1036701616|ref|XP_017155871.1| PREDICTED: protein ultraspiracle [Drosophila miranda]
>gi|1036701355|ref|XP_017155231.1| PREDICTED: alpha-actinin, sarcomeric isoform X1 [Drosophila
>gi|1036701374|ref|XP_017155306.1| PREDICTED: alpha-actinin, sarcomeric isoform X1 [Drosophila
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>gi|1036912316|ref|XP\_017154144.1| PREDICTED: uncharacterized protein LOC108163395 [Drosophila

>gi|1036857978|ref|XP\_017151154.1| PREDICTED: uncharacterized protein LOC108161413 [Drosophila
>gi|1036857997|ref|XP\_017151155.1| PREDICTED: uncharacterized protein LOC108161413 [Drosophila
>gi|1036858016|ref|XP\_017151156.1| PREDICTED: uncharacterized protein LOC108161413 [Drosophila

>gi|1036912300|ref|XP\_017154143.1| PREDICTED: P protein isoform X3 [Drosophila miranda]

>gi|1036903065|ref|XP\_017153645.1| PREDICTED: sialin [Drosophila miranda] >gi|1036903085|ref|XP\_017153646.1| PREDICTED: sialin [Drosophila miranda]

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>gi|1036701390|ref|XP_017155378.1| PREDICTED: alpha-actinin, sarcomeric isoform X2 [Drosophila
>gi|1036701406|ref|XP_017155453.1| PREDICTED: alpha-actinin, sarcomeric isoform X3 [Drosophila
>gi|1036701287|ref|XP 017154817.1| PREDICTED: uncharacterized protein LOC108163645 isoform X4
>gi|1036701272|ref|XP_017154742.1| PREDICTED: uncharacterized protein LOC108163645 isoform X3
>gi|1036701257|ref|XP 017154665.1| PREDICTED: uncharacterized protein LOC108163645 isoform X2
>gi|1036701243|ref|XP_017154584.1| PREDICTED: uncharacterized protein LOC108163645 isoform X1
>gi|1036701701|ref|XP 017155930.1| PREDICTED: putative GPI-anchor transamidase [Drosophila mire
>gi|1036701717|ref|XP_017155937.1| PREDICTED: putative GPI-anchor transamidase [Drosophila mire
>gi|1036698287|ref|XP_017139785.1| PREDICTED: AF4/FMR2 family member 4-like [Drosophila mirand
>gi|1036701323|ref|XP_017155006.1| PREDICTED: hormone receptor 4-like isoform X2 [Drosophila m
>gi|1036701305|ref|XP_017154930.1| PREDICTED: hormone receptor 4-like isoform X1 [Drosophila m
>gi|1036701752|ref|XP 017155958.1| PREDICTED: protein KTI12 homolog [Drosophila miranda]
>gi|1036701647|ref|XP_017155896.1| PREDICTED: protein SMG9 [Drosophila miranda]
>gi|1036701680|ref|XP 017155916.1| PREDICTED: carnosine N-methyltransferase isoform X2 [Drosop.
>gi|1036701663|ref|XP_017155907.1| PREDICTED: carnosine N-methyltransferase isoform X1 [Drosop
>gi|1036701439|ref|XP_017155626.1| PREDICTED: ATP-dependent RNA helicase dbp2 [Drosophila mirate
>gi|1036701454|ref|XP_017155715.1| PREDICTED: ATP-dependent RNA helicase dbp2 [Drosophila mirated and the company of the compa
>gi|1036701471|ref|XP_017155795.1| PREDICTED: ATP-dependent RNA helicase dbp2 [Drosophila mirate
>gi|1036711564|ref|XP_017139547.1| PREDICTED: dehydrodolichyl diphosphate synthase complex sub
>gi|1036711597|ref|XP 017139567.1| PREDICTED: 40S ribosomal protein S14 [Drosophila miranda]
>gi|1036711581|ref|XP_017139558.1| PREDICTED: 40S ribosomal protein S14-like [Drosophila miran-
>gi|1036711500|ref|XP 017139511.1| PREDICTED: E3 ubiquitin-protein ligase UBR3 [Drosophila mire
>gi|1036711515|ref|XP_017139518.1| PREDICTED: E3 ubiquitin-protein ligase UBR3 [Drosophila mire
>gi|1036711534|ref|XP_017139529.1| PREDICTED: uncharacterized protein LOC108153940 isoform X1
>gi|1036711550|ref|XP_017139537.1| PREDICTED: uncharacterized protein LOC108153940 isoform X2
>gi|1036751956|ref|XP_017156406.1| PREDICTED: DM7 family protein GG17591 [Drosophila miranda]
>gi|1036729081|ref|XP_017149347.1| PREDICTED: neuropathy target esterase sws isoform X4 [Droso
>gi|1036729050|ref|XP_017149329.1| PREDICTED: neuropathy target esterase sws isoform X2 [Droso
>gi|1036729021|ref|XP_017149318.1| PREDICTED: neuropathy target esterase sws isoform X1 [Droso
>gi|1036729063|ref|XP_017149338.1| PREDICTED: neuropathy target esterase sws isoform X3 [Droso
>gi|1036737636|ref|XP 017154022.1| PREDICTED: protein singed [Drosophila miranda]
>gi|1036702955|ref|XP_017156697.1| PREDICTED: protein arginine N-methyltransferase 1-like [Dros
>gi|1036707540|ref|XP 017137034.1| PREDICTED: E3 ubiquitin ligase complex SCF subunit sconC-li
>gi|1036702891|ref|XP_017156653.1| PREDICTED: uncharacterized protein LOC108165104 [Drosophila
>gi|1036756219|ref|XP 017156657.1| PREDICTED: tyramine beta-hydroxylase [Drosophila miranda]
>gi|1036756236|ref|XP_017156658.1| PREDICTED: tyramine beta-hydroxylase [Drosophila miranda]
>gi|1036756255|ref|XP 017156659.1| PREDICTED: tyramine beta-hydroxylase [Drosophila miranda]
>gi|1036756728|ref|XP_017156687.1| PREDICTED: uncharacterized protein LOC108165131 isoform X3
>gi|1036756709|ref|XP_017156686.1| PREDICTED: uncharacterized protein LOC108165131 isoform X2
>gi|1036756690|ref|XP_017156685.1| PREDICTED: uncharacterized protein LOC108165131 isoform X1
>gi|1036709552|ref|XP_017138295.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709468|ref|XP_017138254.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709484|ref|XP_017138263.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709501|ref|XP 017138272.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709518|ref|XP_017138278.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709535|ref|XP_017138286.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709568|ref|XP_017138303.1| PREDICTED: phosphorylase b kinase gamma catalytic chain, sk
>gi|1036709612|ref|XP_017138327.1| PREDICTED: uncharacterized protein LOC108153062 [Drosophila
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>gi|1036709344|ref|XP_017138193.1| PREDICTED: alpha-(1,6)-fucosyltransferase [Drosophila miran-
>gi|1036709365|ref|XP_017138200.1| PREDICTED: alpha-(1,6)-fucosyltransferase [Drosophila miran-
>gi|1036709381|ref|XP_017138209.1| PREDICTED: alpha-(1,6)-fucosyltransferase [Drosophila miran-
>gi|1036709430|ref|XP_017138234.1| PREDICTED: uncharacterized protein LOC108153001 [Drosophila
>gi|1036709449|ref|XP 017138244.1| PREDICTED: uncharacterized protein LOC108153001 [Drosophila
>gi|1036709597|ref|XP_017138315.1| PREDICTED: thioredoxin domain-containing protein 5 [Drosoph
>gi|1036709398|ref|XP 017138222.1| PREDICTED: BTB/POZ domain-containing protein 17 [Drosophila
>gi|1036752027|ref|XP_017156411.1| PREDICTED: putative transporter svop-1 [Drosophila miranda]
>gi|1036752042|ref|XP_017156412.1| PREDICTED: uncharacterized protein LOC108164934 [Drosophila
>gi|1036698181|ref|XP_017138639.1| PREDICTED: uncharacterized protein LOC108150747 [Drosophila
>gi|1036752060|ref|XP_017156413.1| PREDICTED: uncharacterized protein LOC108164935 [Drosophila
>gi|1036698196|ref|XP_017150822.1| PREDICTED: uncharacterized protein LOC108158651 [Drosophila
>gi|1036756638|ref|XP_017156682.1| PREDICTED: uncharacterized protein LOC108165128 [Drosophila
>gi|1036756653|ref|XP_017156683.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036706619|ref|XP_017136424.1| PREDICTED: uncharacterized protein LOC108151975 [Drosophila
>gi|1036755818|ref|XP_017156635.1| PREDICTED: uncharacterized protein LOC108165094 isoform X1
>gi|1036755837|ref|XP_017156636.1| PREDICTED: uncharacterized protein LOC108165094 isoform X2
>gi|1036755645|ref|XP_017156624.1| PREDICTED: insecticyanin-A [Drosophila miranda]
>gi|1036729511|ref|XP_017149608.1| PREDICTED: protein wings apart-like [Drosophila miranda]
>gi|1036698304|ref|XP 017140963.1| PREDICTED: uncharacterized protein LOC108154713 [Drosophila
>gi|1036755698|ref|XP_017156628.1| PREDICTED: uncharacterized protein LOC108165087 [Drosophila
>gi|1036755716|ref|XP 017156629.1| PREDICTED: uncharacterized protein LOC108165088 [Drosophila
>gi|1036730248|ref|XP_017150076.1| PREDICTED: LOW QUALITY PROTEIN: histone H2B-like [Drosophile]
>gi|1036730189|ref|XP_017150041.1| PREDICTED: histone H1-like isoform X1 [Drosophila miranda]
>gi|1036730208|ref|XP_017150051.1| PREDICTED: histone H1-like isoform X2 [Drosophila miranda]
>gi|1036730229|ref|XP_017150062.1| PREDICTED: protein lethal(2)denticleless-like [Drosophila m
>gi|1036729548|ref|XP_017149634.1| PREDICTED: centrosomal protein of 162 kDa isoform X1 [Droso
>gi|1036729567|ref|XP_017149643.1| PREDICTED: centrosomal protein of 162 kDa isoform X2 [Droso
>gi|1036729580|ref|XP_017149655.1| PREDICTED: carboxypeptidase B isoform X1 [Drosophila mirand
>gi|1036729600|ref|XP_017149664.1| PREDICTED: carboxypeptidase B isoform X2 [Drosophila mirand
>gi|1036698208|ref|XP_017156463.1| PREDICTED: zinc carboxypeptidase A 1 [Drosophila miranda]
>gi|1036729529|ref|XP_017149621.1| PREDICTED: histone acetyltransferase KAT6A [Drosophila mirated
>gi|1036755785|ref|XP_017156633.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1036703982|ref|XP_017134622.1| PREDICTED: proteasome subunit beta type-7 [Drosophila miran-
>gi|1036703732|ref|XP 017157117.1| PREDICTED: dopamine N-acetyltransferase [Drosophila miranda]
>gi|1036747149|ref|XP_017156152.1| PREDICTED: proteoglycan 4 [Drosophila miranda]
>gi|1036704091|ref|XP 017134680.1| PREDICTED: bax inhibitor 1-like [Drosophila miranda]
>gi|1036698319|ref|XP_017142208.1| PREDICTED: uncharacterized protein LOC108155475 [Drosophila
>gi|1036741943|ref|XP_017155857.1| PREDICTED: glycosylphosphatidylinositol anchor attachment 1
>gi|1036713747|ref|XP_017140860.1| PREDICTED: uncharacterized protein LOC108154906 isoform X2
>gi|1036713732|ref|XP_017140851.1| PREDICTED: uncharacterized protein LOC108154906 isoform X1
>gi|1036713793|ref|XP_017140898.1| PREDICTED: G2/M phase-specific E3 ubiquitin-protein ligase
>gi|1036713764|ref|XP_017140871.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 30 homolog
>gi|1036713827|ref|XP_017140923.1| PREDICTED: LOW QUALITY PROTEIN: T-complex protein 11-like p
>gi|1036713779|ref|XP_017140883.1| PREDICTED: DDB1- and CUL4-associated factor 10 homolog [Drop
>gi|1036713810|ref|XP_017140913.1| PREDICTED: patatin-like phospholipase domain-containing pro-
>gi|1036741536|ref|XP_017155836.1| PREDICTED: lipid storage droplets surface-binding protein 2
>gi|1036741517|ref|XP_017155835.1| PREDICTED: lipid storage droplets surface-binding protein 2
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>gi|1036741577|ref|XP_017155838.1| PREDICTED: lipid storage droplets surface-binding protein 2
>gi|1036741558|ref|XP_017155837.1| PREDICTED: lipid storage droplets surface-binding protein 2
>gi|1036706037|ref|XP_017136019.1| PREDICTED: tubulin-specific chaperone A-like [Drosophila mi
>gi|1036739823|ref|XP_017155212.1| PREDICTED: microsomal glutathione S-transferase 1 [Drosophi
>gi|1036739857|ref|XP_017155232.1| PREDICTED: microsomal glutathione S-transferase 1 isoform X
>gi|1036739839|ref|XP_017155224.1| PREDICTED: microsomal glutathione S-transferase 1 isoform X
>gi|1036739875|ref|XP_017155242.1| PREDICTED: cytochrome c oxidase copper chaperone [Drosophile
>gi|1036739893|ref|XP_017155248.1| PREDICTED: cytochrome c oxidase copper chaperone [Drosophile
>gi|1036739805|ref|XP_017155202.1| PREDICTED: translation machinery-associated protein 16 homo
>gi|1036739787|ref|XP_017155190.1| PREDICTED: LOW QUALITY PROTEIN: lipoamide acyltransferase c
>gi|1036738684|ref|XP_017154541.1| PREDICTED: MAP kinase-activating death domain protein isofo
>gi|1036738702|ref|XP_017154547.1| PREDICTED: MAP kinase-activating death domain protein isofo
>gi|1036738720|ref|XP_017154556.1| PREDICTED: MAP kinase-activating death domain protein isofo
>gi|1036738740|ref|XP_017154564.1| PREDICTED: MAP kinase-activating death domain protein isofo
>gi|1036738758|ref|XP_017154576.1| PREDICTED: tubulin-specific chaperone A [Drosophila miranda
>gi|1036752119|ref|XP_017156416.1| PREDICTED: probable cytochrome P450 4s3 [Drosophila miranda
>gi|1036740350|ref|XP_017155473.1| PREDICTED: uncharacterized protein LOC108164335 isoform X1
>gi|1036740366|ref|XP_017155474.1| PREDICTED: uncharacterized protein LOC108164335 isoform X2
>gi|1036740384|ref|XP_017155475.1| PREDICTED: probable 60S ribosomal protein L37-A [Drosophila
>gi|1036743313|ref|XP_017155936.1| PREDICTED: uncharacterized protein LOC108164608 [Drosophila
>gi|1036743295|ref|XP_017155935.1| PREDICTED: uncharacterized protein LOC108164607 [Drosophila
>gi|1036705018|ref|XP 017135315.1| PREDICTED: uncharacterized protein LOC108151289 [Drosophila
>gi|1036753611|ref|XP_017156508.1| PREDICTED: uncharacterized protein LOC108164994 isoform X1
>gi|1036753631|ref|XP_017156510.1| PREDICTED: uncharacterized protein LOC108164994 isoform X2
>gi|1036748586|ref|XP_017156220.1| PREDICTED: uncharacterized protein LOC108164812 [Drosophila
>gi|1036698334|ref|XP_017143452.1| PREDICTED: uncharacterized protein LOC108156218 [Drosophila
>gi|1036751287|ref|XP_017156370.1| PREDICTED: uncharacterized protein LOC108164904 [Drosophila
>gi|1036751308|ref|XP_017156371.1| PREDICTED: uncharacterized protein LOC108164904 [Drosophila
>gi|1036751329|ref|XP_017156372.1| PREDICTED: uncharacterized protein LOC108164905 [Drosophila
>gi|1036705899|ref|XP_017135911.1| PREDICTED: uncharacterized protein LOC108151676 [Drosophila
>gi|1036739354|ref|XP_017154947.1| PREDICTED: uncharacterized protein LOC108163921 [Drosophila
>gi|1036738971|ref|XP_017154717.1| PREDICTED: uncharacterized protein LOC108163755 [Drosophila
>gi|1036738989|ref|XP_017154725.1| PREDICTED: uncharacterized protein LOC108163755 [Drosophila
>gi|1036739007|ref|XP_017154733.1| PREDICTED: uncharacterized protein LOC108163755 [Drosophila
>gi|1036715019|ref|XP 017141618.1| PREDICTED: lymphokine-activated killer T-cell-originated pro-
>gi|1036715000|ref|XP_017141607.1| PREDICTED: partitioning defective protein 6 [Drosophila mire
>gi|1036715036|ref|XP_017141631.1| PREDICTED: ubiquitin-conjugating enzyme E2 S isoform X1 [Dr
>gi|1036715053|ref|XP_017141639.1| PREDICTED: ubiquitin-conjugating enzyme E2 S isoform X2 [Dr
>gi|1036715091|ref|XP_017141660.1| PREDICTED: uncharacterized protein LOC108155384 isoform X2
>gi|1036715072|ref|XP_017141652.1| PREDICTED: uncharacterized protein LOC108155384 isoform X1
>gi|1036715109|ref|XP_017141670.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036756166|ref|XP_017156654.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036709204|ref|XP_017138102.1| PREDICTED: spectrin beta chain isoform X2 [Drosophila miran-
>gi|1036709154|ref|XP_017138077.1| PREDICTED: spectrin beta chain isoform X1 [Drosophila miran
>gi|1036709171|ref|XP_017138085.1| PREDICTED: spectrin beta chain isoform X1 [Drosophila miran-
>gi|1036709188|ref|XP_017138093.1| PREDICTED: spectrin beta chain isoform X1 [Drosophila miran
>gi|1036709219|ref|XP_017138111.1| PREDICTED: spectrin beta chain isoform X3 [Drosophila miran-
>gi|1036709232|ref|XP_017138123.1| PREDICTED: integrator complex subunit 2 [Drosophila miranda]
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>gi|1036709251|ref|XP_017138135.1| PREDICTED: rho GTPase-activating protein 190 isoform X1 [Dropout Note of the content of the
>gi|1036709267|ref|XP_017138143.1| PREDICTED: rho GTPase-activating protein 190 isoform X1 [Drope to the content of the conten
>gi|1036709281|ref|XP_017138151.1| PREDICTED: rho GTPase-activating protein 190 isoform X2 [Dref|XP_017138151.1]
>gi|1036709296|ref|XP_017138161.1| PREDICTED: rho GTPase-activating protein 190 isoform X3 [Dr
>gi|1036709312|ref|XP 017138170.1| PREDICTED: rho GTPase-activating protein 190 isoform X4 [Dr.
>gi|1036709327|ref|XP_017138181.1| PREDICTED: rho GTPase-activating protein 190 isoform X5 [Dr
>gi|1036742108|ref|XP 017155865.1| PREDICTED: probable ATP-dependent RNA helicase DDX10 [Droso
>gi|1036736749|ref|XP_017153521.1| PREDICTED: calpain-D isoform X1 [Drosophila miranda]
>gi|1036736770|ref|XP_017153530.1| PREDICTED: calpain-D isoform X2 [Drosophila miranda]
>gi|1036736789|ref|XP_017153539.1| PREDICTED: calpain-D isoform X3 [Drosophila miranda]
>gi|1036736807|ref|XP_017153548.1| PREDICTED: calpain-D isoform X4 [Drosophila miranda]
>gi|1036738006|ref|XP_017154223.1| PREDICTED: septin-1 isoform X2 [Drosophila miranda]
>gi|1036737988|ref|XP_017154215.1| PREDICTED: septin-1 isoform X1 [Drosophila miranda]
>gi|1036718395|ref|XP_017143507.1| PREDICTED: translation factor waclaw, mitochondrial [Drosop
>gi|1036718226|ref|XP_017143423.1| PREDICTED: uncharacterized protein LOC108156467 [Drosophila
>gi|1036718246|ref|XP_017143430.1| PREDICTED: uncharacterized protein LOC108156467 [Drosophila
>gi|1036718264|ref|XP_017143439.1| PREDICTED: uncharacterized protein LOC108156467 [Drosophila
>gi|1036718303|ref|XP_017143462.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X
>gi|1036718377|ref|XP_017143496.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X-
>gi|1036718283|ref|XP 017143454.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X
>gi|1036718322|ref|XP_017143472.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X
>gi|1036718343|ref|XP_017143479.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X
>gi|1036718360|ref|XP_017143487.1| PREDICTED: proline dehydrogenase 1, mitochondrial isoform X
>gi|1036718410|ref|XP_017143518.1| PREDICTED: probable ATP-dependent RNA helicase DDX56 [Droso
>gi|1036751607|ref|XP_017156387.1| PREDICTED: uncharacterized protein LOC108164912 [Drosophila
>gi|1036742446|ref|XP_017155886.1| PREDICTED: mpv17-like protein [Drosophila miranda]
>gi|1036742427|ref|XP_017155885.1| PREDICTED: protein misato [Drosophila miranda]
>gi|1036698349|ref|XP_017144690.1| PREDICTED: myosin heavy chain IB-like [Drosophila miranda]
>gi|1036706022|ref|XP_017136003.1| PREDICTED: proline-rich receptor-like protein kinase PERK9
>gi|1036753255|ref|XP_017156488.1| PREDICTED: neurotrimin isoform X4 [Drosophila miranda]
>gi|1036753219|ref|XP_017156486.1| PREDICTED: neurotrimin isoform X2 [Drosophila miranda]
>gi|1036753238|ref|XP_017156487.1| PREDICTED: neuronal growth regulator 1 isoform X3 [Drosophi
>gi|1036753204|ref|XP 017156485.1| PREDICTED: neuronal growth regulator 1 isoform X1 [Drosophi
>gi|1036706318|ref|XP_017136222.1| PREDICTED: uncharacterized protein LOC108151845 [Drosophila
>gi|1036735067|ref|XP 017152556.1| PREDICTED: uncharacterized protein LOC108162358 [Drosophila
>gi|1036728354|ref|XP_017148921.1| PREDICTED: neutral alpha-glucosidase AB [Drosophila miranda]
>gi|1036728373|ref|XP_017148929.1| PREDICTED: neutral alpha-glucosidase AB [Drosophila miranda
>gi|1036728412|ref|XP_017148951.1| PREDICTED: tektin-3-like isoform X2 [Drosophila miranda]
>gi|1036728391|ref|XP_017148943.1| PREDICTED: tektin-3-like isoform X1 [Drosophila miranda]
>gi|1036728433|ref|XP_017148962.1| PREDICTED: NFU1 iron-sulfur cluster scaffold homolog, mitoc
>gi|1036742771|ref|XP_017155904.1| PREDICTED: uncharacterized protein LOC108164590 [Drosophila
>gi|1036725812|ref|XP_017147391.1| PREDICTED: solute carrier family 35 member E1 homolog [Dros
>gi|1036725850|ref|XP_017147422.1| PREDICTED: uncharacterized protein LOC108159019 [Drosophila
>gi|1036725831|ref|XP_017147407.1| PREDICTED: DDB1- and CUL4-associated factor 7 [Drosophila m
>gi|1036725012|ref|XP_017146926.1| PREDICTED: cell wall protein AWA1 isoform X4 [Drosophila mi
>gi|1036725030|ref|XP_017146937.1| PREDICTED: cell wall protein AWA1 isoform X4 [Drosophila mi
>gi|1036725051|ref|XP_017146946.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 2 isoform
>gi|1036724951|ref|XP_017146896.1| PREDICTED: myb-like protein A isoform X1 [Drosophila mirand
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>gi|1036724993|ref|XP_017146916.1| PREDICTED: mucin-12 isoform X3 [Drosophila miranda]
>gi|1036724972|ref|XP_017146906.1| PREDICTED: myb-like protein A isoform X2 [Drosophila mirand
>gi|1036723743|ref|XP_017146122.1| PREDICTED: uncharacterized protein C18orf19 homolog A [Dros
>gi|1036723724|ref|XP_017146111.1| PREDICTED: tRNA methyltransferase 10 homolog A [Drosophila i
>gi|1036723666|ref|XP 017146082.1| PREDICTED: uncharacterized protein LOC108158350 [Drosophila
>gi|1036723685|ref|XP_017146092.1| PREDICTED: uncharacterized protein LOC108158350 [Drosophila
>gi|1036723704|ref|XP 017146101.1| PREDICTED: uncharacterized protein LOC108158350 [Drosophila
>gi|1036722128|ref|XP_017145358.1| PREDICTED: uncharacterized protein LOC108157696 [Drosophila
>gi|1036721934|ref|XP_017145274.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721953|ref|XP_017145283.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036722053|ref|XP_017145325.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721970|ref|XP 017145291.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036722071|ref|XP_017145333.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721919|ref|XP_017145266.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
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>gi|1036722090|ref|XP_017145340.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721883|ref|XP_017145249.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036722111|ref|XP_017145346.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721847|ref|XP_017145232.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721902|ref|XP_017145258.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036721989|ref|XP_017145300.1| PREDICTED: inositol hexakisphosphate and diphosphoinositol-
>gi|1036727249|ref|XP_017148291.1| PREDICTED: uncharacterized protein LOC108159474 isoform X1
>gi|1036727232|ref|XP_017148278.1| PREDICTED: ribosomal protein S6 kinase 2 beta [Drosophila m
>gi|1036727279|ref|XP_017148311.1| PREDICTED: protein phosphatase 1H [Drosophila miranda]
>gi|1036727262|ref|XP_017148299.1| PREDICTED: formin BNI1 isoform X2 [Drosophila miranda]
>gi|1036704459|ref|XP_017134908.1| PREDICTED: clusterin-associated protein 1 [Drosophila mirane
>gi|1036736279|ref|XP_017153243.1| PREDICTED: adenylate cyclase type 9 isoform X1 [Drosophila i
>gi|1036736297|ref|XP_017153251.1| PREDICTED: adenylate cyclase type 9 isoform X2 [Drosophila i
>gi|1036736315|ref|XP_017153260.1| PREDICTED: adenylate cyclase type 9 isoform X3 [Drosophila i
>gi|1036715889|ref|XP 017142115.1| PREDICTED: thyroid receptor-interacting protein 11 [Drosoph
>gi|1036715959|ref|XP_017142159.1| PREDICTED: F-box-like/WD repeat-containing protein TBL1XR1
>gi|1036715941|ref|XP_017142147.1| PREDICTED: arginine/serine-rich coiled-coil protein 2 isofo
>gi|1036715923|ref|XP_017142139.1| PREDICTED: arginine/serine-rich coiled-coil protein 2 isofo
>gi|1036715907|ref|XP_017142126.1| PREDICTED: uncharacterized protein LOC108155670 [Drosophila
>gi|1036742178|ref|XP_017155869.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036742197|ref|XP_017155870.1| PREDICTED: UDP-N-acetylglucosamine transferase subunit ALG1
>gi|1036724525|ref|XP_017146626.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036724579|ref|XP_017146667.1| PREDICTED: uncharacterized protein LOC108158667 [Drosophila
>gi|1036724560|ref|XP 017146653.1| PREDICTED: glycolipid transfer protein [Drosophila miranda]
>gi|1036698364|ref|XP_017147071.1| PREDICTED: cell surface glycoprotein 1-like [Drosophila mire
>gi|1036724541|ref|XP_017146641.1| PREDICTED: uncharacterized protein LOC108158654 [Drosophila
>gi|1036749432|ref|XP_017156265.1| PREDICTED: putative inositol monophosphatase 3 [Drosophila in section of the company of the
>gi|1036733728|ref|XP 017151782.1| PREDICTED: histone deacetylase 4 isoform X1 [Drosophila mire
>gi|1036733765|ref|XP_017151798.1| PREDICTED: histone deacetylase 5 isoform X3 [Drosophila mire
>gi|1036733747|ref|XP_017151790.1| PREDICTED: histone deacetylase 4 isoform X2 [Drosophila mire
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>gi|1036733782|ref|XP 017151808.1| PREDICTED: histone deacetylase 4 isoform X4 [Drosophila mire
>gi|1036713039|ref|XP_017140388.1| PREDICTED: probable peroxisomal acyl-coenzyme A oxidase 1 [
>gi|1036713072|ref|XP_017140410.1| PREDICTED: leucine-rich repeat-containing protein 57 [Droso
>gi|1036713055|ref|XP_017140402.1| PREDICTED: proteasome activator complex subunit 3 [Drosophi
>gi|1036713006|ref|XP_017140366.1| PREDICTED: integrin alpha-PS1 isoform X2 [Drosophila mirand
>gi|1036712989|ref|XP_017140358.1| PREDICTED: integrin alpha-PS1 isoform X1 [Drosophila mirand
>gi|1036713088|ref|XP 017140418.1| PREDICTED: uncharacterized protein LOC108154609 [Drosophila
>gi|1036713023|ref|XP_017140377.1| PREDICTED: vesicle-fusing ATPase 1 [Drosophila miranda]
>gi|1036753070|ref|XP_017156476.1| PREDICTED: protein tilB [Drosophila miranda]
>gi|1036735331|ref|XP_017152710.1| PREDICTED: histone-lysine N-methyltransferase setd3 [Drosop
>gi|1036735282|ref|XP_017152687.1| PREDICTED: uncharacterized protein LOC108162452 isoform X1
>gi|1036735301|ref|XP_017152695.1| PREDICTED: uncharacterized protein LOC108162452 isoform X2
>gi|1036702908|ref|XP_017156665.1| PREDICTED: uncharacterized protein LOC108165114 [Drosophila
>gi|1036724066|ref|XP_017146325.1| PREDICTED: LOW QUALITY PROTEIN: serine-rich adhesin for pla
>gi|1036754168|ref|XP_017156542.1| PREDICTED: uncharacterized protein LOC108165015 [Drosophila
>gi|1036714661|ref|XP_017141388.1| PREDICTED: uncharacterized protein LOC108155212 [Drosophila
>gi|1036714605|ref|XP_017141352.1| PREDICTED: uncharacterized protein LOC108155188 [Drosophila
>gi|1036714679|ref|XP_017141400.1| PREDICTED: 28 kDa heat- and acid-stable phosphoprotein [Dros
>gi|1036714642|ref|XP_017141375.1| PREDICTED: ribosomal RNA small subunit methyltransferase NE
>gi|1036714698|ref|XP 017141412.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036714510|ref|XP_017141305.1| PREDICTED: probable cytochrome P450 4d14 [Drosophila mirand
>gi|1036714473|ref|XP 017141284.1| PREDICTED: cytochrome P450 4d2 [Drosophila miranda]
>gi|1036714492|ref|XP_017141293.1| PREDICTED: cytochrome P450 4d2 [Drosophila miranda]
>gi|1036714567|ref|XP_017141332.1| PREDICTED: cytochrome P450 4ae1 isoform X3 [Drosophila mirated]
>gi|1036714586|ref|XP_017141340.1| PREDICTED: cytochrome P450 4ae1 isoform X4 [Drosophila mirated]
>gi|1036714529|ref|XP_017141317.1| PREDICTED: cytochrome P450 4ae1 isoform X1 [Drosophila mirated
>gi|1036714548|ref|XP_017141325.1| PREDICTED: cytochrome P450 4ae1 isoform X2 [Drosophila mirate
>gi|1036714624|ref|XP_017141363.1| PREDICTED: protein prune homolog [Drosophila miranda]
>gi|1036714454|ref|XP_017141272.1| PREDICTED: 60S ribosomal export protein NMD3 [Drosophila mi
>gi|1036714718|ref|XP_017141421.1| PREDICTED: uncharacterized protein LOC108155239 [Drosophila
>gi|1036705377|ref|XP_017135563.1| PREDICTED: keratin-associated protein 19-2 [Drosophila mirat
>gi|1036702307|ref|XP_017156278.1| PREDICTED: uncharacterized protein LOC108164857 [Drosophila
>gi|1036736396|ref|XP_017153315.1| PREDICTED: monocarboxylate transporter 12 [Drosophila mirane
>gi|1036736415|ref|XP_017153326.1| PREDICTED: fatty acyl-CoA reductase 1 [Drosophila miranda]
>gi|1036727562|ref|XP 017148473.1| PREDICTED: protein msta isoform X1 [Drosophila miranda]
>gi|1036727581|ref|XP_017148482.1| PREDICTED: protein msta isoform X2 [Drosophila miranda]
>gi|1036727524|ref|XP 017148448.1| PREDICTED: vinculin [Drosophila miranda]
>gi|1036727541|ref|XP_017148459.1| PREDICTED: vinculin [Drosophila miranda]
>gi|1036727598|ref|XP_017148494.1| PREDICTED: histidine-rich glycoprotein isoform X1 [Drosophi
>gi|1036727616|ref|XP_017148503.1| PREDICTED: histidine-rich glycoprotein isoform X1 [Drosophi
>gi|1036727634|ref|XP_017148513.1| PREDICTED: histidine-rich glycoprotein isoform X2 [Drosophi
>gi|1036715126|ref|XP_017141684.1| PREDICTED: protein pecanex [Drosophila miranda]
>gi|1036715144|ref|XP_017141695.1| PREDICTED: probable ATP-dependent RNA helicase kurz [Drosop
>gi|1036744253|ref|XP_017155981.1| PREDICTED: DNA-binding protein K10 [Drosophila miranda]
>gi|1036705611|ref|XP_017135701.1| PREDICTED: odorant receptor 2a [Drosophila miranda]
>gi|1036743910|ref|XP_017155964.1| PREDICTED: protein crooked neck [Drosophila miranda]
>gi|1036698381|ref|XP_017148371.1| PREDICTED: uncharacterized protein LOC108159290 [Drosophila
>gi|1036729414|ref|XP_017149549.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
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>gi|1036729322|ref|XP_017149494.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036729341|ref|XP_017149503.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036729357|ref|XP_017149511.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036729395|ref|XP_017149535.1| PREDICTED: protein prenyltransferase alpha subunit repeat-c
>gi|1036729376|ref|XP 017149523.1| PREDICTED: U3 small nucleolar RNA-associated protein 15 hom
>gi|1036732027|ref|XP_017150947.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X2 [D3
>gi|1036731916|ref|XP_017150904.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036731935|ref|XP_017150911.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036731954|ref|XP_017150918.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036731971|ref|XP_017150926.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036731989|ref|XP_017150933.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036732008|ref|XP_017150940.1| PREDICTED: ubiquitin-conjugating enzyme E2 Q2 isoform X1 [D3
>gi|1036733364|ref|XP_017151590.1| PREDICTED: hypoxia up-regulated protein 1 [Drosophila miran-
>gi|1036733383|ref|XP_017151599.1| PREDICTED: hypoxia up-regulated protein 1 [Drosophila mirane
>gi|1036733402|ref|XP_017151612.1| PREDICTED: uncharacterized protein LOC108161779 [Drosophila
>gi|1036733417|ref|XP_017151621.1| PREDICTED: uncharacterized protein LOC108161779 [Drosophila
>gi|1036698396|ref|XP_017149616.1| PREDICTED: uncharacterized protein LOC108159997 [Drosophila
>gi|1036757665|ref|XP_017156736.1| PREDICTED: uncharacterized protein LOC108165176 [Drosophila
>gi|1036750976|ref|XP_017156351.1| PREDICTED: probable insulin-like peptide 6 [Drosophila mirate
>gi|1036757496|ref|XP 017156730.1| PREDICTED: uncharacterized protein LOC108165167 [Drosophila
>gi|1036724596|ref|XP_017146682.1| PREDICTED: apoptosis-inducing factor 3 isoform X1 [Drosophi
>gi|1036724612|ref|XP 017146693.1| PREDICTED: apoptosis-inducing factor 3 isoform X2 [Drosophi
>gi|1036724692|ref|XP_017146728.1| PREDICTED: uncharacterized protein LOC108158699 [Drosophila
>gi|1036724632|ref|XP_017146701.1| PREDICTED: apoptosis-inducing factor 3 isoform X3 [Drosophi
>gi|1036724671|ref|XP_017146716.1| PREDICTED: vacuolar protein sorting-associated protein 26 [
>gi|1036724711|ref|XP_017146740.1| PREDICTED: ribosomal protein 63, mitochondrial [Drosophila 1
>gi|1036739662|ref|XP_017155117.1| PREDICTED: required for meiotic nuclear division protein 1
>gi|1036739648|ref|XP_017155106.1| PREDICTED: anaphase-promoting complex subunit 7 [Drosophila
>gi|1036708557|ref|XP_017137723.1| PREDICTED: uncharacterized protein LOC108152708 isoform X1
>gi|1036708577|ref|XP_017137733.1| PREDICTED: uncharacterized protein LOC108152708 isoform X1
>gi|1036708594|ref|XP_017137741.1| PREDICTED: uncharacterized protein LOC108152708 isoform X2
>gi|1036708685|ref|XP_017137795.1| PREDICTED: calcyclin-binding protein [Drosophila miranda]
>gi|1036708668|ref|XP_017137782.1| PREDICTED: protein swallow [Drosophila miranda]
>gi|1036708611|ref|XP_017137753.1| PREDICTED: cell division cycle 7-related protein kinase [Dr
>gi|1036708630|ref|XP 017137762.1| PREDICTED: cell division cycle 7-related protein kinase [Dref|XP 017137762.1]
>gi|1036708651|ref|XP_017137769.1| PREDICTED: cell division cycle 7-related protein kinase [Dr
>gi|1036708766|ref|XP 017137847.1| PREDICTED: zinc finger protein 593 homolog [Drosophila mirat
>gi|1036708702|ref|XP_017137808.1| PREDICTED: high affinity copper uptake protein 1 isoform X1
>gi|1036708719|ref|XP_017137816.1| PREDICTED: high affinity copper uptake protein 1 isoform X1
>gi|1036708733|ref|XP_017137826.1| PREDICTED: high affinity copper uptake protein 1 isoform X1
>gi|1036708750|ref|XP_017137834.1| PREDICTED: high affinity copper uptake protein 1 isoform X2
>gi|1036708814|ref|XP_017137869.1| PREDICTED: luc7-like protein 3 [Drosophila miranda]
>gi|1036735172|ref|XP 017152624.1| PREDICTED: DNA replication licensing factor Mcm6 [Drosophile
>gi|1036735189|ref|XP_017152635.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplet
>gi|1036713500|ref|XP_017140674.1| PREDICTED: fumarate hydratase, mitochondrial isoform X2 [Dref
>gi|1036713472|ref|XP_017140655.1| PREDICTED: fumarate hydratase, mitochondrial-like [Drosophi
>gi|1036713457|ref|XP_017140643.1| PREDICTED: uncharacterized protein LOC108154768 [Drosophila
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>gi|1036713537|ref|XP_017140699.1| PREDICTED: uncharacterized protein LOC108154807 [Drosophila
>gi|1036713516|ref|XP_017140687.1| PREDICTED: diphthine methyltransferase [Drosophila miranda]
>gi|1036713440|ref|XP_017140632.1| PREDICTED: AF4/FMR2 family member 4 isoform X2 [Drosophila 1
>gi|1036713424|ref|XP_017140622.1| PREDICTED: AF4/FMR2 family member 4 isoform X1 [Drosophila i
>gi|1036713569|ref|XP 017140717.1| PREDICTED: transcription factor Maf [Drosophila miranda]
>gi|1036704626|ref|XP_017135013.1| PREDICTED: uncharacterized protein LOC108151114 [Drosophila
>gi|1036704640|ref|XP 017135023.1| PREDICTED: uncharacterized protein LOC108151114 [Drosophila
>gi|1036698225|ref|XP_017134906.1| PREDICTED: breakpoint cluster region protein [Drosophila mi
>gi|1036704659|ref|XP_017135035.1| PREDICTED: probable RNA-binding protein 19 [Drosophila mirate
>gi|1036704714|ref|XP_017135067.1| PREDICTED: uncharacterized protein LOC108151149 [Drosophila
>gi|1036698240|ref|XP_017136144.1| PREDICTED: uncharacterized protein LOC108151567 [Drosophila
>gi|1036704677|ref|XP_017135047.1| PREDICTED: uncharacterized protein LOC108151131 [Drosophila
>gi|1036704697|ref|XP_017135055.1| PREDICTED: beta-1,3-galactosyltransferase brn [Drosophila m
>gi|1036704549|ref|XP_017134967.1| PREDICTED: uncharacterized protein LOC108151088 isoform X1
>gi|1036704564|ref|XP_017134976.1| PREDICTED: uncharacterized protein LOC108151088 isoform X1
>gi|1036704579|ref|XP_017134983.1| PREDICTED: uncharacterized protein LOC108151088 isoform X1
>gi|1036704598|ref|XP_017134990.1| PREDICTED: uncharacterized protein LOC108151088 isoform X1
>gi|1036704613|ref|XP_017134999.1| PREDICTED: histone-lysine N-methyltransferase EHMT2 isoform
>gi|1036702005|ref|XP_017156117.1| PREDICTED: uncharacterized oxidoreductase SSP0419 [Drosophi
>gi|1036702021|ref|XP_017156125.1| PREDICTED: uncharacterized oxidoreductase SSP0419 [Drosophi
>gi|1036701898|ref|XP_017156051.1| PREDICTED: molybdenum cofactor synthesis protein cinnamon [
>gi|1036702165|ref|XP 017156206.1| PREDICTED: cytochrome c oxidase assembly factor 6 homolog [
>gi|1036702042|ref|XP_017156137.1| PREDICTED: uncharacterized protein LOC108164748 [Drosophila
>gi|1036701865|ref|XP_017156030.1| PREDICTED: histone-lysine N-methyltransferase Suv4-20 isofo
>gi|1036701881|ref|XP_017156038.1| PREDICTED: histone-lysine N-methyltransferase Suv4-20 isofo
>gi|1036701833|ref|XP_017156014.1| PREDICTED: histone-lysine N-methyltransferase Suv4-20 isofo
>gi|1036701848|ref|XP_017156023.1| PREDICTED: histone-lysine N-methyltransferase Suv4-20 isofo
>gi|1036702148|ref|XP_017156196.1| PREDICTED: RING-box protein 1A [Drosophila miranda]
>gi|1036701989|ref|XP_017156104.1| PREDICTED: uncharacterized protein LOC108164722 [Drosophila
>gi|1036701915|ref|XP_017156063.1| PREDICTED: protein SPT2 homolog [Drosophila miranda]
>gi|1036701951|ref|XP_017156084.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X2 [Droso
>gi|1036701932|ref|XP_017156075.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X1 [Droso
>gi|1036701970|ref|XP_017156092.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X3 [Droso
>gi|1036702059|ref|XP_017156150.1| PREDICTED: uncharacterized protein LOC108164755 [Drosophila
>gi|1036702076|ref|XP 017156160.1| PREDICTED: uncharacterized protein LOC108164755 [Drosophila
>gi|1036702093|ref|XP_017156167.1| PREDICTED: uncharacterized protein LOC108164755 [Drosophila
>gi|1036702114|ref|XP_017156176.1| PREDICTED: uncharacterized protein LOC108164755 [Drosophila
>gi|1036702131|ref|XP_017156185.1| PREDICTED: uncharacterized protein LOC108164755 [Drosophila
>gi|1036698410|ref|XP_017150823.1| PREDICTED: uncharacterized protein LOC108160753 [Drosophila
>gi|1036707387|ref|XP_017136928.1| PREDICTED: putative odorant receptor 92a [Drosophila mirand
>gi|1036705458|ref|XP_017135617.1| PREDICTED: uncharacterized protein LOC108151486 [Drosophila
>gi|1036703751|ref|XP_017157128.1| PREDICTED: uncharacterized protein LOC108165562 [Drosophila
>gi|1036713104|ref|XP_017140430.1| PREDICTED: protein sidekick isoform X1 [Drosophila miranda]
>gi|1036713121|ref|XP_017140436.1| PREDICTED: protein sidekick isoform X2 [Drosophila miranda]
>gi|1036713144|ref|XP_017140443.1| PREDICTED: protein sidekick isoform X3 [Drosophila miranda]
>gi|1036713161|ref|XP_017140449.1| PREDICTED: protein sidekick isoform X4 [Drosophila miranda]
>gi|1036713177|ref|XP_017140458.1| PREDICTED: protein sidekick isoform X5 [Drosophila miranda]
>gi|1036713194|ref|XP_017140466.1| PREDICTED: protein sidekick isoform X6 [Drosophila miranda]
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>gi|1036713211|ref|XP_017140475.1| PREDICTED: protein sidekick isoform X7 [Drosophila miranda]
>gi|1036704270|ref|XP_017134784.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1036698425|ref|XP_017151896.1| PREDICTED: uncharacterized protein LOC108161692 [Drosophila
>gi|1036755177|ref|XP_017156601.1| PREDICTED: mitochondrial 2-oxodicarboxylate carrier [Drosop
>gi|1036751123|ref|XP_017156360.1| PREDICTED: beta-amyloid-like protein isoform X1 [Drosophila
>gi|1036751141|ref|XP_017156361.1| PREDICTED: beta-amyloid-like protein isoform X1 [Drosophila
>gi|1036751215|ref|XP 017156365.1| PREDICTED: beta-amyloid-like protein isoform X5 [Drosophila
>gi|1036751197|ref|XP_017156364.1| PREDICTED: beta-amyloid-like protein isoform X4 [Drosophila
>gi|1036751179|ref|XP_017156363.1| PREDICTED: beta-amyloid-like protein isoform X3 [Drosophila
>gi|1036751234|ref|XP_017156366.1| PREDICTED: beta-amyloid-like protein isoform X6 [Drosophila
>gi|1036751160|ref|XP_017156362.1| PREDICTED: beta-amyloid-like protein isoform X2 [Drosophila
>gi|1036751251|ref|XP_017156367.1| PREDICTED: beta-amyloid-like protein isoform X7 [Drosophila
>gi|1036751269|ref|XP_017156369.1| PREDICTED: beta-amyloid-like protein isoform X8 [Drosophila
>gi|1036698440|ref|XP_017153096.1| PREDICTED: uncharacterized protein LOC108162461 [Drosophila
>gi|1036745739|ref|XP_017156066.1| PREDICTED: homeobox protein vnd isoform X2 [Drosophila mira
>gi|1036745721|ref|XP_017156065.1| PREDICTED: homeobox protein vnd isoform X1 [Drosophila mirat
>gi|1036729959|ref|XP_017149863.1| PREDICTED: cytospin-A isoform X2 [Drosophila miranda]
>gi|1036729943|ref|XP_017149855.1| PREDICTED: cytospin-A isoform X1 [Drosophila miranda]
>gi|1036746629|ref|XP_017156120.1| PREDICTED: uncharacterized protein LOC108164738 [Drosophila
>gi|1036746612|ref|XP 017156119.1| PREDICTED: vacuolar protein sorting-associated protein 37C
>gi|1036753497|ref|XP_017156502.1| PREDICTED: ribokinase [Drosophila miranda]
>gi|1036708830|ref|XP 017137879.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP 017137879.1]
>gi|1036708846|ref|XP_017137887.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dr
>gi|1036708862|ref|XP_017137893.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dre
>gi|1036708879|ref|XP_017137902.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dr
>gi|1036708896|ref|XP_017137911.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dref|XP_017137911.1]
>gi|1036708913|ref|XP_017137920.1| PREDICTED: serine-rich adhesin for platelets isoform X3 [Dref|XP_017137920.1]
>gi|1036708949|ref|XP_017137945.1| PREDICTED: histone acetyltransferase Tip60 [Drosophila mirated
>gi|1036708964|ref|XP_017137958.1| PREDICTED: uncharacterized protein LOC108152849 [Drosophila
>gi|1036708930|ref|XP_017137932.1| PREDICTED: tRNA (cytosine(34)-C(5))-methyltransferase [Dros
>gi|1036708981|ref|XP_017137971.1| PREDICTED: uncharacterized protein LOC108152857 [Drosophila
>gi|1036749808|ref|XP_017156286.1| PREDICTED: beta-1,3-galactosyltransferase brn [Drosophila m
>gi|1036740489|ref|XP_017155531.1| PREDICTED: DNA repair protein complementing XP-A cells homo
>gi|1036740455|ref|XP_017155506.1| PREDICTED: uncharacterized protein LOC108164395 [Drosophila
>gi|1036740472|ref|XP 017155516.1| PREDICTED: uncharacterized protein LOC108164395 [Drosophila
>gi|1036735086|ref|XP_017152569.1| PREDICTED: T-complex protein 1 subunit zeta-like [Drosophile
>gi|1036735103|ref|XP_017152582.1| PREDICTED: phosphatidylinositol 4,5-bisphosphate 5-phosphate
>gi|1036750227|ref|XP_017156309.1| PREDICTED: ubiquitin-conjugating enzyme E2 G2 [Drosophila m
>gi|1036721608|ref|XP_017145191.1| PREDICTED: WD repeat-containing protein 18 [Drosophila mirates
>gi|1036721646|ref|XP_017145215.1| PREDICTED: UPF0184 protein CG14818 [Drosophila miranda]
>gi|1036721625|ref|XP_017145204.1| PREDICTED: APOPT family protein CG14806, mitochondrial [Dros
>gi|1036721591|ref|XP_017145180.1| PREDICTED: histone-lysine N-methyltransferase trr [Drosophi
>gi|1036708117|ref|XP_017137433.1| PREDICTED: 39S ribosomal protein L16, mitochondrial isoform
>gi|1036708134|ref|XP_017137440.1| PREDICTED: 39S ribosomal protein L16, mitochondrial isoform
>gi|1036708032|ref|XP_017137380.1| PREDICTED: armadillo segment polarity protein isoform X1 [Di
>gi|1036708049|ref|XP_017137389.1| PREDICTED: armadillo segment polarity protein isoform X1 [Di
>gi|1036708066|ref|XP_017137398.1| PREDICTED: armadillo segment polarity protein isoform X1 [Di
>gi|1036708083|ref|XP_017137407.1| PREDICTED: armadillo segment polarity protein isoform X2 [Di
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>gi|1036708151|ref|XP_017137451.1| PREDICTED: uncharacterized protein LOC108152546 isoform X1
>gi|1036708167|ref|XP_017137461.1| PREDICTED: uncharacterized protein LOC108152546 isoform X2
>gi|1036708182|ref|XP_017137474.1| PREDICTED: uncharacterized protein LOC108152557 isoform X1
>gi|1036708199|ref|XP_017137484.1| PREDICTED: uncharacterized protein LOC108152557 isoform X2
>gi|1036707981|ref|XP_017137343.1| PREDICTED: ER degradation-enhancing alpha-mannosidase-like
>gi|1036707947|ref|XP_017137326.1| PREDICTED: ER degradation-enhancing alpha-mannosidase-like
>gi|1036707965|ref|XP_017137335.1| PREDICTED: ER degradation-enhancing alpha-mannosidase-like
>gi|1036707930|ref|XP_017137314.1| PREDICTED: WD repeat-containing protein 7 [Drosophila miran-
>gi|1036707997|ref|XP_017137355.1| PREDICTED: protein lin-9 homolog [Drosophila miranda]
>gi|1036708100|ref|XP_017137419.1| PREDICTED: translation initiation factor eIF-2B subunit eps
>gi|1036708013|ref|XP_017137366.1| PREDICTED: type II inositol 1,4,5-trisphosphate 5-phosphata
>gi|1036717028|ref|XP_017142775.1| PREDICTED: synaptobrevin homolog YKT6 [Drosophila miranda]
>gi|1036716881|ref|XP_017142683.1| PREDICTED: protein hold'em isoform X1 [Drosophila miranda]
>gi|1036716898|ref|XP_017142691.1| PREDICTED: protein hold'em isoform X2 [Drosophila miranda]
>gi|1036716864|ref|XP_017142672.1| PREDICTED: sorting nexin-25 [Drosophila miranda]
>gi|1036716994|ref|XP_017142754.1| PREDICTED: very-long-chain 3-oxoacyl-CoA reductase-B [Droso
>gi|1036717013|ref|XP_017142763.1| PREDICTED: very-long-chain 3-oxoacyl-CoA reductase-B [Droso
>gi|1036716937|ref|XP_017142720.1| PREDICTED: fibroblast growth factor receptor 3 [Drosophila 1
>gi|1036716956|ref|XP_017142729.1| PREDICTED: fibroblast growth factor receptor 3 [Drosophila in the contemp of the contemp of
>gi|1036716975|ref|XP 017142739.1| PREDICTED: fibroblast growth factor receptor 3 [Drosophila a
>gi|1036716918|ref|XP_017142704.1| PREDICTED: bystin [Drosophila miranda]
>gi|1036749133|ref|XP 017156249.1| PREDICTED: 40S ribosomal protein S6 [Drosophila miranda]
>gi|1036742788|ref|XP_017155905.1| PREDICTED: general vesicular transport factor p115 [Drosoph
>gi|1036724795|ref|XP_017146802.1| PREDICTED: uncharacterized protein LOC108158725 [Drosophila
>gi|1036724812|ref|XP_017146818.1| PREDICTED: N(G),N(G)-dimethylarginine dimethylaminohydrolas
>gi|1036728008|ref|XP_017148715.1| PREDICTED: cyclin-L1 [Drosophila miranda]
>gi|1036728027|ref|XP_017148722.1| PREDICTED: cyclin-L1 [Drosophila miranda]
>gi|1036728095|ref|XP_017148769.1| PREDICTED: DNA damage-regulated autophagy modulator protein
>gi|1036728040|ref|XP_017148734.1| PREDICTED: RNA 3'-terminal phosphate cyclase [Drosophila mi
>gi|1036728059|ref|XP_017148748.1| PREDICTED: tRNA (guanine-N(7)-)-methyltransferase [Drosophi
>gi|1036728076|ref|XP_017148757.1| PREDICTED: tRNA (guanine-N(7)-)-methyltransferase [Drosophi
>gi|1036728114|ref|XP_017148782.1| PREDICTED: uncharacterized protein LOC108159749 [Drosophila
>gi|1036742463|ref|XP 017155887.1| PREDICTED: fasciculation and elongation protein zeta-2 [Drog
>gi|1036735539|ref|XP_017152824.1| PREDICTED: tyrosine-protein phosphatase corkscrew isoform X
>gi|1036735520|ref|XP 017152816.1| PREDICTED: tyrosine-protein phosphatase corkscrew isoform X
>gi|1036735502|ref|XP_017152808.1| PREDICTED: tyrosine-protein phosphatase corkscrew isoform X
>gi|1036735558|ref|XP_017152833.1| PREDICTED: tyrosine-protein phosphatase corkscrew isoform X-
>gi|1036745758|ref|XP_017156067.1| PREDICTED: uncharacterized protein LOC108164703 [Drosophila
>gi|1036749989|ref|XP_017156297.1| PREDICTED: AT-rich binding protein [Drosophila miranda]
>gi|1036717424|ref|XP_017142996.1| PREDICTED: uncharacterized protein LOC108156174 [Drosophila
>gi|1036717443|ref|XP_017143007.1| PREDICTED: protein suppressor of forked [Drosophila miranda]
>gi|1036717461|ref|XP_017143015.1| PREDICTED: protein suppressor of forked [Drosophila miranda]
>gi|1036698454|ref|XP_017154303.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036717511|ref|XP_017143038.1| PREDICTED: uncharacterized protein LOC108156208 [Drosophila
>gi|1036717530|ref|XP_017143050.1| PREDICTED: uncharacterized protein LOC108156220 [Drosophila
>gi|1036717480|ref|XP_017143027.1| PREDICTED: smad nuclear-interacting protein 1 [Drosophila m
>gi|1036751937|ref|XP_017156405.1| PREDICTED: uncharacterized protein LOC108164928 [Drosophila
>gi|1036756860|ref|XP_017156694.1| PREDICTED: sodium/potassium/calcium exchanger 3 isoform X1
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>gi|1036756876|ref|XP_017156695.1| PREDICTED: sodium/potassium/calcium exchanger 3 isoform X2
>gi|1036757154|ref|XP_017156708.1| PREDICTED: sodium/potassium/calcium exchanger 4 [Drosophila
>gi|1036707741|ref|XP_017137192.1| PREDICTED: sodium/potassium/calcium exchanger 3 isoform X1
>gi|1036707777|ref|XP_017137210.1| PREDICTED: sodium/potassium/calcium exchanger 4 isoform X3
>gi|1036707758|ref|XP 017137201.1| PREDICTED: sodium/potassium/calcium exchanger 3 isoform X2
>gi|1036707843|ref|XP_017137261.1| PREDICTED: cytochrome c oxidase assembly factor 7 homolog [
>gi|1036698468|ref|XP_017155452.1| PREDICTED: NAD-dependent protein deacylase Sirt4 [Drosophile
>gi|1036707671|ref|XP_017137148.1| PREDICTED: RNA-binding protein 25 isoform X1 [Drosophila mi
>gi|1036707688|ref|XP_017137157.1| PREDICTED: RNA-binding protein 25 isoform X2 [Drosophila mi
>gi|1036707870|ref|XP_017137276.1| PREDICTED: ras-related protein Rab-18 [Drosophila miranda]
>gi|1036707889|ref|XP_017137289.1| PREDICTED: 60S ribosomal protein L35 [Drosophila miranda]
>gi|1036707794|ref|XP_017137222.1| PREDICTED: protein trapped in endoderm-1 [Drosophila mirand
>gi|1036698483|ref|XP_017155879.1| PREDICTED: LOW QUALITY PROTEIN: gustatory receptor 5a for to
>gi|1036698498|ref|XP_017155992.1| PREDICTED: sulfated surface glycoprotein 185 [Drosophila mi
>gi|1036707707|ref|XP_017137170.1| PREDICTED: GPI inositol-deacylase [Drosophila miranda]
>gi|1036707826|ref|XP_017137249.1| PREDICTED: protein twisted gastrulation [Drosophila miranda]
>gi|1036707724|ref|XP_017137182.1| PREDICTED: paraplegin [Drosophila miranda]
>gi|1036707809|ref|XP 017137235.1| PREDICTED: circadian clock-controlled protein [Drosophila m
>gi|1036707635|ref|XP_017137127.1| PREDICTED: period circadian protein isoform X2 [Drosophila i
>gi|1036707620|ref|XP 017137119.1| PREDICTED: period circadian protein isoform X1 [Drosophila r
>gi|1036707654|ref|XP_017137135.1| PREDICTED: period circadian protein isoform X3 [Drosophila i
>gi|1036698513|ref|XP_017156109.1| PREDICTED: uncharacterized protein LOC108164705 [Drosophila
>gi|1036756602|ref|XP_017156680.1| PREDICTED: tryptophan 2,3-dioxygenase isoform X1 [Drosophile
>gi|1036756619|ref|XP_017156681.1| PREDICTED: tryptophan 2,3-dioxygenase isoform X2 [Drosophile
>gi|1036751436|ref|XP_017156377.1| PREDICTED: poly(U)-specific endoribonuclease homolog isoform
>gi|1036751455|ref|XP_017156378.1| PREDICTED: poly(U)-specific endoribonuclease homolog isoform
>gi|1036735782|ref|XP_017152955.1| PREDICTED: unconventional myosin-XV isoform X1 [Drosophila i
>gi|1036735799|ref|XP_017152964.1| PREDICTED: uncharacterized protein LOC108162639 isoform X2
>gi|1036698528|ref|XP_017156222.1| PREDICTED: tenascin-X [Drosophila miranda]
>gi|1036750155|ref|XP_017156304.1| PREDICTED: uncharacterized protein LOC108164872 [Drosophila
>gi|1036750174|ref|XP_017156306.1| PREDICTED: uncharacterized protein LOC108164872 [Drosophila
>gi|1036750190|ref|XP_017156307.1| PREDICTED: uncharacterized protein LOC108164873 [Drosophila
>gi|1036698545|ref|XP 017156336.1| PREDICTED: uncharacterized protein LOC108164869 [Drosophila
>gi|1036754905|ref|XP_017156586.1| PREDICTED: protein msta isoform X1 [Drosophila miranda]
>gi|1036754924|ref|XP 017156587.1| PREDICTED: protein msta isoform X2 [Drosophila miranda]
>gi|1036698562|ref|XP_017156464.1| PREDICTED: polycystic kidney disease 2-like 2 protein [Dros
>gi|1036698577|ref|XP_017156582.1| PREDICTED: uncharacterized protein LOC108165018 [Drosophila
>gi|1036704892|ref|XP_017135217.1| PREDICTED: uncharacterized protein CG1552 isoform X2 [Droso
>gi|1036704876|ref|XP_017135209.1| PREDICTED: uncharacterized protein CG1552 isoform X1 [Droso
>gi|1036698592|ref|XP_017156696.1| PREDICTED: surface protein-like [Drosophila miranda]
>gi|1036705118|ref|XP_017135393.1| PREDICTED: uncharacterized protein LOC108151345 [Drosophila
>gi|1036705865|ref|XP_017135889.1| PREDICTED: uncharacterized protein LOC108151664 [Drosophila
>gi|1036703770|ref|XP_017157149.1| PREDICTED: uncharacterized protein LOC108165584 [Drosophila
>gi|1036741499|ref|XP_017155834.1| PREDICTED: protein sevenless isoform X2 [Drosophila miranda]
>gi|1036741462|ref|XP_017155831.1| PREDICTED: protein sevenless isoform X1 [Drosophila miranda]
>gi|1036741481|ref|XP_017155833.1| PREDICTED: protein sevenless isoform X1 [Drosophila miranda]
>gi|1036735870|ref|XP_017153010.1| PREDICTED: uncharacterized protein LOC108162674 isoform X1
>gi|1036735890|ref|XP_017153018.1| PREDICTED: uncharacterized protein LOC108162674 isoform X2
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>gi|1036735851|ref|XP_017152998.1| PREDICTED: growth hormone-inducible transmembrane protein [
>gi|1036735815|ref|XP_017152977.1| PREDICTED: lanC-like protein 3 homolog [Drosophila miranda]
>gi|1036735832|ref|XP_017152986.1| PREDICTED: lanC-like protein 3 homolog [Drosophila miranda]
>gi|1036755417|ref|XP_017156615.1| PREDICTED: apyrase isoform X2 [Drosophila miranda]
>gi|1036755398|ref|XP 017156614.1| PREDICTED: apyrase isoform X1 [Drosophila miranda]
>gi|1036710670|ref|XP_017139039.1| PREDICTED: RNA polymerase II subunit A C-terminal domain ph
>gi|1036710653|ref|XP 017139026.1| PREDICTED: glucose-6-phosphate 1-dehydrogenase [Drosophila 1
>gi|1036710620|ref|XP_017139002.1| PREDICTED: cytokine receptor isoform X2 [Drosophila miranda
>gi|1036710602|ref|XP_017138993.1| PREDICTED: cytokine receptor isoform X1 [Drosophila miranda]
>gi|1036710585|ref|XP_017138981.1| PREDICTED: cytokine receptor [Drosophila miranda]
>gi|1036710636|ref|XP_017139013.1| PREDICTED: ubiquilin-1 [Drosophila miranda]
>gi|1036742409|ref|XP_017155884.1| PREDICTED: moesin/ezrin/radixin homolog 2 [Drosophila mirane
>gi|1036752212|ref|XP_017156422.1| PREDICTED: uncharacterized protein LOC108164944 isoform X2
>gi|1036752191|ref|XP_017156421.1| PREDICTED: uncharacterized protein LOC108164944 isoform X1
>gi|1036744272|ref|XP_017155982.1| PREDICTED: cdc42 homolog [Drosophila miranda]
>gi|1036743892|ref|XP_017155963.1| PREDICTED: probable tRNA N6-adenosine threonylcarbamoyltran
>gi|1036743875|ref|XP_017155962.1| PREDICTED: Golgi resident protein GCP60 [Drosophila miranda]
>gi|1036736935|ref|XP_017153635.1| PREDICTED: probable RNA-binding protein CG14230 [Drosophila
>gi|1036736951|ref|XP_017153648.1| PREDICTED: uncharacterized protein LOC108163076 [Drosophila
>gi|1036736968|ref|XP 017153655.1| PREDICTED: uncharacterized protein LOC108163076 [Drosophila
>gi|1036736986|ref|XP_017153664.1| PREDICTED: uncharacterized protein LOC108163076 [Drosophila
>gi|1036737004|ref|XP 017153672.1| PREDICTED: uncharacterized protein LOC108163076 [Drosophila
>gi|1036754508|ref|XP_017156561.1| PREDICTED: high affinity cationic amino acid transporter 1
>gi|1036748701|ref|XP_017156226.1| PREDICTED: chorion peroxidase [Drosophila miranda]
>gi|1036750387|ref|XP_017156316.1| PREDICTED: dipeptidyl aminopeptidase-like protein 6 isoform
>gi|1036750368|ref|XP_017156315.1| PREDICTED: dipeptidyl aminopeptidase-like protein 6 isoform
>gi|1036750407|ref|XP_017156317.1| PREDICTED: uncharacterized protein LOC108164881 [Drosophila
>gi|1036734133|ref|XP_017152045.1| PREDICTED: uncharacterized protein DDB_G0287625 isoform X2
>gi|1036734076|ref|XP_017152018.1| PREDICTED: uncharacterized protein DDB_G0287625 isoform X1
>gi|1036734092|ref|XP_017152029.1| PREDICTED: uncharacterized protein DDB_G0287625 isoform X1
>gi|1036734114|ref|XP_017152037.1| PREDICTED: uncharacterized protein DDB_G0287625 isoform X1
>gi|1036749674|ref|XP_017156279.1| PREDICTED: uncharacterized protein LOC108164860 isoform X1
>gi|1036749693|ref|XP_017156280.1| PREDICTED: uncharacterized protein LOC108164860 isoform X2
>gi|1036749712|ref|XP_017156281.1| PREDICTED: uncharacterized protein LOC108164860 isoform X2
>gi|1036749731|ref|XP 017156282.1| PREDICTED: uncharacterized protein LOC108164860 isoform X2
>gi|1036749749|ref|XP_017156283.1| PREDICTED: uncharacterized protein LOC108164860 isoform X2
>gi|1036698606|ref|XP 017156772.1| PREDICTED: uncharacterized protein LOC108165203 [Drosophila
>gi|1036757208|ref|XP_017156711.1| PREDICTED: uncharacterized protein LOC108165156 [Drosophila
>gi|1036733239|ref|XP_017151520.1| PREDICTED: proton-coupled amino acid transporter 4 isoform
>gi|1036733292|ref|XP_017151545.1| PREDICTED: proton-coupled amino acid transporter 1 [Drosoph
>gi|1036733255|ref|XP_017151527.1| PREDICTED: proton-coupled amino acid transporter 4 isoform
>gi|1036733273|ref|XP_017151535.1| PREDICTED: proton-coupled amino acid transporter 4 isoform
>gi|1036733347|ref|XP_017151579.1| PREDICTED: actin-related protein 2/3 complex subunit 3 [Dros
>gi|1036733329|ref|XP_017151569.1| PREDICTED: LOW QUALITY PROTEIN: rab-like protein 3 [Drosoph
>gi|1036733311|ref|XP_017151554.1| PREDICTED: decapping nuclease DXO homolog [Drosophila miran-
>gi|1036744610|ref|XP_017156000.1| PREDICTED: uncharacterized protein LOC108164657 isoform X2
>gi|1036744591|ref|XP_017155999.1| PREDICTED: uncharacterized protein LOC108164657 isoform X1
>gi|1036698621|ref|XP_017156875.1| PREDICTED: uncharacterized protein LOC108165318 [Drosophila
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>gi|1036711462|ref|XP_017139492.1| PREDICTED: TM2 domain-containing protein almondex [Drosophi
>gi|1036711445|ref|XP_017139482.1| PREDICTED: la-related protein 7 [Drosophila miranda]
>gi|1036711340|ref|XP_017139437.1| PREDICTED: uncharacterized protein LOC108153846 isoform X1
>gi|1036711357|ref|XP_017139442.1| PREDICTED: uncharacterized protein LOC108153846 isoform X2
>gi|1036711479|ref|XP 017139501.1| PREDICTED: uncharacterized protein LOC108153913 [Drosophila
>gi|1036711374|ref|XP_017139452.1| PREDICTED: protein GPR107 isoform X1 [Drosophila miranda]
>gi|1036711393|ref|XP 017139460.1| PREDICTED: protein GPR107 isoform X2 [Drosophila miranda]
>gi|1036711408|ref|XP_017139468.1| PREDICTED: protein GPR107 isoform X2 [Drosophila miranda]
>gi|1036711428|ref|XP_017139474.1| PREDICTED: protein GPR107 isoform X2 [Drosophila miranda]
>gi|1036698635|ref|XP_017156987.1| PREDICTED: gustatory receptor 8a [Drosophila miranda]
>gi|1036698651|ref|XP_017157107.1| PREDICTED: uncharacterized protein LOC108165520 [Drosophila
>gi|1036752267|ref|XP_017156425.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036752282|ref|XP_017156426.1| PREDICTED: uncharacterized protein LOC108164948 [Drosophila
>gi|1036752300|ref|XP_017156428.1| PREDICTED: uncharacterized protein LOC108164948 [Drosophila
>gi|1036752320|ref|XP_017156429.1| PREDICTED: uncharacterized protein LOC108164948 [Drosophila
>gi|1036754740|ref|XP_017156576.1| PREDICTED: uncharacterized protein LOC108165047 [Drosophila
>gi|1036754756|ref|XP_017156577.1| PREDICTED: uncharacterized protein LOC108165047 [Drosophila
>gi|1036754771|ref|XP_017156578.1| PREDICTED: uncharacterized protein LOC108165047 [Drosophila
>gi|1036754787|ref|XP_017156579.1| PREDICTED: uncharacterized protein LOC108165047 [Drosophila
>gi|1036743966|ref|XP 017155967.1| PREDICTED: kinesin-associated protein 3 [Drosophila miranda]
>gi|1036730760|ref|XP_017150382.1| PREDICTED: receptor-mediated endocytosis protein 6 homolog
>gi|1036730779|ref|XP 017150390.1| PREDICTED: receptor-mediated endocytosis protein 6 homolog
>gi|1036730797|ref|XP_017150400.1| PREDICTED: receptor-mediated endocytosis protein 6 homolog
>gi|1036730815|ref|XP_017150408.1| PREDICTED: receptor-mediated endocytosis protein 6 homolog
>gi|1036698667|ref|XP_017134572.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036740943|ref|XP_017155800.1| PREDICTED: uncharacterized protein C1683.06c [Drosophila mi
>gi|1036740959|ref|XP_017155801.1| PREDICTED: inosine-uridine preferring nucleoside hydrolase
>gi|1036714435|ref|XP_017141260.1| PREDICTED: probable glutamine-dependent NAD(+) synthetase [
>gi|1036714235|ref|XP_017141152.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X1 [Dros
>gi|1036714273|ref|XP_017141171.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X3 [Dros
>gi|1036714345|ref|XP_017141205.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X7 [Dros
>gi|1036714290|ref|XP_017141181.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X4 [Dros
>gi|1036714309|ref|XP_017141190.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X5 [Dros
>gi|1036714327|ref|XP_017141199.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X6 [Dros
>gi|1036714254|ref|XP_017141160.1| PREDICTED: cytosolic carboxypeptidase NnaD isoform X2 [Dros
>gi|1036714363|ref|XP_017141214.1| PREDICTED: uncharacterized protein LOC108155072 isoform X8
>gi|1036714380|ref|XP_017141222.1| PREDICTED: uncharacterized protein LOC108155072 isoform X9
>gi|1036714416|ref|XP_017141248.1| PREDICTED: RING finger protein 157 [Drosophila miranda]
>gi|1036714395|ref|XP_017141236.1| PREDICTED: DNA topoisomerase 2-binding protein 1-A [Drosoph
>gi|1036739911|ref|XP_017155258.1| PREDICTED: AP-3 complex subunit delta [Drosophila miranda]
>gi|1036731592|ref|XP_017150790.1| PREDICTED: gamma-tubulin complex component 3 homolog [Droso
>gi|1036731609|ref|XP_017150801.1| PREDICTED: probable methylthioribulose-1-phosphate dehydrate
>gi|1036731626|ref|XP_017150813.1| PREDICTED: peroxisomal multifunctional enzyme type 2 [Droso
>gi|1036711983|ref|XP_017139800.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036711932|ref|XP_017139760.1| PREDICTED: programmed cell death protein 4 [Drosophila mirated]
>gi|1036712017|ref|XP_017139818.1| PREDICTED: gametocyte-specific factor 1 homolog isoform X2
>gi|1036712031|ref|XP_017139828.1| PREDICTED: gametocyte-specific factor 1 isoform X3 [Drosoph
>gi|1036712000|ref|XP_017139812.1| PREDICTED: gametocyte-specific factor 1 homolog isoform X1
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>gi|1036711966|ref|XP_017139787.1| PREDICTED: probable RNA 3'-terminal phosphate cyclase-like
>gi|1036711949|ref|XP_017139770.1| PREDICTED: vitellogenin-3 [Drosophila miranda]
>gi|1036711881|ref|XP_017139731.1| PREDICTED: protein retinal degeneration B isoform X3 [Droso
>gi|1036711897|ref|XP_017139739.1| PREDICTED: protein retinal degeneration B isoform X4 [Droso
>gi|1036711914|ref|XP_017139748.1| PREDICTED: protein retinal degeneration B isoform X5 [Droso
>gi|1036711829|ref|XP_017139707.1| PREDICTED: protein retinal degeneration B isoform X1 [Droso
>gi|1036711847|ref|XP_017139715.1| PREDICTED: protein retinal degeneration B isoform X1 [Droso
>gi|1036711864|ref|XP_017139723.1| PREDICTED: protein retinal degeneration B isoform X2 [Droso
>gi|1036746543|ref|XP_017156114.1| PREDICTED: cathepsin B [Drosophila miranda]
>gi|1036702340|ref|XP_017156305.1| PREDICTED: TM2 domain-containing protein CG11103 [Drosophile
>gi|1036721009|ref|XP_017144895.1| PREDICTED: probable tubulin polyglutamylase TTLL1 isoform X
>gi|1036721046|ref|XP 017144916.1| PREDICTED: myb-like protein I [Drosophila miranda]
>gi|1036720990|ref|XP_017144886.1| PREDICTED: probable tubulin polyglutamylase TTLL1 isoform X
>gi|1036720953|ref|XP_017144868.1| PREDICTED: partitioning defective 3 homolog isoform X1 [Dros
>gi|1036720971|ref|XP_017144875.1| PREDICTED: partitioning defective 3 homolog isoform X2 [Dros
>gi|1036721028|ref|XP_017144902.1| PREDICTED: probable tubulin polyglutamylase TTLL1 isoform X
>gi|1036706297|ref|XP_017136210.1| PREDICTED: keratin-associated protein 6-2 [Drosophila miran-
>gi|1036757481|ref|XP_017156729.1| PREDICTED: pro-resilin [Drosophila miranda]
>gi|1036707913|ref|XP_017137303.1| PREDICTED: uncharacterized protein LOC108152451 [Drosophila
>gi|1036698686|ref|XP 017134677.1| PREDICTED: uncharacterized protein LOC108150846, partial [Di
>gi|1036698703|ref|XP_017134789.1| PREDICTED: phospholipase A1 2-like [Drosophila miranda]
>gi|1036753104|ref|XP_017156478.1| PREDICTED: probable phospholipase A1 magnifin [Drosophila m
>gi|1036753087|ref|XP_017156477.1| PREDICTED: vitellogenin-3 [Drosophila miranda]
>gi|1036707490|ref|XP_017136991.1| PREDICTED: heterogeneous nuclear ribonucleoprotein A1 [Dros
>gi|1036706066|ref|XP_017136048.1| PREDICTED: glycine-rich cell wall structural protein 1.0 [Di
>gi|1036705208|ref|XP_017135451.1| PREDICTED: glycine-rich cell wall structural protein 2 [Dros
>gi|1036707604|ref|XP_017137094.1| PREDICTED: ctenidin-1 [Drosophila miranda]
>gi|1036698719|ref|XP_017134907.1| PREDICTED: glycine-rich cell wall structural protein 1.0 [Di
>gi|1036737299|ref|XP_017153840.1| PREDICTED: DExH-box ATP-dependent RNA helicase DExH6 [Droso
>gi|1036737317|ref|XP_017153852.1| PREDICTED: uncharacterized protein C9orf85 homolog [Drosoph
>gi|1036737249|ref|XP_017153811.1| PREDICTED: uncharacterized protein LOC108163182 isoform X1
>gi|1036737267|ref|XP_017153820.1| PREDICTED: myb-like protein I isoform X2 [Drosophila mirand
>gi|1036737281|ref|XP 017153828.1| PREDICTED: espin isoform X3 [Drosophila miranda]
>gi|1036704126|ref|XP_017134701.1| PREDICTED: uncharacterized protein LOC108150899 [Drosophila
>gi|1036704439|ref|XP 017134894.1| PREDICTED: uncharacterized protein LOC108151036 [Drosophila
>gi|1036733525|ref|XP_017151683.1| PREDICTED: plastin-1 isoform X1 [Drosophila miranda]
>gi|1036733543|ref|XP_017151691.1| PREDICTED: plastin-1 isoform X2 [Drosophila miranda]
>gi|1036746470|ref|XP_017156110.1| PREDICTED: uncharacterized protein C6orf106 homolog [Drosop
>gi|1036754219|ref|XP_017156545.1| PREDICTED: homeobox protein B-H2 [Drosophila miranda]
>gi|1036755435|ref|XP_017156616.1| PREDICTED: homeobox protein B-H1 isoform X1 [Drosophila mire
>gi|1036755454|ref|XP_017156617.1| PREDICTED: homeobox protein B-H1 isoform X2 [Drosophila mire
>gi|1036704924|ref|XP_017135242.1| PREDICTED: E3 SUMO-protein ligase PIAS1-like [Drosophila mi
>gi|1036735263|ref|XP_017152676.1| PREDICTED: probable ATP-dependent RNA helicase CG8611 [Dros
>gi|1036707111|ref|XP_017136761.1| PREDICTED: uncharacterized protein LOC108152152 [Drosophila
>gi|1036741379|ref|XP_017155826.1| PREDICTED: cytosolic endo-beta-N-acetylglucosaminidase [Dropleta-N-acetylglucosaminidase [Dropleta-N-acetyl
>gi|1036741396|ref|XP_017155827.1| PREDICTED: cytosolic endo-beta-N-acetylglucosaminidase [Dros
>gi|1036741445|ref|XP_017155830.1| PREDICTED: uncharacterized protein LOC108164539 isoform X2
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>gi|1036741426|ref|XP\_017155829.1| PREDICTED: uncharacterized protein LOC108164539 isoform X1

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>gi|1036741413|ref|XP_017155828.1| PREDICTED: uncharacterized protein LOC108164538 [Drosophila
>gi|1036757284|ref|XP_017156716.1| PREDICTED: uncharacterized protein LOC108165160 [Drosophila
>gi|1036698734|ref|XP_017135031.1| PREDICTED: acidic leucine-rich nuclear phosphoprotein 32-ref
>gi|1036747464|ref|XP_017156170.1| PREDICTED: ubiquitin-like modifier-activating enzyme 5 [Dros
>gi|1036747798|ref|XP 017156190.1| PREDICTED: signal peptidase complex subunit 2 [Drosophila m
>gi|1036747779|ref|XP_017156189.1| PREDICTED: probable tubulin beta chain CG32396 [Drosophila i
>gi|1036710810|ref|XP 017139125.1| PREDICTED: death-associated protein kinase related-like [Dref
>gi|1036710827|ref|XP_017139133.1| PREDICTED: death-associated protein kinase related-like [Dr
>gi|1036698751|ref|XP_017135152.1| PREDICTED: death-associated protein kinase related, partial
>gi|1036698770|ref|XP_017135281.1| PREDICTED: cytochrome P450 4g15-like, partial [Drosophila m
>gi|1036704155|ref|XP_017134724.1| PREDICTED: uncharacterized protein LOC108150906 isoform X2
>gi|1036704141|ref|XP_017134715.1| PREDICTED: uncharacterized protein LOC108150906 isoform X1
>gi|1036704173|ref|XP_017134732.1| PREDICTED: uncharacterized protein LOC108150906 isoform X3
>gi|1036698781|ref|XP_017135401.1| PREDICTED: maternal protein exuperantia-2-like [Drosophila 1
>gi|1036751808|ref|XP_017156397.1| PREDICTED: cytochrome P450 4g15 isoform X1 [Drosophila mirate
>gi|1036751825|ref|XP_017156398.1| PREDICTED: cytochrome P450 4g15 isoform X2 [Drosophila mirated
>gi|1036750023|ref|XP_017156299.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036750042|ref|XP_017156300.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036750062|ref|XP_017156301.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036750006|ref|XP 017156298.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036750083|ref|XP_017156302.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036750102|ref|XP 017156303.1| PREDICTED: TWiK family of potassium channels protein 7 isof
>gi|1036720713|ref|XP_017144781.1| PREDICTED: neurofilament heavy polypeptide [Drosophila mirated]
>gi|1036720694|ref|XP_017144769.1| PREDICTED: protein flightless-1 [Drosophila miranda]
>gi|1036747985|ref|XP_017156197.1| PREDICTED: protein tweety isoform X1 [Drosophila miranda]
>gi|1036748002|ref|XP_017156198.1| PREDICTED: protein tweety isoform X1 [Drosophila miranda]
>gi|1036748021|ref|XP_017156199.1| PREDICTED: protein tweety isoform X1 [Drosophila miranda]
>gi|1036748038|ref|XP_017156200.1| PREDICTED: protein tweety isoform X1 [Drosophila miranda]
>gi|1036748053|ref|XP_017156201.1| PREDICTED: protein tweety isoform X2 [Drosophila miranda]
>gi|1036748070|ref|XP_017156202.1| PREDICTED: protein tweety isoform X3 [Drosophila miranda]
>gi|1036742160|ref|XP_017155868.1| PREDICTED: pyridoxal-dependent decarboxylase domain-contain
>gi|1036757908|ref|XP_017156749.1| PREDICTED: OTU domain-containing protein 1-like [Drosophila
>gi|1036757927|ref|XP_017156750.1| PREDICTED: OTU domain-containing protein 1-like [Drosophila
>gi|1036726043|ref|XP_017147530.1| PREDICTED: acetylcholine receptor subunit alpha-like [Droso
>gi|1036726076|ref|XP 017147552.1| PREDICTED: uncharacterized protein LOC108159091 isoform X2
>gi|1036726063|ref|XP_017147543.1| PREDICTED: uncharacterized protein LOC108159091 isoform X1
>gi|1036726093|ref|XP_017147565.1| PREDICTED: pyridoxine/pyridoxamine 5'-phosphate oxidase [Dr
>gi|1036726024|ref|XP_017147517.1| PREDICTED: uncharacterized protein LOC108159070 isoform X2
>gi|1036726005|ref|XP_017147510.1| PREDICTED: uncharacterized protein LOC108159070 isoform X1
>gi|1036726112|ref|XP_017147578.1| PREDICTED: uncharacterized protein LOC108159109 [Drosophila
>gi|1036747817|ref|XP_017156191.1| PREDICTED: protein RFT1 homolog [Drosophila miranda]
>gi|1036726492|ref|XP_017147819.1| PREDICTED: uncharacterized protein LOC108159225 [Drosophila
>gi|1036726505|ref|XP_017147832.1| PREDICTED: UDP-N-acetylglucosamine transporter [Drosophila i
>gi|1036726524|ref|XP_017147846.1| PREDICTED: translation initiation factor eIF-2B subunit beta
>gi|1036726541|ref|XP_017147858.1| PREDICTED: phosphoglycolate phosphatase 2 [Drosophila miran-
>gi|1036726439|ref|XP_017147786.1| PREDICTED: uncharacterized protein LOC108159214 isoform X1
>gi|1036726458|ref|XP_017147797.1| PREDICTED: uncharacterized protein LOC108159214 isoform X2
>gi|1036726476|ref|XP_017147807.1| PREDICTED: uncharacterized protein LOC108159214 isoform X3
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>gi|1036745594|ref|XP_017156057.1| PREDICTED: WW domain-binding protein 11 [Drosophila miranda]
>gi|1036732702|ref|XP_017151275.1| PREDICTED: activating signal cointegrator 1 complex subunit
>gi|1036732723|ref|XP_017151287.1| PREDICTED: mitosis initiation protein fs(1)Ya [Drosophila m
>gi|1036732742|ref|XP_017151298.1| PREDICTED: RING finger protein vilya isoform X1 [Drosophila
>gi|1036732761|ref|XP 017151306.1| PREDICTED: RING finger protein vilya isoform X2 [Drosophila
>gi|1036718943|ref|XP_017143840.1| PREDICTED: zinc finger protein 391 [Drosophila miranda]
>gi|1036718964|ref|XP 017143851.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036698798|ref|XP_017135524.1| PREDICTED: zinc finger protein 569 [Drosophila miranda]
>gi|1036718923|ref|XP_017143828.1| PREDICTED: protein cramped [Drosophila miranda]
>gi|1036718983|ref|XP_017143862.1| PREDICTED: syntaxin-4 isoform X1 [Drosophila miranda]
>gi|1036719003|ref|XP_017143871.1| PREDICTED: syntaxin-4 isoform X2 [Drosophila miranda]
>gi|1036705326|ref|XP 017135528.1| PREDICTED: uncharacterized protein LOC108151430 isoform X2
>gi|1036705311|ref|XP_017135519.1| PREDICTED: uncharacterized protein LOC108151430 isoform X1
>gi|1036752884|ref|XP_017156465.1| PREDICTED: uncharacterized protein LOC108164964 [Drosophila
>gi|1036752901|ref|XP_017156466.1| PREDICTED: uncharacterized protein LOC108164964 [Drosophila
>gi|1036698813|ref|XP_017135648.1| PREDICTED: POC1 centriolar protein homolog A-like [Drosophi
>gi|1036752919|ref|XP_017156467.1| PREDICTED: ARL-6-interacting protein 1 homolog [Drosophila in the content of the content of
>gi|1036703713|ref|XP_017157108.1| PREDICTED: uncharacterized protein LOC108165541 [Drosophila
>gi|1036707146|ref|XP_017136781.1| PREDICTED: uncharacterized protein LOC108152167 [Drosophila
>gi|1036698828|ref|XP 017135766.1| PREDICTED: uncharacterized protein LOC108151568 [Drosophila
>gi|1036757172|ref|XP_017156709.1| PREDICTED: TAF5-like RNA polymerase II p300/CBP-associated:
>gi|1036705033|ref|XP 017135326.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1-like [Drosophi
>gi|1036735617|ref|XP_017152866.1| PREDICTED: transmembrane protein 120 homolog isoform X1 [Dr
>gi|1036735635|ref|XP_017152876.1| PREDICTED: transmembrane protein 120 homolog isoform X2 [Dr
>gi|1036735598|ref|XP_017152854.1| PREDICTED: protein white isoform X2 [Drosophila miranda]
>gi|1036735579|ref|XP_017152845.1| PREDICTED: protein white isoform X1 [Drosophila miranda]
>gi|1036735650|ref|XP_017152888.1| PREDICTED: protein angel-like [Drosophila miranda]
>gi|1036705224|ref|XP_017135465.1| PREDICTED: RNA polymerase-associated protein Rtf1 [Drosophi
>gi|1036704350|ref|XP_017134836.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036705156|ref|XP_017135417.1| PREDICTED: protein germ cell-less-like [Drosophila miranda]
>gi|1036705135|ref|XP_017135405.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036698842|ref|XP_017135892.1| PREDICTED: anaphase-promoting complex subunit cdh1 [Drosoph
>gi|1036698859|ref|XP 017136018.1| PREDICTED: uncharacterized protein LOC108151713 [Drosophila
>gi|1036698874|ref|XP_017136145.1| PREDICTED: putative cyclin-dependent serine/threonine-prote
>gi|1036706528|ref|XP 017136355.1| PREDICTED: cell wall protein DAN4 [Drosophila miranda]
>gi|1036756826|ref|XP_017156692.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 [Drosophila mi
>gi|1036755996|ref|XP 017156644.1| PREDICTED: glycine, alanine and asparagine-rich protein [Dr
>gi|1036708233|ref|XP_017137508.1| PREDICTED: uncharacterized protein LOC108152577 [Drosophila
>gi|1036698889|ref|XP_017136270.1| PREDICTED: eukaryotic translation initiation factor 4 gamma
>gi|1036706634|ref|XP_017136437.1| PREDICTED: uncharacterized protein LOC108151980 [Drosophila
>gi|1036698904|ref|XP_017136392.1| PREDICTED: PH domain-containing protein DDB_G0287875 [Droso
>gi|1036698917|ref|XP_017136516.1| PREDICTED: putative uncharacterized protein DDB_G0274435 [Di
>gi|1036698931|ref|XP 017136644.1| PREDICTED: protein PRY2 [Drosophila miranda]
>gi|1036698948|ref|XP_017136777.1| PREDICTED: uncharacterized protein LOC108152142 [Drosophila
>gi|1036698961|ref|XP_017136902.1| PREDICTED: uncharacterized protein LOC108152210 [Drosophila
>gi|1036754447|ref|XP_017156558.1| PREDICTED: estradiol 17-beta-dehydrogenase 8 [Drosophila mi
>gi|1036739106|ref|XP_017154782.1| PREDICTED: irregular chiasm C-roughest protein [Drosophila i
>gi|1036703531|ref|XP_017157001.1| PREDICTED: uncharacterized protein LOC108165462 [Drosophila
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>gi|1036751645|ref|XP_017156389.1| PREDICTED: uncharacterized protein LOC108164914 [Drosophila
>gi|1036698975|ref|XP_017137021.1| PREDICTED: jacalin-related lectin 34 [Drosophila miranda]
>gi|1036755261|ref|XP 017156606.1| PREDICTED: hepatoma-derived growth factor-related protein 2
>gi|1036755277|ref|XP_017156607.1| PREDICTED: uncharacterized protein LOC108165069 isoform X2
>gi|1036715997|ref|XP 017142187.1| PREDICTED: irregular chiasm C-roughest protein isoform X1 [
>gi|1036716017|ref|XP_017142194.1| PREDICTED: irregular chiasm C-roughest protein isoform X2 [
>gi|1036716037|ref|XP_017142203.1| PREDICTED: irregular chiasm C-roughest protein isoform X2 [
>gi|1036715979|ref|XP_017142172.1| PREDICTED: neurogenic locus Notch protein [Drosophila miran-
>gi|1036752611|ref|XP_017156446.1| PREDICTED: UPF0729 protein GD16342 [Drosophila miranda]
>gi|1036742016|ref|XP_017155862.1| PREDICTED: follicle cell protein 3C-1 [Drosophila miranda]
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>gi|1036719280|ref|XP_017144018.1| PREDICTED: uncharacterized protein LOC108156826 [Drosophila
>gi|1036719338|ref|XP_017144056.1| PREDICTED: protein new-glue 3-like [Drosophila miranda]
>gi|1036719319|ref|XP_017144043.1| PREDICTED: protein new-glue 3-like [Drosophila miranda]
>gi|1036719360|ref|XP_017144068.1| PREDICTED: protein new-glue 3-like [Drosophila miranda]
>gi|1036719299|ref|XP_017144031.1| PREDICTED: alpha-tubulin N-acetyltransferase 1-like [Drosop
>gi|1036719037|ref|XP_017143911.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719054|ref|XP_017143919.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719074|ref|XP_017143927.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719095|ref|XP_017143936.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719120|ref|XP_017143944.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719139|ref|XP_017143952.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
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>gi|1036719179|ref|XP_017143969.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719197|ref|XP_017143976.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase, is
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>gi|1036719219|ref|XP_017143984.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036719244|ref|XP_017143993.1| PREDICTED: cAMP-specific 3',5'-cyclic phosphodiesterase iso
>gi|1036739750|ref|XP_017155172.1| PREDICTED: septin-5 isoform X1 [Drosophila miranda]
>gi|1036739769|ref|XP_017155178.1| PREDICTED: septin-5 isoform X2 [Drosophila miranda]
>gi|1036698998|ref|XP_017137147.1| PREDICTED: transmembrane protease serine 9-like [Drosophila
>gi|1036746332|ref|XP 017156100.1| PREDICTED: trypsin beta [Drosophila miranda]
>gi|1036746368|ref|XP_017156102.1| PREDICTED: serine protease SP24D [Drosophila miranda]
>gi|1036746351|ref|XP 017156101.1| PREDICTED: serine protease SP24D [Drosophila miranda]
>gi|1036746225|ref|XP_017156094.1| PREDICTED: carboxypeptidase D isoform X1 [Drosophila mirand
>gi|1036746244|ref|XP_017156095.1| PREDICTED: carboxypeptidase D isoform X1 [Drosophila mirand
>gi|1036746263|ref|XP_017156096.1| PREDICTED: carboxypeptidase D isoform X2 [Drosophila mirand
>gi|1036746282|ref|XP_017156097.1| PREDICTED: carboxypeptidase D isoform X3 [Drosophila mirand
>gi|1036746297|ref|XP_017156098.1| PREDICTED: carboxypeptidase D isoform X4 [Drosophila mirand
>gi|1036746314|ref|XP_017156099.1| PREDICTED: carboxypeptidase D isoform X5 [Drosophila mirand
>gi|1036746209|ref|XP_017156093.1| PREDICTED: uncharacterized protein LOC108164719 [Drosophila
>gi|1036728992|ref|XP_017149297.1| PREDICTED: transforming growth factor beta-1-induced transc
>gi|1036729007|ref|XP_017149305.1| PREDICTED: transforming growth factor beta-1-induced transc
>gi|1036728909|ref|XP_017149239.1| PREDICTED: uncharacterized protein LOC108160007 isoform X2
>gi|1036728889|ref|XP_017149230.1| PREDICTED: uncharacterized protein LOC108160007 isoform X1
>gi|1036728873|ref|XP_017149217.1| PREDICTED: endothelin-converting enzyme 1-like isoform X2 [
>gi|1036728855|ref|XP_017149208.1| PREDICTED: endothelin-converting enzyme 1-like isoform X1 [
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>gi|1036728940|ref|XP_017149263.1| PREDICTED: uncharacterized protein LOC108160031 [Drosophila
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>gi|1036728976|ref|XP_017149286.1| PREDICTED: uncharacterized protein LOC108160049 [Drosophila
>gi|1036728925|ref|XP_017149251.1| PREDICTED: keratin, type I cytoskeletal 10-like [Drosophila
>gi|1036704855|ref|XP 017135194.1| PREDICTED: casein kinase II subunit beta'-like [Drosophila 1
>gi|1036753532|ref|XP_017156504.1| PREDICTED: TWiK family of potassium channels protein 7 [Dros
>gi|1036753553|ref|XP 017156505.1| PREDICTED: lanC-like protein 3 homolog [Drosophila miranda]
>gi|1036752754|ref|XP_017156455.1| PREDICTED: transmembrane emp24 domain-containing protein 2
>gi|1036743155|ref|XP 017155927.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036743136|ref|XP_017155926.1| PREDICTED: uncharacterized protein LOC108164598 [Drosophila
>gi|1036730851|ref|XP_017150432.1| PREDICTED: uncharacterized protein LOC108160747 [Drosophila
>gi|1036730833|ref|XP_017150421.1| PREDICTED: structural maintenance of chromosomes protein 3
>gi|1036727974|ref|XP_017148695.1| PREDICTED: LOW QUALITY PROTEIN: serine/threonine-protein ph
>gi|1036736569|ref|XP_017153421.1| PREDICTED: actin-related protein 2 isoform X1 [Drosophila m
>gi|1036736587|ref|XP_017153430.1| PREDICTED: actin-related protein 2 isoform X1 [Drosophila m
>gi|1036736607|ref|XP_017153438.1| PREDICTED: actin-related protein 2 isoform X2 [Drosophila m
>gi|1036756469|ref|XP_017156672.1| PREDICTED: proteasome subunit beta type-3-like [Drosophila n
>gi|1036756487|ref|XP_017156673.1| PREDICTED: proteasome subunit beta type-3-like [Drosophila 1
>gi|1036756505|ref|XP_017156674.1| PREDICTED: proteasome subunit beta type-3-like [Drosophila i
>gi|1036738091|ref|XP 017154268.1| PREDICTED: sodium channel protein para isoform X1 [Drosophi
>gi|1036738109|ref|XP_017154276.1| PREDICTED: sodium channel protein para isoform X2 [Drosophi
>gi|1036738359|ref|XP 017154388.1| PREDICTED: sodium channel protein para isoform X15 [Drosoph
>gi|1036738197|ref|XP_017154320.1| PREDICTED: sodium channel protein para isoform X7 [Drosophi
>gi|1036738461|ref|XP_017154434.1| PREDICTED: sodium channel protein para isoform X21 [Drosoph
>gi|1036738127|ref|XP_017154285.1| PREDICTED: sodium channel protein para isoform X3 [Drosophi
>gi|1036738145|ref|XP_017154294.1| PREDICTED: sodium channel protein para isoform X4 [Drosophi
>gi|1036738429|ref|XP_017154417.1| PREDICTED: sodium channel protein para isoform X19 [Drosoph
>gi|1036738262|ref|XP_017154357.1| PREDICTED: sodium channel protein para isoform X11 [Drosoph
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>gi|1036738325|ref|XP_017154373.1| PREDICTED: sodium channel protein para isoform X13 [Drosoph
>gi|1036738507|ref|XP_017154459.1| PREDICTED: sodium channel protein para isoform X24 [Drosoph
>gi|1036738375|ref|XP_017154396.1| PREDICTED: sodium channel protein para isoform X16 [Drosoph
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>gi|1036738230|ref|XP_017154337.1| PREDICTED: sodium channel protein para isoform X9 [Drosophi
>gi|1036738212|ref|XP 017154329.1| PREDICTED: sodium channel protein para isoform X8 [Drosophi
>gi|1036738475|ref|XP_017154442.1| PREDICTED: sodium channel protein para isoform X22 [Drosoph
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>gi|1036738576|ref|XP_017154491.1| PREDICTED: sodium channel protein para isoform X28 [Drosoph
>gi|1036738610|ref|XP_017154508.1| PREDICTED: sodium channel protein para isoform X30 [Drosoph
>gi|1036738179|ref|XP_017154312.1| PREDICTED: sodium channel protein para isoform X6 [Drosophi
>gi|1036738646|ref|XP_017154525.1| PREDICTED: sodium channel protein para isoform X32 [Drosoph
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>gi|1036738447|ref|XP_017154426.1| PREDICTED: sodium channel protein para isoform X20 [Drosoph
>gi|1036738666|ref|XP_017154530.1| PREDICTED: sodium channel protein para isoform X33 [Drosoph
>gi|1036706974|ref|XP 017136670.1| PREDICTED: eukaryotic translation initiation factor 4H isof
>gi|1036706934|ref|XP_017136649.1| PREDICTED: eukaryotic translation initiation factor 4H isof
>gi|1036706955|ref|XP 017136659.1| PREDICTED: eukaryotic translation initiation factor 4H isof
>gi|1036707024|ref|XP_017136699.1| PREDICTED: eukaryotic translation initiation factor 2 subun
>gi|1036706875|ref|XP_017136615.1| PREDICTED: protein DDI1 homolog 2 [Drosophila miranda]
>gi|1036706991|ref|XP_017136682.1| PREDICTED: cell cycle control protein 50A [Drosophila miran-
>gi|1036706825|ref|XP_017136586.1| PREDICTED: zinc finger protein hangover isoform X2 [Drosoph
>gi|1036706808|ref|XP_017136578.1| PREDICTED: zinc finger protein hangover isoform X1 [Drosoph
>gi|1036706859|ref|XP_017136604.1| PREDICTED: zinc finger protein hangover isoform X4 [Drosoph
>gi|1036706842|ref|XP_017136596.1| PREDICTED: zinc finger protein hangover isoform X3 [Drosoph
>gi|1036706894|ref|XP_017136629.1| PREDICTED: regucalcin isoform X1 [Drosophila miranda]
>gi|1036706911|ref|XP_017136637.1| PREDICTED: regucalcin isoform X2 [Drosophila miranda]
>gi|1036707075|ref|XP_017136735.1| PREDICTED: chromatin accessibility complex protein 1 [Droso
>gi|1036707041|ref|XP_017136712.1| PREDICTED: protein LSM12 homolog A isoform X1 [Drosophila m
>gi|1036707058|ref|XP_017136721.1| PREDICTED: protein LSM12 homolog A isoform X2 [Drosophila m
>gi|1036710860|ref|XP 017139156.1| PREDICTED: pleiotropic regulator 1 [Drosophila miranda]
>gi|1036710844|ref|XP_017139146.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 7 [Drosoph
>gi|1036710877|ref|XP 017139168.1| PREDICTED: uncharacterized protein LOC108153594 [Drosophila
>gi|1036710928|ref|XP_017139206.1| PREDICTED: rhythmically expressed gene 2 protein [Drosophile
>gi|1036710894|ref|XP_017139181.1| PREDICTED: 26S protease regulatory subunit 10B [Drosophila 1
>gi|1036710911|ref|XP_017139193.1| PREDICTED: tRNA (guanine-N(7)-)-methyltransferase non-catal
>gi|1036710232|ref|XP_017138730.1| PREDICTED: kinesin-like protein Klp10A [Drosophila miranda]
>gi|1036710253|ref|XP_017138737.1| PREDICTED: kinesin-like protein Klp10A [Drosophila miranda]
>gi|1036710287|ref|XP_017138765.1| PREDICTED: uncharacterized protein LOC108153337 isoform X1
>gi|1036710309|ref|XP_017138776.1| PREDICTED: homeotic protein ocelliless isoform X2 [Drosophi
>gi|1036710412|ref|XP_017138847.1| PREDICTED: venom toxin OcyC11 [Drosophila miranda]
>gi|1036710393|ref|XP_017138836.1| PREDICTED: uncharacterized protein LOC108153373 [Drosophila
>gi|1036710376|ref|XP_017138824.1| PREDICTED: uncharacterized protein LOC108153357 isoform X2
>gi|1036710359|ref|XP_017138816.1| PREDICTED: uncharacterized protein LOC108153357 isoform X1
>gi|1036710342|ref|XP_017138805.1| PREDICTED: uncharacterized protein LOC108153349 [Drosophila
>gi|1036710326|ref|XP 017138791.1| PREDICTED: GTP-binding nuclear protein Ran [Drosophila mirat
>gi|1036710270|ref|XP_017138751.1| PREDICTED: probable G-protein coupled receptor Mth-like 1 [
>gi|1036741020|ref|XP 017155802.1| PREDICTED: DNA topoisomerase 3-beta [Drosophila miranda]
>gi|1036719809|ref|XP_017144302.1| PREDICTED: ubiquitin [Drosophila miranda]
>gi|1036719789|ref|XP_017144290.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1036719769|ref|XP_017144277.1| PREDICTED: zinc finger SWIM domain-containing protein 8 [Dr
>gi|1036699011|ref|XP_017137275.1| PREDICTED: 60S ribosomal protein L30-like [Drosophila mirane
>gi|1036723238|ref|XP_017145878.1| PREDICTED: CAD protein [Drosophila miranda]
>gi|1036723248|ref|XP 017145886.1| PREDICTED: uncharacterized protein LOC108158176 [Drosophila
>gi|1036699026|ref|XP_017137403.1| PREDICTED: LOW QUALITY PROTEIN: protein BUD31 homolog [Dros
>gi|1036723373|ref|XP_017145935.1| PREDICTED: uncharacterized protein LOC108158217 [Drosophila
>gi|1036723354|ref|XP_017145922.1| PREDICTED: protein sisterless A [Drosophila miranda]
>gi|1036699039|ref|XP_017137528.1| PREDICTED: uncharacterized protein LOC108152566 [Drosophila
>gi|1036723390|ref|XP_017145948.1| PREDICTED: uncharacterized protein LOC108158224 [Drosophila
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>gi|1036707200|ref|XP_017136817.1| PREDICTED: uncharacterized protein LOC108152181 isoform X2
>gi|1036704367|ref|XP_017134846.1| PREDICTED: uncharacterized protein LOC108151003 [Drosophila
>gi|1036704030|ref|XP 017134646.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036725562|ref|XP_017147235.1| PREDICTED: cytoplasmic dynein 1 light intermediate chain 1
>gi|1036725581|ref|XP_017147245.1| PREDICTED: cytoplasmic dynein 1 light intermediate chain 1
>gi|1036725683|ref|XP_017147298.1| PREDICTED: armadillo repeat-containing protein 2 [Drosophile
>gi|1036725661|ref|XP_017147286.1| PREDICTED: uncharacterized protein LOC108158962 [Drosophila
>gi|1036725600|ref|XP_017147257.1| PREDICTED: uncharacterized protein LOC108158945 isoform X1
>gi|1036725619|ref|XP_017147266.1| PREDICTED: uncharacterized protein LOC108158945 isoform X2
>gi|1036725638|ref|XP_017147273.1| PREDICTED: uncharacterized protein LOC108158945 isoform X3
>gi|1036725545|ref|XP_017147223.1| PREDICTED: uncharacterized protein LOC108158926 [Drosophila
>gi|1036735206|ref|XP_017152647.1| PREDICTED: bleomycin hydrolase [Drosophila miranda]
>gi|1036735225|ref|XP_017152659.1| PREDICTED: uncharacterized protein F58A4.6 [Drosophila mirated]
>gi|1036735244|ref|XP_017152667.1| PREDICTED: uncharacterized protein F58A4.6 [Drosophila mirated]
>gi|1036705294|ref|XP_017135507.1| PREDICTED: uncharacterized protein LOC108151424 [Drosophila
>gi|1036754095|ref|XP_017156537.1| PREDICTED: T-box transcription factor TBX1 [Drosophila mirated
>gi|1036704783|ref|XP_017135141.1| PREDICTED: uncharacterized protein LOC108151194 [Drosophila
>gi|1036754656|ref|XP 017156570.1| PREDICTED: uncharacterized protein LOC108165043 [Drosophila
>gi|1036703385|ref|XP_017156917.1| PREDICTED: very low-density lipoprotein receptor-like [Dros
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>gi|1036744849|ref|XP_017156011.1| PREDICTED: protein DGCR14 homolog [Drosophila miranda]
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>gi|1036744766|ref|XP_017156008.1| PREDICTED: uncharacterized protein LOC108164665 isoform X2
>gi|1036744731|ref|XP_017156006.1| PREDICTED: uncharacterized protein LOC108164663 isoform X2
>gi|1036744713|ref|XP_017156005.1| PREDICTED: uncharacterized protein LOC108164663 isoform X1
>gi|1036704836|ref|XP 017135182.1| PREDICTED: putative mediator of RNA polymerase II transcrip
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>gi|1036726150|ref|XP_017147604.1| PREDICTED: protein ovarian tumor locus isoform X1 [Drosophi
>gi|1036726189|ref|XP 017147621.1| PREDICTED: protein ovarian tumor locus isoform X1 [Drosophi
>gi|1036726280|ref|XP_017147668.1| PREDICTED: solute carrier family 41 member 1 isoform X5 [Dr
>gi|1036726257|ref|XP_017147658.1| PREDICTED: solute carrier family 41 member 1 isoform X4 [Dref|XP_017147658.1]
>gi|1036726241|ref|XP_017147648.1| PREDICTED: solute carrier family 41 member 2 isoform X3 [Dr
>gi|1036726204|ref|XP_017147632.1| PREDICTED: solute carrier family 41 member 1 isoform X1 [Dr
>gi|1036726222|ref|XP_017147640.1| PREDICTED: solute carrier family 41 member 1 isoform X2 [Dr
>gi|1036734410|ref|XP_017152186.1| PREDICTED: kinetochore protein NDC80 homolog [Drosophila mi
>gi|1036734394|ref|XP_017152174.1| PREDICTED: late secretory pathway protein AVL9 homolog [Dros
>gi|1036750613|ref|XP_017156329.1| PREDICTED: troponin T, skeletal muscle isoform X2 [Drosophi
>gi|1036750594|ref|XP_017156328.1| PREDICTED: troponin T, skeletal muscle isoform X1 [Drosophi
>gi|1036750665|ref|XP_017156332.1| PREDICTED: troponin T, skeletal muscle isoform X5 [Drosophi
>gi|1036750629|ref|XP_017156330.1| PREDICTED: troponin T, skeletal muscle isoform X3 [Drosophi
>gi|1036750832|ref|XP_017156343.1| PREDICTED: troponin T, skeletal muscle isoform X14 [Drosoph
>gi|1036750648|ref|XP_017156331.1| PREDICTED: troponin T, skeletal muscle isoform X4 [Drosophi
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>gi|1036750812|ref|XP_017156342.1| PREDICTED: troponin T, skeletal muscle isoform X13 [Drosoph
>gi|1036750760|ref|XP_017156339.1| PREDICTED: troponin T, skeletal muscle isoform X10 [Drosoph
>gi|1036750741|ref|XP_017156338.1| PREDICTED: troponin T, skeletal muscle isoform X9 [Drosophi
>gi|1036750795|ref|XP_017156341.1| PREDICTED: troponin T, skeletal muscle isoform X12 [Drosoph
>gi|1036750777|ref|XP 017156340.1| PREDICTED: troponin T, skeletal muscle isoform X11 [Drosoph
>gi|1036750684|ref|XP_017156333.1| PREDICTED: troponin T, skeletal muscle isoform X6 [Drosophi
>gi|1036750703|ref|XP_017156334.1| PREDICTED: troponin T, skeletal muscle isoform X7 [Drosophi
>gi|1036750722|ref|XP_017156335.1| PREDICTED: troponin T, skeletal muscle isoform X8 [Drosophi
>gi|1036727090|ref|XP_017148180.1| PREDICTED: protein-tyrosine sulfotransferase isoform X1 [Dr
>gi|1036727109|ref|XP_017148188.1| PREDICTED: protein-tyrosine sulfotransferase isoform X1 [Dr
>gi|1036727126|ref|XP_017148197.1| PREDICTED: protein-tyrosine sulfotransferase isoform X2 [Dref|XP_017148197.1]
>gi|1036703433|ref|XP 017156947.1| PREDICTED: sperm flagellar protein 1-like [Drosophila miran
>gi|1036703450|ref|XP_017156955.1| PREDICTED: sperm flagellar protein 1-like [Drosophila miran-
>gi|1036703463|ref|XP_017156961.1| PREDICTED: sperm flagellar protein 1-like [Drosophila miran
>gi|1036707302|ref|XP_017136877.1| PREDICTED: uncharacterized protein LOC108152215 [Drosophila
>gi|1036706709|ref|XP_017136517.1| PREDICTED: uncharacterized protein LOC108152033 [Drosophila
>gi|1036705173|ref|XP_017135429.1| PREDICTED: uncharacterized protein LOC108151374 [Drosophila
>gi|1036705190|ref|XP_017135436.1| PREDICTED: uncharacterized protein LOC108151374 [Drosophila
>gi|1036706404|ref|XP_017136278.1| PREDICTED: larval cuticle protein LCP-14 [Drosophila mirand
>gi|1036705689|ref|XP 017135760.1| PREDICTED: uncharacterized protein LOC108151588 [Drosophila
>gi|1036707234|ref|XP_017136842.1| PREDICTED: uncharacterized protein LOC108152195 [Drosophila
>gi|1036737335|ref|XP 017153863.1| PREDICTED: uncharacterized protein LOC108163215 [Drosophila
>gi|1036737350|ref|XP_017153874.1| PREDICTED: mucin-2-like [Drosophila miranda]
>gi|1036757320|ref|XP_017156718.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
>gi|1036757339|ref|XP_017156719.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
>gi|1036757354|ref|XP_017156720.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
>gi|1036752846|ref|XP_017156461.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
>gi|1036752865|ref|XP_017156462.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
>gi|1036699054|ref|XP_017137653.1| PREDICTED: proteasome subunit alpha type-2-like, partial [Di
>gi|1036725774|ref|XP_017147365.1| PREDICTED: protein LST8 homolog [Drosophila miranda]
>gi|1036725755|ref|XP_017147351.1| PREDICTED: ADP-ribosylation factor-binding protein GGA2 [Dref|XP_017147351.1]
>gi|1036725793|ref|XP_017147377.1| PREDICTED: 40S ribosomal protein S5a [Drosophila miranda]
>gi|1036699069|ref|XP_017137778.1| PREDICTED: uncharacterized protein LOC108152715 [Drosophila
>gi|1036742141|ref|XP_017155867.1| PREDICTED: uncharacterized protein LOC108164561 isoform X2
>gi|1036742123|ref|XP 017155866.1| PREDICTED: uncharacterized protein LOC108164561 isoform X1
>gi|1036752972|ref|XP_017156470.1| PREDICTED: nuclear transcription factor Y subunit gamma-lik
>gi|1036752955|ref|XP_017156469.1| PREDICTED: uncharacterized protein LOC108164968 [Drosophila
>gi|1036731537|ref|XP_017150762.1| PREDICTED: uncharacterized protein LOC108160971 isoform X1
>gi|1036731556|ref|XP_017150770.1| PREDICTED: sterol 3-beta-glucosyltransferase isoform X2 [Dr
>gi|1036731573|ref|XP_017150778.1| PREDICTED: pleckstrin homology-like domain family B member
>gi|1036745632|ref|XP_017156059.1| PREDICTED: coatomer subunit delta [Drosophila miranda]
>gi|1036712871|ref|XP_017140293.1| PREDICTED: LOW QUALITY PROTEIN: acidic repeat-containing pro-
>gi|1036712972|ref|XP 017140349.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036712888|ref|XP_017140304.1| PREDICTED: peroxisomal targeting signal 1 receptor [Drosoph
>gi|1036712853|ref|XP_017140283.1| PREDICTED: protein MMS22-like [Drosophila miranda]
>gi|1036712955|ref|XP_017140341.1| PREDICTED: serine/threonine-protein phosphatase Pgam5, mito-
>gi|1036712938|ref|XP_017140333.1| PREDICTED: serine/threonine-protein phosphatase Pgam5, mito
>gi|1036712905|ref|XP_017140315.1| PREDICTED: calphotin isoform X1 [Drosophila miranda]
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>gi|1036712922|ref|XP_017140323.1| PREDICTED: GATA type zinc finger protein asd-4 isoform X2 [
>gi|1036748739|ref|XP_017156228.1| PREDICTED: cytochrome P450 4d1 isoform X2 [Drosophila miran-
>gi|1036748720|ref|XP_017156227.1| PREDICTED: cytochrome P450 4d1 isoform X1 [Drosophila mirane
>gi|1036748758|ref|XP_017156229.1| PREDICTED: uncharacterized protein LOC108164819 [Drosophila
>gi|1036748815|ref|XP 017156232.1| PREDICTED: E3 ubiquitin-protein ligase RNF125-like [Drosoph
>gi|1036748777|ref|XP_017156230.1| PREDICTED: uncharacterized protein LOC108164820 isoform X1
>gi|1036748796|ref|XP 017156231.1| PREDICTED: uncharacterized protein LOC108164820 isoform X2
>gi|1036723794|ref|XP_017146152.1| PREDICTED: open rectifier potassium channel protein 1 isofo
>gi|1036723776|ref|XP_017146144.1| PREDICTED: open rectifier potassium channel protein 1 isofo
>gi|1036723813|ref|XP_017146163.1| PREDICTED: open rectifier potassium channel protein 1 isofo
>gi|1036723758|ref|XP_017146133.1| PREDICTED: putative ATP-dependent RNA helicase DHX57 [Droso
>gi|1036723830|ref|XP 017146173.1| PREDICTED: uncharacterized protein LOC108158413 [Drosophila
>gi|1036705723|ref|XP_017135784.1| PREDICTED: uncharacterized protein LOC108151605 [Drosophila
>gi|1036706264|ref|XP_017136184.1| PREDICTED: E3 ubiquitin-protein ligase RNF125-like [Drosoph
>gi|1036707319|ref|XP_017136890.1| PREDICTED: cytochrome P450 4d1-like [Drosophila miranda]
>gi|1036745068|ref|XP_017156025.1| PREDICTED: uncharacterized protein LOC108164679 isoform X1
>gi|1036745087|ref|XP_017156026.1| PREDICTED: uncharacterized protein LOC108164679 isoform X1
>gi|1036745106|ref|XP_017156027.1| PREDICTED: uncharacterized protein LOC108164679 isoform X2
>gi|1036745125|ref|XP_017156028.1| PREDICTED: uncharacterized protein LOC108164679 isoform X3
>gi|1036745143|ref|XP 017156029.1| PREDICTED: uncharacterized protein LOC108164679 isoform X4
>gi|1036745809|ref|XP_017156068.1| PREDICTED: methylmalonic aciduria and homocystinuria type D
>gi|1036745827|ref|XP_017156069.1| PREDICTED: methylmalonic aciduria and homocystinuria type D
>gi|1036745846|ref|XP_017156070.1| PREDICTED: COMM domain-containing protein 3 [Drosophila mire
>gi|1036753185|ref|XP_017156483.1| PREDICTED: neuferricin homolog [Drosophila miranda]
>gi|1036726315|ref|XP_017147713.1| PREDICTED: glutamate--cysteine ligase [Drosophila miranda]
>gi|1036726334|ref|XP_017147722.1| PREDICTED: glutamate--cysteine ligase [Drosophila miranda]
>gi|1036726350|ref|XP_017147730.1| PREDICTED: glutamate--cysteine ligase [Drosophila miranda]
>gi|1036726367|ref|XP_017147738.1| PREDICTED: glutamate--cysteine ligase [Drosophila miranda]
>gi|1036726386|ref|XP_017147752.1| PREDICTED: nudC domain-containing protein 1 [Drosophila mire
>gi|1036726404|ref|XP_017147764.1| PREDICTED: transmembrane emp24 domain-containing protein 3
>gi|1036726422|ref|XP_017147774.1| PREDICTED: transmembrane emp24 domain-containing protein 3
>gi|1036699084|ref|XP_017137898.1| PREDICTED: transcription factor SPT20 homolog [Drosophila m
>gi|1036703584|ref|XP_017157032.1| PREDICTED: probable cytochrome P450 28c1 [Drosophila mirand
>gi|1036699098|ref|XP_017138026.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036709050|ref|XP 017138009.1| PREDICTED: breast carcinoma-amplified sequence 3 homolog is
>gi|1036708999|ref|XP_017137984.1| PREDICTED: uncharacterized protein LOC108152864 isoform X1
>gi|1036709016|ref|XP_017137992.1| PREDICTED: uncharacterized protein LOC108152864 isoform X1
>gi|1036709033|ref|XP_017138000.1| PREDICTED: uncharacterized protein LOC108152864 isoform X1
>gi|1036709065|ref|XP_017138021.1| PREDICTED: uncharacterized protein LOC108152890 [Drosophila
>gi|1036709079|ref|XP_017138031.1| PREDICTED: uncharacterized protein LOC108152890 [Drosophila
>gi|1036709100|ref|XP_017138042.1| PREDICTED: heat shock 70 kDa protein cognate 3 [Drosophila i
>gi|1036709119|ref|XP_017138051.1| PREDICTED: heat shock 70 kDa protein cognate 3 [Drosophila i
>gi|1036709136|ref|XP_017138061.1| PREDICTED: heat shock 70 kDa protein cognate 3 [Drosophila i
>gi|1036718613|ref|XP_017143633.1| PREDICTED: casein kinase II subunit beta isoform X1 [Drosop
>gi|1036718631|ref|XP_017143639.1| PREDICTED: casein kinase II subunit beta isoform X1 [Drosop
>gi|1036718647|ref|XP_017143648.1| PREDICTED: casein kinase II subunit beta isoform X2 [Drosop
>gi|1036718576|ref|XP_017143609.1| PREDICTED: testis-expressed sequence 10 protein homolog [Dr
>gi|1036718594|ref|XP_017143621.1| PREDICTED: WD repeat-containing protein 46 [Drosophila mirated
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>gi|1036755664|ref|XP_017156625.1| PREDICTED: uncharacterized protein LOC108165085 [Drosophila
>gi|1036710446|ref|XP_017138874.1| PREDICTED: transcriptional repressor CTCF [Drosophila miran-
>gi|1036710429|ref|XP_017138860.1| PREDICTED: dynein regulatory complex protein 1 homolog [Dros
>gi|1036710523|ref|XP_017138934.1| PREDICTED: zinc finger protein 311 isoform X1 [Drosophila m
>gi|1036710536|ref|XP_017138943.1| PREDICTED: zinc finger protein 311 isoform X2 [Drosophila m
>gi|1036710480|ref|XP_017138900.1| PREDICTED: mothers against decapentaplegic homolog 3 [Droso
>gi|1036710553|ref|XP 017138955.1| PREDICTED: uncharacterized protein LOC108153446 [Drosophila
>gi|1036710463|ref|XP_017138887.1| PREDICTED: phenylalanine--tRNA ligase alpha subunit [Drosop
>gi|1036710496|ref|XP_017138912.1| PREDICTED: zinc finger protein 311 [Drosophila miranda]
>gi|1036710570|ref|XP_017138968.1| PREDICTED: zinc finger protein 32 [Drosophila miranda]
>gi|1036710510|ref|XP_017138923.1| PREDICTED: zinc finger protein 813 [Drosophila miranda]
>gi|1036754365|ref|XP_017156553.1| PREDICTED: guanine nucleotide-binding protein subunit beta-
>gi|1036751364|ref|XP_017156373.1| PREDICTED: zinc finger protein 32 [Drosophila miranda]
>gi|1036745562|ref|XP_017156055.1| PREDICTED: hepatic triacylglycerol lipase-like [Drosophila 1
>gi|1036745544|ref|XP_017156054.1| PREDICTED: TNF receptor-associated factor 6 [Drosophila mire
>gi|1036748332|ref|XP_017156215.1| PREDICTED: acidic phospholipase A2 PA4 [Drosophila miranda]
>gi|1036748314|ref|XP_017156214.1| PREDICTED: uncharacterized protein LOC108164803 [Drosophila
>gi|1036699113|ref|XP_017138156.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 [Drosophila m
>gi|1036699128|ref|XP_017138281.1| PREDICTED: LOW QUALITY PROTEIN: odorant receptor 7a [Drosop
>gi|1036751974|ref|XP 017156407.1| PREDICTED: uncharacterized protein LOC108164930 [Drosophila
>gi|1036735669|ref|XP_017152900.1| PREDICTED: mitogen-activated protein kinase kinase kinase [
>gi|1036727799|ref|XP 017148607.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP 017148607.1]
>gi|1036727834|ref|XP_017148623.1| PREDICTED: uncharacterized protein LOC108159648 isoform X3
>gi|1036727899|ref|XP_017148657.1| PREDICTED: uncharacterized protein LOC108159648 isoform X5
>gi|1036727848|ref|XP_017148632.1| PREDICTED: uncharacterized protein LOC108159648 isoform X4
>gi|1036727864|ref|XP_017148640.1| PREDICTED: uncharacterized protein LOC108159648 isoform X4
>gi|1036727880|ref|XP_017148648.1| PREDICTED: uncharacterized protein LOC108159648 isoform X4
>gi|1036727917|ref|XP_017148666.1| PREDICTED: MAGUK p55 subfamily member 7 isoform X6 [Drosoph
>gi|1036727815|ref|XP_017148616.1| PREDICTED: uncharacterized protein LOC108159648 isoform X2
>gi|1036727936|ref|XP_017148676.1| PREDICTED: MAGUK p55 subfamily member 7 isoform X7 [Drosoph
>gi|1036727955|ref|XP_017148684.1| PREDICTED: MAGUK p55 subfamily member 7 isoform X7 [Drosoph
>gi|1036756326|ref|XP_017156663.1| PREDICTED: rRNA 2'-O-methyltransferase fibrillarin [Drosoph
>gi|1036699142|ref|XP 017138396.1| PREDICTED: glycine-rich protein DOT1 [Drosophila miranda]
>gi|1036736056|ref|XP_017153110.1| PREDICTED: DNA-binding protein Ewg isoform X1 [Drosophila m
>gi|1036736097|ref|XP 017153121.1| PREDICTED: DNA-binding protein Ewg isoform X3 [Drosophila m
>gi|1036736079|ref|XP_017153113.1| PREDICTED: DNA-binding protein Ewg isoform X2 [Drosophila m
>gi|1036754185|ref|XP_017156543.1| PREDICTED: ras-related protein Rap-2b [Drosophila miranda]
>gi|1036754202|ref|XP_017156544.1| PREDICTED: uncharacterized protein LOC108165017 [Drosophila
>gi|1036706676|ref|XP_017136483.1| PREDICTED: uncharacterized protein LOC108152014 [Drosophila
>gi|1036757081|ref|XP_017156704.1| PREDICTED: uncharacterized protein LOC108165148 [Drosophila
>gi|1036699157|ref|XP_017138516.1| PREDICTED: odorant receptor 1a [Drosophila miranda]
>gi|1036755921|ref|XP_017156640.1| PREDICTED: homeobox protein 12 [Drosophila miranda]
>gi|1036755940|ref|XP_017156641.1| PREDICTED: homeobox protein 12 [Drosophila miranda]
>gi|1036755959|ref|XP_017156642.1| PREDICTED: homeobox protein 12 [Drosophila miranda]
>gi|1036755978|ref|XP_017156643.1| PREDICTED: homeobox protein 12 [Drosophila miranda]
>gi|1036753933|ref|XP_017156528.1| PREDICTED: nuclear pore complex protein DDB_G0274915 [Droso
>gi|1036699171|ref|XP_017138641.1| PREDICTED: uncharacterized protein LOC108153252 [Drosophila
>gi|1036699186|ref|XP_017138770.1| PREDICTED: uncharacterized protein LOC108153321 [Drosophila
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>gi|1036757116|ref|XP_017156706.1| PREDICTED: protein yellow [Drosophila miranda]
>gi|1036702374|ref|XP_017156337.1| PREDICTED: achaete-scute complex protein T5 [Drosophila mire
>gi|1036702357|ref|XP 017156322.1| PREDICTED: achaete-scute complex protein T4 [Drosophila mire
>gi|1036702271|ref|XP_017156257.1| PREDICTED: achaete-scute complex protein T3 [Drosophila mire
>gi|1036757246|ref|XP 017156714.1| PREDICTED: pepsin-2B [Drosophila miranda]
>gi|1036754816|ref|XP_017156580.1| PREDICTED: achaete-scute complex protein T8 [Drosophila mire
>gi|1036727688|ref|XP 017148548.1| PREDICTED: cytochrome P450 4g1 [Drosophila miranda]
>gi|1036727670|ref|XP_017148537.1| PREDICTED: exportin-6-A [Drosophila miranda]
>gi|1036743242|ref|XP_017155933.1| PREDICTED: apoptosis regulatory protein Siva isoform X2 [Dr
>gi|1036743224|ref|XP_017155932.1| PREDICTED: apoptosis regulatory protein Siva isoform X1 [Dre
>gi|1036743277|ref|XP_017155934.1| PREDICTED: uncharacterized protein LOC108164606 [Drosophila
>gi|1036738775|ref|XP 017154589.1| PREDICTED: ATP-binding cassette sub-family B member 10, mit
>gi|1036738787|ref|XP_017154598.1| PREDICTED: probable methylmalonate-semialdehyde dehydrogena
>gi|1036704384|ref|XP_017134859.1| PREDICTED: uncharacterized protein LOC108151009 [Drosophila
>gi|1036726558|ref|XP_017147870.1| PREDICTED: carboxypeptidase D isoform X1 [Drosophila mirand
>gi|1036726577|ref|XP 017147878.1| PREDICTED: carboxypeptidase D isoform X2 [Drosophila mirand
>gi|1036722294|ref|XP_017145462.1| PREDICTED: arginase-1 [Drosophila miranda]
>gi|1036722311|ref|XP 017145474.1| PREDICTED: protein elav [Drosophila miranda]
>gi|1036722277|ref|XP_017145450.1| PREDICTED: endoplasmic reticulum-Golgi intermediate comparts
>gi|1036740402|ref|XP 017155476.1| PREDICTED: chromodomain-helicase-DNA-binding protein 1 isof
>gi|1036740420|ref|XP_017155480.1| PREDICTED: chromodomain-helicase-DNA-binding protein 1 isof
>gi|1036740438|ref|XP_017155495.1| PREDICTED: NADH dehydrogenase [ubiquinone] flavoprotein 2,
>gi|1036754256|ref|XP_017156547.1| PREDICTED: uncharacterized protein LOC108165021 [Drosophila
>gi|1036749413|ref|XP_017156264.1| PREDICTED: uncharacterized protein LOC108164846 [Drosophila
>gi|1036742717|ref|XP_017155901.1| PREDICTED: transmembrane protein 41 homolog [Drosophila mire
>gi|1036740314|ref|XP_017155458.1| PREDICTED: sn1-specific diacylglycerol lipase alpha isoform
>gi|1036740298|ref|XP_017155448.1| PREDICTED: sn1-specific diacylglycerol lipase alpha isoform
>gi|1036740332|ref|XP_017155469.1| PREDICTED: aldose 1-epimerase [Drosophila miranda]
>gi|1036732353|ref|XP_017151106.1| PREDICTED: regulator of nonsense transcripts 1 homolog [Dros
>gi|1036744658|ref|XP_017156002.1| PREDICTED: poly(A) RNA polymerase gld-2 homolog B [Drosophi
>gi|1036699201|ref|XP_017138899.1| PREDICTED: NADH dehydrogenase (ubiquinone) complex I, assem
>gi|1036732299|ref|XP_017151071.1| PREDICTED: glycine-rich selenoprotein [Drosophila miranda]
>gi|1036732220|ref|XP_017151039.1| PREDICTED: anoctamin-6 isoform X1 [Drosophila miranda]
>gi|1036732243|ref|XP_017151048.1| PREDICTED: anoctamin-6 isoform X1 [Drosophila miranda]
>gi|1036732281|ref|XP 017151065.1| PREDICTED: anoctamin-6 isoform X3 [Drosophila miranda]
>gi|1036732264|ref|XP_017151057.1| PREDICTED: anoctamin-6 isoform X2 [Drosophila miranda]
>gi|1036752810|ref|XP 017156458.1| PREDICTED: 4-nitrophenylphosphatase [Drosophila miranda]
>gi|1036752791|ref|XP_017156457.1| PREDICTED: pyridoxal phosphate phosphatase [Drosophila mirated]
>gi|1036752482|ref|XP_017156439.1| PREDICTED: loss of heterozygosity 12 chromosomal region 1 p
>gi|1036751699|ref|XP_017156390.1| PREDICTED: AH receptor-interacting protein [Drosophila mirated]
>gi|1036747368|ref|XP_017156164.1| PREDICTED: keratin, type II cytoskeletal 1 isoform X1 [Dros
>gi|1036732370|ref|XP_017151115.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase is
>gi|1036732388|ref|XP_017151121.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase in
>gi|1036732407|ref|XP_017151128.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase is
>gi|1036732447|ref|XP_017151142.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase in
>gi|1036732483|ref|XP_017151158.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase is
>gi|1036732426|ref|XP_017151134.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase in
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>gi|1036732464|ref|XP_017151149.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase is
>gi|1036732500|ref|XP_017151166.1| PREDICTED: Ca(2+)/calmodulin-responsive adenylate cyclase is
>gi|1036705277|ref|XP_017135496.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1036703079|ref|XP_017156747.1| PREDICTED: venom allergen 5-like [Drosophila miranda]
>gi|1036703214|ref|XP 017156818.1| PREDICTED: venom allergen 5-like [Drosophila miranda]
>gi|1036751106|ref|XP_017156359.1| PREDICTED: solute carrier family 46 member 3 [Drosophila mi
>gi|1036735975|ref|XP 017153058.1| PREDICTED: netrin-B [Drosophila miranda]
>gi|1036703251|ref|XP_017156840.1| PREDICTED: gamma-butyrobetaine dioxygenase [Drosophila mirated]
>gi|1036736208|ref|XP_017153196.1| PREDICTED: netrin-A isoform X1 [Drosophila miranda]
>gi|1036736226|ref|XP_017153204.1| PREDICTED: netrin-A isoform X2 [Drosophila miranda]
>gi|1036741231|ref|XP_017155816.1| PREDICTED: b(0,+)-type amino acid transporter 1 isoform X2
>gi|1036741282|ref|XP_017155819.1| PREDICTED: b(0,+)-type amino acid transporter 1 isoform X5
>gi|1036741213|ref|XP_017155815.1| PREDICTED: b(0,+)-type amino acid transporter 1 isoform X1
>gi|1036741248|ref|XP_017155817.1| PREDICTED: b(0,+)-type amino acid transporter 1 isoform X3
>gi|1036741265|ref|XP_017155818.1| PREDICTED: b(0,+)-type amino acid transporter 1 isoform X4
>gi|1036741343|ref|XP_017155823.1| PREDICTED: nucleoside diphosphate kinase 6 [Drosophila mirate
>gi|1036741326|ref|XP_017155822.1| PREDICTED: probable 28S ribosomal protein S25, mitochondria
>gi|1036741299|ref|XP_017155820.1| PREDICTED: probable RNA-binding protein 18 isoform X1 [Drose
>gi|1036741313|ref|XP_017155821.1| PREDICTED: probable RNA-binding protein 18 isoform X2 [Dros
>gi|1036706228|ref|XP 017136158.1| PREDICTED: uncharacterized protein LOC108151811 [Drosophila
>gi|1036699216|ref|XP_017139141.1| PREDICTED: uncharacterized protein LOC108153545 [Drosophila
>gi|1036758052|ref|XP 017156753.1| PREDICTED: atrophin-1 [Drosophila miranda]
>gi|1036746085|ref|XP_017156085.1| PREDICTED: titin homolog isoform X2 [Drosophila miranda]
>gi|1036746028|ref|XP_017156081.1| PREDICTED: titin homolog isoform X1 [Drosophila miranda]
>gi|1036746047|ref|XP_017156082.1| PREDICTED: titin homolog isoform X1 [Drosophila miranda]
>gi|1036746066|ref|XP_017156083.1| PREDICTED: titin homolog isoform X1 [Drosophila miranda]
>gi|1036746103|ref|XP_017156086.1| PREDICTED: protein TsetseEP isoform X1 [Drosophila miranda]
>gi|1036746139|ref|XP_017156088.1| PREDICTED: transcriptional regulatory protein AlgP isoform
>gi|1036746120|ref|XP_017156087.1| PREDICTED: protein TsetseEP isoform X2 [Drosophila miranda]
>gi|1036745996|ref|XP_017156079.1| PREDICTED: uncharacterized protein LOC108164713 [Drosophila
>gi|1036746011|ref|XP_017156080.1| PREDICTED: uncharacterized protein LOC108164713 [Drosophila
>gi|1036703967|ref|XP_017134609.1| PREDICTED: venom allergen 5 [Drosophila miranda]
>gi|1036699231|ref|XP 017139260.1| PREDICTED: uncharacterized protein LOC108153628 [Drosophila
>gi|1036732853|ref|XP_017151354.1| PREDICTED: transcription factor TBF1-like [Drosophila miran-
>gi|1036732871|ref|XP 017151361.1| PREDICTED: transcription factor TBF1-like [Drosophila miran
>gi|1036712798|ref|XP_017140241.1| PREDICTED: sodium leak channel non-selective protein isoform
>gi|1036712764|ref|XP_017140226.1| PREDICTED: sodium leak channel non-selective protein isoform
>gi|1036712781|ref|XP_017140234.1| PREDICTED: sodium leak channel non-selective protein isoform
>gi|1036712832|ref|XP_017140273.1| PREDICTED: plasminogen receptor (KT) [Drosophila miranda]
>gi|1036712815|ref|XP_017140258.1| PREDICTED: tyrosine aminotransferase [Drosophila miranda]
>gi|1036712747|ref|XP_017140216.1| PREDICTED: golgin subfamily B member 1 [Drosophila miranda]
>gi|1036751473|ref|XP_017156379.1| PREDICTED: uncharacterized protein LOC108164910 isoform X1
>gi|1036751492|ref|XP 017156380.1| PREDICTED: uncharacterized protein LOC108164910 isoform X2
>gi|1036751511|ref|XP_017156382.1| PREDICTED: uncharacterized protein LOC108164910 isoform X2
>gi|1036714882|ref|XP_017141522.1| PREDICTED: mRNA-capping enzyme [Drosophila miranda]
>gi|1036714937|ref|XP_017141563.1| PREDICTED: tRNA-dihydrouridine(20) synthase [NAD(P)+]-like
>gi|1036714950|ref|XP_017141577.1| PREDICTED: vacuolar protein sorting-associated protein 4B [
>gi|1036714965|ref|XP_017141587.1| PREDICTED: vacuolar protein sorting-associated protein 4B [
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>gi|1036714981|ref|XP_017141595.1| PREDICTED: vacuolar protein sorting-associated protein 4B [
>gi|1036714920|ref|XP_017141550.1| PREDICTED: uncharacterized protein LOC108155323 [Drosophila
>gi|1036714903|ref|XP_017141535.1| PREDICTED: serine/threonine-protein kinase ATR [Drosophila 1
>gi|1036734889|ref|XP_017152458.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734907|ref|XP 017152466.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734761|ref|XP_017152404.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734923|ref|XP_017152473.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734871|ref|XP_017152450.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734852|ref|XP_017152441.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734816|ref|XP_017152426.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734833|ref|XP_017152434.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734960|ref|XP_017152490.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734780|ref|XP_017152408.1| PREDICTED: uncharacterized protein LOC108162264 isoform X2
>gi|1036734944|ref|XP_017152482.1| PREDICTED: potassium voltage-gated channel protein Shaker is
>gi|1036734797|ref|XP_017152419.1| PREDICTED: dual specificity protein kinase splA isoform X3
>gi|1036734979|ref|XP_017152503.1| PREDICTED: uncharacterized protein LOC108162326 isoform X1
>gi|1036734998|ref|XP_017152510.1| PREDICTED: uncharacterized protein LOC108162326 isoform X2
>gi|1036699246|ref|XP_017139376.1| PREDICTED: axonemal 84 kDa protein [Drosophila miranda]
>gi|1036718432|ref|XP_017143530.1| PREDICTED: dynein heavy chain 6, axonemal [Drosophila miran-
>gi|1036718451|ref|XP 017143542.1| PREDICTED: xenotropic and polytropic retrovirus receptor 1
>gi|1036718474|ref|XP_017143551.1| PREDICTED: xenotropic and polytropic retrovirus receptor 1
>gi|1036718518|ref|XP 017143576.1| PREDICTED: transcriptional adapter 3 [Drosophila miranda]
>gi|1036718556|ref|XP_017143600.1| PREDICTED: 3-hydroxyacyl-CoA dehydrogenase type-2 [Drosophi
>gi|1036718495|ref|XP_017143563.1| PREDICTED: zinc finger protein 132-like [Drosophila miranda
>gi|1036718536|ref|XP_017143590.1| PREDICTED: rho GTPase-activating protein 15 [Drosophila mire
>gi|1036735017|ref|XP_017152522.1| PREDICTED: multivesicular body subunit 12A isoform X1 [Dros
>gi|1036735033|ref|XP_017152531.1| PREDICTED: multivesicular body subunit 12A isoform X2 [Dros
>gi|1036735051|ref|XP_017152545.1| PREDICTED: transcription initiation factor TFIID subunit 8
>gi|1036736366|ref|XP_017153295.1| PREDICTED: amyloid protein-binding protein 2 isoform X1 [Dreflet of the content of the cont
>gi|1036736383|ref|XP_017153303.1| PREDICTED: amyloid protein-binding protein 2 isoform X2 [Dref|XP_017153303.1]
>gi|1036748202|ref|XP_017156210.1| PREDICTED: uncharacterized protein LOC108164797 isoform X1
>gi|1036748221|ref|XP_017156211.1| PREDICTED: uncharacterized protein LOC108164797 isoform X2
>gi|1036748240|ref|XP 017156212.1| PREDICTED: type-1 angiotensin II receptor-associated protein
>gi|1036740280|ref|XP_017155437.1| PREDICTED: uncharacterized protein LOC108164297 [Drosophila
>gi|1036740262|ref|XP 017155426.1| PREDICTED: putative inorganic phosphate cotransporter [Dros
>gi|1036724452|ref|XP_017146586.1| PREDICTED: neprilysin-2 [Drosophila miranda]
>gi|1036724469|ref|XP 017146594.1| PREDICTED: neprilysin-2 [Drosophila miranda]
>gi|1036724486|ref|XP_017146603.1| PREDICTED: neprilysin-2 [Drosophila miranda]
>gi|1036724505|ref|XP_017146615.1| PREDICTED: multiple inositol polyphosphate phosphatase 1 [Di
>gi|1036724436|ref|XP_017146576.1| PREDICTED: regulatory-associated protein of mTOR [Drosophile
>gi|1036756986|ref|XP_017156699.1| PREDICTED: protein THEM6 [Drosophila miranda]
>gi|1036757005|ref|XP_017156700.1| PREDICTED: protein THEM6 [Drosophila miranda]
>gi|1036757024|ref|XP_017156701.1| PREDICTED: protein THEM6 [Drosophila miranda]
>gi|1036754997|ref|XP_017156591.1| PREDICTED: protein THEM6 [Drosophila miranda]
>gi|1036754867|ref|XP_017156583.1| PREDICTED: tetraspanin-9 [Drosophila miranda]
>gi|1036754886|ref|XP_017156584.1| PREDICTED: uncharacterized protein LOC108165054 [Drosophila
>gi|1036704420|ref|XP_017134880.1| PREDICTED: uncharacterized protein LOC108151028 [Drosophila
>gi|1036751718|ref|XP_017156391.1| PREDICTED: hyphally regulated cell wall protein 3 [Drosophi
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>gi|1036743445|ref|XP_017155944.1| PREDICTED: brefeldin A-inhibited guanine nucleotide-exchange
>gi|1036752773|ref|XP_017156456.1| PREDICTED: malignant T-cell-amplified sequence 1 homolog [Di
>gi|1036752230|ref|XP_017156423.1| PREDICTED: cell cycle negative regulator roughex [Drosophile
>gi|1036751899|ref|XP_017156403.1| PREDICTED: protein mab-21 [Drosophila miranda]
>gi|1036754710|ref|XP 017156574.1| PREDICTED: protein mab-21-like [Drosophila miranda]
>gi|1036754725|ref|XP_017156575.1| PREDICTED: protein mab-21-like [Drosophila miranda]
>gi|1036750957|ref|XP 017156349.1| PREDICTED: pancreatic triacylglycerol lipase [Drosophila mi
>gi|1036741159|ref|XP_017155811.1| PREDICTED: glutamate receptor-interacting protein 1 isoform
>gi|1036741141|ref|XP_017155810.1| PREDICTED: glutamate receptor-interacting protein 1 isoform
>gi|1036740711|ref|XP_017155683.1| PREDICTED: uncharacterized protein LOC108164460 [Drosophila
>gi|1036740729|ref|XP_017155697.1| PREDICTED: uncharacterized protein LOC108164466 [Drosophila
>gi|1036706194|ref|XP_017136132.1| PREDICTED: trypsin eta-like [Drosophila miranda]
>gi|1036704001|ref|XP_017134631.1| PREDICTED: trypsin-1-like [Drosophila miranda]
>gi|1036745287|ref|XP_017156037.1| PREDICTED: trypsin I-P1 isoform X1 [Drosophila miranda]
>gi|1036745304|ref|XP_017156039.1| PREDICTED: trypsin I-P1 isoform X2 [Drosophila miranda]
>gi|1036745321|ref|XP_017156040.1| PREDICTED: trypsin I-P1 isoform X3 [Drosophila miranda]
>gi|1036745338|ref|XP_017156041.1| PREDICTED: uncharacterized protein LOC108164685 isoform X4
>gi|1036745354|ref|XP_017156042.1| PREDICTED: urokinase-type plasminogen activator isoform X5
>gi|1036745370|ref|XP_017156043.1| PREDICTED: trypsin eta isoform X1 [Drosophila miranda]
>gi|1036745387|ref|XP 017156044.1| PREDICTED: trypsin eta isoform X2 [Drosophila miranda]
>gi|1036745404|ref|XP_017156045.1| PREDICTED: trypsin eta isoform X3 [Drosophila miranda]
>gi|1036745421|ref|XP 017156046.1| PREDICTED: uncharacterized protein LOC108164687 [Drosophila
>gi|1036745233|ref|XP_017156034.1| PREDICTED: protein bric-a-brac 1 isoform X1 [Drosophila mire
>gi|1036745269|ref|XP_017156036.1| PREDICTED: protein bric-a-brac 1 isoform X3 [Drosophila mire
>gi|1036745252|ref|XP_017156035.1| PREDICTED: protein bric-a-brac 1 isoform X2 [Drosophila mire
>gi|1036712511|ref|XP_017140078.1| PREDICTED: serine hydroxymethyltransferase, cytosolic [Dros
>gi|1036712594|ref|XP_017140128.1| PREDICTED: transmembrane protein 256 homolog [Drosophila mi
>gi|1036712528|ref|XP_017140088.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1036712545|ref|XP_017140096.1| PREDICTED: modifier of mdg4 isoform X2 [Drosophila miranda]
>gi|1036712561|ref|XP_017140108.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1036712577|ref|XP_017140118.1| PREDICTED: actin-5C [Drosophila miranda]
>gi|1036742251|ref|XP_017155874.1| PREDICTED: serine/threonine-protein phosphatase beta isoform
>gi|1036742233|ref|XP_017155873.1| PREDICTED: serine/threonine-protein phosphatase beta isoform
>gi|1036755592|ref|XP_017156621.1| PREDICTED: uncharacterized protein LOC108165082 isoform X1
>gi|1036755609|ref|XP 017156622.1| PREDICTED: uncharacterized protein LOC108165082 isoform X2
>gi|1036703787|ref|XP_017157160.1| PREDICTED: sphingomyelin synthase-related 1-like [Drosophile]
>gi|1036699261|ref|XP_017139456.1| PREDICTED: odorant receptor 9a [Drosophila miranda]
>gi|1036743789|ref|XP_017155959.1| PREDICTED: uncharacterized protein LOC108164624 [Drosophila
>gi|1036743624|ref|XP_017155952.1| PREDICTED: uncharacterized protein LOC108164621 isoform X4
>gi|1036743549|ref|XP_017155948.1| PREDICTED: uncharacterized protein LOC108164621 isoform X1
>gi|1036743568|ref|XP_017155949.1| PREDICTED: uncharacterized protein LOC108164621 isoform X1
>gi|1036743587|ref|XP_017155950.1| PREDICTED: uncharacterized protein LOC108164621 isoform X2
>gi|1036743606|ref|XP_017155951.1| PREDICTED: uncharacterized protein LOC108164621 isoform X3
>gi|1036743716|ref|XP_017155957.1| PREDICTED: uncharacterized protein LOC108164621 isoform X8
>gi|1036743643|ref|XP_017155953.1| PREDICTED: uncharacterized protein LOC108164621 isoform X5
>gi|1036743661|ref|XP_017155954.1| PREDICTED: uncharacterized protein LOC108164621 isoform X6
>gi|1036743680|ref|XP_017155955.1| PREDICTED: uncharacterized protein LOC108164621 isoform X6
>gi|1036743699|ref|XP_017155956.1| PREDICTED: uncharacterized protein LOC108164621 isoform X7
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>gi|1036748257|ref|XP_017156213.1| PREDICTED: up-regulated during skeletal muscle growth prote
>gi|1036719849|ref|XP_017144338.1| PREDICTED: neurogenic protein mastermind [Drosophila mirand
>gi|1036719827|ref|XP_017144316.1| PREDICTED: transcription factor grauzone [Drosophila mirand
>gi|1036733434|ref|XP_017151633.1| PREDICTED: serine/threonine-protein phosphatase 4 regulator
>gi|1036733452|ref|XP_017151641.1| PREDICTED: serine/threonine-protein phosphatase 4 regulator
>gi|1036733470|ref|XP_017151650.1| PREDICTED: serine/threonine-protein phosphatase 4 regulator
>gi|1036733489|ref|XP 017151662.1| PREDICTED: leucine-rich repeat-containing protein 58 [Droso
>gi|1036722475|ref|XP_017145554.1| PREDICTED: protein sprint isoform X3 [Drosophila miranda]
>gi|1036722494|ref|XP_017145555.1| PREDICTED: protein sprint isoform X3 [Drosophila miranda]
>gi|1036722512|ref|XP_017145556.1| PREDICTED: protein sprint isoform X4 [Drosophila miranda]
>gi|1036722437|ref|XP_017145540.1| PREDICTED: protein sprint isoform X1 [Drosophila miranda]
>gi|1036722456|ref|XP_017145548.1| PREDICTED: protein sprint isoform X2 [Drosophila miranda]
>gi|1036722529|ref|XP_017145557.1| PREDICTED: protein sprint isoform X5 [Drosophila miranda]
>gi|1036722550|ref|XP_017145558.1| PREDICTED: protein sprint isoform X5 [Drosophila miranda]
>gi|1036722569|ref|XP_017145559.1| PREDICTED: protein sprint isoform X6 [Drosophila miranda]
>gi|1036722646|ref|XP_017145587.1| PREDICTED: uncharacterized protein LOC108157950 [Drosophila
>gi|1036722667|ref|XP_017145595.1| PREDICTED: uncharacterized protein LOC108157950 [Drosophila
>gi|1036722592|ref|XP_017145560.1| PREDICTED: microspherule protein 1-like [Drosophila miranda
>gi|1036722609|ref|XP_017145567.1| PREDICTED: microspherule protein 1-like [Drosophila miranda]
>gi|1036722682|ref|XP_017145606.1| PREDICTED: uncharacterized protein LOC108157968 [Drosophila
>gi|1036722628|ref|XP_017145576.1| PREDICTED: uncharacterized protein F09G8.5-like [Drosophila
>gi|1036706161|ref|XP_017136113.1| PREDICTED: GTP-binding protein ypt1-like [Drosophila mirand
>gi|1036731735|ref|XP_017150828.1| PREDICTED: uncharacterized protein LOC108161083 [Drosophila
>gi|1036738937|ref|XP_017154693.1| PREDICTED: FAST kinase domain-containing protein 5, mitocho:
>gi|1036738953|ref|XP_017154706.1| PREDICTED: LOW QUALITY PROTEIN: mitochondrial ornithine trans
>gi|1036751088|ref|XP_017156357.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036741801|ref|XP_017155852.1| PREDICTED: uncharacterized protein LOC108164549 [Drosophila
>gi|1036741693|ref|XP_017155845.1| PREDICTED: uncharacterized protein LOC108164547 isoform X1
>gi|1036741710|ref|XP_017155846.1| PREDICTED: uncharacterized protein LOC108164547 isoform X1
>gi|1036741731|ref|XP_017155847.1| PREDICTED: uncharacterized protein LOC108164547 isoform X1
>gi|1036741747|ref|XP_017155848.1| PREDICTED: uncharacterized protein LOC108164547 isoform X1
>gi|1036741768|ref|XP_017155849.1| PREDICTED: uncharacterized protein LOC108164547 isoform X2
>gi|1036741784|ref|XP 017155850.1| PREDICTED: uncharacterized protein LOC108164548 [Drosophila
>gi|1036705425|ref|XP_017135596.1| PREDICTED: rRNA biogenesis protein rrp36-like [Drosophila m
>gi|1036725961|ref|XP 017147489.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase a
>gi|1036725984|ref|XP_017147497.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase a
>gi|1036725923|ref|XP_017147468.1| PREDICTED: BTB/POZ domain-containing protein 9 isoform X1 [
>gi|1036725942|ref|XP_017147476.1| PREDICTED: BTB/POZ domain-containing protein 9 isoform X2 [
>gi|1036717963|ref|XP_017143290.1| PREDICTED: uncharacterized protein LOC108156382 [Drosophila
>gi|1036717885|ref|XP_017143246.1| PREDICTED: ADP,ATP carrier protein [Drosophila miranda]
>gi|1036717904|ref|XP_017143257.1| PREDICTED: ADP,ATP carrier protein [Drosophila miranda]
>gi|1036717926|ref|XP_017143266.1| PREDICTED: ADP,ATP carrier protein [Drosophila miranda]
>gi|1036717866|ref|XP_017143234.1| PREDICTED: protein penguin [Drosophila miranda]
>gi|1036717944|ref|XP_017143278.1| PREDICTED: putative peptidyl-prolyl cis-trans isomerase dod
>gi|1036728836|ref|XP_017149195.1| PREDICTED: sphingosine kinase 2 [Drosophila miranda]
>gi|1036728748|ref|XP_017149147.1| PREDICTED: ecotropic viral integration site 5 ortholog isof
>gi|1036728767|ref|XP_017149154.1| PREDICTED: ecotropic viral integration site 5 ortholog isof
>gi|1036728784|ref|XP_017149163.1| PREDICTED: ecotropic viral integration site 5 ortholog isof
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>gi|1036728801|ref|XP_017149173.1| PREDICTED: ecotropic viral integration site 5 ortholog isof
>gi|1036728819|ref|XP_017149182.1| PREDICTED: ecotropic viral integration site 5 ortholog isof
>gi|1036746435|ref|XP 017156107.1| PREDICTED: glutamine synthetase 2 cytoplasmic isoform X3 [Di
>gi|1036746403|ref|XP_017156105.1| PREDICTED: glutamine synthetase 2 cytoplasmic isoform X1 [Di
>gi|1036746420|ref|XP 017156106.1| PREDICTED: glutamine synthetase 2 cytoplasmic isoform X2 [Di
>gi|1036746453|ref|XP_017156108.1| PREDICTED: odorant receptor 10a [Drosophila miranda]
>gi|1036746385|ref|XP 017156103.1| PREDICTED: gustatory receptor 10a [Drosophila miranda]
>gi|1036707473|ref|XP_017136981.1| PREDICTED: putative gustatory receptor 10b [Drosophila mirated]
>gi|1036715328|ref|XP_017141794.1| PREDICTED: uncharacterized protein LOC108155479 [Drosophila
>gi|1036715568|ref|XP_017141910.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715549|ref|XP_017141902.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715511|ref|XP 017141885.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715475|ref|XP_017141866.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715606|ref|XP 017141927.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715458|ref|XP_017141857.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715437|ref|XP_017141848.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715419|ref|XP_017141841.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715402|ref|XP 017141833.1| PREDICTED: disks large 1 tumor suppressor protein isoform X-
>gi|1036715383|ref|XP_017141823.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
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>gi|1036715530|ref|XP_017141893.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715494|ref|XP_017141876.1| PREDICTED: disks large 1 tumor suppressor protein isoform X
>gi|1036715624|ref|XP_017141939.1| PREDICTED: uncharacterized protein LOC108155555 [Drosophila
>gi|1036752008|ref|XP_017156410.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036732597|ref|XP_017151220.1| PREDICTED: tyrosine-protein kinase hopscotch [Drosophila mi
>gi|1036751627|ref|XP_017156388.1| PREDICTED: uncharacterized protein LOC108164913 [Drosophila
>gi|1036743173|ref|XP_017155928.1| PREDICTED: segment polarity protein dishevelled [Drosophila
>gi|1036724085|ref|XP 017146341.1| PREDICTED: uncharacterized protein LOC108158504 [Drosophila
>gi|1036724143|ref|XP_017146384.1| PREDICTED: uncharacterized protein LOC108158514 [Drosophila
>gi|1036724124|ref|XP_017146371.1| PREDICTED: uncharacterized protein C1orf131 [Drosophila mire
>gi|1036724106|ref|XP 017146356.1| PREDICTED: alanine--glyoxylate aminotransferase 2-like [Dro
>gi|1036699276|ref|XP_017139662.1| PREDICTED: E3 ubiquitin-protein ligase RFWD3-like, partial
>gi|1036733820|ref|XP 017151829.1| PREDICTED: putative vitellogenin receptor isoform X2 [Droso
>gi|1036733801|ref|XP_017151821.1| PREDICTED: putative vitellogenin receptor isoform X1 [Droso
>gi|1036733890|ref|XP 017151883.1| PREDICTED: uncharacterized protein LOC108161948 [Drosophila
>gi|1036733947|ref|XP_017151921.1| PREDICTED: prisilkin-39 [Drosophila miranda]
>gi|1036733873|ref|XP_017151869.1| PREDICTED: probable ATP-dependent RNA helicase ddx17 [Droso
>gi|1036733928|ref|XP_017151910.1| PREDICTED: uncharacterized protein LOC108161959 [Drosophila
>gi|1036733855|ref|XP_017151856.1| PREDICTED: cuticle protein 16.5 [Drosophila miranda]
>gi|1036699291|ref|XP_017139786.1| PREDICTED: uncharacterized protein LOC108154124 [Drosophila
>gi|1036699305|ref|XP_017139917.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1036699320|ref|XP_017140034.1| PREDICTED: proline-rich protein HaeIII subfamily 1 [Drosoph
>gi|1036733909|ref|XP_017151898.1| PREDICTED: cuticle protein 16.5 [Drosophila miranda]
>gi|1036733837|ref|XP_017151842.1| PREDICTED: hyphal wall protein 1 [Drosophila miranda]
>gi|1036707092|ref|XP_017136749.1| PREDICTED: MICOS complex subunit Mic10 [Drosophila miranda]
>gi|1036704766|ref|XP_017135126.1| PREDICTED: probable mitochondrial import inner membrane tra
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>gi|1036705546|ref|XP_017135668.1| PREDICTED: sperm flagellar protein 1-like [Drosophila miran-
>gi|1036705072|ref|XP_017135358.1| PREDICTED: uncharacterized protein LOC108151319 [Drosophila
>gi|1036706211|ref|XP_017136146.1| PREDICTED: sperm flagellar protein 1-like [Drosophila miran
>gi|1036705102|ref|XP_017135382.1| PREDICTED: sperm flagellar protein 1-like [Drosophila miran-
>gi|1036704941|ref|XP 017135256.1| PREDICTED: uncharacterized protein LOC108151248 [Drosophila
>gi|1036704956|ref|XP_017135264.1| PREDICTED: uncharacterized protein LOC108151248 [Drosophila
>gi|1036699335|ref|XP 017140145.1| PREDICTED: uncharacterized protein LOC108154357 [Drosophila
>gi|1036744345|ref|XP_017155986.1| PREDICTED: ubiquitin-conjugating enzyme E2 N [Drosophila mi
>gi|1036744363|ref|XP_017155987.1| PREDICTED: ubiquitin-conjugating enzyme E2 N [Drosophila mi
>gi|1036700935|ref|XP_017152298.1| PREDICTED: uncharacterized protein LOC108162178 [Drosophila
>gi|1036701120|ref|XP_017153709.1| PREDICTED: uncharacterized protein LOC108163093 [Drosophila
>gi|1036700721|ref|XP_017150989.1| PREDICTED: uncharacterized protein LOC108161245 [Drosophila
>gi|1036700662|ref|XP_017150645.1| PREDICTED: AMP deaminase 2 isoform X2 [Drosophila miranda]
>gi|1036700645|ref|XP_017150564.1| PREDICTED: AMP deaminase 2 isoform X1 [Drosophila miranda]
>gi|1036700677|ref|XP_017150723.1| PREDICTED: AMP deaminase 2 isoform X3 [Drosophila miranda]
>gi|1036700707|ref|XP_017150886.1| PREDICTED: LIM domain-containing protein jub [Drosophila mi
>gi|1036700614|ref|XP_017150318.1| PREDICTED: nuclear pore complex protein Nup93 [Drosophila m
>gi|1036700983|ref|XP_017152620.1| PREDICTED: chloride intracellular channel exc-4 isoform X2
>gi|1036700969|ref|XP_017152540.1| PREDICTED: chloride intracellular channel exc-4 isoform X1
>gi|1036700954|ref|XP 017152418.1| PREDICTED: nucleoside diphosphate-linked moiety X motif 8 []
>gi|1036700600|ref|XP_017150194.1| PREDICTED: AP-1 complex subunit beta-1 [Drosophila miranda]
>gi|1036700868|ref|XP 017151767.1| PREDICTED: transmembrane protein 198 [Drosophila miranda]
>gi|1036701105|ref|XP_017153584.1| PREDICTED: cytochrome b-c1 complex subunit 10 [Drosophila m
>gi|1036701090|ref|XP_017153460.1| PREDICTED: cytochrome c oxidase subunit 6B1 [Drosophila mire
>gi|1036700882|ref|XP_017151897.1| PREDICTED: TRAF3-interacting protein 1 [Drosophila miranda]
>gi|1036700895|ref|XP_017151980.1| PREDICTED: TRAF3-interacting protein 1 [Drosophila miranda]
>gi|1036700907|ref|XP_017152065.1| PREDICTED: TRAF3-interacting protein 1 [Drosophila miranda]
>gi|1036701045|ref|XP_017153097.1| PREDICTED: ribonuclease P protein subunit p20 [Drosophila m
>gi|1036701075|ref|XP_017153340.1| PREDICTED: transmembrane protein 203 [Drosophila miranda]
>gi|1036700922|ref|XP_017152189.1| PREDICTED: beta-parvin [Drosophila miranda]
>gi|1036700998|ref|XP_017152732.1| PREDICTED: FAD-linked sulfhydryl oxidase ALR [Drosophila mi
>gi|1036701060|ref|XP_017153217.1| PREDICTED: uncharacterized protein LOC108162787 [Drosophila
>gi|1036700693|ref|XP_017150824.1| PREDICTED: uncharacterized protein LOC108161006 [Drosophila
>gi|1036700395|ref|XP_017148872.1| PREDICTED: nuclear pore complex protein Nup153 isoform X1 [
>gi|1036700409|ref|XP 017148950.1| PREDICTED: nuclear pore complex protein Nup153 isoform X1 [
>gi|1036700424|ref|XP_017149035.1| PREDICTED: nuclear pore complex protein Nup153 isoform X2 [
>gi|1036700453|ref|XP_017149204.1| PREDICTED: nuclear pore complex protein Nup153 isoform X4 [
>gi|1036700438|ref|XP_017149115.1| PREDICTED: nuclear pore complex protein Nup153 isoform X3 [
>gi|1036700736|ref|XP_017151097.1| PREDICTED: serine/threonine-protein kinase PAK mbt [Drosoph
>gi|1036700336|ref|XP_017148507.1| PREDICTED: homeotic protein female sterile isoform X5 [Dros
>gi|1036700307|ref|XP_017148328.1| PREDICTED: homeotic protein female sterile isoform X3 [Drose
>gi|1036700292|ref|XP_017148241.1| PREDICTED: homeotic protein female sterile isoform X2 [Dros
>gi|1036700321|ref|XP_017148412.1| PREDICTED: homeotic protein female sterile isoform X4 [Dros
>gi|1036700202|ref|XP_017147727.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
>gi|1036700216|ref|XP_017147815.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
>gi|1036700229|ref|XP_017147901.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
>gi|1036700242|ref|XP_017147986.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
>gi|1036700256|ref|XP_017148072.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
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>gi|1036700273|ref|XP_017148151.1| PREDICTED: homeotic protein female sterile isoform X1 [Dros
>gi|1036700353|ref|XP_017148586.1| PREDICTED: homeotic protein female sterile isoform X6 [Dros
>gi|1036700381|ref|XP_017148753.1| PREDICTED: homeotic protein female sterile isoform X8 [Dros
>gi|1036700367|ref|XP_017148671.1| PREDICTED: homeotic protein female sterile isoform X7 [Dros
>gi|1036700826|ref|XP 017151493.1| PREDICTED: multifunctional protein ADE2 [Drosophila miranda
>gi|1036700630|ref|XP_017150441.1| PREDICTED: TBC domain-containing protein kinase-like protein
>gi|1036700811|ref|XP_017151391.1| PREDICTED: heparan-alpha-glucosaminide N-acetyltransferase
>gi|1036700750|ref|XP_017151204.1| PREDICTED: uncharacterized protein LOC108161422 [Drosophila
>gi|1036700787|ref|XP_017151279.1| PREDICTED: uncharacterized protein LOC108161422 [Drosophila
>gi|1036700844|ref|XP_017151607.1| PREDICTED: zinc finger BED domain-containing protein 4-like
>gi|1036700526|ref|XP_017149660.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X3 [Dros
>gi|1036700468|ref|XP_017149328.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X1 [Dros
>gi|1036700483|ref|XP_017149411.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X1 [Dros
>gi|1036700497|ref|XP_017149493.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X1 [Dros
>gi|1036700511|ref|XP_017149577.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X2 [Drop
>gi|1036701028|ref|XP_017152973.1| PREDICTED: uncharacterized protein LOC108162621 [Drosophila
>gi|1036701013|ref|XP_017152853.1| PREDICTED: CTD nuclear envelope phosphatase 1A-like [Drosop
>gi|1036700541|ref|XP_017149790.1| PREDICTED: protein ovo isoform X1 [Drosophila miranda]
>gi|1036700555|ref|XP_017149875.1| PREDICTED: protein ovo isoform X2 [Drosophila miranda]
>gi|1036700570|ref|XP 017149993.1| PREDICTED: zinc finger protein 236 [Drosophila miranda]
>gi|1036700585|ref|XP_017150075.1| PREDICTED: zinc finger protein 236 [Drosophila miranda]
>gi|1036739071|ref|XP 017154762.1| PREDICTED: innexin inx1 [Drosophila miranda]
>gi|1036739089|ref|XP_017154770.1| PREDICTED: innexin inx1 [Drosophila miranda]
>gi|1036753592|ref|XP_017156507.1| PREDICTED: uncharacterized protein LOC108164993 [Drosophila
>gi|1036755344|ref|XP_017156611.1| PREDICTED: innexin inx7 [Drosophila miranda]
>gi|1036732044|ref|XP_017150958.1| PREDICTED: innexin inx2 [Drosophila miranda]
>gi|1036736115|ref|XP_017153134.1| PREDICTED: mitochondrial import receptor subunit TOM7 homological import receptor su
>gi|1036736151|ref|XP_017153160.1| PREDICTED: AP-3 complex subunit mu-2 [Drosophila miranda]
>gi|1036736174|ref|XP_017153171.1| PREDICTED: small integral membrane protein 4 [Drosophila mi
>gi|1036736190|ref|XP_017153183.1| PREDICTED: uncharacterized protein C12orf73 homolog [Drosop
>gi|1036736133|ref|XP_017153146.1| PREDICTED: zinc finger protein 782 [Drosophila miranda]
>gi|1036748513|ref|XP_017156216.1| PREDICTED: uncharacterized protein LOC108164807 [Drosophila
>gi|1036748551|ref|XP_017156218.1| PREDICTED: protein nullo [Drosophila miranda]
>gi|1036748532|ref|XP_017156217.1| PREDICTED: uncharacterized protein LOC108164808 [Drosophila
>gi|1036748570|ref|XP 017156219.1| PREDICTED: uncharacterized protein LOC108164810 [Drosophila
>gi|1036731237|ref|XP_017150618.1| PREDICTED: uncharacterized protein LOC108160864 isoform X1
>gi|1036731292|ref|XP_017150646.1| PREDICTED: xenotropic and polytropic retrovirus receptor 1
>gi|1036731307|ref|XP_017150653.1| PREDICTED: xenotropic and polytropic retrovirus receptor 1
>gi|1036731273|ref|XP_017150635.1| PREDICTED: uncharacterized protein LOC108160864 isoform X3
>gi|1036731254|ref|XP_017150626.1| PREDICTED: uncharacterized protein LOC108160864 isoform X2
>gi|1036722404|ref|XP_017145521.1| PREDICTED: peptide transporter family 1 [Drosophila miranda]
>gi|1036699352|ref|XP_017140257.1| PREDICTED: uncharacterized protein LOC108154456 [Drosophila
>gi|1036722387|ref|XP_017145509.1| PREDICTED: peptide transporter family 1 isoform X4 [Drosoph
>gi|1036722349|ref|XP_017145494.1| PREDICTED: peptide transporter family 1 isoform X2 [Drosoph
>gi|1036722368|ref|XP_017145502.1| PREDICTED: peptide transporter family 1 isoform X3 [Drosoph
>gi|1036722328|ref|XP_017145485.1| PREDICTED: peptide transporter family 1 isoform X1 [Drosoph
>gi|1036741634|ref|XP_017155841.1| PREDICTED: zinc finger protein ZPR1 [Drosophila miranda]
>gi|1036741672|ref|XP_017155844.1| PREDICTED: uncharacterized protein LOC108164546 [Drosophila
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>gi|1036741653|ref|XP_017155843.1| PREDICTED: uncharacterized protein LOC108164545 [Drosophila
>gi|1036722164|ref|XP_017145379.1| PREDICTED: dolichyl-diphosphooligosaccharide--protein glyco-
>gi|1036722185|ref|XP 017145391.1| PREDICTED: histone H3.3 [Drosophila miranda]
>gi|1036722145|ref|XP_017145369.1| PREDICTED: basic proline-rich protein [Drosophila miranda]
>gi|1036729638|ref|XP 017149692.1| PREDICTED: frataxin homolog, mitochondrial [Drosophila mira:
>gi|1036729619|ref|XP_017149678.1| PREDICTED: uncharacterized protein CG7065 [Drosophila miran-
>gi|1036754237|ref|XP 017156546.1| PREDICTED: probable sodium/metabolite cotransporter BASS5,
>gi|1036739338|ref|XP_017154934.1| PREDICTED: transmembrane protein fend [Drosophila miranda]
>gi|1036722204|ref|XP 017145403.1| PREDICTED: LOW QUALITY PROTEIN: AP-1 complex subunit gamma-
>gi|1036722241|ref|XP_017145426.1| PREDICTED: ADP-ribosylation factor-related protein 1 [Droso
>gi|1036722260|ref|XP_017145438.1| PREDICTED: protein CutA homolog [Drosophila miranda]
>gi|1036722222|ref|XP 017145415.1| PREDICTED: puff-specific protein Bx42 [Drosophila miranda]
>gi|1036731362|ref|XP_017150681.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731447|ref|XP_017150719.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731483|ref|XP_017150735.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731326|ref|XP_017150665.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731344|ref|XP_017150673.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731394|ref|XP_017150696.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731431|ref|XP_017150711.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731377|ref|XP_017150687.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731412|ref|XP_017150704.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731466|ref|XP_017150727.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731518|ref|XP_017150751.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036731500|ref|XP_017150743.1| PREDICTED: probable phosphorylase b kinase regulatory subun
>gi|1036743858|ref|XP_017155961.1| PREDICTED: cuticle protein 16.5-like [Drosophila miranda]
>gi|1036743839|ref|XP_017155960.1| PREDICTED: T-complex protein 1 subunit beta [Drosophila mire
>gi|1036757646|ref|XP_017156735.1| PREDICTED: chitooligosaccharidolytic beta-N-acetylglucosami
>gi|1036753388|ref|XP_017156495.1| PREDICTED: golgin subfamily A member 6-like protein 6 isofo
>gi|1036753426|ref|XP_017156498.1| PREDICTED: golgin subfamily A member 6-like protein 6 isofo
>gi|1036753443|ref|XP_017156499.1| PREDICTED: sporulation-specific protein 15-like isoform X4
>gi|1036753459|ref|XP_017156500.1| PREDICTED: uncharacterized protein LOC108164985 isoform X5
>gi|1036753407|ref|XP_017156496.1| PREDICTED: golgin subfamily A member 6-like protein 6 isoform
>gi|1036753479|ref|XP_017156501.1| PREDICTED: golgin subfamily A member 6-like protein 10 [Dros
>gi|1036704479|ref|XP_017134919.1| PREDICTED: uncharacterized protein LOC108151052 [Drosophila
>gi|1036705342|ref|XP 017135541.1| PREDICTED: uncharacterized protein LOC108151439 isoform X1
>gi|1036705360|ref|XP_017135550.1| PREDICTED: uncharacterized protein LOC108151439 isoform X2
>gi|1036705060|ref|XP_017135345.1| PREDICTED: uncharacterized protein LOC108151308 isoform X2
>gi|1036705046|ref|XP_017135338.1| PREDICTED: uncharacterized protein LOC108151308 isoform X1
>gi|1036707523|ref|XP_017137022.1| PREDICTED: chondroadherin [Drosophila miranda]
>gi|1036756414|ref|XP_017156669.1| PREDICTED: innexin inx6 [Drosophila miranda]
>gi|1036756432|ref|XP_017156670.1| PREDICTED: innexin inx6 [Drosophila miranda]
>gi|1036756450|ref|XP_017156671.1| PREDICTED: uncharacterized protein LOC108165120 [Drosophila
>gi|1036740839|ref|XP_017155773.1| PREDICTED: N-acetylglucosamine-6-phosphate deacetylase [Dros
>gi|1036740856|ref|XP_017155781.1| PREDICTED: ras-related protein Rab-10 [Drosophila miranda]
>gi|1036741107|ref|XP_017155808.1| PREDICTED: uncharacterized protein LOC108164527 [Drosophila
>gi|1036741123|ref|XP_017155809.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036755363|ref|XP_017156612.1| PREDICTED: peritrophin-1 [Drosophila miranda]
>gi|1036713844|ref|XP 017140937.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
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>gi|1036713861|ref|XP_017140946.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713876|ref|XP_017140954.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713891|ref|XP_017140964.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713913|ref|XP_017140971.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713964|ref|XP 017140998.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713979|ref|XP_017141008.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713930|ref|XP 017140979.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713947|ref|XP_017140987.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714030|ref|XP_017141030.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714071|ref|XP_017141046.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714088|ref|XP_017141052.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036713996|ref|XP_017141014.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714013|ref|XP_017141022.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714044|ref|XP_017141037.1| PREDICTED: cytoplasmic dynein 1 intermediate chain isoform
>gi|1036714117|ref|XP_017141076.1| PREDICTED: annexin B10 isoform X1 [Drosophila miranda]
>gi|1036714131|ref|XP_017141086.1| PREDICTED: annexin B10 isoform X2 [Drosophila miranda]
>gi|1036714180|ref|XP_017141120.1| PREDICTED: TIP41-like protein isoform X2 [Drosophila mirand
>gi|1036714162|ref|XP_017141111.1| PREDICTED: TIP41-like protein isoform X1 [Drosophila mirand
>gi|1036714103|ref|XP_017141064.1| PREDICTED: probable Xaa-Pro aminopeptidase 3 [Drosophila mi
>gi|1036714146|ref|XP 017141099.1| PREDICTED: delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mit-
>gi|1036714216|ref|XP_017141140.1| PREDICTED: PHD finger protein 7 [Drosophila miranda]
>gi|1036742216|ref|XP 017155872.1| PREDICTED: ras-related protein Rab-35 [Drosophila miranda]
>gi|1036754076|ref|XP_017156536.1| PREDICTED: neurogenic locus notch homolog protein 3 isoform
>gi|1036754057|ref|XP_017156535.1| PREDICTED: neurogenic locus notch homolog protein 3 isoform
>gi|1036754039|ref|XP_017156534.1| PREDICTED: neurogenic locus notch homolog protein 3 isoform
>gi|1036699367|ref|XP_017140365.1| PREDICTED: putative odorant receptor 19b [Drosophila mirand
>gi|1036699381|ref|XP_017140474.1| PREDICTED: serine/threonine-protein kinase Warts, partial [
>gi|1036704989|ref|XP_017135290.1| PREDICTED: uncharacterized protein LOC108151272 [Drosophila
>gi|1036699395|ref|XP_017140596.1| PREDICTED: uncharacterized protein LOC108154714 [Drosophila
>gi|1036707438|ref|XP_017136960.1| PREDICTED: uncharacterized protein LOC108152259 [Drosophila
>gi|1036699410|ref|XP_017140835.1| PREDICTED: uncharacterized protein LOC108154869 [Drosophila
>gi|1036752500|ref|XP_017156440.1| PREDICTED: dopamine D2-like receptor isoform X1 [Drosophila
>gi|1036752593|ref|XP_017156445.1| PREDICTED: dopamine D2-like receptor isoform X6 [Drosophila
>gi|1036752538|ref|XP_017156442.1| PREDICTED: dopamine D2-like receptor isoform X3 [Drosophila
>gi|1036752558|ref|XP 017156443.1| PREDICTED: dopamine D2-like receptor isoform X4 [Drosophila
>gi|1036752519|ref|XP_017156441.1| PREDICTED: dopamine D2-like receptor isoform X2 [Drosophila
>gi|1036752577|ref|XP 017156444.1| PREDICTED: dopamine D2-like receptor isoform X5 [Drosophila
>gi|1036749517|ref|XP_017156270.1| PREDICTED: endothelin-converting enzyme 1 isoform X2 [Droso
>gi|1036749500|ref|XP_017156269.1| PREDICTED: endothelin-converting enzyme 1 isoform X1 [Droso
>gi|1036703827|ref|XP_017134536.1| PREDICTED: glycine-rich cell wall structural protein [Droso
>gi|1036723465|ref|XP_017145989.1| PREDICTED: uncharacterized protein LOC108158260 [Drosophila
>gi|1036744574|ref|XP_017155997.1| PREDICTED: uncharacterized protein LOC108164656 [Drosophila
>gi|1036711778|ref|XP_017139678.1| PREDICTED: nuclear pore complex protein Nup205 isoform X1 [
>gi|1036711795|ref|XP_017139686.1| PREDICTED: nuclear pore complex protein Nup205 isoform X2 [
>gi|1036711812|ref|XP_017139694.1| PREDICTED: ras-associated and pleckstrin homology domains-c
>gi|1036749550|ref|XP_017156272.1| PREDICTED: uncharacterized protein LOC108164854 isoform X1
>gi|1036749569|ref|XP_017156273.1| PREDICTED: uncharacterized protein LOC108164854 isoform X2
>gi|1036731861|ref|XP_017150873.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
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>gi|1036726653|ref|XP_017147924.1| PREDICTED: uncharacterized protein LOC108159272 [Drosophila
>gi|1036726671|ref|XP_017147935.1| PREDICTED: ATP-binding cassette sub-family D member 3 [Dros
>gi|1036726689|ref|XP_017147944.1| PREDICTED: ATP-binding cassette sub-family D member 3 [Dros
>gi|1036742734|ref|XP_017155902.1| PREDICTED: bifunctional lysine-specific demethylase and his
>gi|1036742752|ref|XP 017155903.1| PREDICTED: 39S ribosomal protein L33, mitochondrial [Drosop
>gi|1036721355|ref|XP_017145072.1| PREDICTED: insulin-like growth factor 2 mRNA-binding protein
>gi|1036721297|ref|XP 017145045.1| PREDICTED: insulin-like growth factor 2 mRNA-binding protein
>gi|1036721333|ref|XP_017145062.1| PREDICTED: insulin-like growth factor 2 mRNA-binding protein
>gi|1036721278|ref|XP_017145036.1| PREDICTED: insulin-like growth factor 2 mRNA-binding protein
>gi|1036721314|ref|XP_017145053.1| PREDICTED: insulin-like growth factor 2 mRNA-binding protein
>gi|1036716143|ref|XP_017142245.1| PREDICTED: protein transport protein sec31 [Drosophila mirat
>gi|1036716158|ref|XP_017142259.1| PREDICTED: 60S ribosomal protein L22 [Drosophila miranda]
>gi|1036716232|ref|XP_017142306.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036716251|ref|XP_017142315.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036716212|ref|XP_017142293.1| PREDICTED: histone-lysine N-methyltransferase SMYD3 [Drosop
>gi|1036716194|ref|XP_017142280.1| PREDICTED: centromere/kinetochore protein zw10 [Drosophila 1
>gi|1036735957|ref|XP_017153045.1| PREDICTED: chromosome-associated kinesin KIF4 [Drosophila m
>gi|1036734580|ref|XP_017152284.1| PREDICTED: beta-1,4-mannosyltransferase egh [Drosophila mir
>gi|1036734598|ref|XP_017152293.1| PREDICTED: beta-1,4-mannosyltransferase egh [Drosophila mire
>gi|1036729655|ref|XP 017149704.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036729674|ref|XP_017149717.1| PREDICTED: dynein light chain 1, cytoplasmic [Drosophila mi
>gi|1036729693|ref|XP_017149725.1| PREDICTED: dynein light chain 1, cytoplasmic [Drosophila mi
>gi|1036729713|ref|XP_017149733.1| PREDICTED: dynein light chain 1, cytoplasmic [Drosophila mi
>gi|1036729187|ref|XP_017149419.1| PREDICTED: uncharacterized protein LOC108160132 [Drosophila
>gi|1036734331|ref|XP_017152134.1| PREDICTED: uncharacterized protein LOC108162040 isoform X10
>gi|1036734278|ref|XP_017152117.1| PREDICTED: uncharacterized protein LOC108162040 isoform X8
>gi|1036734255|ref|XP_017152109.1| PREDICTED: uncharacterized protein LOC108162040 isoform X7
>gi|1036734222|ref|XP_017152092.1| PREDICTED: uncharacterized protein LOC108162040 isoform X5
>gi|1036734168|ref|XP_017152066.1| PREDICTED: uncharacterized protein LOC108162040 isoform X2
>gi|1036734241|ref|XP 017152100.1| PREDICTED: uncharacterized protein LOC108162040 isoform X6
>gi|1036734185|ref|XP_017152075.1| PREDICTED: uncharacterized protein LOC108162040 isoform X3
>gi|1036734296|ref|XP_017152125.1| PREDICTED: uncharacterized protein LOC108162040 isoform X9
>gi|1036734204|ref|XP 017152084.1| PREDICTED: uncharacterized protein LOC108162040 isoform X4
>gi|1036734150|ref|XP_017152057.1| PREDICTED: uncharacterized protein LOC108162040 isoform X1
>gi|1036743208|ref|XP 017155931.1| PREDICTED: uncharacterized protein DDB G0271670 [Drosophila
>gi|1036743192|ref|XP_017155929.1| PREDICTED: uncharacterized protein LOC108164602 [Drosophila
>gi|1036740539|ref|XP 017155570.1| PREDICTED: anoctamin-10 [Drosophila miranda]
>gi|1036740556|ref|XP_017155584.1| PREDICTED: uncharacterized protein LOC108164415 [Drosophila
>gi|1036740575|ref|XP_017155594.1| PREDICTED: endochitinase A-like [Drosophila miranda]
>gi|1036740592|ref|XP_017155607.1| PREDICTED: uncharacterized protein LOC108164430 [Drosophila
>gi|1036740608|ref|XP_017155617.1| PREDICTED: uncharacterized protein LOC108164430 [Drosophila
>gi|1036718667|ref|XP_017143662.1| PREDICTED: DENN domain-containing protein 4C isoform X1 [Drefletten and the containing protein 4C isoform And the containing And the containing protein 4C isoform And the containing And the 
>gi|1036718684|ref|XP_017143669.1| PREDICTED: DENN domain-containing protein 4C isoform X2 [Dreat containing protein 4C isofor
>gi|1036718700|ref|XP_017143684.1| PREDICTED: chromatin assembly factor 1 subunit A-B [Drosoph
>gi|1036706368|ref|XP_017136253.1| PREDICTED: rab-like protein 3 [Drosophila miranda]
>gi|1036746562|ref|XP_017156115.1| PREDICTED: homeotic protein ocelliless [Drosophila miranda]
>gi|1036745865|ref|XP_017156071.1| PREDICTED: uncharacterized protein LOC108164709 isoform X1
>gi|1036745884|ref|XP_017156072.1| PREDICTED: uncharacterized protein LOC108164709 isoform X2
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>gi|1036736644|ref|XP_017153461.1| PREDICTED: carbonic anhydrase 2 [Drosophila miranda]
>gi|1036736626|ref|XP_017153450.1| PREDICTED: palmitoyl-protein thioesterase 1 [Drosophila mire
>gi|1036705706|ref|XP_017135771.1| PREDICTED: paired mesoderm homeobox protein 2 [Drosophila m
>gi|1036740507|ref|XP_017155546.1| PREDICTED: chitooligosaccharidolytic beta-N-acetylglucosami:
>gi|1036740523|ref|XP 017155558.1| PREDICTED: uncharacterized protein LOC108164404 [Drosophila
>gi|1036731792|ref|XP_017150837.1| PREDICTED: uncharacterized protein CG1785 [Drosophila miran-
>gi|1036731754|ref|XP 017150829.1| PREDICTED: RNA cytidine acetyltransferase isoform X1 [Droso
>gi|1036731773|ref|XP_017150830.1| PREDICTED: RNA cytidine acetyltransferase isoform X2 [Droso
>gi|1036702255|ref|XP_017156245.1| PREDICTED: probable U3 small nucleolar RNA-associated prote
>gi|1036705880|ref|XP_017135899.1| PREDICTED: uncharacterized protein LOC108151668 [Drosophila
>gi|1036747447|ref|XP_017156169.1| PREDICTED: LIM/homeobox protein Lhx1 [Drosophila miranda]
>gi|1036706758|ref|XP_017136542.1| PREDICTED: uncharacterized protein LOC108152047 [Drosophila
>gi|1036706774|ref|XP_017136550.1| PREDICTED: uncharacterized protein LOC108152047 [Drosophila
>gi|1036749202|ref|XP_017156253.1| PREDICTED: zinc finger CCCH domain-containing protein 13 [Di
>gi|1036749220|ref|XP_017156254.1| PREDICTED: zinc finger CCCH domain-containing protein 13 [Di
>gi|1036729431|ref|XP_017149561.1| PREDICTED: moesin/ezrin/radixin homolog 1 [Drosophila mirane
>gi|1036729452|ref|XP_017149569.1| PREDICTED: moesin/ezrin/radixin homolog 1 [Drosophila miran-
>gi|1036729471|ref|XP 017149578.1| PREDICTED: moesin/ezrin/radixin homolog 1 [Drosophila mirane
>gi|1036729491|ref|XP_017149586.1| PREDICTED: moesin/ezrin/radixin homolog 1 [Drosophila miran-
>gi|1036753967|ref|XP 017156530.1| PREDICTED: uroporphyrinogen-III synthase [Drosophila mirand
>gi|1036753984|ref|XP_017156531.1| PREDICTED: uncharacterized protein LOC108165008 [Drosophila
>gi|1036756564|ref|XP 017156677.1| PREDICTED: calumenin-like [Drosophila miranda]
>gi|1036745439|ref|XP_017156047.1| PREDICTED: uncharacterized protein LOC108164688 [Drosophila
>gi|1036745457|ref|XP_017156048.1| PREDICTED: uncharacterized protein LOC108164688 [Drosophila
>gi|1036735406|ref|XP_017152756.1| PREDICTED: protein MAK16 homolog [Drosophila miranda]
>gi|1036735424|ref|XP_017152769.1| PREDICTED: protein enhancer of rudimentary [Drosophila mirates]
>gi|1036712278|ref|XP_017139951.1| PREDICTED: eye-specific diacylglycerol kinase isoform X14 [
>gi|1036712430|ref|XP_017140039.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036712445|ref|XP_017140051.1| PREDICTED: uncharacterized protein LOC108154304 isoform X1
>gi|1036712462|ref|XP_017140059.1| PREDICTED: uncharacterized protein LOC108154304 isoform X2
>gi|1036712115|ref|XP_017139878.1| PREDICTED: eye-specific diacylglycerol kinase isoform X5 [Di
>gi|1036712165|ref|XP_017139904.1| PREDICTED: eye-specific diacylglycerol kinase isoform X8 [Di
>gi|1036712049|ref|XP_017139841.1| PREDICTED: eye-specific diacylglycerol kinase isoform X1 [Di
>gi|1036712132|ref|XP_017139887.1| PREDICTED: eye-specific diacylglycerol kinase isoform X6 [Di
>gi|1036712082|ref|XP_017139856.1| PREDICTED: eye-specific diacylglycerol kinase isoform X3 [Di
>gi|1036712099|ref|XP_017139867.1| PREDICTED: eye-specific diacylglycerol kinase isoform X4 [Di
>gi|1036712067|ref|XP_017139847.1| PREDICTED: eye-specific diacylglycerol kinase isoform X2 [Di
>gi|1036712148|ref|XP_017139897.1| PREDICTED: eye-specific diacylglycerol kinase isoform X7 [Di
>gi|1036712182|ref|XP_017139913.1| PREDICTED: eye-specific diacylglycerol kinase isoform X9 [Di
>gi|1036712247|ref|XP_017139937.1| PREDICTED: eye-specific diacylglycerol kinase isoform X12 [
>gi|1036712199|ref|XP_017139922.1| PREDICTED: eye-specific diacylglycerol kinase isoform X10 [
>gi|1036712216|ref|XP_017139930.1| PREDICTED: eye-specific diacylglycerol kinase isoform X11 [
>gi|1036712396|ref|XP_017140016.1| PREDICTED: nucleosome assembly protein 1-like 1 [Drosophila
>gi|1036712412|ref|XP_017140027.1| PREDICTED: nucleosome assembly protein 1-like 1 [Drosophila
>gi|1036712261|ref|XP_017139944.1| PREDICTED: eye-specific diacylglycerol kinase isoform X13 [
>gi|1036712330|ref|XP_017139978.1| PREDICTED: nostrin isoform X3 [Drosophila miranda]
>gi|1036712364|ref|XP_017139993.1| PREDICTED: nostrin isoform X5 [Drosophila miranda]
>gi|1036712347|ref|XP_017139985.1| PREDICTED: nostrin isoform X4 [Drosophila miranda]
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>gi|1036712381|ref|XP 017140002.1| PREDICTED: nostrin isoform X6 [Drosophila miranda]
>gi|1036712295|ref|XP_017139965.1| PREDICTED: uncharacterized protein LOC108154240 isoform X1
>gi|1036712313|ref|XP_017139973.1| PREDICTED: uncharacterized protein LOC108154240 isoform X2
>gi|1036704189|ref|XP_017134744.1| PREDICTED: uncharacterized protein DDB_G0271670-like [Droso
>gi|1036753292|ref|XP 017156490.1| PREDICTED: transcription factor SPT20 homolog isoform X2 [Di
>gi|1036753274|ref|XP_017156489.1| PREDICTED: transcription factor SPT20 homolog isoform X1 [Di
>gi|1036749623|ref|XP 017156275.1| PREDICTED: acylphosphatase-1 [Drosophila miranda]
>gi|1036749640|ref|XP_017156276.1| PREDICTED: acylphosphatase-1 [Drosophila miranda]
>gi|1036749604|ref|XP_017156274.1| PREDICTED: uncharacterized protein LOC108164856 [Drosophila
>gi|1036749657|ref|XP_017156277.1| PREDICTED: uncharacterized protein LOC108164859 [Drosophila
>gi|1036724197|ref|XP_017146421.1| PREDICTED: U3 small nucleolar RNA-associated protein 6 homo
>gi|1036724233|ref|XP_017146446.1| PREDICTED: chromobox protein homolog 3-like [Drosophila mire
>gi|1036724160|ref|XP_017146396.1| PREDICTED: anaphase-promoting complex subunit 4 isoform X1
>gi|1036724179|ref|XP_017146406.1| PREDICTED: anaphase-promoting complex subunit 4 isoform X2
>gi|1036724212|ref|XP 017146435.1| PREDICTED: uncharacterized protein F54F2.9 [Drosophila mirat
>gi|1036746844|ref|XP_017156133.1| PREDICTED: cell wall protein DAN4 [Drosophila miranda]
>gi|1036749076|ref|XP_017156246.1| PREDICTED: band 7 protein AGAP004871 isoform X1 [Drosophila
>gi|1036749095|ref|XP 017156247.1| PREDICTED: band 7 protein AGAP004871 isoform X2 [Drosophila
>gi|1036749059|ref|XP_017156244.1| PREDICTED: band 7 protein AGAP004871 [Drosophila miranda]
>gi|1036749114|ref|XP 017156248.1| PREDICTED: NADH-cytochrome b5 reductase-like [Drosophila mi
>gi|1036732084|ref|XP_017150975.1| PREDICTED: transmembrane protein 185B [Drosophila miranda]
>gi|1036732121|ref|XP 017150995.1| PREDICTED: barrier-to-autointegration factor-like [Drosophi
>gi|1036732103|ref|XP_017150985.1| PREDICTED: LOW QUALITY PROTEIN: post-GPI attachment to prot
>gi|1036732161|ref|XP_017151012.1| PREDICTED: barrier-to-autointegration factor-like isoform X
>gi|1036732182|ref|XP_017151019.1| PREDICTED: barrier-to-autointegration factor-like isoform X
>gi|1036732142|ref|XP_017151005.1| PREDICTED: barrier-to-autointegration factor-like isoform X
>gi|1036745683|ref|XP_017156062.1| PREDICTED: post-GPI attachment to proteins factor 2-like is
>gi|1036745702|ref|XP_017156064.1| PREDICTED: post-GPI attachment to proteins factor 2-like is
>gi|1036728207|ref|XP_017148840.1| PREDICTED: uncharacterized protein LOC108159778 isoform X2
>gi|1036728190|ref|XP 017148831.1| PREDICTED: uncharacterized protein LOC108159778 isoform X1
>gi|1036756844|ref|XP_017156693.1| PREDICTED: uncharacterized protein LOC108165139 [Drosophila
>gi|1036755160|ref|XP_017156600.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036754693|ref|XP_017156572.1| PREDICTED: dentin sialophosphoprotein [Drosophila miranda]
>gi|1036744419|ref|XP_017155991.1| PREDICTED: uncharacterized protein LOC108164650 [Drosophila
>gi|1036744162|ref|XP 017155976.1| PREDICTED: uncharacterized protein LOC108164641 isoform X1
>gi|1036744181|ref|XP_017155977.1| PREDICTED: uncharacterized protein LOC108164641 isoform X2
>gi|1036744200|ref|XP 017155978.1| PREDICTED: uncharacterized protein LOC108164641 isoform X3
>gi|1036744219|ref|XP_017155979.1| PREDICTED: uncharacterized protein LOC108164641 isoform X3
>gi|1036744236|ref|XP_017155980.1| PREDICTED: uncharacterized protein LOC108164641 isoform X4
>gi|1036744137|ref|XP_017155975.1| PREDICTED: uncharacterized protein LOC108164640 [Drosophila
>gi|1036751381|ref|XP_017156374.1| PREDICTED: uncharacterized protein LOC108164907 [Drosophila
>gi|1036751398|ref|XP_017156375.1| PREDICTED: uncharacterized protein LOC108164907 [Drosophila
>gi|1036751417|ref|XP 017156376.1| PREDICTED: uncharacterized protein LOC108164907 [Drosophila
>gi|1036732516|ref|XP_017151179.1| PREDICTED: uncharacterized protein LOC108161426 [Drosophila
>gi|1036755749|ref|XP_017156631.1| PREDICTED: monocarboxylate transporter 7 isoform X1 [Drosop
>gi|1036755768|ref|XP_017156632.1| PREDICTED: monocarboxylate transporter 7 isoform X2 [Drosop
>gi|1036746524|ref|XP_017156113.1| PREDICTED: receptor-binding cancer antigen expressed on SiS
>gi|1036746505|ref|XP_017156112.1| PREDICTED: uncharacterized protein LOC108164730 [Drosophila
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>gi|1036736451|ref|XP_017153348.1| PREDICTED: protein vav isoform X2 [Drosophila miranda]
>gi|1036736433|ref|XP_017153341.1| PREDICTED: protein vav isoform X1 [Drosophila miranda]
>gi|1036736470|ref|XP 017153360.1| PREDICTED: uncharacterized protein LOC108162898 [Drosophila
>gi|1036731700|ref|XP_017150826.1| PREDICTED: rapamycin-insensitive companion of mTOR [Drosoph
>gi|1036731718|ref|XP 017150827.1| PREDICTED: rapamycin-insensitive companion of mTOR [Drosoph
>gi|1036754832|ref|XP_017156581.1| PREDICTED: heparan sulfate glucosamine 3-0-sulfotransferase
>gi|1036720563|ref|XP 017144695.1| PREDICTED: uncharacterized protein LOC108157237 [Drosophila
>gi|1036720585|ref|XP_017144701.1| PREDICTED: uncharacterized protein LOC108157237 [Drosophila
>gi|1036720621|ref|XP_017144726.1| PREDICTED: protein-lysine N-methyltransferase EEF2KMT [Dros
>gi|1036720545|ref|XP_017144680.1| PREDICTED: pre-mRNA-splicing factor ATP-dependent RNA helical
>gi|1036720639|ref|XP_017144739.1| PREDICTED: uncharacterized protein LOC108157265 isoform X1
>gi|1036720658|ref|XP_017144748.1| PREDICTED: uncharacterized protein LOC108157265 isoform X2
>gi|1036720676|ref|XP_017144757.1| PREDICTED: uncharacterized protein LOC108157265 isoform X2
>gi|1036720605|ref|XP_017144714.1| PREDICTED: tenascin [Drosophila miranda]
>gi|1036730325|ref|XP_017150131.1| PREDICTED: 39S ribosomal protein L38, mitochondrial [Drosop:
>gi|1036730268|ref|XP_017150097.1| PREDICTED: type I inositol 3,4-bisphosphate 4-phosphatase [
>gi|1036730287|ref|XP_017150106.1| PREDICTED: type I inositol 3,4-bisphosphate 4-phosphatase [
>gi|1036730306|ref|XP_017150119.1| PREDICTED: F-box/LRR-repeat protein 4 [Drosophila miranda]
>gi|1036713343|ref|XP_017140558.1| PREDICTED: neurogenic protein mastermind isoform X2 [Drosop
>gi|1036713360|ref|XP 017140568.1| PREDICTED: neurogenic protein mastermind isoform X3 [Drosop
>gi|1036713327|ref|XP_017140549.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036713376|ref|XP 017140576.1| PREDICTED: neurogenic protein mastermind isoform X4 [Drosop
>gi|1036713393|ref|XP_017140588.1| PREDICTED: UMP-CMP kinase 2-like [Drosophila miranda]
>gi|1036713410|ref|XP_017140600.1| PREDICTED: protein Turandot Z [Drosophila miranda]
>gi|1036738073|ref|XP_017154255.1| PREDICTED: ras-related protein Ral-a isoform X2 [Drosophila
>gi|1036738037|ref|XP_017154241.1| PREDICTED: ras-related protein Ral-a isoform X1 [Drosophila
>gi|1036738055|ref|XP_017154249.1| PREDICTED: ras-related protein Ral-a isoform X1 [Drosophila
>gi|1036742862|ref|XP_017155910.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X2
>gi|1036742843|ref|XP_017155909.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Drefine adhesin for platelets isoform X1]
>gi|1036743462|ref|XP_017155945.1| PREDICTED: salivary glue protein Sgs-4-like [Drosophila mire
>gi|1036742339|ref|XP_017155880.1| PREDICTED: poly(ADP-ribose) glycohydrolase [Drosophila mirat
>gi|1036742355|ref|XP_017155881.1| PREDICTED: probable insulin-like peptide 7 [Drosophila mirate
>gi|1036706078|ref|XP 017136061.1| PREDICTED: uncharacterized protein LOC108151746 [Drosophila
>gi|1036754294|ref|XP_017156549.1| PREDICTED: allatostatin-A receptor [Drosophila miranda]
>gi|1036744015|ref|XP 017155971.1| PREDICTED: nucleolar complex protein 4 homolog B [Drosophile
>gi|1036743998|ref|XP_017155970.1| PREDICTED: pickpocket protein 28 [Drosophila miranda]
>gi|1036750244|ref|XP 017156310.1| PREDICTED: limbic system-associated membrane protein [Droso
>gi|1036750279|ref|XP_017156312.1| PREDICTED: uncharacterized protein LOC108164877 isoform X2
>gi|1036750295|ref|XP_017156313.1| PREDICTED: uncharacterized protein LOC108164877 isoform X2
>gi|1036750314|ref|XP_017156314.1| PREDICTED: uncharacterized protein LOC108164877 isoform X3
>gi|1036750263|ref|XP_017156311.1| PREDICTED: uncharacterized protein LOC108164877 isoform X1
>gi|1036739123|ref|XP_017154793.1| PREDICTED: growth arrest-specific protein 8 homolog [Drosop
>gi|1036739158|ref|XP 017154806.1| PREDICTED: uncharacterized protein LOC108163820 isoform X2
>gi|1036739141|ref|XP_017154799.1| PREDICTED: uncharacterized protein LOC108163820 isoform X1
>gi|1036746952|ref|XP_017156140.1| PREDICTED: neurogenic protein mastermind [Drosophila mirand
>gi|1036746916|ref|XP_017156138.1| PREDICTED: uncharacterized protein LOC108164750 isoform X2
>gi|1036746899|ref|XP_017156136.1| PREDICTED: uncharacterized protein LOC108164750 isoform X1
>gi|1036746933|ref|XP_017156139.1| PREDICTED: voltage-gated potassium channel subunit beta-2-1
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>gi|1036756342|ref|XP_017156664.1| PREDICTED: uncharacterized protein LOC108165117 [Drosophila
>gi|1036719606|ref|XP_017144204.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1036719625|ref|XP_017144213.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1036719645|ref|XP_017144222.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1036719586|ref|XP_017144197.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1036719665|ref|XP_017144230.1| PREDICTED: mannosyl-oligosaccharide alpha-1,2-mannosidase I
>gi|1036719704|ref|XP_017144256.1| PREDICTED: activating signal cointegrator 1 [Drosophila mire
>gi|1036719749|ref|XP_017144265.1| PREDICTED: migration and invasion enhancer 1 [Drosophila mi
>gi|1036719685|ref|XP_017144244.1| PREDICTED: cactin [Drosophila miranda]
>gi|1036742500|ref|XP_017155889.1| PREDICTED: molybdenum cofactor sulfurase isoform X2 [Drosop
>gi|1036742482|ref|XP_017155888.1| PREDICTED: molybdenum cofactor sulfurase isoform X1 [Drosop
>gi|1036754003|ref|XP_017156532.1| PREDICTED: small G protein signaling modulator 1 isoform X1
>gi|1036754019|ref|XP_017156533.1| PREDICTED: small G protein signaling modulator 1 isoform X2
>gi|1036752077|ref|XP_017156414.1| PREDICTED: LOW QUALITY PROTEIN: small G protein signaling m
>gi|1036752096|ref|XP_017156415.1| PREDICTED: glutathione S-transferase theta-1 [Drosophila mi
>gi|1036720782|ref|XP_017144813.1| PREDICTED: uncharacterized protein LOC108157307 isoform X2
>gi|1036720800|ref|XP_017144822.1| PREDICTED: uncharacterized protein LOC108157307 isoform X3
>gi|1036720766|ref|XP_017144804.1| PREDICTED: uncharacterized protein LOC108157307 isoform X1
>gi|1036720817|ref|XP_017144830.1| PREDICTED: uncharacterized protein LOC108157307 isoform X4
>gi|1036725719|ref|XP 017147323.1| PREDICTED: kelch-like protein 22 [Drosophila miranda]
>gi|1036725702|ref|XP_017147311.1| PREDICTED: mitogen-activated protein kinase kinase kinase 7
>gi|1036725736|ref|XP 017147337.1| PREDICTED: uncharacterized protein LOC108158994 [Drosophila
>gi|1036752249|ref|XP_017156424.1| PREDICTED: uncharacterized protein LOC108164946 [Drosophila
>gi|1036757833|ref|XP_017156744.1| PREDICTED: uncharacterized protein LOC108165185 [Drosophila
>gi|1036757852|ref|XP_017156745.1| PREDICTED: uncharacterized protein LOC108165186 [Drosophila
>gi|1036757774|ref|XP_017156741.1| PREDICTED: uncharacterized protein LOC108165182 [Drosophila
>gi|1036704333|ref|XP_017134824.1| PREDICTED: runt-related transcription factor 3 isoform X2 [
>gi|1036704316|ref|XP_017134815.1| PREDICTED: protein lozenge isoform X1 [Drosophila miranda]
>gi|1036745942|ref|XP_017156076.1| PREDICTED: probable cytochrome P450 6v1 isoform X1 [Drosoph
>gi|1036745960|ref|XP_017156077.1| PREDICTED: probable cytochrome P450 6v1 isoform X2 [Drosoph
>gi|1036750556|ref|XP_017156326.1| PREDICTED: segmentation protein Runt isoform X1 [Drosophila
>gi|1036750575|ref|XP_017156327.1| PREDICTED: segmentation protein Runt isoform X2 [Drosophila
>gi|1036756015|ref|XP_017156645.1| PREDICTED: uncharacterized protein LOC108165101 [Drosophila
>gi|1036756034|ref|XP_017156646.1| PREDICTED: uncharacterized protein LOC108165101 [Drosophila
>gi|1036703603|ref|XP 017157044.1| PREDICTED: uncharacterized protein LOC108165494 [Drosophila
>gi|1036739559|ref|XP_017155056.1| PREDICTED: innexin shaking-B isoform X1 [Drosophila miranda]
>gi|1036739595|ref|XP_017155073.1| PREDICTED: innexin shaking-B isoform X3 [Drosophila miranda
>gi|1036739577|ref|XP_017155065.1| PREDICTED: innexin shaking-B isoform X2 [Drosophila miranda
>gi|1036739528|ref|XP_017155040.1| PREDICTED: glycerol-3-phosphate acyltransferase 3 [Drosophi
>gi|1036739543|ref|XP_017155048.1| PREDICTED: glycerol-3-phosphate acyltransferase 3 [Drosophi
>gi|1036739508|ref|XP_017155028.1| PREDICTED: uncharacterized protein LOC108163978 [Drosophila
>gi|1036739612|ref|XP_017155084.1| PREDICTED: protein phosphatase 1 regulatory subunit 11 [Dros
>gi|1036699425|ref|XP_017141085.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036755626|ref|XP_017156623.1| PREDICTED: Niemann-Pick C1 protein [Drosophila miranda]
>gi|1036703095|ref|XP_017156755.1| PREDICTED: serine protease SP24D-like [Drosophila miranda]
>gi|1036757682|ref|XP_017156737.1| PREDICTED: uncharacterized protein LOC108165177 [Drosophila
>gi|1036748966|ref|XP_017156239.1| PREDICTED: uncharacterized protein LOC108164827 [Drosophila
>gi|1036748983|ref|XP_017156240.1| PREDICTED: glyoxalase 1 [Drosophila miranda]
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>gi|1036730613|ref|XP_017150288.1| PREDICTED: protein Cep78 homolog isoform X3 [Drosophila mire
>gi|1036730594|ref|XP_017150281.1| PREDICTED: protein Cep78 homolog isoform X2 [Drosophila mire
>gi|1036730575|ref|XP_017150272.1| PREDICTED: protein Cep78 homolog isoform X1 [Drosophila mire
>gi|1036730743|ref|XP_017150372.1| PREDICTED: venom allergen 5 [Drosophila miranda]
>gi|1036730651|ref|XP 017150312.1| PREDICTED: uncharacterized protein LOC108160674 [Drosophila
>gi|1036730632|ref|XP_017150300.1| PREDICTED: uncharacterized protein LOC108160665 [Drosophila
>gi|1036699442|ref|XP 017141213.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036730669|ref|XP_017150326.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036730707|ref|XP 017150348.1| PREDICTED: protein NipSnap [Drosophila miranda]
>gi|1036730726|ref|XP_017150359.1| PREDICTED: protein NipSnap [Drosophila miranda]
>gi|1036730688|ref|XP_017150336.1| PREDICTED: zinc finger matrin-type protein 3 [Drosophila mi
>gi|1036752936|ref|XP_017156468.1| PREDICTED: 60S ribosomal protein L30-like [Drosophila mirane
>gi|1036702288|ref|XP_017156267.1| PREDICTED: UPF0488 protein CG14286 [Drosophila miranda]
>gi|1036721260|ref|XP_017145024.1| PREDICTED: protein Tob1 isoform X2 [Drosophila miranda]
>gi|1036721133|ref|XP_017144968.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721153|ref|XP_017144976.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721171|ref|XP_017144983.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721187|ref|XP_017144990.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721203|ref|XP_017144998.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721222|ref|XP 017145007.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721241|ref|XP_017145016.1| PREDICTED: protein Tob1 isoform X1 [Drosophila miranda]
>gi|1036721078|ref|XP 017144940.1| PREDICTED: uncharacterized protein LOC108157404 [Drosophila
>gi|1036721095|ref|XP_017144952.1| PREDICTED: uncharacterized protein LOC108157410 [Drosophila
>gi|1036721114|ref|XP_017144959.1| PREDICTED: uncharacterized protein LOC108157410 [Drosophila
>gi|1036721063|ref|XP_017144928.1| PREDICTED: putative uncharacterized protein DDB_G0291608 [Di
>gi|1036757373|ref|XP_017156722.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036704496|ref|XP_017134931.1| PREDICTED: fork head domain transcription factor slp1, part
>gi|1036747428|ref|XP_017156168.1| PREDICTED: uncharacterized protein LOC108164767 [Drosophila
>gi|1036749002|ref|XP_017156241.1| PREDICTED: protein disconnected [Drosophila miranda]
>gi|1036705986|ref|XP_017135981.1| PREDICTED: uncharacterized protein LOC108151716 isoform X1
>gi|1036706007|ref|XP_017135989.1| PREDICTED: uncharacterized protein LOC108151716 isoform X2
>gi|1036699457|ref|XP_017141336.1| PREDICTED: uncharacterized protein LOC108155149 [Drosophila
>gi|1036732797|ref|XP_017151323.1| PREDICTED: katanin p80 WD40 repeat-containing subunit B1 is
>gi|1036732778|ref|XP_017151317.1| PREDICTED: katanin p80 WD40 repeat-containing subunit B1 is
>gi|1036732815|ref|XP 017151335.1| PREDICTED: peroxisomal multifunctional enzyme type 2 [Droso
>gi|1036732834|ref|XP_017151343.1| PREDICTED: peroxisomal multifunctional enzyme type 2 [Droso
>gi|1036746489|ref|XP_017156111.1| PREDICTED: calpain-C [Drosophila miranda]
>gi|1036744677|ref|XP_017156003.1| PREDICTED: uncharacterized protein LOC108164661 [Drosophila
>gi|1036744695|ref|XP_017156004.1| PREDICTED: HIG1 domain family member 2A, mitochondrial [Dros
>gi|1036741037|ref|XP_017155803.1| PREDICTED: high mobility group protein DSP1 isoform X1 [Dros
>gi|1036741055|ref|XP_017155804.1| PREDICTED: high mobility group protein DSP1 isoform X2 [Dros
>gi|1036741072|ref|XP_017155805.1| PREDICTED: high mobility group protein DSP1 isoform X3 [Dros
>gi|1036741089|ref|XP_017155807.1| PREDICTED: high mobility group protein DSP1 isoform X4 [Drop
>gi|1036717210|ref|XP_017142880.1| PREDICTED: acyl-CoA Delta(11) desaturase-like [Drosophila m
>gi|1036717122|ref|XP_017142829.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036717194|ref|XP_017142868.1| PREDICTED: splicing factor U2AF 50 kDa subunit [Drosophila i
>gi|1036717138|ref|XP_017142840.1| PREDICTED: uncharacterized protein LOC108156065 [Drosophila
>gi|1036717154|ref|XP_017142848.1| PREDICTED: uncharacterized protein LOC108156065 [Drosophila
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>gi|1036717171|ref|XP_017142856.1| PREDICTED: uncharacterized protein LOC108156065 [Drosophila
>gi|1036729166|ref|XP_017149407.1| PREDICTED: uncharacterized protein LOC108160122 [Drosophila
>gi|1036729148|ref|XP_017149396.1| PREDICTED: protein no-on-transient A [Drosophila miranda]
>gi|1036723090|ref|XP_017145799.1| PREDICTED: furin-like protease 2 isoform X1 [Drosophila mire
>gi|1036723112|ref|XP_017145808.1| PREDICTED: furin-like protease 2 isoform X1 [Drosophila mire
>gi|1036723130|ref|XP_017145820.1| PREDICTED: furin-like protease 2 isoform X2 [Drosophila mire
>gi|1036723148|ref|XP 017145831.1| PREDICTED: furin-like protease 2 isoform X3 [Drosophila mire
>gi|1036723167|ref|XP_017145840.1| PREDICTED: furin-like protease 2 isoform X4 [Drosophila mire
>gi|1036723203|ref|XP_017145861.1| PREDICTED: uncharacterized protein LOC108158142 isoform X2
>gi|1036723186|ref|XP_017145853.1| PREDICTED: uncharacterized protein LOC108158142 isoform X1
>gi|1036723214|ref|XP_017145869.1| PREDICTED: uncharacterized protein LOC108158142 isoform X3
>gi|1036736680|ref|XP_017153482.1| PREDICTED: trimeric intracellular cation channel type B-B [
>gi|1036736698|ref|XP_017153491.1| PREDICTED: trimeric intracellular cation channel type B-B [
>gi|1036736714|ref|XP_017153499.1| PREDICTED: trimeric intracellular cation channel type B-B [
>gi|1036736733|ref|XP_017153508.1| PREDICTED: trimeric intracellular cation channel type B-B [
>gi|1036736663|ref|XP_017153471.1| PREDICTED: negative elongation factor D [Drosophila miranda]
>gi|1036756892|ref|XP_017156698.1| PREDICTED: probable phospholipid-transporting ATPase IF [Dropholipid-transporting ATPase IF [Dropholipi
>gi|1036751992|ref|XP_017156409.1| PREDICTED: probable phospholipid-transporting ATPase IF [Droposition of the content of the 
>gi|1036747113|ref|XP_017156149.1| PREDICTED: TNF receptor-associated factor 3 isoform X1 [Dros
>gi|1036747131|ref|XP 017156151.1| PREDICTED: TNF receptor-associated factor 3 isoform X2 [Drop
>gi|1036747097|ref|XP_017156148.1| PREDICTED: annexin B11 isoform X2 [Drosophila miranda]
>gi|1036747062|ref|XP_017156146.1| PREDICTED: annexin B11 isoform X1 [Drosophila miranda]
>gi|1036747078|ref|XP_017156147.1| PREDICTED: annexin B11 isoform X1 [Drosophila miranda]
>gi|1036733599|ref|XP_017151723.1| PREDICTED: gamma-glutamyltranspeptidase 1 [Drosophila miran
>gi|1036733650|ref|XP_017151741.1| PREDICTED: gamma-glutamyltranspeptidase 1 [Drosophila miran-
>gi|1036733690|ref|XP_017151759.1| PREDICTED: uncharacterized protein LOC108161868 isoform X2
>gi|1036733669|ref|XP_017151752.1| PREDICTED: uncharacterized protein LOC108161868 isoform X1
>gi|1036733709|ref|XP_017151771.1| PREDICTED: uncharacterized protein LOC108161884 [Drosophila
>gi|1036733561|ref|XP_017151703.1| PREDICTED: sushi, von Willebrand factor type A, EGF and pen
>gi|1036733581|ref|XP_017151710.1| PREDICTED: sushi, von Willebrand factor type A, EGF and pen
>gi|1036756308|ref|XP_017156662.1| PREDICTED: fibrous sheath CABYR-binding protein [Drosophila
>gi|1036746809|ref|XP_017156131.1| PREDICTED: serine protease gd [Drosophila miranda]
>gi|1036746826|ref|XP_017156132.1| PREDICTED: protein twisted gastrulation [Drosophila miranda]
>gi|1036755307|ref|XP_017156608.1| PREDICTED: uncharacterized protein LOC108165071 [Drosophila
>gi|1036755325|ref|XP 017156610.1| PREDICTED: uncharacterized protein LOC108165071 [Drosophila
>gi|1036717982|ref|XP_017143303.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718002|ref|XP_017143313.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718021|ref|XP_017143323.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718059|ref|XP_017143341.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718040|ref|XP_017143331.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718076|ref|XP_017143349.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718113|ref|XP_017143364.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718095|ref|XP_017143356.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718128|ref|XP_017143372.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718147|ref|XP_017143378.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718166|ref|XP_017143387.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718188|ref|XP_017143393.1| PREDICTED: voltage-dependent calcium channel type A subunit
>gi|1036718207|ref|XP_017143400.1| PREDICTED: voltage-dependent calcium channel type A subunit
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>gi|1036754527|ref|XP_017156563.1| PREDICTED: PDZ domain-containing protein 8 [Drosophila mirated
>gi|1036756053|ref|XP_017156647.1| PREDICTED: leucine-rich repeat-containing protein 20 isoform
>gi|1036756072|ref|XP_017156648.1| PREDICTED: leucine-rich repeat-containing protein 20 isoform
>gi|1036703879|ref|XP_017134567.1| PREDICTED: leucine-rich repeat-containing protein 69-like is
>gi|1036703930|ref|XP_017134588.1| PREDICTED: protein lap1-like isoform X4 [Drosophila miranda]
>gi|1036703913|ref|XP_017134582.1| PREDICTED: leucine-rich repeat-containing protein 69-like is
>gi|1036703896|ref|XP 017134574.1| PREDICTED: leucine-rich repeat-containing protein 69-like in
>gi|1036748107|ref|XP_017156204.1| PREDICTED: uncharacterized protein LOC108164792 [Drosophila
>gi|1036748088|ref|XP_017156203.1| PREDICTED: uncharacterized protein LOC108164791 [Drosophila
>gi|1036754275|ref|XP_017156548.1| PREDICTED: probable cytochrome P450 28a5 [Drosophila mirand
>gi|1036732315|ref|XP_017151082.1| PREDICTED: protein xmas-2 [Drosophila miranda]
>gi|1036732332|ref|XP 017151094.1| PREDICTED: uncharacterized protein LOC108161359 [Drosophila
>gi|1036699471|ref|XP_017141454.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036729976|ref|XP_017149886.1| PREDICTED: uncharacterized protein LOC108160402 [Drosophila
>gi|1036699488|ref|XP_017141582.1| PREDICTED: uncharacterized protein LOC108155322 [Drosophila
>gi|1036740746|ref|XP_017155712.1| PREDICTED: histone H1.3-like [Drosophila miranda]
>gi|1036740775|ref|XP_017155735.1| PREDICTED: histone H2B-like [Drosophila miranda]
>gi|1036740760|ref|XP_017155723.1| PREDICTED: coiled-coil-helix-coiled-coil-helix domain-conta
>gi|1036743427|ref|XP_017155943.1| PREDICTED: hexokinase type 2 [Drosophila miranda]
>gi|1036699502|ref|XP 017141705.1| PREDICTED: LOW QUALITY PROTEIN: protein vreteno-like [Droso
>gi|1036727344|ref|XP_017148347.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dr
>gi|1036727361|ref|XP_017148355.1| PREDICTED: serine-rich adhesin for platelets isoform X3 [Dr
>gi|1036727295|ref|XP_017148325.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017148325.1]
>gi|1036727325|ref|XP_017148337.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017148337.1]
>gi|1036723885|ref|XP_017146206.1| PREDICTED: probable cytochrome P450 318a1 [Drosophila miran-
>gi|1036723848|ref|XP_017146187.1| PREDICTED: protein strawberry notch isoform X1 [Drosophila i
>gi|1036723867|ref|XP_017146196.1| PREDICTED: protein strawberry notch isoform X2 [Drosophila i
>gi|1036723919|ref|XP_017146228.1| PREDICTED: GTP-binding nuclear protein Ran-like [Drosophila
>gi|1036723902|ref|XP_017146217.1| PREDICTED: 2-methoxy-6-polyprenyl-1,4-benzoquinol methylase
>gi|1036699514|ref|XP_017141828.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036723936|ref|XP_017146241.1| PREDICTED: GTP-binding nuclear protein Ran-like [Drosophila
>gi|1036727144|ref|XP_017148209.1| PREDICTED: relaxin receptor 2 [Drosophila miranda]
>gi|1036727215|ref|XP 017148264.1| PREDICTED: uncharacterized protein LOC108159462 [Drosophila
>gi|1036727198|ref|XP_017148250.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 5 [
>gi|1036727181|ref|XP 017148235.1| PREDICTED: brahma-associated protein of 60 kDa [Drosophila 1
>gi|1036727162|ref|XP_017148223.1| PREDICTED: cleft lip and palate transmembrane protein 1-lik
>gi|1036756184|ref|XP 017156655.1| PREDICTED: uncharacterized protein LOC108165108 [Drosophila
>gi|1036745049|ref|XP_017156024.1| PREDICTED: voltage-dependent T-type calcium channel subunit
>gi|1036745032|ref|XP_017156022.1| PREDICTED: voltage-dependent T-type calcium channel subunit
>gi|1036754602|ref|XP_017156567.1| PREDICTED: vanin-like protein 3 [Drosophila miranda]
>gi|1036754584|ref|XP_017156566.1| PREDICTED: vanin-like protein 1 [Drosophila miranda]
>gi|1036757265|ref|XP_017156715.1| PREDICTED: mitochondrial import receptor subunit TOM70-like
>gi|1036756797|ref|XP 017156691.1| PREDICTED: vanin-like protein 2 [Drosophila miranda]
>gi|1036740626|ref|XP_017155631.1| PREDICTED: UDP-xylose and UDP-N-acetylglucosamine transport
>gi|1036740645|ref|XP_017155638.1| PREDICTED: UDP-xylose and UDP-N-acetylglucosamine transport
>gi|1036740661|ref|XP_017155648.1| PREDICTED: UDP-xylose and UDP-N-acetylglucosamine transport
>gi|1036740677|ref|XP_017155656.1| PREDICTED: UDP-xylose and UDP-N-acetylglucosamine transport
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>gi|1036740693|ref|XP\_017155669.1| PREDICTED: myosin regulatory light chain sqh [Drosophila mi

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>gi|1036727653|ref|XP_017148524.1| PREDICTED: transmembrane protein 132B [Drosophila miranda]
>gi|1036703295|ref|XP_017156876.1| PREDICTED: uncharacterized protein LOC108165351 isoform X1
>gi|1036703334|ref|XP_017156891.1| PREDICTED: uncharacterized protein LOC108165351 isoform X3
>gi|1036703369|ref|XP_017156906.1| PREDICTED: uncharacterized protein LOC108165351 isoform X5
>gi|1036703315|ref|XP 017156883.1| PREDICTED: uncharacterized protein LOC108165351 isoform X2
>gi|1036703354|ref|XP_017156899.1| PREDICTED: uncharacterized protein LOC108165351 isoform X4
>gi|1036729305|ref|XP 017149482.1| PREDICTED: dmX-like protein 2 [Drosophila miranda]
>gi|1036751755|ref|XP_017156394.1| PREDICTED: splicing factor 3B subunit 4 isoform X2 [Drosoph
>gi|1036751736|ref|XP_017156393.1| PREDICTED: splicing factor 3B subunit 4 isoform X1 [Drosoph
>gi|1036746971|ref|XP_017156141.1| PREDICTED: ceramide synthase 6 [Drosophila miranda]
>gi|1036746990|ref|XP_017156142.1| PREDICTED: josephin-like protein [Drosophila miranda]
>gi|1036724726|ref|XP 017146751.1| PREDICTED: transcription elongation factor SPT6 [Drosophila
>gi|1036747479|ref|XP_017156171.1| PREDICTED: uncharacterized protein LOC108164770 [Drosophila
>gi|1036747496|ref|XP_017156172.1| PREDICTED: uncharacterized protein LOC108164770 [Drosophila
>gi|1036747534|ref|XP_017156174.1| PREDICTED: cytochrome b5 isoform X2 [Drosophila miranda]
>gi|1036747515|ref|XP_017156173.1| PREDICTED: cytochrome b5 isoform X1 [Drosophila miranda]
>gi|1036747555|ref|XP_017156175.1| PREDICTED: probable cytochrome b5 isoform X3 [Drosophila mi
>gi|1036710068|ref|XP_017138615.1| PREDICTED: uncharacterized protein LOC108153261 [Drosophila
>gi|1036710166|ref|XP_017138682.1| PREDICTED: uncharacterized protein LOC108153299 [Drosophila
>gi|1036710183|ref|XP 017138692.1| PREDICTED: uncharacterized protein LOC108153299 [Drosophila
>gi|1036710113|ref|XP_017138650.1| PREDICTED: U4/U6.U5 tri-snRNP-associated protein 2 isoform
>gi|1036710130|ref|XP 017138660.1| PREDICTED: U4/U6.U5 tri-snRNP-associated protein 2 isoform
>gi|1036710098|ref|XP_017138642.1| PREDICTED: U4/U6.U5 tri-snRNP-associated protein 2 isoform
>gi|1036710215|ref|XP_017138717.1| PREDICTED: L-xylulose reductase [Drosophila miranda]
>gi|1036710083|ref|XP_017138628.1| PREDICTED: mucin-12 [Drosophila miranda]
>gi|1036710147|ref|XP_017138672.1| PREDICTED: probable sulfite oxidase, mitochondrial [Drosoph
>gi|1036710200|ref|XP_017138706.1| PREDICTED: proteasome subunit alpha type-7-1 [Drosophila mi
>gi|1036749844|ref|XP_017156288.1| PREDICTED: XK-related protein 6 isoform X2 [Drosophila mirated protein 6 isoform X2 
>gi|1036749826|ref|XP_017156287.1| PREDICTED: XK-related protein 6 isoform X1 [Drosophila mirated]
>gi|1036749375|ref|XP_017156263.1| PREDICTED: 27 kDa hemolymph protein [Drosophila miranda]
>gi|1036726872|ref|XP_017148064.1| PREDICTED: uncharacterized protein LOC108159354 [Drosophila
>gi|1036726909|ref|XP_017148080.1| PREDICTED: lambda-crystallin homolog [Drosophila miranda]
>gi|1036726852|ref|XP 017148050.1| PREDICTED: protein IWS1 homolog [Drosophila miranda]
>gi|1036749770|ref|XP_017156284.1| PREDICTED: WASH complex subunit 7 homolog isoform X1 [Droso
>gi|1036749789|ref|XP 017156285.1| PREDICTED: WASH complex subunit 7 homolog isoform X2 [Droso
>gi|1036745580|ref|XP_017156056.1| PREDICTED: peptidyl-prolyl cis-trans isomerase [Drosophila 1
>gi|1036738801|ref|XP 017154611.1| PREDICTED: myotubularin-related protein 4 isoform X1 [Droso
>gi|1036738817|ref|XP_017154619.1| PREDICTED: myotubularin-related protein 4 isoform X2 [Droso
>gi|1036738832|ref|XP_017154628.1| PREDICTED: myotubularin-related protein 4 isoform X2 [Droso
>gi|1036738849|ref|XP_017154637.1| PREDICTED: myotubularin-related protein 4 isoform X2 [Droso
>gi|1036738865|ref|XP_017154644.1| PREDICTED: myotubularin-related protein 4 isoform X3 [Droso
>gi|1036747408|ref|XP_017156166.1| PREDICTED: endoplasmic reticulum resident protein 44 [Droso
>gi|1036744291|ref|XP_017155983.1| PREDICTED: RNA-binding protein cabeza isoform X1 [Drosophile
>gi|1036744308|ref|XP_017155984.1| PREDICTED: RNA-binding protein cabeza isoform X2 [Drosophile
>gi|1036749023|ref|XP_017156242.1| PREDICTED: vesicle transport protein GOT1B [Drosophila mirated
>gi|1036749041|ref|XP_017156243.1| PREDICTED: cytochrome b-c1 complex subunit 7 [Drosophila mi
>gi|1036747007|ref|XP_017156143.1| PREDICTED: ethanolamine kinase [Drosophila miranda]
>gi|1036747025|ref|XP_017156144.1| PREDICTED: ethanolamine kinase [Drosophila miranda]
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>gi|1036747044|ref|XP_017156145.1| PREDICTED: ethanolamine kinase [Drosophila miranda]
>gi|1036699531|ref|XP_017141956.1| PREDICTED: uncharacterized protein LOC108155546 [Drosophila
>gi|1036729267|ref|XP_017149466.1| PREDICTED: vascular endothelial growth factor C [Drosophila
>gi|1036729240|ref|XP_017149454.1| PREDICTED: zinc finger protein 596 [Drosophila miranda]
>gi|1036729203|ref|XP 017149433.1| PREDICTED: protein FAM188A homolog isoform X1 [Drosophila m
>gi|1036729222|ref|XP_017149441.1| PREDICTED: protein FAM188A homolog isoform X2 [Drosophila m
>gi|1036740872|ref|XP 017155796.1| PREDICTED: zinc finger CCCH domain-containing protein 13 [Di
>gi|1036740890|ref|XP_017155797.1| PREDICTED: zinc finger CCCH domain-containing protein 13 [Di
>gi|1036756671|ref|XP_017156684.1| PREDICTED: succinate dehydrogenase [ubiquinone] iron-sulfur
>gi|1036753001|ref|XP_017156472.1| PREDICTED: dual specificity protein phosphatase 3 isoform X
>gi|1036753018|ref|XP_017156473.1| PREDICTED: dual specificity protein phosphatase 3 isoform X
>gi|1036753037|ref|XP 017156474.1| PREDICTED: dual specificity protein phosphatase 3 isoform X
>gi|1036753054|ref|XP_017156475.1| PREDICTED: dual specificity protein phosphatase 3 isoform X-
>gi|1036720526|ref|XP_017144670.1| PREDICTED: putative uncharacterized protein DDB_G0277255 [Di
>gi|1036706051|ref|XP_017136033.1| PREDICTED: uncharacterized protein LOC108151737 [Drosophila
>gi|1036755195|ref|XP_017156602.1| PREDICTED: uncharacterized protein LOC108165065 [Drosophila
>gi|1036705477|ref|XP_017135628.1| PREDICTED: uncharacterized protein LOC108151496 [Drosophila
>gi|1036705493|ref|XP_017135637.1| PREDICTED: uncharacterized protein LOC108151496 [Drosophila
>gi|1036699547|ref|XP_017142209.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036754112|ref|XP 017156538.1| PREDICTED: uncharacterized protein LOC108165013 [Drosophila
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>gi|1036754150|ref|XP 017156541.1| PREDICTED: uncharacterized protein LOC108165014 [Drosophila
>gi|1036703695|ref|XP_017157096.1| PREDICTED: myotrophin [Drosophila miranda]
>gi|1036703654|ref|XP_017157074.1| PREDICTED: uncharacterized protein LOC108165523 isoform X1
>gi|1036703678|ref|XP_017157084.1| PREDICTED: uncharacterized protein LOC108165523 isoform X2
>gi|1036706280|ref|XP_017136196.1| PREDICTED: cAMP-regulated phosphoprotein 19-A-like [Drosoph
>gi|1036704972|ref|XP_017135276.1| PREDICTED: nuclear pore complex protein Nup50-like [Drosoph
>gi|1036703843|ref|XP_017134547.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036703862|ref|XP_017134555.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036732909|ref|XP 017151377.1| PREDICTED: uncharacterized protein LOC108161591 isoform X2
>gi|1036732928|ref|XP_017151386.1| PREDICTED: uncharacterized protein LOC108161591 isoform X2
>gi|1036732951|ref|XP_017151396.1| PREDICTED: uncharacterized protein LOC108161591 isoform X2
>gi|1036733006|ref|XP 017151403.1| PREDICTED: uncharacterized protein LOC108161591 isoform X2
>gi|1036732890|ref|XP_017151370.1| PREDICTED: uncharacterized protein LOC108161591 isoform X1
>gi|1036733044|ref|XP 017151421.1| PREDICTED: vacuolar ATPase assembly integral membrane prote
>gi|1036733025|ref|XP 017151411.1| PREDICTED: innexin inx5 [Drosophila miranda]
>gi|1036704047|ref|XP 017134656.1| PREDICTED: uncharacterized protein LOC108150861 [Drosophila
>gi|1036704109|ref|XP_017134691.1| PREDICTED: uncharacterized protein LOC108150889 [Drosophila
>gi|1036735457|ref|XP_017152788.1| PREDICTED: uncharacterized protein LOC108162511 isoform X2
>gi|1036735440|ref|XP_017152781.1| PREDICTED: uncharacterized protein LOC108162511 isoform X1
>gi|1036725417|ref|XP_017147153.1| PREDICTED: uncharacterized protein LOC108158886 isoform X1
>gi|1036725435|ref|XP_017147164.1| PREDICTED: uncharacterized protein LOC108158886 isoform X1
>gi|1036725472|ref|XP_017147180.1| PREDICTED: uncharacterized protein LOC108158886 isoform X3
>gi|1036725491|ref|XP_017147189.1| PREDICTED: uncharacterized protein LOC108158886 isoform X4
>gi|1036725510|ref|XP 017147197.1| PREDICTED: uncharacterized protein LOC108158886 isoform X5
>gi|1036725452|ref|XP_017147172.1| PREDICTED: uncharacterized protein LOC108158886 isoform X2
>gi|1036725528|ref|XP_017147210.1| PREDICTED: lectin subunit alpha [Drosophila miranda]
>gi|1036739293|ref|XP_017154907.1| PREDICTED: serine protease snake [Drosophila miranda]
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>gi|1036739309|ref|XP_017154916.1| PREDICTED: serine protease snake [Drosophila miranda]
>gi|1036739323|ref|XP_017154924.1| PREDICTED: serine protease snake [Drosophila miranda]
>gi|1036739278|ref|XP_017154896.1| PREDICTED: DNA replication licensing factor Mcm3 [Drosophile
>gi|1036743982|ref|XP_017155969.1| PREDICTED: protein DENND6B [Drosophila miranda]
>gi|1036741869|ref|XP 017155853.1| PREDICTED: DNA repair protein XRCC1 [Drosophila miranda]
>gi|1036741887|ref|XP_017155854.1| PREDICTED: calcineurin subunit B type 1 [Drosophila miranda]
>gi|1036741905|ref|XP_017155855.1| PREDICTED: calcineurin subunit B type 1 [Drosophila miranda
>gi|1036741924|ref|XP_017155856.1| PREDICTED: calcineurin subunit B type 1 [Drosophila miranda]
>gi|1036742951|ref|XP_017155915.1| PREDICTED: small conductance calcium-activated potassium ch
>gi|1036742969|ref|XP_017155917.1| PREDICTED: small conductance calcium-activated potassium ch
>gi|1036742988|ref|XP_017155918.1| PREDICTED: small conductance calcium-activated potassium cha
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>gi|1036743079|ref|XP 017155923.1| PREDICTED: small conductance calcium-activated potassium ch
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>gi|1036743117|ref|XP 017155925.1| PREDICTED: small conductance calcium-activated potassium ch
>gi|1036754489|ref|XP_017156560.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036723016|ref|XP 017145754.1| PREDICTED: A-kinase anchor protein 1, mitochondrial [Drosop
>gi|1036723059|ref|XP_017145780.1| PREDICTED: 60S ribosomal protein L36 [Drosophila miranda]
>gi|1036723075|ref|XP 017145788.1| PREDICTED: 60S ribosomal protein L36 [Drosophila miranda]
>gi|1036723040|ref|XP_017145767.1| PREDICTED: histone H4 transcription factor [Drosophila mirated]
>gi|1036733112|ref|XP_017151453.1| PREDICTED: uncharacterized protein LOC108161665 [Drosophila
>gi|1036733131|ref|XP_017151467.1| PREDICTED: uncharacterized protein LOC108161671 [Drosophila
>gi|1036733095|ref|XP_017151447.1| PREDICTED: frizzled-4 [Drosophila miranda]
>gi|1036741962|ref|XP_017155858.1| PREDICTED: uncharacterized protein LOC108164555 isoform X1
>gi|1036741998|ref|XP_017155860.1| PREDICTED: uncharacterized protein LOC108164555 isoform X3
>gi|1036741981|ref|XP_017155859.1| PREDICTED: uncharacterized protein LOC108164555 isoform X2
>gi|1036757097|ref|XP_017156705.1| PREDICTED: uncharacterized protein LOC108165149 [Drosophila
>gi|1036703496|ref|XP_017156979.1| PREDICTED: thioredoxin domain-containing protein 9-like [Dref|XP_017156979.1]
>gi|1036731843|ref|XP_017150862.1| PREDICTED: zinc finger CCCH domain-containing protein 18 is
>gi|1036731825|ref|XP 017150856.1| PREDICTED: zinc finger CCCH domain-containing protein 18 is
>gi|1036731807|ref|XP_017150848.1| PREDICTED: zinc finger CCCH domain-containing protein 18 is
>gi|1036753574|ref|XP 017156506.1| PREDICTED: protein ABHD11 [Drosophila miranda]
>gi|1036747291|ref|XP_017156161.1| PREDICTED: protein unc-119 homolog [Drosophila miranda]
>gi|1036743512|ref|XP_017155946.1| PREDICTED: RNA polymerase II degradation factor 1 [Drosophi
>gi|1036744830|ref|XP_017156010.1| PREDICTED: autophagy protein 5 [Drosophila miranda]
>gi|1036736920|ref|XP_017153624.1| PREDICTED: rho GTPase-activating protein gacZ [Drosophila m
>gi|1036752137|ref|XP_017156417.1| PREDICTED: acyl-CoA synthetase family member 3, mitochondria
>gi|1036752155|ref|XP_017156418.1| PREDICTED: venom allergen 5 [Drosophila miranda]
>gi|1036742807|ref|XP_017155906.1| PREDICTED: sarcoplasmic calcium-binding protein [Drosophila
>gi|1036742826|ref|XP 017155908.1| PREDICTED: uncharacterized protein LOC108164593 [Drosophila
>gi|1036705562|ref|XP_017135680.1| PREDICTED: uncharacterized protein LOC108151534 isoform X1
>gi|1036705592|ref|XP_017135689.1| PREDICTED: uncharacterized protein LOC108151534 isoform X2
>gi|1036705241|ref|XP_017135477.1| PREDICTED: uncharacterized protein LOC108151397 [Drosophila
>gi|1036705258|ref|XP_017135483.1| PREDICTED: uncharacterized protein LOC108151397 [Drosophila
>gi|1036703620|ref|XP_017157054.1| PREDICTED: uncharacterized protein LOC108165505 [Drosophila
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>gi|1036703637|ref|XP_017157061.1| PREDICTED: uncharacterized protein LOC108165505 [Drosophila
>gi|1036753884|ref|XP_017156525.1| PREDICTED: condensin complex subunit 2-like isoform X1 [Droplet Subunit 2-like isoform
>gi|1036753900|ref|XP_017156526.1| PREDICTED: condensin complex subunit 2-like isoform X2 [Dros
>gi|1036753916|ref|XP_017156527.1| PREDICTED: uncharacterized protein LOC108165003 isoform X3
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>gi|1036705509|ref|XP_017135649.1| PREDICTED: uncharacterized protein LOC108151511 isoform X1
>gi|1036757737|ref|XP_017156739.1| PREDICTED: uncharacterized protein LOC108165180 [Drosophila
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>gi|1036699562|ref|XP_017142462.1| PREDICTED: F-box/WD repeat-containing protein A [Drosophila
>gi|1036707369|ref|XP_017136915.1| PREDICTED: uncharacterized protein LOC108152233 [Drosophila
>gi|1036707163|ref|XP_017136794.1| PREDICTED: small nuclear ribonucleoprotein-associated prote
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>gi|1036753311|ref|XP_017156491.1| PREDICTED: transcription factor GTE3, chloroplastic-like [Di
>gi|1036753369|ref|XP 017156494.1| PREDICTED: uncharacterized protein LOC108164984 [Drosophila
>gi|1036753351|ref|XP_017156493.1| PREDICTED: uncharacterized protein LOC108164983 [Drosophila
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>gi|1036705815|ref|XP_017135854.1| PREDICTED: uncharacterized protein LOC108151644 [Drosophila
>gi|1036735122|ref|XP_017152591.1| PREDICTED: homeobox protein cut isoform X1 [Drosophila mirate
>gi|1036735140|ref|XP_017152600.1| PREDICTED: homeobox protein cut isoform X2 [Drosophila mirat
>gi|1036735155|ref|XP_017152612.1| PREDICTED: LOW QUALITY PROTEIN: serine/threonine-protein ph
>gi|1036757227|ref|XP_017156712.1| PREDICTED: uncharacterized protein LOC108165157 [Drosophila
>gi|1036730870|ref|XP_017150446.1| PREDICTED: uncharacterized protein LOC108160754 [Drosophila
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>gi|1036706590|ref|XP_017136397.1| PREDICTED: uncharacterized protein LOC108151962 [Drosophila
>gi|1036704207|ref|XP_017134751.1| PREDICTED: LOW QUALITY PROTEIN: AF4/FMR2 family member 4 [D:
>gi|1036715798|ref|XP 017142050.1| PREDICTED: protein HIRA homolog [Drosophila miranda]
>gi|1036715815|ref|XP_017142063.1| PREDICTED: negative elongation factor B [Drosophila miranda]
>gi|1036715831|ref|XP 017142077.1| PREDICTED: uncharacterized protein LOC108155639 [Drosophila
>gi|1036715851|ref|XP_017142089.1| PREDICTED: pyruvate dehydrogenase [acetyl-transferring]-pho-
>gi|1036715871|ref|XP_017142102.1| PREDICTED: ras-related protein Rab-39B [Drosophila miranda]
>gi|1036742374|ref|XP_017155882.1| PREDICTED: mitochondrial import receptor subunit TOM40 homo
>gi|1036758069|ref|XP_017156754.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036699606|ref|XP_017142847.1| PREDICTED: uncharacterized protein LOC108156047 [Drosophila
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>gi|1036699621|ref|XP_017142968.1| PREDICTED: uncharacterized protein LOC108156128 [Drosophila
>gi|1036753796|ref|XP_017156519.1| PREDICTED: venom carboxylesterase-6 [Drosophila miranda]
>gi|1036749861|ref|XP_017156289.1| PREDICTED: L-asparaginase [Drosophila miranda]
>gi|1036737180|ref|XP_017153765.1| PREDICTED: vesicle-associated membrane protein-associated p
>gi|1036737128|ref|XP_017153742.1| PREDICTED: vesicle-associated membrane protein-associated page 2 protein-associated page 3 protein-associated pag
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>gi|1036737146|ref|XP_017153748.1| PREDICTED: vesicle-associated membrane protein-associated page 2 protein-associated page 3 protein-associated pag
>gi|1036737164|ref|XP_017153757.1| PREDICTED: vesicle-associated membrane protein-associated protein-associa
>gi|1036725887|ref|XP_017147442.1| PREDICTED: uncharacterized protein LOC108159029 [Drosophila
>gi|1036725905|ref|XP_017147454.1| PREDICTED: CAS1 domain-containing protein 1 [Drosophila mire
>gi|1036699638|ref|XP 017143087.1| PREDICTED: uncharacterized protein LOC108156219 [Drosophila
>gi|1036757946|ref|XP_017156751.1| PREDICTED: uncharacterized protein ZK546.14 [Drosophila mire
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>gi|1036745474|ref|XP_017156049.1| PREDICTED: V-type proton ATPase subunit d 1 [Drosophila mire
>gi|1036734365|ref|XP_017152153.1| PREDICTED: fizzy-related protein homolog [Drosophila mirand
>gi|1036734383|ref|XP_017152162.1| PREDICTED: fizzy-related protein homolog [Drosophila mirand
>gi|1036751528|ref|XP_017156383.1| PREDICTED: uncharacterized protein LOC108164911 isoform X1
>gi|1036751546|ref|XP_017156384.1| PREDICTED: acidic phospholipase A2 PA4 isoform X2 [Drosophi
>gi|1036751567|ref|XP_017156385.1| PREDICTED: uncharacterized protein LOC108164911 isoform X3
>gi|1036751588|ref|XP_017156386.1| PREDICTED: uncharacterized protein LOC108164911 isoform X3
>gi|1036734545|ref|XP_017152252.1| PREDICTED: nuclear cap-binding protein subunit 1 [Drosophile
>gi|1036734562|ref|XP_017152263.1| PREDICTED: mastermind-like domain-containing protein 1 [Droplet of the containing prote
>gi|1036746577|ref|XP_017156116.1| PREDICTED: torsin-like protein [Drosophila miranda]
>gi|1036746594|ref|XP_017156118.1| PREDICTED: 39S ribosomal protein L30, mitochondrial [Drosop
>gi|1036706790|ref|XP 017136564.1| PREDICTED: helix-loop-helix protein 1 [Drosophila miranda]
>gi|1036705672|ref|XP_017135748.1| PREDICTED: protein Flattop homolog [Drosophila miranda]
>gi|1036708216|ref|XP 017137496.1| PREDICTED: uncharacterized protein LOC108152568 [Drosophila
>gi|1036747833|ref|XP_017156192.1| PREDICTED: ras-interacting protein RIP3 [Drosophila miranda]
>gi|1036739472|ref|XP_017155007.1| PREDICTED: COPII coat assembly protein SEC16 isoform X1 [Dr
>gi|1036739490|ref|XP_017155016.1| PREDICTED: uncharacterized protein LOC108163962 isoform X2
>gi|1036721467|ref|XP_017145136.1| PREDICTED: uncharacterized abhydrolase domain-containing pro-
>gi|1036721430|ref|XP_017145114.1| PREDICTED: serine/threonine-protein kinase minibrain isoform
>gi|1036721411|ref|XP_017145106.1| PREDICTED: serine/threonine-protein kinase minibrain isoform
>gi|1036721448|ref|XP_017145124.1| PREDICTED: zinc finger protein 622 [Drosophila miranda]
>gi|1036742270|ref|XP_017155875.1| PREDICTED: actin-related protein 8 [Drosophila miranda]
>gi|1036742285|ref|XP_017155876.1| PREDICTED: putative sulfiredoxin isoform X1 [Drosophila mire
>gi|1036742303|ref|XP_017155877.1| PREDICTED: putative sulfiredoxin isoform X2 [Drosophila mire
>gi|1036713586|ref|XP_017140747.1| PREDICTED: laccase-3 [Drosophila miranda]
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>gi|1036713619|ref|XP 017140768.1| PREDICTED: uncharacterized protein LOC108154855 [Drosophila
>gi|1036713671|ref|XP_017140803.1| PREDICTED: RING finger protein 121 [Drosophila miranda]
>gi|1036713636|ref|XP 017140781.1| PREDICTED: mitochondrial uncoupling protein 4 [Drosophila m
>gi|1036713655|ref|XP_017140791.1| PREDICTED: mitochondrial uncoupling protein 4 [Drosophila m
>gi|1036713603|ref|XP_017140755.1| PREDICTED: replication factor C subunit 4 [Drosophila miran
>gi|1036713704|ref|XP_017140827.1| PREDICTED: transcription initiation factor TFIID subunit 9
>gi|1036713688|ref|XP_017140815.1| PREDICTED: uncharacterized protein LOC108154880 [Drosophila
>gi|1036739732|ref|XP_017155160.1| PREDICTED: uncharacterized protein LOC108164082 [Drosophila
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>gi|1036754620|ref|XP_017156568.1| PREDICTED: homeobox protein unc-4 isoform X1 [Drosophila mi
>gi|1036754637|ref|XP_017156569.1| PREDICTED: homeobox protein unc-4 isoform X2 [Drosophila mi
>gi|1036704299|ref|XP_017134806.1| PREDICTED: homeobox protein unc-4 [Drosophila miranda]
>gi|1036706421|ref|XP_017136290.1| PREDICTED: uncharacterized protein LOC108151894 [Drosophila
>gi|1036709987|ref|XP_017138564.1| PREDICTED: probable Ras GTPase-activating protein isoform X-
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>gi|1036709970|ref|XP_017138558.1| PREDICTED: probable Ras GTPase-activating protein isoform X
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>gi|1036710004|ref|XP_017138577.1| PREDICTED: DNA topoisomerase 1 isoform X1 [Drosophila miran-
>gi|1036710021|ref|XP 017138586.1| PREDICTED: DNA topoisomerase 1 isoform X2 [Drosophila miran
>gi|1036710036|ref|XP_017138596.1| PREDICTED: DNA topoisomerase 1 isoform X3 [Drosophila miran-
>gi|1036710053|ref|XP 017138606.1| PREDICTED: DNA topoisomerase 1 isoform X4 [Drosophila miran
>gi|1036739696|ref|XP_017155141.1| PREDICTED: dystrotelin [Drosophila miranda]
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>gi|1036724829|ref|XP_017146830.1| PREDICTED: histone deacetylase 6 isoform X1 [Drosophila mire
>gi|1036724896|ref|XP_017146861.1| PREDICTED: histone deacetylase 6 isoform X4 [Drosophila mire
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>gi|1036724845|ref|XP_017146839.1| PREDICTED: histone deacetylase 6 isoform X2 [Drosophila mire
>gi|1036724859|ref|XP_017146845.1| PREDICTED: histone deacetylase 6 isoform X2 [Drosophila mire
>gi|1036724932|ref|XP_017146882.1| PREDICTED: LOW QUALITY PROTEIN: p21-activated protein kinase
>gi|1036735729|ref|XP_017152924.1| PREDICTED: probable ATP-dependent RNA helicase DDX46 [Droso
>gi|1036752409|ref|XP 017156434.1| PREDICTED: inhibitory POU protein isoform X4 [Drosophila mi
>gi|1036752390|ref|XP_017156433.1| PREDICTED: inhibitory POU protein isoform X3 [Drosophila mi
>gi|1036752372|ref|XP 017156432.1| PREDICTED: inhibitory POU protein isoform X2 [Drosophila mi
>gi|1036752356|ref|XP_017156431.1| PREDICTED: inhibitory POU protein isoform X1 [Drosophila mi
>gi|1036752427|ref|XP 017156435.1| PREDICTED: serine/threonine-protein phosphatase alpha-3 iso
>gi|1036752444|ref|XP_017156437.1| PREDICTED: uncharacterized protein LOC108164952 [Drosophila
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>gi|1036748663|ref|XP_017156224.1| PREDICTED: uncharacterized protein LOC108164814 isoform X3
>gi|1036699658|ref|XP_017143210.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036748682|ref|XP_017156225.1| PREDICTED: uncharacterized protein LOC108164815 [Drosophila
>gi|1036736261|ref|XP_017153228.1| PREDICTED: secretory carrier-associated membrane protein 1
>gi|1036736246|ref|XP_017153218.1| PREDICTED: adenosylhomocysteinase [Drosophila miranda]
>gi|1036716747|ref|XP_017142604.1| PREDICTED: P3 protein [Drosophila miranda]
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>gi|1036716804|ref|XP_017142637.1| PREDICTED: uncharacterized protein LOC108155963 [Drosophila
>gi|1036716824|ref|XP_017142647.1| PREDICTED: uncharacterized protein LOC108155963 [Drosophila
>gi|1036716847|ref|XP_017142659.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1036716726|ref|XP_017142593.1| PREDICTED: serine/threonine-protein kinase Nek11 [Drosophile
>gi|1036716766|ref|XP_017142616.1| PREDICTED: acetyl-CoA acetyltransferase, mitochondrial [Dros
>gi|1036757191|ref|XP_017156710.1| PREDICTED: uncharacterized protein LOC108165155 [Drosophila
>gi|1036704800|ref|XP_017135157.1| PREDICTED: selenide, water dikinase-like [Drosophila mirand
>gi|1036707217|ref|XP_017136828.1| PREDICTED: uncharacterized protein LOC108152189 [Drosophila
>gi|1036699672|ref|XP_017143336.1| PREDICTED: uncharacterized protein LOC108156386 [Drosophila
>gi|1036699685|ref|XP_017143453.1| PREDICTED: uncharacterized protein LOC108156460 [Drosophila
>gi|1036751014|ref|XP_017156353.1| PREDICTED: uncharacterized protein LOC108164897 [Drosophila
>gi|1036751032|ref|XP_017156354.1| PREDICTED: defective chorion-1 protein, FC106 isoform [Dros
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>gi|1036757627|ref|XP_017156734.1| PREDICTED: golgin subfamily A member 4-like [Drosophila mire
>gi|1036699701|ref|XP_017143575.1| PREDICTED: uncharacterized protein LOC108156538 [Drosophila
>gi|1036699714|ref|XP_017143700.1| PREDICTED: mitochondrial carrier homolog 2-like [Drosophila
>gi|1036699731|ref|XP_017143948.1| PREDICTED: mitochondrial carrier homolog 2-like [Drosophila
>gi|1036699746|ref|XP 017144072.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036757755|ref|XP_017156740.1| PREDICTED: carbonic anhydrase-related protein 10 [Drosophile
>gi|1036755734|ref|XP 017156630.1| PREDICTED: AT-rich interactive domain-containing protein 1B
>gi|1036753867|ref|XP_017156524.1| PREDICTED: uncharacterized protein LOC108165002 [Drosophila
>gi|1036743371|ref|XP_017155940.1| PREDICTED: cap-specific mRNA (nucleoside-2'-0-)-methyltrans
>gi|1036747312|ref|XP_017156162.1| PREDICTED: uncharacterized protein LOC108164762 [Drosophila
>gi|1036747331|ref|XP_017156163.1| PREDICTED: uncharacterized protein LOC108164763 [Drosophila
>gi|1036757135|ref|XP_017156707.1| PREDICTED: LOW QUALITY PROTEIN: polycystic kidney disease 2
>gi|1036756376|ref|XP_017156667.1| PREDICTED: polycystic kidney disease 2-like 1 protein isofo
>gi|1036756359|ref|XP_017156666.1| PREDICTED: polycystic kidney disease 2-like 2 protein isofo
>gi|1036756395|ref|XP_017156668.1| PREDICTED: uncharacterized protein LOC108165118 isoform X3
>gi|1036755228|ref|XP_017156604.1| PREDICTED: collagen alpha-1(II) chain-like isoform X1 [Drose
>gi|1036755244|ref|XP_017156605.1| PREDICTED: collagen alpha-1(III) chain-like isoform X2 [Drope to the collagen alpha-1) chain-like isoform X2 [Drope to the collagen alpha-1] chain-like isoform X2 [Drope to th
>gi|1036737545|ref|XP_017153972.1| PREDICTED: uncharacterized protein LOC108163279 [Drosophila
>gi|1036723410|ref|XP_017145959.1| PREDICTED: serine/threonine-protein kinase TAO3 isoform X1
>gi|1036723429|ref|XP 017145967.1| PREDICTED: serine/threonine-protein kinase TA03 isoform X2
>gi|1036723446|ref|XP_017145979.1| PREDICTED: vacuolar protein sorting-associated protein 33A
>gi|1036735745|ref|XP 017152937.1| PREDICTED: gamma-tubulin complex component 2 homolog isoform
>gi|1036735764|ref|XP_017152944.1| PREDICTED: gamma-tubulin complex component 2 homolog isoform
>gi|1036699760|ref|XP_017144189.1| PREDICTED: homeobox protein ARX [Drosophila miranda]
>gi|1036730153|ref|XP_017150023.1| PREDICTED: REST corepressor isoform X2 [Drosophila miranda]
>gi|1036730134|ref|XP_017150015.1| PREDICTED: REST corepressor isoform X1 [Drosophila miranda]
>gi|1036730172|ref|XP_017150031.1| PREDICTED: REST corepressor isoform X3 [Drosophila miranda]
>gi|1036745649|ref|XP_017156060.1| PREDICTED: probable isocitrate dehydrogenase [NAD] subunit
>gi|1036745667|ref|XP_017156061.1| PREDICTED: probable isocitrate dehydrogenase [NAD] subunit
>gi|1036718720|ref|XP_017143701.1| PREDICTED: uncharacterized protein LOC108156629 [Drosophila
>gi|1036718740|ref|XP_017143712.1| PREDICTED: uncharacterized protein LOC108156629 [Drosophila
>gi|1036718769|ref|XP_017143733.1| PREDICTED: 6-phosphofructo-2-kinase/fructose-2,6-bisphospha
>gi|1036718754|ref|XP_017143724.1| PREDICTED: 6-phosphofructo-2-kinase/fructose-2,6-bisphospha
>gi|1036718788|ref|XP_017143741.1| PREDICTED: 6-phosphofructo-2-kinase/fructose-2,6-bisphospha
>gi|1036718807|ref|XP 017143751.1| PREDICTED: 6-phosphofructo-2-kinase/fructose-2,6-bisphospha
>gi|1036702925|ref|XP_017156678.1| PREDICTED: protein kish [Drosophila miranda]
>gi|1036702323|ref|XP 017156292.1| PREDICTED: NADH dehydrogenase [ubiquinone] iron-sulfur prote
>gi|1036721393|ref|XP_017145094.1| PREDICTED: LOW QUALITY PROTEIN: 5'-3' exoribonuclease 1 [Dr
>gi|1036721374|ref|XP_017145083.1| PREDICTED: probable ATP-dependent RNA helicase DHX34 [Droso
>gi|1036734653|ref|XP_017152326.1| PREDICTED: 28S ribosomal protein S14, mitochondrial [Drosop
>gi|1036734615|ref|XP_017152306.1| PREDICTED: N-alpha-acetyltransferase 16, NatA auxiliary sub
>gi|1036734634|ref|XP_017152314.1| PREDICTED: N-alpha-acetyltransferase 16, NatA auxiliary sub
>gi|1036699775|ref|XP 017144311.1| PREDICTED: uncharacterized protein LOC108156988 [Drosophila
>gi|1036722703|ref|XP_017145617.1| PREDICTED: RING-box protein 1-like [Drosophila miranda]
>gi|1036757889|ref|XP_017156748.1| PREDICTED: uncharacterized protein LOC108165188 [Drosophila
>gi|1036704819|ref|XP_017135169.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036757392|ref|XP_017156723.1| PREDICTED: nose resistant to fluoxetine protein 6-like isof
>gi|1036757410|ref|XP_017156724.1| PREDICTED: nose resistant to fluoxetine protein 6-like isof
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>gi|1036757429|ref|XP_017156725.1| PREDICTED: nose resistant to fluoxetine protein 6-like isof
>gi|1036757588|ref|XP_017156732.1| PREDICTED: nardilysin-like isoform X1 [Drosophila miranda]
>gi|1036757607|ref|XP_017156733.1| PREDICTED: nardilysin-like isoform X2 [Drosophila miranda]
>gi|1036756780|ref|XP_017156690.1| PREDICTED: nose resistant to fluoxetine protein 6-like [Dros
>gi|1036708492|ref|XP_017137675.1| PREDICTED: 40S ribosomal protein S10b [Drosophila miranda]
>gi|1036708380|ref|XP_017137603.1| PREDICTED: sin3 histone deacetylase corepressor complex com
>gi|1036708431|ref|XP 017137642.1| PREDICTED: heat shock protein beta-6 isoform X1 [Drosophila
>gi|1036708447|ref|XP_017137648.1| PREDICTED: heat shock protein beta-1 isoform X2 [Drosophila
>gi|1036708318|ref|XP_017137562.1| PREDICTED: solute carrier family 25 member 40 isoform X1 [D:
>gi|1036708331|ref|XP_017137571.1| PREDICTED: solute carrier family 25 member 40 isoform X2 [D:
>gi|1036708284|ref|XP_017137542.1| PREDICTED: solute carrier family 25 member 40 isoform X1 [Di
>gi|1036708301|ref|XP_017137550.1| PREDICTED: solute carrier family 25 member 40 isoform X2 [Di
>gi|1036708509|ref|XP_017137687.1| PREDICTED: coiled-coil domain-containing protein 86 [Drosop
>gi|1036708397|ref|XP_017137618.1| PREDICTED: L-seryl-tRNA(Sec) kinase [Drosophila miranda]
>gi|1036708525|ref|XP_017137701.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036699792|ref|XP_017144438.1| PREDICTED: uncharacterized protein LOC108157068 [Drosophila
>gi|1036708478|ref|XP_017137663.1| PREDICTED: N-alpha-acetyltransferase 20 [Drosophila miranda]
>gi|1036708346|ref|XP_017137583.1| PREDICTED: dual specificity protein phosphatase 12 [Drosoph
>gi|1036708364|ref|XP_017137591.1| PREDICTED: dual specificity protein phosphatase 12 [Drosoph
>gi|1036708414|ref|XP 017137630.1| PREDICTED: pyridoxal phosphate phosphatase PHOSPH02 [Drosop
>gi|1036708250|ref|XP_017137521.1| PREDICTED: supporter of activation of yellow protein [Droso
>gi|1036708266|ref|XP_017137529.1| PREDICTED: supporter of activation of yellow protein [Droso
>gi|1036714845|ref|XP_017141500.1| PREDICTED: pyridoxal phosphate phosphatase PHOSPHO2 [Drosop
>gi|1036714809|ref|XP_017141480.1| PREDICTED: cell differentiation protein RCD1 homolog [Droso
>gi|1036714828|ref|XP_017141489.1| PREDICTED: cell differentiation protein RCD1 homolog [Droso
>gi|1036714863|ref|XP_017141510.1| PREDICTED: protein transport protein Sec61 gamma-2 subunit
>gi|1036714772|ref|XP_017141455.1| PREDICTED: signal recognition particle receptor subunit alp
>gi|1036714790|ref|XP_017141468.1| PREDICTED: 26S protease regulatory subunit 6B [Drosophila m
>gi|1036714735|ref|XP_017141434.1| PREDICTED: uncharacterized protein LOC108155248 isoform X1
>gi|1036714753|ref|XP_017141442.1| PREDICTED: uncharacterized protein LOC108155248 isoform X2
>gi|1036742320|ref|XP_017155878.1| PREDICTED: 60 kDa heat shock protein, mitochondrial [Drosop:
>gi|1036753814|ref|XP_017156520.1| PREDICTED: uncharacterized protein LOC108165001 [Drosophila
>gi|1036753831|ref|XP_017156521.1| PREDICTED: uncharacterized protein LOC108165001 [Drosophila
>gi|1036753850|ref|XP_017156523.1| PREDICTED: uncharacterized protein LOC108165001 [Drosophila
>gi|1036726131|ref|XP 017147590.1| PREDICTED: protein ELYS homolog [Drosophila miranda]
>gi|1036739261|ref|XP_017154884.1| PREDICTED: exportin-5 [Drosophila miranda]
>gi|1036732555|ref|XP 017151198.1| PREDICTED: actin-related protein 10 [Drosophila miranda]
>gi|1036732537|ref|XP_017151189.1| PREDICTED: CWF19-like protein 2 homolog [Drosophila miranda]
>gi|1036732572|ref|XP_017151208.1| PREDICTED: 40S ribosomal protein S19a [Drosophila miranda]
>gi|1036726596|ref|XP_017147892.1| PREDICTED: rho-associated protein kinase 1 isoform X1 [Dros
>gi|1036726614|ref|XP_017147902.1| PREDICTED: rho-associated protein kinase 1 isoform X2 [Dros
>gi|1036726635|ref|XP_017147912.1| PREDICTED: rho-associated protein kinase 1 isoform X3 [Dros
>gi|1036730558|ref|XP_017150260.1| PREDICTED: brain acid soluble protein 1 homolog [Drosophila
>gi|1036730522|ref|XP_017150243.1| PREDICTED: nardilysin-like isoform X1 [Drosophila miranda]
>gi|1036730542|ref|XP_017150248.1| PREDICTED: nardilysin-like isoform X2 [Drosophila miranda]
>gi|1036751918|ref|XP_017156404.1| PREDICTED: 40S ribosomal protein S19a-like [Drosophila mirat
>gi|1036741362|ref|XP_017155825.1| PREDICTED: myotubularin-related protein 10-B [Drosophila mi
>gi|1036699809|ref|XP_017144563.1| PREDICTED: uncharacterized protein LOC108157134 [Drosophila
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>gi|1036752338|ref|XP_017156430.1| PREDICTED: glutaredoxin-related protein 5, mitochondrial [Di
>gi|1036716487|ref|XP_017142475.1| PREDICTED: flotillin-2 isoform X1 [Drosophila miranda]
>gi|1036716503|ref|XP_017142484.1| PREDICTED: flotillin-2 isoform X1 [Drosophila miranda]
>gi|1036716557|ref|XP_017142492.1| PREDICTED: flotillin-2 isoform X1 [Drosophila miranda]
>gi|1036716576|ref|XP 017142501.1| PREDICTED: flotillin-2 isoform X2 [Drosophila miranda]
>gi|1036716595|ref|XP_017142511.1| PREDICTED: flotillin-2 isoform X3 [Drosophila miranda]
>gi|1036716453|ref|XP 017142450.1| PREDICTED: glucose dehydrogenase [FAD, quinone] isoform X2
>gi|1036716381|ref|XP_017142404.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716434|ref|XP_017142444.1| PREDICTED: glucose dehydrogenase [FAD, quinone] isoform X1
>gi|1036716400|ref|XP_017142420.1| PREDICTED: LOW QUALITY PROTEIN: glucose dehydrogenase [FAD,
>gi|1036716362|ref|XP_017142392.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716651|ref|XP_017142542.1| PREDICTED: uncharacterized protein LOC108155905 [Drosophila
>gi|1036716288|ref|XP_017142339.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716690|ref|XP_017142567.1| PREDICTED: glucose dehydrogenase [FAD, quinone]-like [Droso
>gi|1036716268|ref|XP_017142328.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716470|ref|XP_017142463.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716325|ref|XP_017142368.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716670|ref|XP_017142555.1| PREDICTED: uncharacterized protein LOC108155915 [Drosophila
>gi|1036716343|ref|XP_017142379.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716306|ref|XP 017142354.1| PREDICTED: LOW QUALITY PROTEIN: glucose dehydrogenase [FAD,
>gi|1036716416|ref|XP_017142433.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1036716630|ref|XP 017142530.1| PREDICTED: uncharacterized protein LOC108155896 [Drosophila
>gi|1036716611|ref|XP_017142519.1| PREDICTED: flotillin-2 isoform X4 [Drosophila miranda]
>gi|1036737512|ref|XP_017153952.1| PREDICTED: probable 4-coumarate--CoA ligase 1 [Drosophila m
>gi|1036750922|ref|XP_017156348.1| PREDICTED: chromobox protein homolog 5-like [Drosophila mire
>gi|1036750848|ref|XP_017156344.1| PREDICTED: potassium voltage-gated channel protein eag isof
>gi|1036750904|ref|XP_017156347.1| PREDICTED: potassium voltage-gated channel protein eag isof
>gi|1036750866|ref|XP_017156345.1| PREDICTED: potassium voltage-gated channel protein eag isof
>gi|1036750885|ref|XP_017156346.1| PREDICTED: potassium voltage-gated channel protein eag isof
>gi|1036755473|ref|XP_017156618.1| PREDICTED: cathepsin E-B-like [Drosophila miranda]
>gi|1036743389|ref|XP_017155941.1| PREDICTED: uncharacterized protein LOC108164612 [Drosophila
>gi|1036743408|ref|XP_017155942.1| PREDICTED: branched-chain-amino-acid aminotransferase, cyto-
>gi|1036723989|ref|XP 017146275.1| PREDICTED: mpv17-like protein 2 [Drosophila miranda]
>gi|1036724008|ref|XP_017146288.1| PREDICTED: protein yippee [Drosophila miranda]
>gi|1036724029|ref|XP 017146296.1| PREDICTED: protein yippee [Drosophila miranda]
>gi|1036724048|ref|XP_017146309.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036723970|ref|XP 017146263.1| PREDICTED: RNA-binding protein 1 isoform X2 [Drosophila mire
>gi|1036723953|ref|XP_017146252.1| PREDICTED: RNA-binding protein 1 isoform X1 [Drosophila mire
>gi|1036743339|ref|XP_017155938.1| PREDICTED: alanine aminotransferase 1 [Drosophila miranda]
>gi|1036743355|ref|XP_017155939.1| PREDICTED: alanine aminotransferase 1 [Drosophila miranda]
>gi|1036706093|ref|XP_017136076.1| PREDICTED: doublesex- and mab-3-related transcription factor
>gi|1036706108|ref|XP_017136083.1| PREDICTED: uncharacterized protein LOC108151748 isoform X2
>gi|1036757699|ref|XP 017156738.1| PREDICTED: uncharacterized protein LOC108165178 [Drosophila
>gi|1036738883|ref|XP_017154657.1| PREDICTED: nuclear speckle splicing regulatory protein 1 [Di
>gi|1036738901|ref|XP_017154668.1| PREDICTED: 40S ribosomal protein S15Aa [Drosophila miranda]
>gi|1036715760|ref|XP_017142027.1| PREDICTED: peroxiredoxin 1 [Drosophila miranda]
>gi|1036715712|ref|XP_017141989.1| PREDICTED: uncharacterized protein LOC108155578 isoform X2
>gi|1036715674|ref|XP_017141973.1| PREDICTED: uncharacterized protein LOC108155578 isoform X1
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>gi|1036715693|ref|XP_017141982.1| PREDICTED: uncharacterized protein LOC108155578 isoform X1
>gi|1036715730|ref|XP_017142002.1| PREDICTED: uncharacterized protein LOC108155592 [Drosophila
>gi|1036715747|ref|XP_017142015.1| PREDICTED: pre-mRNA-splicing factor 38B [Drosophila miranda
>gi|1036715640|ref|XP_017141951.1| PREDICTED: raf homolog serine/threonine-protein kinase phl
>gi|1036715657|ref|XP 017141961.1| PREDICTED: raf homolog serine/threonine-protein kinase phl
>gi|1036715779|ref|XP_017142039.1| PREDICTED: 39S ribosomal protein L14, mitochondrial [Drosop
>gi|1036737020|ref|XP 017153684.1| PREDICTED: flocculation protein FL011 isoform X1 [Drosophile
>gi|1036737038|ref|XP_017153692.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036737057|ref|XP_017153701.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036737076|ref|XP_017153710.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036737094|ref|XP_017153719.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036757793|ref|XP_017156742.1| PREDICTED: sporozoite surface protein 2-like [Drosophila mi
>gi|1036757814|ref|XP_017156743.1| PREDICTED: sporozoite surface protein 2-like [Drosophila mi
>gi|1036704513|ref|XP_017134942.1| PREDICTED: putative uncharacterized protein DDB_G0268364 [Di
>gi|1036744504|ref|XP_017155993.1| PREDICTED: uncharacterized protein LOC108164652 isoform X1
>gi|1036744523|ref|XP_017155994.1| PREDICTED: uncharacterized protein LOC108164652 isoform X2
>gi|1036704226|ref|XP_017134763.1| PREDICTED: uncharacterized protein LOC108150940 [Drosophila
>gi|1036726833|ref|XP_017148037.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036743927|ref|XP_017155965.1| PREDICTED: inosine-5'-monophosphate dehydrogenase [Drosophi
>gi|1036743946|ref|XP 017155966.1| PREDICTED: inosine-5'-monophosphate dehydrogenase [Drosophi
>gi|1036755210|ref|XP_017156603.1| PREDICTED: rabphilin-3A [Drosophila miranda]
>gi|1036744063|ref|XP 017155972.1| PREDICTED: vacuole membrane protein 1 [Drosophila miranda]
>gi|1036744082|ref|XP_017155973.1| PREDICTED: vacuole membrane protein 1 [Drosophila miranda]
>gi|1036744101|ref|XP_017155974.1| PREDICTED: vacuole membrane protein 1 [Drosophila miranda]
>gi|1036748183|ref|XP_017156209.1| PREDICTED: gamma-aminobutyric acid receptor-associated prot
>gi|1036752829|ref|XP_017156460.1| PREDICTED: transcription initiation factor IIA subunit 2 [Di
>gi|1036719530|ref|XP_017144168.1| PREDICTED: integrin beta-PS isoform X1 [Drosophila miranda]
>gi|1036719547|ref|XP_017144176.1| PREDICTED: integrin beta-PS isoform X1 [Drosophila miranda]
>gi|1036719567|ref|XP_017144184.1| PREDICTED: integrin beta-PS isoform X2 [Drosophila miranda]
>gi|1036719511|ref|XP_017144156.1| PREDICTED: regulator of nonsense transcripts 2 [Drosophila i
>gi|1036749467|ref|XP_017156266.1| PREDICTED: dynein intermediate chain 3, ciliary [Drosophila
>gi|1036749481|ref|XP_017156268.1| PREDICTED: 17-beta-hydroxysteroid dehydrogenase 13 [Drosoph
>gi|1036699824|ref|XP 017144691.1| PREDICTED: EF-hand calcium-binding domain-containing protein
>gi|1036725087|ref|XP_017146972.1| PREDICTED: ubiquitin-conjugating enzyme E2 H [Drosophila mi
>gi|1036725103|ref|XP 017146979.1| PREDICTED: ubiquitin-conjugating enzyme E2 H [Drosophila mi
>gi|1036725070|ref|XP_017146959.1| PREDICTED: protein rhomboid [Drosophila miranda]
>gi|1036725116|ref|XP_017146990.1| PREDICTED: uncharacterized protein LOC108158809 [Drosophila
>gi|1036725134|ref|XP_017146999.1| PREDICTED: uncharacterized protein LOC108158809 [Drosophila
>gi|1036725152|ref|XP_017147006.1| PREDICTED: uncharacterized protein LOC108158809 [Drosophila
>gi|1036749533|ref|XP_017156271.1| PREDICTED: uncharacterized protein LOC108164853 [Drosophila
>gi|1036699841|ref|XP_017144812.1| PREDICTED: inosine-5'-monophosphate dehydrogenase-like [Dros
>gi|1036730503|ref|XP_017150229.1| PREDICTED: putative folylpolyglutamate synthase [Drosophila
>gi|1036730484|ref|XP 017150217.1| PREDICTED: uncharacterized protein LOC108160603 isoform X2
>gi|1036730450|ref|XP_017150200.1| PREDICTED: uncharacterized protein LOC108160603 isoform X1
>gi|1036730467|ref|XP_017150208.1| PREDICTED: uncharacterized protein LOC108160603 isoform X1
>gi|1036756545|ref|XP_017156676.1| PREDICTED: YEATS domain-containing protein 4 [Drosophila mi
>gi|1036756524|ref|XP_017156675.1| PREDICTED: uncharacterized protein LOC108165123 [Drosophila
>gi|1036717066|ref|XP_017142799.1| PREDICTED: protein kinase shaggy isoform X2 [Drosophila mire
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>gi|1036717086|ref|XP_017142807.1| PREDICTED: protein kinase shaggy isoform X3 [Drosophila mire
>gi|1036717047|ref|XP_017142789.1| PREDICTED: protein kinase shaggy isoform X1 [Drosophila mire
>gi|1036732065|ref|XP_017150966.1| PREDICTED: phosphatidylinositol 4-kinase alpha [Drosophila 1
>gi|1036732615|ref|XP_017151230.1| PREDICTED: protein ariadne-1 [Drosophila miranda]
>gi|1036732633|ref|XP_017151238.1| PREDICTED: protein ariadne-1 [Drosophila miranda]
>gi|1036732651|ref|XP_017151246.1| PREDICTED: protein ariadne-1 [Drosophila miranda]
>gi|1036732669|ref|XP_017151253.1| PREDICTED: protein ariadne-1 [Drosophila miranda]
>gi|1036737668|ref|XP_017154048.1| PREDICTED: transcription factor grauzone [Drosophila mirand
>gi|1036737686|ref|XP_017154058.1| PREDICTED: enhancer of yellow 2 transcription factor isoform
>gi|1036737703|ref|XP_017154062.1| PREDICTED: enhancer of yellow 2 transcription factor isoform
>gi|1036737652|ref|XP_017154034.1| PREDICTED: transcription factor grauzone [Drosophila mirand
>gi|1036744992|ref|XP 017156020.1| PREDICTED: uncharacterized protein LOC108164676 [Drosophila
>gi|1036745011|ref|XP_017156021.1| PREDICTED: transmembrane protein 242 [Drosophila miranda]
>gi|1036744937|ref|XP_017156017.1| PREDICTED: zinc finger protein 239-like [Drosophila miranda]
>gi|1036744954|ref|XP_017156018.1| PREDICTED: zinc finger protein 239-like [Drosophila miranda]
>gi|1036744973|ref|XP_017156019.1| PREDICTED: zinc finger protein 239-like [Drosophila miranda
>gi|1036723507|ref|XP_017146006.1| PREDICTED: DNA-directed RNA polymerase II subunit RPB1 [Droplet of the content of the conte
>gi|1036722753|ref|XP_017145636.1| PREDICTED: putative ATP-dependent RNA helicase BoYb [Drosop
>gi|1036722997|ref|XP_017145742.1| PREDICTED: LOW QUALITY PROTEIN: peptidoglycan-recognition p
>gi|1036722770|ref|XP 017145646.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722791|ref|XP_017145653.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722812|ref|XP_017145661.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722855|ref|XP_017145669.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722874|ref|XP_017145676.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722889|ref|XP_017145683.1| PREDICTED: homeobox protein 5 isoform X1 [Drosophila mirand
>gi|1036722925|ref|XP_017145698.1| PREDICTED: homeobox protein 5 isoform X3 [Drosophila mirand
>gi|1036722906|ref|XP_017145691.1| PREDICTED: homeobox protein 5 isoform X2 [Drosophila mirand
>gi|1036722943|ref|XP_017145706.1| PREDICTED: homeobox protein 5 isoform X4 [Drosophila mirand
>gi|1036722980|ref|XP_017145727.1| PREDICTED: coiled-coil domain-containing protein 25 [Drosop
>gi|1036722962|ref|XP_017145716.1| PREDICTED: facilitated trehalose transporter Tret1 [Drosoph
>gi|1036720091|ref|XP_017144450.1| PREDICTED: putative uncharacterized protein DDB_G0286901 [Di
>gi|1036720053|ref|XP_017144428.1| PREDICTED: protein sex-lethal isoform X10 [Drosophila miran-
>gi|1036719889|ref|XP 017144358.1| PREDICTED: protein sex-lethal isoform X2 [Drosophila mirand
>gi|1036719972|ref|XP_017144392.1| PREDICTED: protein sex-lethal isoform X6 [Drosophila mirand
>gi|1036719869|ref|XP 017144350.1| PREDICTED: protein sex-lethal isoform X1 [Drosophila mirand
>gi|1036720073|ref|XP_017144439.1| PREDICTED: protein sex-lethal isoform X11 [Drosophila miran
>gi|1036719908|ref|XP_017144368.1| PREDICTED: protein sex-lethal isoform X3 [Drosophila mirand
>gi|1036720033|ref|XP_017144419.1| PREDICTED: protein sex-lethal isoform X9 [Drosophila mirand
>gi|1036720014|ref|XP_017144408.1| PREDICTED: protein sex-lethal isoform X8 [Drosophila mirand
>gi|1036719928|ref|XP_017144375.1| PREDICTED: protein sex-lethal isoform X4 [Drosophila mirand
>gi|1036719952|ref|XP_017144383.1| PREDICTED: protein sex-lethal isoform X5 [Drosophila mirand
>gi|1036719994|ref|XP_017144400.1| PREDICTED: protein sex-lethal isoform X7 [Drosophila mirand
>gi|1036710707|ref|XP_017139059.1| PREDICTED: protein suppressor of sable isoform X2 [Drosophi
>gi|1036710692|ref|XP_017139050.1| PREDICTED: protein suppressor of sable isoform X1 [Drosophi
>gi|1036710744|ref|XP_017139082.1| PREDICTED: caspase-8 [Drosophila miranda]
>gi|1036710726|ref|XP_017139070.1| PREDICTED: uncharacterized protein LOC108153519 [Drosophila
>gi|1036710776|ref|XP_017139105.1| PREDICTED: tetraspanin-33 [Drosophila miranda]
>gi|1036710793|ref|XP_017139114.1| PREDICTED: tetraspanin-33 [Drosophila miranda]
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>gi|1036710760|ref|XP_017139093.1| PREDICTED: seipin [Drosophila miranda]
>gi|1036748948|ref|XP_017156238.1| PREDICTED: synaptic vesicle glycoprotein 2B isoform X2 [Drop
>gi|1036748907|ref|XP_017156236.1| PREDICTED: synaptic vesicle glycoprotein 2B isoform X1 [Dros
>gi|1036748929|ref|XP_017156237.1| PREDICTED: synaptic vesicle glycoprotein 2B isoform X1 [Dros
>gi|1036745978|ref|XP 017156078.1| PREDICTED: 60S ribosomal protein L17 [Drosophila miranda]
>gi|1036744920|ref|XP_017156016.1| PREDICTED: putative metabolite transport protein HI_1104 [Di
>gi|1036711151|ref|XP 017139364.1| PREDICTED: uncharacterized protein LOC108153742 [Drosophila
>gi|1036711167|ref|XP_017139372.1| PREDICTED: uncharacterized protein LOC108153742 [Drosophila
>gi|1036711184|ref|XP_017139381.1| PREDICTED: uncharacterized protein LOC108153742 [Drosophila
>gi|1036711199|ref|XP_017139389.1| PREDICTED: uncharacterized protein LOC108153742 [Drosophila
>gi|1036711324|ref|XP_017139426.1| PREDICTED: uncharacterized protein LOC108153835 [Drosophila
>gi|1036711290|ref|XP_017139421.1| PREDICTED: uncharacterized protein LOC108153801 [Drosophila
>gi|1036711307|ref|XP_017139422.1| PREDICTED: 5-demethoxyubiquinone hydroxylase, mitochondrial
>gi|1036711273|ref|XP_017139420.1| PREDICTED: protein shifted isoform X4 [Drosophila miranda]
>gi|1036711256|ref|XP_017139415.1| PREDICTED: protein shifted isoform X3 [Drosophila miranda]
>gi|1036711235|ref|XP 017139408.1| PREDICTED: protein shifted isoform X2 [Drosophila miranda]
>gi|1036711216|ref|XP_017139399.1| PREDICTED: protein shifted isoform X1 [Drosophila miranda]
>gi|1036726982|ref|XP 017148114.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X4
>gi|1036727021|ref|XP_017148131.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X6
>gi|1036726963|ref|XP 017148107.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X3
>gi|1036726945|ref|XP_017148099.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X2
>gi|1036726927|ref|XP 017148092.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X1
>gi|1036726999|ref|XP_017148122.1| PREDICTED: guanine nucleotide-releasing factor 2 isoform X5
>gi|1036725173|ref|XP_017147019.1| PREDICTED: coronin-7 isoform X1 [Drosophila miranda]
>gi|1036725191|ref|XP_017147027.1| PREDICTED: coronin-7 isoform X2 [Drosophila miranda]
>gi|1036725210|ref|XP_017147038.1| PREDICTED: coronin-7 isoform X3 [Drosophila miranda]
>gi|1036725226|ref|XP_017147047.1| PREDICTED: coronin-7 isoform X4 [Drosophila miranda]
>gi|1036737198|ref|XP_017153777.1| PREDICTED: uncharacterized protein LOC108163163 [Drosophila
>gi|1036737233|ref|XP_017153800.1| PREDICTED: putative uncharacterized protein DDB_G0268364 is
>gi|1036737213|ref|XP_017153791.1| PREDICTED: putative uncharacterized protein DDB_G0268364 is
>gi|1036744540|ref|XP_017155995.1| PREDICTED: probable dolichyl pyrophosphate Glc1Man9GlcNAc2
>gi|1036744556|ref|XP_017155996.1| PREDICTED: ataxin-1 [Drosophila miranda]
>gi|1036742682|ref|XP_017155900.1| PREDICTED: frizzled-3 [Drosophila miranda]
>gi|1036749239|ref|XP_017156255.1| PREDICTED: protein O-mannosyl-transferase 2 [Drosophila mire
>gi|1036749258|ref|XP 017156256.1| PREDICTED: uncharacterized protein LOC108164841 [Drosophila
>gi|1036749297|ref|XP_017156259.1| PREDICTED: uncharacterized protein LOC108164842 isoform X2
>gi|1036749278|ref|XP 017156258.1| PREDICTED: uncharacterized protein LOC108164842 isoform X1
>gi|1036749327|ref|XP_017156260.1| PREDICTED: uncharacterized protein LOC108164842 isoform X3
>gi|1036699856|ref|XP_017144927.1| PREDICTED: uncharacterized protein LOC108157372 [Drosophila
>gi|1036749342|ref|XP_017156261.1| PREDICTED: mitochondrial import receptor subunit TOM70-like
>gi|1036749360|ref|XP_017156262.1| PREDICTED: uncharacterized protein LOC108164844 [Drosophila
>gi|1036717849|ref|XP_017143223.1| PREDICTED: histone deacetylase complex subunit SAP30 homological subunit subuni
>gi|1036717731|ref|XP 017143155.1| PREDICTED: exosome complex component RRP45 [Drosophila mirat
>gi|1036717772|ref|XP_017143180.1| PREDICTED: uncharacterized protein LOC108156303 isoform X1
>gi|1036717791|ref|XP_017143187.1| PREDICTED: UPF0472 protein C16orf72 isoform X2 [Drosophila i
>gi|1036717809|ref|XP_017143198.1| PREDICTED: NECAP-like protein CG9132 [Drosophila miranda]
>gi|1036717753|ref|XP_017143167.1| PREDICTED: zinc finger protein 845 [Drosophila miranda]
>gi|1036717830|ref|XP_017143211.1| PREDICTED: 39S ribosomal protein L22, mitochondrial [Drosop
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>gi|1036744327|ref|XP_017155985.1| PREDICTED: uncharacterized protein LOC108164646 [Drosophila
>gi|1036730907|ref|XP_017150464.1| PREDICTED: integrin alpha-PS2 isoform X1 [Drosophila mirand
>gi|1036730926|ref|XP_017150472.1| PREDICTED: integrin alpha-PS2 isoform X1 [Drosophila mirand
>gi|1036730940|ref|XP_017150481.1| PREDICTED: integrin alpha-PS2 isoform X1 [Drosophila mirand
>gi|1036730959|ref|XP_017150488.1| PREDICTED: integrin alpha-PS2 isoform X1 [Drosophila mirand
>gi|1036730979|ref|XP_017150498.1| PREDICTED: integrin alpha-PS2 isoform X2 [Drosophila mirand
>gi|1036705657|ref|XP_017135737.1| PREDICTED: transmembrane protein 256 homolog [Drosophila mi
>gi|1036728452|ref|XP_017148976.1| PREDICTED: endothelin-converting enzyme 1 isoform X1 [Droso
>gi|1036728471|ref|XP_017148984.1| PREDICTED: endothelin-converting enzyme 1 isoform X2 [Droso
>gi|1036728532|ref|XP_017149017.1| PREDICTED: keratin, type I cytoskeletal 10 [Drosophila mirat
>gi|1036728585|ref|XP_017149055.1| PREDICTED: uncharacterized protein LOC108159922 [Drosophila
>gi|1036728568|ref|XP_017149042.1| PREDICTED: uncharacterized protein LOC108159916 [Drosophila
>gi|1036728550|ref|XP_017149031.1| PREDICTED: uncharacterized protein LOC108159907 [Drosophila
>gi|1036728509|ref|XP_017149006.1| PREDICTED: uncharacterized protein LOC108159887 isoform X2
>gi|1036728490|ref|XP_017148997.1| PREDICTED: uncharacterized protein LOC108159887 isoform X1
>gi|1036728604|ref|XP_017149068.1| PREDICTED: transforming growth factor beta-1-induced transc
>gi|1036728621|ref|XP_017149076.1| PREDICTED: transforming growth factor beta-1-induced transc
>gi|1036747573|ref|XP_017156177.1| PREDICTED: uncharacterized protein LOC108164772 [Drosophila
>gi|1036747631|ref|XP_017156180.1| PREDICTED: carboxypeptidase D-like isoform X3 [Drosophila m
>gi|1036747612|ref|XP_017156179.1| PREDICTED: carboxypeptidase D-like isoform X2 [Drosophila m
>gi|1036747591|ref|XP_017156178.1| PREDICTED: carboxypeptidase D-like isoform X1 [Drosophila m
>gi|1036747666|ref|XP_017156182.1| PREDICTED: carboxypeptidase D-like isoform X5 [Drosophila m
>gi|1036747649|ref|XP_017156181.1| PREDICTED: carboxypeptidase D-like isoform X4 [Drosophila m
>gi|1036747722|ref|XP_017156186.1| PREDICTED: serine protease SP24D-like [Drosophila miranda]
>gi|1036747760|ref|XP_017156188.1| PREDICTED: serine protease SP24D-like [Drosophila miranda]
>gi|1036747685|ref|XP_017156183.1| PREDICTED: trypsin beta-like [Drosophila miranda]
>gi|1036747741|ref|XP_017156187.1| PREDICTED: chymotrypsin-1-like [Drosophila miranda]
>gi|1036747704|ref|XP_017156184.1| PREDICTED: serine protease SP24D-like [Drosophila miranda]
>gi|1036717598|ref|XP_017143079.1| PREDICTED: transmembrane GTPase Marf isoform X3 [Drosophila
>gi|1036717579|ref|XP_017143072.1| PREDICTED: transmembrane GTPase Marf isoform X2 [Drosophila
>gi|1036717554|ref|XP_017143062.1| PREDICTED: transmembrane GTPase Marf isoform X1 [Drosophila
>gi|1036717617|ref|XP_017143092.1| PREDICTED: probable citrate synthase, mitochondrial isoform
>gi|1036717628|ref|XP_017143101.1| PREDICTED: probable citrate synthase, mitochondrial isoform
>gi|1036717647|ref|XP_017143110.1| PREDICTED: probable citrate synthase, mitochondrial isoform
>gi|1036717694|ref|XP 017143135.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036717712|ref|XP_017143143.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036717676|ref|XP 017143123.1| PREDICTED: zinc finger protein 624 [Drosophila miranda]
>gi|1036734492|ref|XP_017152219.1| PREDICTED: retinol dehydrogenase 12 [Drosophila miranda]
>gi|1036734510|ref|XP_017152232.1| PREDICTED: LOW QUALITY PROTEIN: probable myosin light chain
>gi|1036734427|ref|XP_017152198.1| PREDICTED: nascent polypeptide-associated complex subunit a
>gi|1036734445|ref|XP_017152206.1| PREDICTED: nascent polypeptide-associated complex subunit a
>gi|1036734526|ref|XP_017152246.1| PREDICTED: ubiquitin-conjugating enzyme E2-22 kDa-like [Dros
>gi|1036755381|ref|XP_017156613.1| PREDICTED: alpha-tocopherol transfer protein [Drosophila mi
>gi|1036713245|ref|XP_017140494.1| PREDICTED: E3 ubiquitin-protein ligase highwire isoform X2
>gi|1036713228|ref|XP_017140487.1| PREDICTED: E3 ubiquitin-protein ligase highwire isoform X1
>gi|1036713262|ref|XP_017140506.1| PREDICTED: uncharacterized protein LOC108154673 [Drosophila
>gi|1036713278|ref|XP_017140517.1| PREDICTED: uncharacterized protein LOC108154684 [Drosophila
>gi|1036713295|ref|XP_017140527.1| PREDICTED: uncharacterized protein LOC108154684 [Drosophila
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>gi|1036746647|ref|XP 017156121.1| PREDICTED: transmembrane emp24 domain-containing protein 5
>gi|1036746666|ref|XP_017156122.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1036728171|ref|XP_017148819.1| PREDICTED: probable DNA replication complex GINS protein PS
>gi|1036728149|ref|XP_017148809.1| PREDICTED: protein FAM57B [Drosophila miranda]
>gi|1036698255|ref|XP 017137402.1| PREDICTED: uncharacterized protein LOC108152276 [Drosophila
>gi|1036728131|ref|XP_017148795.1| PREDICTED: proline-rich protein 36 [Drosophila miranda]
>gi|1036729098|ref|XP 017149359.1| PREDICTED: plexin domain-containing protein 2 [Drosophila m
>gi|1036729135|ref|XP_017149386.1| PREDICTED: perlucin-like [Drosophila miranda]
>gi|1036729116|ref|XP_017149373.1| PREDICTED: accessory gland protein Acp29AB-like [Drosophila
>gi|1036754428|ref|XP_017156557.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036745181|ref|XP_017156032.1| PREDICTED: putative hydroxypyruvate isomerase [Drosophila m
>gi|1036745162|ref|XP 017156031.1| PREDICTED: uncharacterized protein LOC108164680 [Drosophila
>gi|1036709629|ref|XP_017138340.1| PREDICTED: serine/threonine-protein phosphatase 4 catalytic
>gi|1036709870|ref|XP_017138492.1| PREDICTED: general odorant-binding protein 19d [Drosophila 1
>gi|1036709817|ref|XP_017138456.1| PREDICTED: general odorant-binding protein 56a [Drosophila i
>gi|1036709851|ref|XP 017138479.1| PREDICTED: uncharacterized protein LOC108153179 [Drosophila
>gi|1036709887|ref|XP_017138504.1| PREDICTED: general odorant-binding protein 19a [Drosophila i
>gi|1036709921|ref|XP_017138528.1| PREDICTED: putative 60S ribosomal protein L33 [Drosophila m
>gi|1036709733|ref|XP_017138401.1| PREDICTED: uncharacterized protein LOC108153120 [Drosophila
>gi|1036709646|ref|XP 017138352.1| PREDICTED: probable E3 ubiquitin-protein ligase HERC2 [Dros-
>gi|1036709716|ref|XP_017138388.1| PREDICTED: syntaxin-16 [Drosophila miranda]
>gi|1036709750|ref|XP 017138412.1| PREDICTED: RNA-binding protein pno1 [Drosophila miranda]
>gi|1036709767|ref|XP_017138426.1| PREDICTED: pre-rRNA-processing protein esf2-like [Drosophile]
>gi|1036709834|ref|XP_017138467.1| PREDICTED: AN1-type zinc finger protein 6 [Drosophila miran
>gi|1036709784|ref|XP_017138438.1| PREDICTED: uncharacterized protein LOC108153144 isoform X1
>gi|1036709800|ref|XP_017138445.1| PREDICTED: uncharacterized protein LOC108153144 isoform X2
>gi|1036709904|ref|XP_017138517.1| PREDICTED: sarcocystatin-A [Drosophila miranda]
>gi|1036709698|ref|XP_017138378.1| PREDICTED: protein msta [Drosophila miranda]
>gi|1036709665|ref|XP_017138358.1| PREDICTED: dihydropyrimidine dehydrogenase [NADP(+)] isofor
>gi|1036709682|ref|XP_017138366.1| PREDICTED: dihydropyrimidine dehydrogenase [NADP(+)] isofor
>gi|1036737111|ref|XP_017153732.1| PREDICTED: NCK-interacting protein with SH3 domain [Drosoph
>gi|1036730102|ref|XP_017149981.1| PREDICTED: protein will die slowly [Drosophila miranda]
>gi|1036730116|ref|XP 017149989.1| PREDICTED: protein will die slowly [Drosophila miranda]
>gi|1036730083|ref|XP_017149968.1| PREDICTED: pyruvate dehydrogenase E1 component subunit alph
>gi|1036730062|ref|XP 017149958.1| PREDICTED: probable pyruvate dehydrogenase E1 component sub-
>gi|1036730009|ref|XP_017149929.1| PREDICTED: uncharacterized protein LOC108160432 [Drosophila
>gi|1036730024|ref|XP_017149937.1| PREDICTED: uncharacterized protein LOC108160432 [Drosophila
>gi|1036730043|ref|XP_017149945.1| PREDICTED: uncharacterized protein LOC108160432 [Drosophila
>gi|1036706663|ref|XP_017136472.1| PREDICTED: uncharacterized protein LOC108152006 [Drosophila
>gi|1036703804|ref|XP_017157172.1| PREDICTED: E3 ubiquitin-protein ligase RNF185-like [Drosoph
>gi|1036757871|ref|XP_017156746.1| PREDICTED: putative inorganic phosphate cotransporter [Drose
>gi|1036706143|ref|XP_017136103.1| PREDICTED: uncharacterized protein LOC108151766 [Drosophila
>gi|1036706436|ref|XP_017136302.1| PREDICTED: Krueppel-like factor 6 [Drosophila miranda]
>gi|1036747885|ref|XP_017156195.1| PREDICTED: general transcription factor IIH subunit 3-like
>gi|1036747864|ref|XP_017156194.1| PREDICTED: uncharacterized protein LOC108164786 [Drosophila
>gi|1036747848|ref|XP_017156193.1| PREDICTED: serine-rich adhesin for platelets [Drosophila mi
>gi|1036699871|ref|XP_017145044.1| PREDICTED: uncharacterized protein LOC108157453 [Drosophila
>gi|1036739368|ref|XP_017154956.1| PREDICTED: glycine receptor subunit alpha-4 [Drosophila mire
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>gi|1036739384|ref|XP_017154969.1| PREDICTED: zinc finger protein 391 isoform X1 [Drosophila m
>gi|1036739400|ref|XP_017154977.1| PREDICTED: gastrula zinc finger protein XlCGF8.2DB isoform
>gi|1036699886|ref|XP_017145164.1| PREDICTED: nardilysin [Drosophila miranda]
>gi|1036719418|ref|XP_017144118.1| PREDICTED: nardilysin-like isoform X1 [Drosophila miranda]
>gi|1036719436|ref|XP 017144126.1| PREDICTED: nardilysin-like isoform X2 [Drosophila miranda]
>gi|1036719399|ref|XP_017144106.1| PREDICTED: copper-transporting ATPase 1 isoform X2 [Drosoph
>gi|1036719380|ref|XP_017144097.1| PREDICTED: copper-transporting ATPase 1 isoform X1 [Drosoph
>gi|1036741195|ref|XP_017155813.1| PREDICTED: replication protein A 14 kDa subunit A [Drosophi
>gi|1036741177|ref|XP_017155812.1| PREDICTED: ATP-binding cassette sub-family F member 1 [Dros
>gi|1036712680|ref|XP_017140170.1| PREDICTED: circadian locomoter output cycles protein kaput
>gi|1036712646|ref|XP_017140150.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X2 [Dros
>gi|1036712663|ref|XP 017140158.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X3 [Drog
>gi|1036712629|ref|XP_017140142.1| PREDICTED: tyrosine-protein phosphatase 10D isoform X1 [Drop
>gi|1036712714|ref|XP_017140190.1| PREDICTED: uncharacterized protein LOC108154429 [Drosophila
>gi|1036712697|ref|XP_017140180.1| PREDICTED: lysophosphatidylcholine acyltransferase [Drosoph
>gi|1036740908|ref|XP_017155798.1| PREDICTED: cubilin homolog [Drosophila miranda]
>gi|1036740924|ref|XP_017155799.1| PREDICTED: lon protease homolog, mitochondrial-like [Drosop
>gi|1036703949|ref|XP 017134599.1| PREDICTED: uncharacterized protein LOC108150803 [Drosophila
>gi|1036707589|ref|XP_017137082.1| PREDICTED: LOW QUALITY PROTEIN: glycine-rich cell wall stru-
>gi|1036725363|ref|XP 017147111.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725306|ref|XP_017147084.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725287|ref|XP_017147076.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725269|ref|XP_017147066.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725251|ref|XP_017147058.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725327|ref|XP_017147093.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725346|ref|XP_017147102.1| PREDICTED: ral GTPase-activating protein subunit beta isofo
>gi|1036725399|ref|XP_017147141.1| PREDICTED: uncharacterized protein LOC108158881 [Drosophila
>gi|1036699905|ref|XP_017145282.1| PREDICTED: skin secretory protein xP2 [Drosophila miranda]
>gi|1036725382|ref|XP_017147125.1| PREDICTED: ATP synthase subunit delta, mitochondrial [Droso
>gi|1036723542|ref|XP 017146018.1| PREDICTED: LOW QUALITY PROTEIN: nuclear envelope integral m
>gi|1036723561|ref|XP_017146029.1| PREDICTED: uncharacterized protein LOC108158297 [Drosophila
>gi|1036723580|ref|XP_017146039.1| PREDICTED: uncharacterized protein LOC108158307 [Drosophila
>gi|1036707251|ref|XP 017136854.1| PREDICTED: kunitz-type serine protease inhibitor textilining
>gi|1036732685|ref|XP_017151265.1| PREDICTED: myc protein [Drosophila miranda]
>gi|1036699920|ref|XP 017145517.1| PREDICTED: uncharacterized protein LOC108157795 [Drosophila
>gi|1036747236|ref|XP_017156157.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X3 [Di
>gi|1036747251|ref|XP_017156158.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X3 [Di
>gi|1036747167|ref|XP_017156153.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X1 [Di
>gi|1036747184|ref|XP_017156154.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X1 [Di
>gi|1036747203|ref|XP_017156155.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X1 [Di
>gi|1036747272|ref|XP_017156159.1| PREDICTED: uncharacterized protein LOC108164760 [Drosophila
>gi|1036747220|ref|XP_017156156.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 isoform X2 [Di
>gi|1036755573|ref|XP_017156620.1| PREDICTED: glutaredoxin domain-containing cysteine-rich pro-
>gi|1036705085|ref|XP_017135370.1| PREDICTED: calumenin-B-like [Drosophila miranda]
>gi|1036750995|ref|XP_017156352.1| PREDICTED: sodium-dependent neutral amino acid transporter 1
>gi|1036726707|ref|XP_017147957.1| PREDICTED: alanyl-tRNA editing protein Aarsd1-B [Drosophila
>gi|1036726757|ref|XP_017147996.1| PREDICTED: uncharacterized protein C19orf52 [Drosophila mire
>gi|1036726776|ref|XP_017148004.1| PREDICTED: uncharacterized protein C19orf52 [Drosophila mire
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>gi|1036726795|ref|XP_017148013.1| PREDICTED: uncharacterized protein C19orf52 [Drosophila mire
>gi|1036726740|ref|XP_017147981.1| PREDICTED: uncharacterized protein LOC108159314 [Drosophila
>gi|1036726814|ref|XP_017148024.1| PREDICTED: 40S ribosomal protein S28 [Drosophila miranda]
>gi|1036726723|ref|XP_017147969.1| PREDICTED: translocon-associated protein subunit alpha [Dros
>gi|1036699936|ref|XP 017145583.1| PREDICTED: LOW QUALITY PROTEIN: ran GTPase-activating prote
>gi|1036737740|ref|XP_017154082.1| PREDICTED: uncharacterized protein LOC108163349 [Drosophila
>gi|1036737720|ref|XP 017154072.1| PREDICTED: uncharacterized protein LOC108163342 [Drosophila
>gi|1036706351|ref|XP_017136241.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop
>gi|1036713311|ref|XP_017140538.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1036745613|ref|XP_017156058.1| PREDICTED: B-cell CLL/lymphoma 7 protein family member A [D:
>gi|1036720303|ref|XP_017144564.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036720350|ref|XP 017144580.1| PREDICTED: palmitoyltransferase ZDHHC5 isoform X3 [Drosophi
>gi|1036720322|ref|XP_017144572.1| PREDICTED: neurogenic protein mastermind isoform X2 [Drosop
>gi|1036720369|ref|XP_017144589.1| PREDICTED: palmitoyltransferase ZDHHC5 isoform X4 [Drosophi
>gi|1036720407|ref|XP_017144605.1| PREDICTED: probable protein S-acyltransferase 2 isoform X6
>gi|1036720426|ref|XP_017144613.1| PREDICTED: palmitoyltransferase ZDHHC9 isoform X7 [Drosophi
>gi|1036720390|ref|XP_017144597.1| PREDICTED: neurogenic protein mastermind isoform X5 [Drosop
>gi|1036720285|ref|XP 017144552.1| PREDICTED: von Willebrand factor A domain-containing protein
>gi|1036720507|ref|XP_017144658.1| PREDICTED: protein CWC15 homolog [Drosophila miranda]
>gi|1036720445|ref|XP 017144625.1| PREDICTED: protein lozenge [Drosophila miranda]
>gi|1036720465|ref|XP_017144636.1| PREDICTED: protein lozenge [Drosophila miranda]
>gi|1036720485|ref|XP 017144645.1| PREDICTED: protein lozenge [Drosophila miranda]
>gi|1036731878|ref|XP_017150882.1| PREDICTED: maestro heat-like repeat-containing protein family
>gi|1036731897|ref|XP_017150893.1| PREDICTED: aladin [Drosophila miranda]
>gi|1036703130|ref|XP_017156793.1| PREDICTED: uncharacterized protein LOC108165265 isoform X1
>gi|1036703149|ref|XP_017156798.1| PREDICTED: uncharacterized protein LOC108165265 isoform X2
>gi|1036702601|ref|XP_017156471.1| PREDICTED: CXXC-type zinc finger protein 1-like [Drosophila
>gi|1036702454|ref|XP_017156392.1| PREDICTED: uncharacterized protein LOC108164915 isoform X1
>gi|1036702470|ref|XP_017156400.1| PREDICTED: uncharacterized protein LOC108164915 isoform X1
>gi|1036702487|ref|XP_017156408.1| PREDICTED: uncharacterized protein LOC108164915 isoform X2
>gi|1036702617|ref|XP_017156484.1| PREDICTED: synembryn [Drosophila miranda]
>gi|1036702567|ref|XP_017156450.1| PREDICTED: kelch-like protein 5 isoform X1 [Drosophila mirates
>gi|1036702584|ref|XP 017156459.1| PREDICTED: kelch-like protein 5 isoform X2 [Drosophila mirat
>gi|1036702649|ref|XP_017156509.1| PREDICTED: dual specificity mitogen-activated protein kinas
>gi|1036702633|ref|XP 017156497.1| PREDICTED: uncharacterized protein LOC108164982 [Drosophila
>gi|1036699953|ref|XP_017145690.1| PREDICTED: LOW QUALITY PROTEIN: pickpocket protein 28 [Dros
>gi|1036702506|ref|XP_017156419.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X1 [Droso
>gi|1036702552|ref|XP_017156436.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X3 [Droso
>gi|1036702535|ref|XP_017156427.1| PREDICTED: gamma-glutamyltranspeptidase 1 isoform X2 [Droso
>gi|1036702666|ref|XP_017156522.1| PREDICTED: uncharacterized protein LOC108164998 [Drosophila
>gi|1036702437|ref|XP_017156381.1| PREDICTED: sodium/potassium-transporting ATPase subunit alp
>gi|1036702405|ref|XP_017156358.1| PREDICTED: dual specificity mitogen-activated protein kinas
>gi|1036702390|ref|XP_017156350.1| PREDICTED: dual specificity mitogen-activated protein kinas
>gi|1036702421|ref|XP_017156368.1| PREDICTED: dual specificity mitogen-activated protein kinas
>gi|1036702753|ref|XP_017156573.1| PREDICTED: dual specificity mitogen-activated protein kinas
>gi|1036702772|ref|XP_017156585.1| PREDICTED: probable alpha-aspartyl dipeptidase [Drosophila 1
>gi|1036702698|ref|XP_017156540.1| PREDICTED: chondroitin sulfate glucuronyltransferase [Droso
>gi|1036702787|ref|XP_017156599.1| PREDICTED: soma ferritin [Drosophila miranda]
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>gi|1036702717|ref|XP_017156550.1| PREDICTED: actin-related protein 6 [Drosophila miranda]
>gi|1036702838|ref|XP_017156627.1| PREDICTED: iron-sulfur cluster assembly 1 homolog, mitochon-
>gi|1036702821|ref|XP_017156619.1| PREDICTED: iron-sulfur cluster assembly 1 homolog, mitochon
>gi|1036702804|ref|XP_017156609.1| PREDICTED: DNL-type zinc finger protein [Drosophila miranda]
>gi|1036702734|ref|XP 017156562.1| PREDICTED: uncharacterized protein LOC108165033 [Drosophila
>gi|1036717282|ref|XP_017142918.1| PREDICTED: E3 ubiquitin-protein ligase HUWE1 isoform X4 [Dr
>gi|1036717242|ref|XP_017142900.1| PREDICTED: E3 ubiquitin-protein ligase HUWE1 isoform X2 [Dr
>gi|1036717301|ref|XP_017142927.1| PREDICTED: E3 ubiquitin-protein ligase HUWE1 isoform X5 [Dr
>gi|1036717263|ref|XP_017142909.1| PREDICTED: E3 ubiquitin-protein ligase HUWE1 isoform X3 [Dr
>gi|1036717224|ref|XP_017142892.1| PREDICTED: E3 ubiquitin-protein ligase HUWE1 isoform X1 [Dr
>gi|1036717322|ref|XP_017142938.1| PREDICTED: DNA-directed RNA polymerases I, II, and III subu
>gi|1036753514|ref|XP 017156503.1| PREDICTED: uncharacterized protein LOC108164988 [Drosophila
>gi|1036736826|ref|XP_017153559.1| PREDICTED: ATP-binding cassette sub-family F member 2 [Dros
>gi|1036748164|ref|XP_017156208.1| PREDICTED: uncharacterized protein LOC108164795 [Drosophila
>gi|1036734022|ref|XP_017151984.1| PREDICTED: CDP-diacylglycerol--inositol 3-phosphatidyltrans
>gi|1036734041|ref|XP_017151997.1| PREDICTED: mitochondrial inner membrane protease subunit 1
>gi|1036733966|ref|XP_017151952.1| PREDICTED: nudix hydrolase 8 [Drosophila miranda]
>gi|1036733985|ref|XP_017151962.1| PREDICTED: nudix hydrolase 8 [Drosophila miranda]
>gi|1036734003|ref|XP_017151971.1| PREDICTED: nudix hydrolase 8 [Drosophila miranda]
>gi|1036699966|ref|XP 017145814.1| PREDICTED: uncharacterized protein LOC108158109 [Drosophila
>gi|1036755682|ref|XP_017156626.1| PREDICTED: uncharacterized protein LOC108165086 [Drosophila
>gi|1036699987|ref|XP 017145930.1| PREDICTED: visual system homeobox 2, partial [Drosophila min
>gi|1036750499|ref|XP_017156323.1| PREDICTED: homeotic protein ocelliless isoform X3 [Drosophi
>gi|1036750518|ref|XP_017156324.1| PREDICTED: homeotic protein ocelliless isoform X4 [Drosophi
>gi|1036750537|ref|XP_017156325.1| PREDICTED: uncharacterized protein LOC108164886 [Drosophila
>gi|1036750460|ref|XP_017156320.1| PREDICTED: diencephalon/mesencephalon homeobox protein 1 is
>gi|1036750477|ref|XP_017156321.1| PREDICTED: diencephalon/mesencephalon homeobox protein 1 is
>gi|1036750442|ref|XP_017156319.1| PREDICTED: uncharacterized protein LOC108164884 [Drosophila
>gi|1036750425|ref|XP_017156318.1| PREDICTED: N-chimaerin [Drosophila miranda]
>gi|1036736551|ref|XP_017153409.1| PREDICTED: myosin-2 essential light chain isoform X2 [Droso
>gi|1036736538|ref|XP_017153400.1| PREDICTED: myosin-2 essential light chain isoform X1 [Droso
>gi|1036736486|ref|XP_017153372.1| PREDICTED: ribonucleases P/MRP protein subunit POP1 [Drosop
>gi|1036736505|ref|XP_017153381.1| PREDICTED: ribonucleases P/MRP protein subunit POP1 [Drosop
>gi|1036736522|ref|XP_017153389.1| PREDICTED: ribonucleases P/MRP protein subunit POP1 [Drosop
>gi|1036737952|ref|XP 017154196.1| PREDICTED: uncharacterized protein LOC108163366 isoform X12
>gi|1036737883|ref|XP_017154162.1| PREDICTED: uncharacterized protein LOC108163366 isoform X8
>gi|1036737936|ref|XP_017154186.1| PREDICTED: uncharacterized protein LOC108163366 isoform X11
>gi|1036737811|ref|XP_017154129.1| PREDICTED: uncharacterized protein LOC108163366 isoform X4
>gi|1036737849|ref|XP_017154146.1| PREDICTED: uncharacterized protein LOC108163366 isoform X6
>gi|1036737865|ref|XP_017154154.1| PREDICTED: uncharacterized protein LOC108163366 isoform X7
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>gi|1036737829|ref|XP_017154137.1| PREDICTED: uncharacterized protein LOC108163366 isoform X5
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>gi|1036737758|ref|XP_017154110.1| PREDICTED: uncharacterized protein LOC108163366 isoform X1
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>gi|1036737918|ref|XP_017154178.1| PREDICTED: uncharacterized protein LOC108163366 isoform X10
>gi|1036737901|ref|XP_017154170.1| PREDICTED: uncharacterized protein LOC108163366 isoform X9
>gi|1036749952|ref|XP_017156295.1| PREDICTED: uncharacterized protein LOC108164866 isoform X2
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>gi|1036749879|ref|XP_017156290.1| PREDICTED: uncharacterized protein LOC108164866 isoform X1
>gi|1036749897|ref|XP_017156291.1| PREDICTED: uncharacterized protein LOC108164866 isoform X1
>gi|1036749916|ref|XP_017156293.1| PREDICTED: uncharacterized protein LOC108164866 isoform X1
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>gi|1036749971|ref|XP 017156296.1| PREDICTED: uncharacterized protein LOC108164866 isoform X3
>gi|1036753758|ref|XP_017156517.1| PREDICTED: ras-related protein Rab-21 [Drosophila miranda]
>gi|1036729882|ref|XP 017149826.1| PREDICTED: alpha-(1,3)-fucosyltransferase C [Drosophila mire
>gi|1036729901|ref|XP_017149833.1| PREDICTED: alpha-(1,3)-fucosyltransferase C [Drosophila mire
>gi|1036729924|ref|XP_017149842.1| PREDICTED: alpha-(1,3)-fucosyltransferase C [Drosophila mire
>gi|1036729747|ref|XP_017149758.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729765|ref|XP_017149767.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729784|ref|XP_017149775.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729805|ref|XP_017149784.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729821|ref|XP_017149796.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729842|ref|XP_017149805.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729859|ref|XP_017149813.1| PREDICTED: protein stoned-A [Drosophila miranda]
>gi|1036729730|ref|XP_017149745.1| PREDICTED: protein stoned-B [Drosophila miranda]
>gi|1036756763|ref|XP_017156689.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036756746|ref|XP_017156688.1| PREDICTED: farnesol dehydrogenase [Drosophila miranda]
>gi|1036704064|ref|XP 017134668.1| PREDICTED: uncharacterized protein LOC108150871 [Drosophila
>gi|1036705831|ref|XP_017135865.1| PREDICTED: 39 kDa FK506-binding nuclear protein-like [Droso
>gi|1036700002|ref|XP 017146043.1| PREDICTED: chaoptin [Drosophila miranda]
>gi|1036751789|ref|XP_017156396.1| PREDICTED: uncharacterized protein LOC108164921 [Drosophila
>gi|1036751771|ref|XP_017156395.1| PREDICTED: uncharacterized protein LOC108164920 [Drosophila
>gi|1036735990|ref|XP_017153071.1| PREDICTED: protein folded gastrulation [Drosophila miranda]
>gi|1036736007|ref|XP_017153079.1| PREDICTED: protein folded gastrulation [Drosophila miranda]
>gi|1036736023|ref|XP_017153087.1| PREDICTED: protein folded gastrulation [Drosophila miranda]
>gi|1036757551|ref|XP_017156731.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
>gi|1036706245|ref|XP_017136170.1| PREDICTED: uncharacterized protein LOC108151818 [Drosophila
>gi|1036754546|ref|XP_017156564.1| PREDICTED: uncharacterized protein LOC108165038 [Drosophila
>gi|1036754565|ref|XP_017156565.1| PREDICTED: uncharacterized protein LOC108165038 [Drosophila
>gi|1036739929|ref|XP_017155271.1| PREDICTED: uncharacterized protein LOC108164168 isoform X1
>gi|1036739946|ref|XP_017155280.1| PREDICTED: uncharacterized protein LOC108164168 isoform X2
>gi|1036739964|ref|XP_017155291.1| PREDICTED: uncharacterized protein LOC108164181 isoform X1
>gi|1036739982|ref|XP 017155298.1| PREDICTED: uncharacterized protein LOC108164181 isoform X2
>gi|1036740000|ref|XP_017155307.1| PREDICTED: uncharacterized protein LOC108164181 isoform X2
>gi|1036740074|ref|XP_017155347.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
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>gi|1036740216|ref|XP_017155404.1| PREDICTED: uncharacterized protein LOC108164224 [Drosophila
>gi|1036740022|ref|XP_017155320.1| PREDICTED: probable isoaspartyl peptidase/L-asparaginase GA
>gi|1036740056|ref|XP_017155339.1| PREDICTED: UPF0454 protein C12orf49 homolog isoform X2 [Drop
>gi|1036740040|ref|XP_017155331.1| PREDICTED: UPF0454 protein C12orf49 homolog isoform X1 [Dros
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>gi|1036715291|ref|XP_017141775.1| PREDICTED: dnaJ homolog subfamily C member 25 homolog [Dros
>gi|1036715255|ref|XP_017141751.1| PREDICTED: neurotrophin receptor-interacting factor homolog
>gi|1036715272|ref|XP_017141763.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036715165|ref|XP_017141706.1| PREDICTED: chondroitin sulfate synthase 1 isoform X1 [Droso
>gi|1036715184|ref|XP_017141716.1| PREDICTED: chondroitin sulfate synthase 1 isoform X1 [Droso
>gi|1036715203|ref|XP_017141723.1| PREDICTED: chondroitin sulfate synthase 1 isoform X1 [Droso
>gi|1036715219|ref|XP_017141732.1| PREDICTED: chondroitin sulfate synthase 3 isoform X2 [Droso
>gi|1036715237|ref|XP_017141740.1| PREDICTED: chondroitin sulfate synthase 3 isoform X3 [Droso
>gi|1036733508|ref|XP_017151672.1| PREDICTED: dorsal-ventral patterning protein Sog [Drosophile
>gi|1036754675|ref|XP_017156571.1| PREDICTED: uncharacterized protein LOC108165044 [Drosophila
>gi|1036706604|ref|XP_017136411.1| PREDICTED: uncharacterized protein LOC108151968 [Drosophila
>gi|1036700017|ref|XP_017146158.1| PREDICTED: uncharacterized protein LOC108158376 [Drosophila
>gi|1036700032|ref|XP_017146280.1| PREDICTED: endothelin-converting enzyme-like 1 [Drosophila i
>gi|1036753950|ref|XP_017156529.1| PREDICTED: sex peptide receptor [Drosophila miranda]
>gi|1036700047|ref|XP_017146420.1| PREDICTED: mitochondrial import receptor subunit TOM70-like
>gi|1036751051|ref|XP_017156355.1| PREDICTED: hornerin [Drosophila miranda]
>gi|1036751070|ref|XP_017156356.1| PREDICTED: lysozyme [Drosophila miranda]
>gi|1036733076|ref|XP 017151440.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 16 isoform
>gi|1036733060|ref|XP_017151433.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 16 isoform
>gi|1036711610|ref|XP 017139576.1| PREDICTED: serine/threonine-protein kinase Smg1 isoform X1
>gi|1036711629|ref|XP_017139583.1| PREDICTED: serine/threonine-protein kinase Smg1 isoform X2
>gi|1036711646|ref|XP 017139594.1| PREDICTED: beta-1 adrenergic receptor [Drosophila miranda]
>gi|1036711663|ref|XP_017139604.1| PREDICTED: 40S ribosomal protein S23-like [Drosophila miran-
>gi|1036711733|ref|XP_017139642.1| PREDICTED: E3 ubiquitin-protein ligase ZNRF2 [Drosophila mi
>gi|1036711748|ref|XP_017139649.1| PREDICTED: E3 ubiquitin-protein ligase ZNRF2 [Drosophila mi
>gi|1036711680|ref|XP_017139615.1| PREDICTED: TATA element modulatory factor isoform X1 [Droso
>gi|1036711697|ref|XP_017139622.1| PREDICTED: TATA element modulatory factor isoform X2 [Droso
>gi|1036711716|ref|XP_017139632.1| PREDICTED: chitinase-3-like protein 1 [Drosophila miranda]
>gi|1036711761|ref|XP_017139663.1| PREDICTED: tRNA 2'-phosphotransferase 1 [Drosophila miranda
>gi|1036742934|ref|XP_017155914.1| PREDICTED: zinc finger protein 236 [Drosophila miranda]
>gi|1036700064|ref|XP_017146550.1| PREDICTED: mitochondrial import receptor subunit TOM70-like
>gi|1036706469|ref|XP_017136323.1| PREDICTED: probable serine/threonine-protein kinase mps1 [Di
>gi|1036727380|ref|XP_017148366.1| PREDICTED: glutathione synthetase-like isoform X1 [Drosophi
>gi|1036727398|ref|XP_017148376.1| PREDICTED: glutathione synthetase-like isoform X1 [Drosophi
>gi|1036727417|ref|XP 017148383.1| PREDICTED: glutathione synthetase-like isoform X2 [Drosophi
>gi|1036727436|ref|XP_017148392.1| PREDICTED: glutathione synthetase-like isoform X3 [Drosophi
>gi|1036727472|ref|XP_017148404.1| PREDICTED: glutathione synthetase-like isoform X4 [Drosophi
>gi|1036727489|ref|XP_017148418.1| PREDICTED: LOW QUALITY PROTEIN: mitochondrial fission proces
>gi|1036727507|ref|XP_017148434.1| PREDICTED: hsc70-interacting protein 1-like [Drosophila mire
>gi|1036754331|ref|XP_017156551.1| PREDICTED: uncharacterized protein LOC108165026 [Drosophila
>gi|1036754348|ref|XP_017156552.1| PREDICTED: uncharacterized protein LOC108165026 [Drosophila
>gi|1036723616|ref|XP_017146054.1| PREDICTED: uncharacterized protein LOC108158321 isoform X1
>gi|1036723632|ref|XP_017146061.1| PREDICTED: uncharacterized protein LOC108158321 isoform X2
>gi|1036723650|ref|XP_017146070.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036700080|ref|XP_017146676.1| PREDICTED: mucin-19-like [Drosophila miranda]
>gi|1036703230|ref|XP_017156829.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
>gi|1036718884|ref|XP_017143802.1| PREDICTED: malate dehydrogenase-like [Drosophila miranda]
>gi|1036718865|ref|XP_017143788.1| PREDICTED: malate dehydrogenase, mitochondrial-like [Drosop
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>gi|1036718827|ref|XP_017143762.1| PREDICTED: uncharacterized protein LOC108156656 [Drosophila
>gi|1036718846|ref|XP_017143776.1| PREDICTED: mitoguardin [Drosophila miranda]
>gi|1036718904|ref|XP_017143816.1| PREDICTED: uncharacterized protein LOC108156683 [Drosophila
>gi|1036711076|ref|XP_017139312.1| PREDICTED: uncharacterized protein LOC108153694 [Drosophila
>gi|1036711106|ref|XP 017139334.1| PREDICTED: GPI transamidase component PIG-T [Drosophila mire
>gi|1036711085|ref|XP_017139323.1| PREDICTED: trithorax group protein osa [Drosophila miranda]
>gi|1036711121|ref|XP 017139346.1| PREDICTED: CTD nuclear envelope phosphatase 1 homolog isofo
>gi|1036711138|ref|XP_017139353.1| PREDICTED: CTD nuclear envelope phosphatase 1 homolog isofo
>gi|1036736902|ref|XP_017153613.1| PREDICTED: SRA stem-loop-interacting RNA-binding protein, m
>gi|1036736882|ref|XP_017153600.1| PREDICTED: acyl-CoA-binding domain-containing protein 6 [Dr
>gi|1036736864|ref|XP_017153585.1| PREDICTED: 26S protease regulatory subunit 8 [Drosophila mi
>gi|1036736845|ref|XP_017153572.1| PREDICTED: ATP-binding cassette sub-family A member 2 [Dros
>gi|1036737563|ref|XP_017153983.1| PREDICTED: ATP-binding cassette sub-family A member 3 isofo
>gi|1036737579|ref|XP_017153992.1| PREDICTED: ATP-binding cassette sub-family A member 3 isofo
>gi|1036737598|ref|XP_017154001.1| PREDICTED: ATP-binding cassette sub-family A member 3 isofo
>gi|1036737618|ref|XP_017154008.1| PREDICTED: ATP-binding cassette sub-family A member 3 isofo
>gi|1036755855|ref|XP_017156637.1| PREDICTED: ATP-binding cassette sub-family A member 3 [Dros
>gi|1036739225|ref|XP_017154858.1| PREDICTED: loricrin isoform X1 [Drosophila miranda]
>gi|1036739243|ref|XP_017154866.1| PREDICTED: pro-resilin isoform X2 [Drosophila miranda]
>gi|1036705755|ref|XP 017135808.1| PREDICTED: uncharacterized protein LOC108151618 [Drosophila
>gi|1036730379|ref|XP_017150158.1| PREDICTED: ATP-binding cassette sub-family A member 7 isofo
>gi|1036730342|ref|XP 017150144.1| PREDICTED: ATP-binding cassette sub-family A member 13 isof
>gi|1036730360|ref|XP_017150150.1| PREDICTED: ATP-binding cassette sub-family A member 13 isof
>gi|1036730396|ref|XP_017150171.1| PREDICTED: NEDD8 ultimate buster 1 [Drosophila miranda]
>gi|1036730413|ref|XP_017150179.1| PREDICTED: NEDD8 ultimate buster 1 [Drosophila miranda]
>gi|1036730429|ref|XP_017150188.1| PREDICTED: NEDD8 ultimate buster 1 [Drosophila miranda]
>gi|1036748852|ref|XP_017156233.1| PREDICTED: uncharacterized protein LOC108164823 [Drosophila
>gi|1036748871|ref|XP_017156234.1| PREDICTED: uncharacterized protein LOC108164823 [Drosophila
>gi|1036700097|ref|XP_017146813.1| PREDICTED: uncharacterized protein LOC108158723 [Drosophila
>gi|1036700111|ref|XP_017146945.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036748890|ref|XP_017156235.1| PREDICTED: NEDD8-specific protease 2 [Drosophila miranda]
>gi|1036727782|ref|XP_017148596.1| PREDICTED: blood vessel epicardial substance isoform X3 [Droposition of the content of the 
>gi|1036727725|ref|XP_017148570.1| PREDICTED: blood vessel epicardial substance isoform X1 [Dr
>gi|1036727747|ref|XP 017148578.1| PREDICTED: blood vessel epicardial substance isoform X1 [Dr.
>gi|1036727707|ref|XP_017148558.1| PREDICTED: transcription factor kayak [Drosophila miranda]
>gi|1036735348|ref|XP_017152720.1| PREDICTED: dolichyl-diphosphooligosaccharide--protein glyco-
>gi|1036735369|ref|XP_017152733.1| PREDICTED: uncharacterized protein LOC108162488 isoform X1
>gi|1036735388|ref|XP_017152741.1| PREDICTED: uncharacterized protein LOC108162488 isoform X2
>gi|1036744643|ref|XP_017156001.1| PREDICTED: cystathionine beta-synthase [Drosophila miranda]
>gi|1036734725|ref|XP_017152381.1| PREDICTED: microsomal glutathione S-transferase 1 isoform X
>gi|1036734706|ref|XP_017152371.1| PREDICTED: microsomal glutathione S-transferase 1 isoform X
>gi|1036734670|ref|XP_017152351.1| PREDICTED: uncharacterized protein LOC108162231 isoform X1
>gi|1036734688|ref|XP_017152360.1| PREDICTED: uncharacterized protein LOC108162231 isoform X2
>gi|1036734742|ref|XP_017152393.1| PREDICTED: probable nuclear transport factor 2 [Drosophila i
>gi|1036739193|ref|XP_017154835.1| PREDICTED: zinc finger protein 134 [Drosophila miranda]
>gi|1036739209|ref|XP_017154848.1| PREDICTED: NAD(P)H-hydrate epimerase [Drosophila miranda]
>gi|1036739173|ref|XP_017154822.1| PREDICTED: RNA-binding protein NOB1 [Drosophila miranda]
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>gi|1036720170|ref|XP_017144493.1| PREDICTED: trithorax group protein osa isoform X1 [Drosophi
>gi|1036720189|ref|XP_017144502.1| PREDICTED: collagen alpha-1(I) chain isoform X2 [Drosophila
>gi|1036720209|ref|XP_017144512.1| PREDICTED: collagen alpha-1(I) chain isoform X3 [Drosophila
>gi|1036720266|ref|XP_017144539.1| PREDICTED: uncharacterized protein LOC108157132 isoform X3
>gi|1036720229|ref|XP 017144523.1| PREDICTED: uncharacterized protein LOC108157132 isoform X1
>gi|1036720247|ref|XP_017144531.1| PREDICTED: uncharacterized protein LOC108157132 isoform X2
>gi|1036698274|ref|XP_017138640.1| PREDICTED: putative gustatory receptor 9a [Drosophila miran
>gi|1036755801|ref|XP_017156634.1| PREDICTED: vitellogenin-1 [Drosophila miranda]
>gi|1036756202|ref|XP_017156656.1| PREDICTED: vitellogenin-2 [Drosophila miranda]
>gi|1036742628|ref|XP_017155897.1| PREDICTED: mucin-5AC isoform X7 [Drosophila miranda]
>gi|1036742610|ref|XP_017155895.1| PREDICTED: mucin-5AC isoform X6 [Drosophila miranda]
>gi|1036742538|ref|XP_017155891.1| PREDICTED: uncharacterized protein LOC108164581 isoform X2
>gi|1036742520|ref|XP_017155890.1| PREDICTED: uncharacterized protein LOC108164581 isoform X1
>gi|1036742592|ref|XP_017155894.1| PREDICTED: mucin-5AC isoform X5 [Drosophila miranda]
>gi|1036742557|ref|XP_017155892.1| PREDICTED: mucin-5AC isoform X3 [Drosophila miranda]
>gi|1036742644|ref|XP_017155898.1| PREDICTED: serine-rich adhesin for platelets isoform X8 [Dreference of the content of the c
>gi|1036742576|ref|XP_017155893.1| PREDICTED: mucin-5AC isoform X4 [Drosophila miranda]
>gi|1036739678|ref|XP_017155131.1| PREDICTED: DNA replication ATP-dependent helicase/nuclease
>gi|1036705629|ref|XP_017135713.1| PREDICTED: basic helix-loop-helix transcription factor scle
>gi|1036752664|ref|XP 017156449.1| PREDICTED: keratin, type I cytoskeletal 10 isoform X3 [Dros
>gi|1036752628|ref|XP_017156447.1| PREDICTED: keratin, type I cytoskeletal 10 isoform X1 [Dros
>gi|1036752701|ref|XP 017156452.1| PREDICTED: uncharacterized protein LOC108164957 isoform X5
>gi|1036752719|ref|XP_017156453.1| PREDICTED: uncharacterized protein LOC108164957 isoform X5
>gi|1036752645|ref|XP_017156448.1| PREDICTED: uncharacterized protein DDB_G0280205 isoform X2
>gi|1036752682|ref|XP_017156451.1| PREDICTED: uncharacterized protein LOC108164957 isoform X4
>gi|1036752735|ref|XP_017156454.1| PREDICTED: uncharacterized protein LOC108164957 isoform X6
>gi|1036700126|ref|XP_017147072.1| PREDICTED: uncharacterized protein LOC108158833, partial [Di
>gi|1036755125|ref|XP_017156598.1| PREDICTED: uncharacterized protein LOC108165061 isoform X2
>gi|1036755087|ref|XP_017156596.1| PREDICTED: uncharacterized protein LOC108165061 isoform X1
>gi|1036755106|ref|XP_017156597.1| PREDICTED: uncharacterized protein LOC108165061 isoform X1
>gi|1036755069|ref|XP_017156595.1| PREDICTED: microfibril-associated glycoprotein 4 isoform X2
>gi|1036755050|ref|XP_017156594.1| PREDICTED: microfibril-associated glycoprotein 4 isoform X1
>gi|1036755014|ref|XP_017156592.1| PREDICTED: fibrinogen-like protein A isoform X1 [Drosophila
>gi|1036755031|ref|XP_017156593.1| PREDICTED: fibrinogen-like protein A isoform X2 [Drosophila
>gi|1036746190|ref|XP 017156091.1| PREDICTED: chitinase-like protein Idgf4 [Drosophila miranda
>gi|1036700141|ref|XP_017147205.1| PREDICTED: lipoprotein lipase [Drosophila miranda]
>gi|1036756109|ref|XP_017156650.1| PREDICTED: endonuclease G, mitochondrial-like isoform X2 [Di
>gi|1036756090|ref|XP_017156649.1| PREDICTED: endonuclease G, mitochondrial-like isoform X1 [Di
>gi|1036748145|ref|XP_017156207.1| PREDICTED: uncharacterized protein LOC108164794 [Drosophila
>gi|1036748126|ref|XP_017156205.1| PREDICTED: uncharacterized protein LOC108164793 [Drosophila
>gi|1036703416|ref|XP_017156936.1| PREDICTED: uncharacterized protein LOC108165405 [Drosophila
>gi|1036704401|ref|XP_017134870.1| PREDICTED: uncharacterized protein LOC108151018 [Drosophila
>gi|1036704907|ref|XP 017135229.1| PREDICTED: uncharacterized protein LOC108151237 [Drosophila
>gi|1036703114|ref|XP_017156773.1| PREDICTED: uncharacterized protein LOC108165243 [Drosophila
>gi|1036756583|ref|XP_017156679.1| PREDICTED: PERQ amino acid-rich with GYF domain-containing
>gi|1036704530|ref|XP_017134954.1| PREDICTED: uncharacterized protein LOC108151079 [Drosophila
>gi|1036754395|ref|XP_017156555.1| PREDICTED: uncharacterized protein LOC108165029 [Drosophila
>gi|1036754412|ref|XP_017156556.1| PREDICTED: uncharacterized protein LOC108165030 [Drosophila
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>gi|1036754380|ref|XP_017156554.1| PREDICTED: serine protease easter [Drosophila miranda]
>gi|1036702984|ref|XP_017156713.1| PREDICTED: uncharacterized protein LOC108165154 isoform X1
>gi|1036703002|ref|XP_017156721.1| PREDICTED: uncharacterized protein LOC108165154 isoform X1
>gi|1036703018|ref|XP_017156728.1| PREDICTED: uncharacterized protein LOC108165154 isoform X2
>gi|1036751844|ref|XP 017156399.1| PREDICTED: carbonic anhydrase-related protein 10 [Drosophile
>gi|1036751880|ref|XP_017156402.1| PREDICTED: N-alpha-acetyltransferase 38, NatC auxiliary sub
>gi|1036751863|ref|XP_017156401.1| PREDICTED: N-alpha-acetyltransferase 38, NatC auxiliary sub
>gi|1036741596|ref|XP_017155839.1| PREDICTED: obg-like ATPase 1 [Drosophila miranda]
>gi|1036741615|ref|XP_017155840.1| PREDICTED: obg-like ATPase 1 [Drosophila miranda]
>gi|1036749185|ref|XP_017156252.1| PREDICTED: transcription factor Sp9 isoform X2 [Drosophila i
>gi|1036749152|ref|XP_017156250.1| PREDICTED: transcription factor Sp9 isoform X1 [Drosophila in the content of the content of
>gi|1036749167|ref|XP_017156251.1| PREDICTED: transcription factor Sp9 isoform X1 [Drosophila i
>gi|1036745200|ref|XP_017156033.1| PREDICTED: transcription factor btd [Drosophila miranda]
>gi|1036720130|ref|XP_017144471.1| PREDICTED: histone acetyltransferase p300 isoform X1 [Droso
>gi|1036720150|ref|XP_017144480.1| PREDICTED: histone acetyltransferase p300 isoform X2 [Droso
>gi|1036754470|ref|XP_017156559.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036724778|ref|XP_017146786.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 9
>gi|1036724743|ref|XP_017146764.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 9
>gi|1036724761|ref|XP_017146775.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 9
>gi|1036731645|ref|XP 017150820.1| PREDICTED: E3 ubiquitin-protein ligase HECW2 isoform X1 [Dr.
>gi|1036731681|ref|XP_017150825.1| PREDICTED: E3 ubiquitin-protein ligase HECW2 isoform X3 [Dr
>gi|1036750209|ref|XP_017156308.1| PREDICTED: uncharacterized protein LOC108164874 [Drosophila
>gi|1036745509|ref|XP_017156052.1| PREDICTED: lysine--tRNA ligase isoform X1 [Drosophila miran
>gi|1036745525|ref|XP_017156053.1| PREDICTED: lysine--tRNA ligase isoform X2 [Drosophila miran-
>gi|1036717368|ref|XP_017142962.1| PREDICTED: probable histone-lysine N-methyltransferase CG17
>gi|1036717387|ref|XP_017142973.1| PREDICTED: fatty acid hydroxylase domain-containing protein
>gi|1036717406|ref|XP_017142985.1| PREDICTED: glutathione S-transferase theta-1 [Drosophila mi
>gi|1036744381|ref|XP_017155989.1| PREDICTED: kinesin-like protein Nod [Drosophila miranda]
>gi|1036744400|ref|XP_017155990.1| PREDICTED: uncharacterized protein LOC108164649 [Drosophila
>gi|1036753741|ref|XP_017156516.1| PREDICTED: nuclease [Drosophila miranda]
>gi|1036753650|ref|XP_017156511.1| PREDICTED: uncharacterized protein LOC108164995 isoform X1
>gi|1036753668|ref|XP_017156512.1| PREDICTED: uncharacterized protein LOC108164995 isoform X1
>gi|1036753686|ref|XP_017156513.1| PREDICTED: uncharacterized protein LOC108164995 isoform X1
>gi|1036753705|ref|XP 017156514.1| PREDICTED: uncharacterized protein LOC108164995 isoform X1
>gi|1036753724|ref|XP_017156515.1| PREDICTED: uncharacterized protein LOC108164995 isoform X2
>gi|1036724391|ref|XP_017146525.1| PREDICTED: uncharacterized protein LOC108158553 isoform X4
>gi|1036724356|ref|XP_017146508.1| PREDICTED: uncharacterized protein LOC108158553 isoform X2
>gi|1036724373|ref|XP_017146516.1| PREDICTED: uncharacterized protein LOC108158553 isoform X3
>gi|1036724250|ref|XP_017146459.1| PREDICTED: uncharacterized protein LOC108158553 isoform X1
>gi|1036724270|ref|XP_017146469.1| PREDICTED: uncharacterized protein LOC108158553 isoform X1
>gi|1036724286|ref|XP_017146477.1| PREDICTED: uncharacterized protein LOC108158553 isoform X1
>gi|1036724305|ref|XP_017146487.1| PREDICTED: uncharacterized protein LOC108158553 isoform X1
>gi|1036724321|ref|XP_017146495.1| PREDICTED: uncharacterized protein LOC108158553 isoform X1
>gi|1036742663|ref|XP_017155899.1| PREDICTED: uncharacterized protein LOC108164583 [Drosophila
>gi|1036710962|ref|XP_017139235.1| PREDICTED: serine/threonine-protein kinase S6KL isoform X2
>gi|1036710945|ref|XP_017139228.1| PREDICTED: serine/threonine-protein kinase S6KL isoform X1
>gi|1036710996|ref|XP_017139251.1| PREDICTED: serine/threonine-protein kinase S6KL isoform X4
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>gi|1036710979|ref|XP_017139243.1| PREDICTED: serine/threonine-protein kinase S6KL isoform X3
>gi|1036711030|ref|XP_017139276.1| PREDICTED: protein bangles and beads [Drosophila miranda]
>gi|1036711046|ref|XP_017139287.1| PREDICTED: autophagy-related protein 101 [Drosophila mirand
>gi|1036711013|ref|XP_017139265.1| PREDICTED: uncharacterized protein LOC108153661 [Drosophila
>gi|1036711065|ref|XP_017139300.1| PREDICTED: coactosin-like protein [Drosophila miranda]
>gi|1036756147|ref|XP_017156652.1| PREDICTED: gastrin/cholecystokinin type B receptor [Drosoph
>gi|1036705770|ref|XP 017135820.1| PREDICTED: cofilin/actin-depolymerizing factor homolog [Droplet of the content of the conte
>gi|1036700156|ref|XP_017147331.1| PREDICTED: gastrin/cholecystokinin type B receptor [Drosoph
>gi|1036754941|ref|XP_017156588.1| PREDICTED: probable cytochrome P450 308a1 isoform X1 [Droso
>gi|1036754959|ref|XP_017156589.1| PREDICTED: probable cytochrome P450 308a1 isoform X2 [Droso
>gi|1036754978|ref|XP_017156590.1| PREDICTED: probable cytochrome P450 308a1 isoform X3 [Droso
>gi|1036744903|ref|XP_017156015.1| PREDICTED: cytochrome P450 18a1 [Drosophila miranda]
>gi|1036744886|ref|XP_017156013.1| PREDICTED: cytochrome P450 306a1 [Drosophila miranda]
>gi|1036700171|ref|XP_017147467.1| PREDICTED: zinc metalloproteinase nas-7 [Drosophila miranda]
>gi|1036727073|ref|XP_017148167.1| PREDICTED: serine/threonine-protein kinase fused [Drosophile]
>gi|1036727039|ref|XP_017148142.1| PREDICTED: C-mannosyltransferase dpy-19 homolog [Drosophila
>gi|1036727056|ref|XP_017148152.1| PREDICTED: C-mannosyltransferase dpy-19 homolog [Drosophila
>gi|1036746173|ref|XP_017156090.1| PREDICTED: inhibitor of growth protein 3 [Drosophila mirand
>gi|1036728732|ref|XP_017149133.1| PREDICTED: glucose-induced degradation protein 8 homolog [Di
>gi|1036728713|ref|XP 017149120.1| PREDICTED: nucleoporin NUP53 [Drosophila miranda]
>gi|1036728639|ref|XP_017149086.1| PREDICTED: rab11 family-interacting protein 1 isoform X1 [Di
>gi|1036728675|ref|XP 017149098.1| PREDICTED: rab11 family-interacting protein 1 isoform X2 [Di
>gi|1036728694|ref|XP_017149108.1| PREDICTED: uncharacterized protein LOC108159941 isoform X3
>gi|1036746156|ref|XP_017156089.1| PREDICTED: protein valois-like [Drosophila miranda]
>gi|1036742880|ref|XP_017155911.1| PREDICTED: tumor necrosis factor receptor superfamily member
>gi|1036742899|ref|XP_017155912.1| PREDICTED: tumor necrosis factor receptor superfamily member
>gi|1036742917|ref|XP_017155913.1| PREDICTED: tumor necrosis factor receptor superfamily member
>gi|1036753121|ref|XP_017156479.1| PREDICTED: uncharacterized protein LOC108164975 isoform X1
>gi|1036753136|ref|XP_017156480.1| PREDICTED: uncharacterized protein LOC108164975 isoform X1
>gi|1036753153|ref|XP_017156481.1| PREDICTED: uncharacterized protein LOC108164975 isoform X1
>gi|1036753170|ref|XP_017156482.1| PREDICTED: uncharacterized protein LOC108164975 isoform X2
>gi|1036728284|ref|XP_017148876.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036728303|ref|XP 017148899.1| PREDICTED: uncharacterized protein LOC108159829 [Drosophila
>gi|1036728247|ref|XP_017148856.1| PREDICTED: histidine--tRNA ligase, cytoplasmic isoform X2 [
>gi|1036728265|ref|XP 017148864.1| PREDICTED: histidine--tRNA ligase, cytoplasmic isoform X3 [
>gi|1036728225|ref|XP_017148847.1| PREDICTED: histidine--tRNA ligase, cytoplasmic isoform X1 [
>gi|1036752173|ref|XP_017156420.1| PREDICTED: gamma-glutamyltranspeptidase 1 [Drosophila miran
>gi|1036738919|ref|XP_017154680.1| PREDICTED: N-acetylgalactosaminyltransferase 7 [Drosophila 1
>gi|1036756273|ref|XP_017156660.1| PREDICTED: uncharacterized protein LOC108165112 [Drosophila
>gi|1036756290|ref|XP_017156661.1| PREDICTED: uncharacterized protein LOC108165113 [Drosophila
>gi|1036746772|ref|XP_017156129.1| PREDICTED: uncharacterized protein LOC108164744 isoform X1
>gi|1036746791|ref|XP_017156130.1| PREDICTED: uncharacterized protein LOC108164744 isoform X2
>gi|1036746756|ref|XP_017156128.1| PREDICTED: uncharacterized protein LOC108164743 [Drosophila
>gi|1036746722|ref|XP_017156126.1| PREDICTED: serine protease persephone-like isoform X1 [Dros
>gi|1036746739|ref|XP_017156127.1| PREDICTED: serine protease persephone-like isoform X2 [Dros
>gi|1036746685|ref|XP_017156123.1| PREDICTED: filaggrin [Drosophila miranda]
>gi|1036746706|ref|XP_017156124.1| PREDICTED: filaggrin [Drosophila miranda]
>gi|1036700188|ref|XP_017147595.1| PREDICTED: uncharacterized protein LOC108159096 [Drosophila
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>gi|1036757062|ref|XP_017156703.1| PREDICTED: uncharacterized protein LOC108165146 [Drosophila
>gi|1036757043|ref|XP_017156702.1| PREDICTED: transcription factor kayak [Drosophila miranda]
>gi|1036703565|ref|XP_017157020.1| PREDICTED: cuticle protein 21.3 isoform X2 [Drosophila mirate
>gi|1036703548|ref|XP_017157013.1| PREDICTED: cuticle protein 16.5 isoform X1 [Drosophila mirate
>gi|1036733150|ref|XP_017151479.1| PREDICTED: cytosolic purine 5'-nucleotidase isoform X1 [Dros
>gi|1036733169|ref|XP_017151487.1| PREDICTED: cytosolic purine 5'-nucleotidase isoform X1 [Drop
>gi|1036733204|ref|XP 017151500.1| PREDICTED: cytosolic purine 5'-nucleotidase isoform X3 [Drop
>gi|1036733221|ref|XP_017151508.1| PREDICTED: cytosolic purine 5'-nucleotidase isoform X4 [Dros
>gi|1036733188|ref|XP_017151494.1| PREDICTED: cytosolic purine 5'-nucleotidase isoform X2 [Dros
>gi|1036753777|ref|XP_017156518.1| PREDICTED: transferrin [Drosophila miranda]
>gi|1036739630|ref|XP_017155095.1| PREDICTED: coatomer subunit beta [Drosophila miranda]
>gi|1036736349|ref|XP_017153284.1| PREDICTED: nitric oxide synthase-interacting protein homological
>gi|1036736333|ref|XP_017153272.1| PREDICTED: protein-serine O-palmitoleoyltransferase porcupi
>gi|1036731200|ref|XP_017150599.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731088|ref|XP_017150547.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731107|ref|XP_017150555.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731127|ref|XP_017150565.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731145|ref|XP_017150573.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731163|ref|XP_017150583.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731181|ref|XP_017150591.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731218|ref|XP_017150608.1| PREDICTED: cyclic AMP response element-binding protein B is
>gi|1036731072|ref|XP 017150535.1| PREDICTED: allantoinase [Drosophila miranda]
>gi|1036731015|ref|XP_017150515.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036703264|ref|XP_017156851.1| PREDICTED: uncharacterized protein LOC108165325 [Drosophila
>gi|1036746880|ref|XP_017156135.1| PREDICTED: uncharacterized protein LOC108164749 isoform X2
>gi|1036746863|ref|XP_017156134.1| PREDICTED: uncharacterized protein LOC108164749 isoform X1
>gi|1036705738|ref|XP_017135798.1| PREDICTED: uncharacterized protein LOC108151612 [Drosophila
>gi|1036705969|ref|XP_017135969.1| PREDICTED: uncharacterized protein LOC108151706 [Drosophila
>gi|1036755886|ref|XP_017156638.1| PREDICTED: uncharacterized protein LOC108165097 isoform X1
>gi|1036755905|ref|XP_017156639.1| PREDICTED: uncharacterized protein LOC108165097 isoform X2
>gi|1036745905|ref|XP_017156073.1| PREDICTED: protein Exd1 homolog isoform X1 [Drosophila mirated
>gi|1036745923|ref|XP_017156074.1| PREDICTED: protein Exd1 homolog isoform X2 [Drosophila mirated
>gi|1036724408|ref|XP_017146537.1| PREDICTED: SWI5-dependent HO expression protein 3-like [Dros
>gi|1036701212|ref|XP_017154222.1| PREDICTED: uncharacterized protein LOC108163424 [Drosophila
>gi|1036701229|ref|XP 017154347.1| PREDICTED: TPR-containing protein DDB G0280363 [Drosophila 1
>gi|1036758205|ref|XP_017156763.1| PREDICTED: cytochrome c oxidase subunit 4 isoform 2, mitoch
>gi|1036816707|ref|XP_017137410.1| PREDICTED: protein yippee-like CG15309 [Drosophila miranda]
>gi|1036816726|ref|XP_017137411.1| PREDICTED: protein yippee-like CG15309 [Drosophila miranda]
>gi|1036816649|ref|XP_017137406.1| PREDICTED: kelch domain-containing protein 3 isoform X1 [Dr
>gi|1036816667|ref|XP_017137408.1| PREDICTED: kelch domain-containing protein 3 isoform X2 [Dr
>gi|1036816745|ref|XP_017137412.1| PREDICTED: INO80 complex subunit C [Drosophila miranda]
>gi|1036830533|ref|XP_017138182.1| PREDICTED: mannosyl-oligosaccharide glucosidase [Drosophila
>gi|1036799288|ref|XP_017136446.1| PREDICTED: transmembrane protein 68 [Drosophila miranda]
>gi|1036799253|ref|XP_017136444.1| PREDICTED: transport and Golgi organization protein 2 isofo
>gi|1036799271|ref|XP_017136445.1| PREDICTED: transport and Golgi organization protein 2 isofo
>gi|1036799234|ref|XP_017136443.1| PREDICTED: RRP12-like protein [Drosophila miranda]
>gi|1036784211|ref|XP_017135592.1| PREDICTED: uncharacterized protein LOC108151473 isoform X3
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>gi|1036784247|ref|XP_017135594.1| PREDICTED: uncharacterized protein LOC108151473 isoform X5
>gi|1036784192|ref|XP_017135591.1| PREDICTED: uncharacterized protein LOC108151473 isoform X2
>gi|1036784173|ref|XP_017135590.1| PREDICTED: uncharacterized protein LOC108151473 isoform X1
>gi|1036784230|ref|XP_017135593.1| PREDICTED: uncharacterized protein LOC108151473 isoform X4
>gi|1036832323|ref|XP 017138279.1| PREDICTED: DNA ligase 4 [Drosophila miranda]
>gi|1036838628|ref|XP_017138644.1| PREDICTED: ribonuclease H2 subunit B [Drosophila miranda]
>gi|1036832475|ref|XP 017138289.1| PREDICTED: uncharacterized protein LOC108153041 isoform X1
>gi|1036832495|ref|XP_017138290.1| PREDICTED: uncharacterized protein LOC108153041 isoform X2
>gi|1036827231|ref|XP_017137990.1| PREDICTED: fatty acid hydroxylase domain-containing protein
>gi|1036827212|ref|XP_017137989.1| PREDICTED: RNA-binding protein FUS [Drosophila miranda]
>gi|1036827248|ref|XP_017137991.1| PREDICTED: selenoprotein BthD [Drosophila miranda]
>gi|1036795987|ref|XP_017136259.1| PREDICTED: actin cytoskeleton-regulatory complex protein par
>gi|1036796006|ref|XP_017136260.1| PREDICTED: actin cytoskeleton-regulatory complex protein par
>gi|1036795931|ref|XP_017136257.1| PREDICTED: neuroglian isoform X1 [Drosophila miranda]
>gi|1036795968|ref|XP_017136258.1| PREDICTED: neuroglian isoform X2 [Drosophila miranda]
>gi|1036826162|ref|XP_017137928.1| PREDICTED: integrator complex subunit 4 [Drosophila miranda]
>gi|1036775700|ref|XP_017135090.1| PREDICTED: uncharacterized protein LOC108151171 isoform X2
>gi|1036775683|ref|XP_017135089.1| PREDICTED: uncharacterized protein LOC108151171 isoform X1
>gi|1036775719|ref|XP_017135091.1| PREDICTED: uncharacterized protein LOC108151171 isoform X3
>gi|1036775740|ref|XP 017135092.1| PREDICTED: uncharacterized protein LOC108151171 isoform X4
>gi|1036775664|ref|XP_017135088.1| PREDICTED: LOW QUALITY PROTEIN: E3 ubiquitin-protein ligase
>gi|1036758220|ref|XP 017156764.1| PREDICTED: uncharacterized protein LOC108165236 [Drosophila
>gi|1036832871|ref|XP_017138312.1| PREDICTED: uncharacterized protein LOC108153050 [Drosophila
>gi|1036832836|ref|XP_017138310.1| PREDICTED: uncharacterized protein LOC108153049 [Drosophila
>gi|1036832854|ref|XP_017138311.1| PREDICTED: uncharacterized protein LOC108153049 [Drosophila
>gi|1036832817|ref|XP_017138309.1| PREDICTED: zinc finger C4H2 domain-containing protein [Dros
>gi|1036812587|ref|XP_017137180.1| PREDICTED: dnaJ homolog subfamily C member 22 [Drosophila m
>gi|1036812606|ref|XP_017137181.1| PREDICTED: dnaJ homolog subfamily C member 22 [Drosophila m
>gi|1036812549|ref|XP_017137178.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036812568|ref|XP_017137179.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036812625|ref|XP_017137183.1| PREDICTED: homeotic protein female sterile-like [Drosophila
>gi|1036812644|ref|XP_017137184.1| PREDICTED: homeotic protein female sterile-like [Drosophila
>gi|1036812662|ref|XP_017137185.1| PREDICTED: uncharacterized protein LOC108152395 isoform X1
>gi|1036812683|ref|XP_017137186.1| PREDICTED: uncharacterized protein LOC108152395 isoform X2
>gi|1036838429|ref|XP 017138629.1| PREDICTED: uncharacterized protein LOC108153271 [Drosophila
>gi|1036789975|ref|XP_017135921.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC9 [Dr
>gi|1036789919|ref|XP_017135918.1| PREDICTED: density-regulated protein homolog [Drosophila mi
>gi|1036789883|ref|XP_017135916.1| PREDICTED: nitrogen permease regulator 2-like protein [Dros
>gi|1036789901|ref|XP_017135917.1| PREDICTED: ketimine reductase mu-crystallin [Drosophila mire
>gi|1036789938|ref|XP_017135919.1| PREDICTED: uncharacterized protein LOC108151686 isoform X1
>gi|1036789956|ref|XP_017135920.1| PREDICTED: uncharacterized protein LOC108151686 isoform X2
>gi|1036789831|ref|XP_017135913.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036789850|ref|XP 017135914.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036789867|ref|XP_017135915.1| PREDICTED: regulator of G-protein signaling 7 [Drosophila m
>gi|1036839647|ref|XP_017138697.1| PREDICTED: uncharacterized protein LOC108153304 isoform X1
>gi|1036839662|ref|XP_017138698.1| PREDICTED: uncharacterized protein LOC108153304 isoform X2
>gi|1036839680|ref|XP_017138699.1| PREDICTED: uncharacterized protein LOC108153304 isoform X2
>gi|1036778909|ref|XP_017135282.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
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>gi|1036778776|ref|XP_017135273.1| PREDICTED: uncharacterized protein LOC108151262 isoform X5
>gi|1036778758|ref|XP_017135272.1| PREDICTED: uncharacterized protein LOC108151262 isoform X4
>gi|1036778704|ref|XP_017135269.1| PREDICTED: uncharacterized protein LOC108151262 isoform X1
>gi|1036778740|ref|XP_017135271.1| PREDICTED: uncharacterized protein LOC108151262 isoform X3
>gi|1036778722|ref|XP 017135270.1| PREDICTED: uncharacterized protein LOC108151262 isoform X2
>gi|1036778855|ref|XP_017135278.1| PREDICTED: LOW QUALITY PROTEIN: proteasome inhibitor PI31 s
>gi|1036778796|ref|XP 017135274.1| PREDICTED: uncharacterized protein LOC108151264 [Drosophila
>gi|1036778815|ref|XP_017135275.1| PREDICTED: uncharacterized protein LOC108151265 [Drosophila
>gi|1036778834|ref|XP_017135277.1| PREDICTED: uncharacterized protein LOC108151266 [Drosophila
>gi|1036778874|ref|XP_017135279.1| PREDICTED: 40S ribosomal protein S19a-like [Drosophila mirated]
>gi|1036778892|ref|XP_017135280.1| PREDICTED: uncharacterized protein LOC108151269 [Drosophila
>gi|1036767279|ref|XP 017134623.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036851147|ref|XP_017139330.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036767393|ref|XP_017134627.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036845649|ref|XP 017139012.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036845667|ref|XP_017139014.1| PREDICTED: 60 kDa heat shock protein, mitochondrial-like [Di
>gi|1036758238|ref|XP_017156765.1| PREDICTED: 60 kDa heat shock protein, mitochondrial-like [Di
>gi|1036845632|ref|XP 017139011.1| PREDICTED: calcitonin gene-related peptide type 1 receptor
>gi|1036843301|ref|XP_017138895.1| PREDICTED: ELAV-like protein 2 isoform X2 [Drosophila miran-
>gi|1036843283|ref|XP 017138894.1| PREDICTED: ELAV-like protein 1 isoform X1 [Drosophila miran
>gi|1036838410|ref|XP_017138627.1| PREDICTED: protein YIPF1 [Drosophila miranda]
>gi|1036835152|ref|XP 017138433.1| PREDICTED: breast cancer metastasis-suppressor 1 homolog [Di
>gi|1036835186|ref|XP_017138435.1| PREDICTED: probable 39S ribosomal protein L49, mitochondria
>gi|1036835167|ref|XP_017138434.1| PREDICTED: probable 39S ribosomal protein L49, mitochondria
>gi|1036849963|ref|XP_017139262.1| PREDICTED: uncharacterized protein LOC108153662 isoform X1
>gi|1036849983|ref|XP_017139263.1| PREDICTED: uncharacterized protein LOC108153662 isoform X2
>gi|1036827395|ref|XP_017138001.1| PREDICTED: FAD synthase [Drosophila miranda]
>gi|1036827413|ref|XP_017138002.1| PREDICTED: FAD synthase [Drosophila miranda]
>gi|1036827378|ref|XP_017137999.1| PREDICTED: aarF domain-containing protein kinase 4 [Drosoph
>gi|1036811059|ref|XP_017137099.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036811019|ref|XP_017137097.1| PREDICTED: uncharacterized protein LOC108152344 [Drosophila
>gi|1036811038|ref|XP_017137098.1| PREDICTED: neprilysin-11 [Drosophila miranda]
>gi|1036839828|ref|XP 017138707.1| PREDICTED: uncharacterized protein LOC108153308 [Drosophila
>gi|1036839846|ref|XP_017138708.1| PREDICTED: uncharacterized protein LOC108153308 [Drosophila
>gi|1036842877|ref|XP 017138871.1| PREDICTED: polyhomeotic-proximal chromatin protein-like [Dr.
>gi|1036758253|ref|XP_017156766.1| PREDICTED: bromodomain-containing factor 1-like [Drosophila
>gi|1036790512|ref|XP 017135950.1| PREDICTED: LOW QUALITY PROTEIN: polyhomeotic-proximal chrom-
>gi|1036790419|ref|XP_017135945.1| PREDICTED: D-2-hydroxyglutarate dehydrogenase, mitochondria
>gi|1036790435|ref|XP_017135946.1| PREDICTED: D-2-hydroxyglutarate dehydrogenase, mitochondria
>gi|1036790455|ref|XP_017135947.1| PREDICTED: D-2-hydroxyglutarate dehydrogenase, mitochondria
>gi|1036790474|ref|XP_017135948.1| PREDICTED: D-2-hydroxyglutarate dehydrogenase, mitochondria
>gi|1036790493|ref|XP_017135949.1| PREDICTED: D-2-hydroxyglutarate dehydrogenase, mitochondria
>gi|1036812222|ref|XP_017137160.1| PREDICTED: 6-phosphogluconate dehydrogenase, decarboxylating
>gi|1036812297|ref|XP_017137164.1| PREDICTED: protein bcn92 [Drosophila miranda]
>gi|1036812239|ref|XP_017137161.1| PREDICTED: MAP kinase-activated protein kinase 2 [Drosophile
>gi|1036812260|ref|XP_017137162.1| PREDICTED: MAP kinase-activated protein kinase 2 [Drosophile
>gi|1036812279|ref|XP_017137163.1| PREDICTED: MAP kinase-activated protein kinase 2 [Drosophile
>gi|1036800012|ref|XP_017136486.1| PREDICTED: N-acylneuraminate-9-phosphatase [Drosophila mirate-9-phosphatase]
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>gi|1036800050|ref|XP_017136488.1| PREDICTED: protein lin-52 homolog [Drosophila miranda]
>gi|1036800032|ref|XP_017136487.1| PREDICTED: alpha-protein kinase 1 [Drosophila miranda]
>gi|1036799994|ref|XP_017136485.1| PREDICTED: regulator of telomere elongation helicase 1 homo
>gi|1036805859|ref|XP_017136816.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda]
>gi|1036805878|ref|XP 017136818.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda
>gi|1036805897|ref|XP_017136819.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda]
>gi|1036805916|ref|XP_017136820.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda]
>gi|1036805934|ref|XP_017136821.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda]
>gi|1036805951|ref|XP_017136822.1| PREDICTED: integrator complex subunit 6 [Drosophila miranda]
>gi|1036784600|ref|XP_017135614.1| PREDICTED: sorting nexin-27 isoform X1 [Drosophila miranda]
>gi|1036784638|ref|XP_017135616.1| PREDICTED: uncharacterized protein LOC108151488 [Drosophila
>gi|1036784657|ref|XP_017135618.1| PREDICTED: 60S ribosomal protein L28 [Drosophila miranda]
>gi|1036784621|ref|XP_017135615.1| PREDICTED: sorting nexin-27 isoform X2 [Drosophila miranda]
>gi|1036784485|ref|XP_017135608.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 is
>gi|1036784506|ref|XP_017135609.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 is
>gi|1036784525|ref|XP_017135610.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 is
>gi|1036784544|ref|XP_017135611.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 is
>gi|1036784563|ref|XP_017135612.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 is
>gi|1036784449|ref|XP_017135606.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
>gi|1036784412|ref|XP 017135604.1| PREDICTED: A disintegrin and metalloproteinase with thrombo
>gi|1036784430|ref|XP_017135605.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
>gi|1036784466|ref|XP 017135607.1| PREDICTED: A disintegrin and metalloproteinase with thrombo-
>gi|1036784582|ref|XP_017135613.1| PREDICTED: NADH-ubiquinone oxidoreductase 75 kDa subunit, m
>gi|1036758272|ref|XP_017156767.1| PREDICTED: protein trapped in endoderm-1-like, partial [Dros
>gi|1036819313|ref|XP_017137554.1| PREDICTED: thioredoxin reductase 1, mitochondrial isoform X
>gi|1036819294|ref|XP_017137553.1| PREDICTED: thioredoxin reductase 1, mitochondrial isoform X
>gi|1036819332|ref|XP_017137555.1| PREDICTED: C-factor isoform X1 [Drosophila miranda]
>gi|1036819351|ref|XP_017137556.1| PREDICTED: C-factor isoform X2 [Drosophila miranda]
>gi|1036819374|ref|XP_017137557.1| PREDICTED: uncharacterized protein LOC108152606 [Drosophila
>gi|1036837757|ref|XP_017138589.1| PREDICTED: troponin I isoform X1 [Drosophila miranda]
>gi|1036837813|ref|XP_017138592.1| PREDICTED: troponin I isoform X4 [Drosophila miranda]
>gi|1036837795|ref|XP_017138591.1| PREDICTED: troponin I isoform X3 [Drosophila miranda]
>gi|1036837776|ref|XP_017138590.1| PREDICTED: troponin I isoform X2 [Drosophila miranda]
>gi|1036837868|ref|XP_017138595.1| PREDICTED: troponin I isoform X7 [Drosophila miranda]
>gi|1036837922|ref|XP 017138599.1| PREDICTED: troponin I isoform X10 [Drosophila miranda]
>gi|1036837903|ref|XP_017138598.1| PREDICTED: troponin I isoform X9 [Drosophila miranda]
>gi|1036837885|ref|XP 017138597.1| PREDICTED: troponin I isoform X8 [Drosophila miranda]
>gi|1036837831|ref|XP_017138593.1| PREDICTED: troponin I isoform X5 [Drosophila miranda]
>gi|1036837850|ref|XP_017138594.1| PREDICTED: troponin I isoform X6 [Drosophila miranda]
>gi|1036837941|ref|XP_017138600.1| PREDICTED: troponin I isoform X11 [Drosophila miranda]
>gi|1036837960|ref|XP_017138601.1| PREDICTED: troponin I isoform X12 [Drosophila miranda]
>gi|1036848353|ref|XP_017139165.1| PREDICTED: casein kinase II subunit beta'-like [Drosophila 1
>gi|1036808771|ref|XP_017136975.1| PREDICTED: interference hedgehog isoform X2 [Drosophila mire
>gi|1036808655|ref|XP_017136969.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808674|ref|XP_017136970.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808694|ref|XP_017136971.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808713|ref|XP_017136972.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
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>gi|1036808732|ref|XP\_017136973.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire

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>gi|1036808753|ref|XP_017136974.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808788|ref|XP_017136976.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808806|ref|XP_017136977.1| PREDICTED: interference hedgehog isoform X1 [Drosophila mire
>gi|1036808827|ref|XP_017136978.1| PREDICTED: regulatory protein zeste [Drosophila miranda]
>gi|1036803920|ref|XP 017136705.1| PREDICTED: basement membrane-specific heparan sulfate prote
>gi|1036803937|ref|XP_017136706.1| PREDICTED: basement membrane-specific heparan sulfate prote
>gi|1036846112|ref|XP 017139040.1| PREDICTED: PDF receptor [Drosophila miranda]
>gi|1036850930|ref|XP_017139318.1| PREDICTED: probable V-type proton ATPase subunit D 2 [Droso
>gi|1036828261|ref|XP_017138050.1| PREDICTED: dopamine N-acetyltransferase isoform X1 [Drosoph
>gi|1036828280|ref|XP_017138052.1| PREDICTED: dopamine N-acetyltransferase isoform X2 [Drosoph
>gi|1036828299|ref|XP_017138053.1| PREDICTED: dopamine N-acetyltransferase isoform X2 [Drosoph
>gi|1036828338|ref|XP_017138055.1| PREDICTED: protein GUCD1 isoform X2 [Drosophila miranda]
>gi|1036828319|ref|XP_017138054.1| PREDICTED: protein GUCD1 isoform X1 [Drosophila miranda]
>gi|1036828243|ref|XP_017138049.1| PREDICTED: zinc finger and BTB domain-containing protein 49
>gi|1036833065|ref|XP_017138323.1| PREDICTED: PHD finger protein 12 [Drosophila miranda]
>gi|1036815826|ref|XP_017137357.1| PREDICTED: uncharacterized protein LOC108152492 [Drosophila
>gi|1036815807|ref|XP_017137356.1| PREDICTED: uncharacterized protein LOC108152491 [Drosophila
>gi|1036815784|ref|XP_017137354.1| PREDICTED: mitochondrial ribonuclease P protein 3 [Drosophi
>gi|1036815763|ref|XP_017137353.1| PREDICTED: DNA repair endonuclease XPF [Drosophila miranda]
>gi|1036851487|ref|XP 017139351.1| PREDICTED: uncharacterized protein LOC108153733 [Drosophila
>gi|1036767666|ref|XP_017134640.1| PREDICTED: uncharacterized protein LOC108150845 [Drosophila
>gi|1036758291|ref|XP 017156768.1| PREDICTED: uncharacterized protein LOC108165242 [Drosophila
>gi|1036765327|ref|XP_017157164.1| PREDICTED: uncharacterized protein LOC108165601 [Drosophila
>gi|1036769627|ref|XP_017134750.1| PREDICTED: uncharacterized protein LOC108150931 [Drosophila
>gi|1036766542|ref|XP_017134580.1| PREDICTED: uncharacterized protein LOC108150789 isoform X2
>gi|1036766523|ref|XP_017134579.1| PREDICTED: uncharacterized protein LOC108150789 isoform X1
>gi|1036852340|ref|XP_017139405.1| PREDICTED: cell wall protein DAN4 [Drosophila miranda]
>gi|1036763406|ref|XP_017157064.1| PREDICTED: translation initiation factor IF-2 [Drosophila m
>gi|1036851345|ref|XP_017139342.1| PREDICTED: serine-rich adhesin for platelets [Drosophila mi
>gi|1036766958|ref|XP_017134604.1| PREDICTED: uncharacterized protein LOC108150810 [Drosophila
>gi|1036797845|ref|XP_017136363.1| PREDICTED: fasciclin-2 isoform X1 [Drosophila miranda]
>gi|1036797879|ref|XP_017136365.1| PREDICTED: fasciclin-2 isoform X3 [Drosophila miranda]
>gi|1036797862|ref|XP_017136364.1| PREDICTED: fasciclin-2 isoform X2 [Drosophila miranda]
>gi|1036797898|ref|XP_017136366.1| PREDICTED: fasciclin-2 isoform X4 [Drosophila miranda]
>gi|1036797917|ref|XP 017136367.1| PREDICTED: fasciclin-2 isoform X5 [Drosophila miranda]
>gi|1036797936|ref|XP_017136369.1| PREDICTED: galactosylgalactosylxylosylprotein 3-beta-glucur
>gi|1036846146|ref|XP 017139041.1| PREDICTED: translation machinery-associated protein 7 homole
>gi|1036827266|ref|XP_017137993.1| PREDICTED: mitochondrial tRNA-specific 2-thiouridylase 1 [Di
>gi|1036827284|ref|XP_017137994.1| PREDICTED: monocyte to macrophage differentiation factor [Di
>gi|1036827303|ref|XP_017137995.1| PREDICTED: monocyte to macrophage differentiation factor [Di
>gi|1036801742|ref|XP_017136587.1| PREDICTED: HEAT repeat-containing protein 6 [Drosophila mire
>gi|1036801760|ref|XP_017136588.1| PREDICTED: retinoblastoma family protein [Drosophila mirand
>gi|1036852545|ref|XP_017139417.1| PREDICTED: uncharacterized protein LOC108153784 [Drosophila
>gi|1036758307|ref|XP_017156769.1| PREDICTED: ESX-1 secretion-associated protein EspI [Drosoph
>gi|1036791737|ref|XP_017136020.1| PREDICTED: vesicle-trafficking protein SEC22b-B [Drosophila
>gi|1036791635|ref|XP_017136013.1| PREDICTED: uncharacterized protein CG43867 isoform X7 [Dros
>gi|1036791652|ref|XP_017136014.1| PREDICTED: uncharacterized protein CG43867 isoform X8 [Dros
>gi|1036791616|ref|XP_017136012.1| PREDICTED: uncharacterized protein CG43867 isoform X6 [Dros
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>gi|1036791539|ref|XP_017136008.1| PREDICTED: uncharacterized protein CG43867 isoform X2 [Dros
>gi|1036791558|ref|XP_017136009.1| PREDICTED: uncharacterized protein CG43867 isoform X3 [Dros
>gi|1036791520|ref|XP_017136007.1| PREDICTED: uncharacterized protein CG43867 isoform X1 [Dros
>gi|1036791598|ref|XP 017136011.1| PREDICTED: uncharacterized protein CG43867 isoform X5 [Dros-
>gi|1036791671|ref|XP_017136015.1| PREDICTED: uncharacterized protein CG43867 isoform X9 [Dros
>gi|1036791703|ref|XP 017136016.1| PREDICTED: uncharacterized protein CG43867 isoform X10 [Drop
>gi|1036791720|ref|XP_017136017.1| PREDICTED: uncharacterized protein CG43867 isoform X11 [Dros
>gi|1036791774|ref|XP_017136022.1| PREDICTED: uncharacterized protein LOC108151733 [Drosophila
>gi|1036791755|ref|XP_017136021.1| PREDICTED: uncharacterized protein LOC108151732 [Drosophila
>gi|1036846346|ref|XP_017139052.1| PREDICTED: protein lunapark-B-like isoform X2 [Drosophila m
>gi|1036846363|ref|XP_017139053.1| PREDICTED: protein lunapark-B-like isoform X3 [Drosophila m
>gi|1036846327|ref|XP_017139051.1| PREDICTED: protein lunapark-B-like isoform X1 [Drosophila m
>gi|1036827152|ref|XP_017137986.1| PREDICTED: leucine-zipper-like transcriptional regulator 1
>gi|1036843707|ref|XP_017138920.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036843688|ref|XP_017138919.1| PREDICTED: nucleosome assembly protein 1-like 1-A [Drosophi
>gi|1036824926|ref|XP_017137860.1| PREDICTED: uncharacterized protein LOC108152787 [Drosophila
>gi|1036824944|ref|XP_017137861.1| PREDICTED: cell wall integrity and stress response component
>gi|1036824963|ref|XP_017137862.1| PREDICTED: translocating chain-associated membrane protein
>gi|1036842197|ref|XP_017138834.1| PREDICTED: crossover junction endonuclease MUS81 [Drosophile
>gi|1036842181|ref|XP_017138833.1| PREDICTED: LOW QUALITY PROTEIN: RUN domain-containing prote
>gi|1036846681|ref|XP 017139072.1| PREDICTED: 3-oxoacyl-[acyl-carrier-protein] reductase FabG
>gi|1036846658|ref|XP_017139071.1| PREDICTED: LOW QUALITY PROTEIN: synaptic vesicle glycoprote
>gi|1036758325|ref|XP_017156770.1| PREDICTED: NADH-quinone oxidoreductase subunit F 1-like [Dref|XP_017156770.1]
>gi|1036758343|ref|XP_017156771.1| PREDICTED: NADH-quinone oxidoreductase subunit G-like [Dros
>gi|1036846381|ref|XP_017139054.1| PREDICTED: uncharacterized protein LOC108153509 [Drosophila
>gi|1036833321|ref|XP_017138338.1| PREDICTED: 60S ribosomal protein L13a-like [Drosophila mirat
>gi|1036758359|ref|XP_017156774.1| PREDICTED: ERI1 exoribonuclease 2-like [Drosophila miranda]
>gi|1036765347|ref|XP_017157165.1| PREDICTED: uncharacterized protein DDB_G0283357 [Drosophila
>gi|1036821039|ref|XP_017137644.1| PREDICTED: probable calcium-binding protein CML12 [Drosophi
>gi|1036821057|ref|XP_017137645.1| PREDICTED: probable calcium-binding protein CML12 [Drosophi
>gi|1036821000|ref|XP_017137641.1| PREDICTED: adenylate cyclase, terminal-differentiation spec
>gi|1036821113|ref|XP 017137647.1| PREDICTED: uncharacterized protein LOC108152662 [Drosophila
>gi|1036820981|ref|XP_017137640.1| PREDICTED: cell division control protein 45 homolog [Drosop
>gi|1036821094|ref|XP 017137646.1| PREDICTED: ribonuclease P protein subunit p21 [Drosophila m
>gi|1036821018|ref|XP_017137643.1| PREDICTED: gamma-butyrobetaine dioxygenase [Drosophila mirated]
>gi|1036824082|ref|XP_017137814.1| PREDICTED: protein suppressor of white apricot isoform X1 [
>gi|1036824101|ref|XP_017137815.1| PREDICTED: protein suppressor of white apricot isoform X2 [
>gi|1036824136|ref|XP_017137817.1| PREDICTED: protein suppressor of white apricot isoform X3 [
>gi|1036824155|ref|XP_017137818.1| PREDICTED: protein suppressor of white apricot isoform X4 [
>gi|1036767334|ref|XP_017134624.1| PREDICTED: chymotrypsin-elastase inhibitor ixodidin [Drosop
>gi|1036848879|ref|XP_017139196.1| PREDICTED: 27 kDa hemolymph protein [Drosophila miranda]
>gi|1036765926|ref|XP 017134548.1| PREDICTED: uncharacterized protein LOC108150765 [Drosophila
>gi|1036852071|ref|XP_017139388.1| PREDICTED: succinyl-CoA ligase subunit alpha, mitochondrial
>gi|1036812434|ref|XP_017137172.1| PREDICTED: uncharacterized protein LOC108152386 [Drosophila
>gi|1036812491|ref|XP_017137175.1| PREDICTED: uncharacterized protein LOC108152388 [Drosophila
>gi|1036812452|ref|XP_017137173.1| PREDICTED: uncharacterized protein LOC108152387 isoform X1
>gi|1036812470|ref|XP_017137174.1| PREDICTED: uncharacterized protein LOC108152387 isoform X2
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>gi|1036758375|ref|XP_017156775.1| PREDICTED: pollen-specific leucine-rich repeat extensin-lik
>gi|1036764635|ref|XP_017157127.1| PREDICTED: uncharacterized protein LOC108165564 [Drosophila
>gi|1036849174|ref|XP_017139213.1| PREDICTED: 27 kDa hemolymph protein [Drosophila miranda]
>gi|1036765996|ref|XP 017134551.1| PREDICTED: uncharacterized protein LOC108150768 [Drosophila
>gi|1036765975|ref|XP_017134550.1| PREDICTED: uncharacterized protein LOC108150767 [Drosophila
>gi|1036770401|ref|XP 017134793.1| PREDICTED: probable basic-leucine zipper transcription fact
>gi|1036758394|ref|XP_017156776.1| PREDICTED: uncharacterized protein LOC108165249 [Drosophila
>gi|1036852162|ref|XP_017139394.1| PREDICTED: alpha-protein kinase 1 [Drosophila miranda]
>gi|1036758413|ref|XP_017156777.1| PREDICTED: uncharacterized protein LOC108165250 [Drosophila
>gi|1036852090|ref|XP_017139390.1| PREDICTED: GATA zinc finger domain-containing protein 10 [Di
>gi|1036758432|ref|XP_017156778.1| PREDICTED: uncharacterized protein LOC108165251 [Drosophila
>gi|1036764243|ref|XP_017157110.1| PREDICTED: hornerin [Drosophila miranda]
>gi|1036846417|ref|XP_017139056.1| PREDICTED: zinc finger protein 771 [Drosophila miranda]
>gi|1036801064|ref|XP_017136546.1| PREDICTED: LOW QUALITY PROTEIN: polyhomeotic-proximal chrome
>gi|1036835060|ref|XP_017138428.1| PREDICTED: probable ATP-dependent DNA helicase DDX11 [Droso
>gi|1036832108|ref|XP_017138270.1| PREDICTED: activating transcription factor 3 [Drosophila min
>gi|1036764738|ref|XP_017157133.1| PREDICTED: calcineurin B homologous protein 1 [Drosophila m
>gi|1036758451|ref|XP_017156779.1| PREDICTED: uncharacterized protein LOC108165252 [Drosophila
>gi|1036850799|ref|XP_017139310.1| PREDICTED: uncharacterized protein LOC108153696 [Drosophila
>gi|1036796526|ref|XP_017136288.1| PREDICTED: disheveled-associated activator of morphogenesis
>gi|1036796507|ref|XP 017136287.1| PREDICTED: disheveled-associated activator of morphogenesis
>gi|1036796545|ref|XP_017136289.1| PREDICTED: golgin subfamily A member 6C-like [Drosophila mi
>gi|1036849821|ref|XP_017139253.1| PREDICTED: cell wall protein DAN4 [Drosophila miranda]
>gi|1036831922|ref|XP_017138259.1| PREDICTED: N-alpha-acetyltransferase 30 isoform X1 [Drosoph
>gi|1036831941|ref|XP_017138260.1| PREDICTED: N-alpha-acetyltransferase 30 isoform X2 [Drosoph
>gi|1036837347|ref|XP_017138563.1| PREDICTED: poly(A) RNA polymerase, mitochondrial [Drosophile
>gi|1036837366|ref|XP_017138565.1| PREDICTED: CD9 antigen [Drosophila miranda]
>gi|1036807353|ref|XP_017136897.1| PREDICTED: solute carrier family 12 member 8 [Drosophila mi
>gi|1036807335|ref|XP_017136896.1| PREDICTED: ESF1 homolog [Drosophila miranda]
>gi|1036807389|ref|XP_017136898.1| PREDICTED: serine/threonine-protein kinase Nek8 [Drosophila
>gi|1036767411|ref|XP_017134628.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1036811422|ref|XP_017137116.1| PREDICTED: sex-lethal homolog isoform X2 [Drosophila mirand
>gi|1036811403|ref|XP_017137115.1| PREDICTED: sex-lethal homolog isoform X1 [Drosophila mirand
>gi|1036811441|ref|XP 017137117.1| PREDICTED: RNA-binding protein FUS-like [Drosophila miranda]
>gi|1036801929|ref|XP_017136598.1| PREDICTED: 5'-AMP-activated protein kinase catalytic subuni
>gi|1036801949|ref|XP 017136599.1| PREDICTED: thioredoxin, mitochondrial [Drosophila miranda]
>gi|1036801781|ref|XP_017136589.1| PREDICTED: rho GTPase-activating protein gacZ isoform X1 [Di
>gi|1036801800|ref|XP_017136590.1| PREDICTED: rho GTPase-activating protein gacZ isoform X2 [Di
>gi|1036801817|ref|XP_017136591.1| PREDICTED: rho GTPase-activating protein gacZ isoform X3 [D:
>gi|1036801836|ref|XP_017136592.1| PREDICTED: rho GTPase-activating protein gacZ isoform X3 [D:
>gi|1036801855|ref|XP_017136593.1| PREDICTED: rho GTPase-activating protein gacZ isoform X3 [Di
>gi|1036801874|ref|XP_017136594.1| PREDICTED: rho GTPase-activating protein gacZ isoform X3 [Di
>gi|1036801893|ref|XP_017136595.1| PREDICTED: rho GTPase-activating protein gacZ isoform X3 [Di
>gi|1036801911|ref|XP_017136597.1| PREDICTED: rho GTPase-activating protein gacZ isoform X4 [D:
>gi|1036830077|ref|XP_017138153.1| PREDICTED: RILP-like protein homolog isoform X2 [Drosophila
>gi|1036830058|ref|XP_017138152.1| PREDICTED: RILP-like protein homolog isoform X1 [Drosophila
>gi|1036825259|ref|XP_017137880.1| PREDICTED: LOW QUALITY PROTEIN: microtubule-associated prot
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>gi|1036765745|ref|XP\_017134537.1| PREDICTED: uncharacterized protein LOC108150754 [Drosophila

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>gi|1036758470|ref|XP_017156780.1| PREDICTED: putative gustatory receptor 2a [Drosophila miran-
>gi|1036849335|ref|XP_017139222.1| PREDICTED: uncharacterized protein LOC108153629 [Drosophila
>gi|1036849349|ref|XP_017139223.1| PREDICTED: uncharacterized protein LOC108153630 [Drosophila
>gi|1036826589|ref|XP_017137953.1| PREDICTED: leucine-rich PPR motif-containing protein, mitoc
>gi|1036834104|ref|XP 017138374.1| PREDICTED: enoyl-CoA delta isomerase 2, mitochondrial [Dros-
>gi|1036834085|ref|XP_017138373.1| PREDICTED: large subunit GTPase 1 homolog [Drosophila miran-
>gi|1036783797|ref|XP 017135569.1| PREDICTED: GDP-fucose protein O-fucosyltransferase 2 [Droso
>gi|1036784078|ref|XP_017135585.1| PREDICTED: PXMP2/4 family protein 4 [Drosophila miranda]
>gi|1036784097|ref|XP_017135586.1| PREDICTED: PXMP2/4 family protein 4 [Drosophila miranda]
>gi|1036783816|ref|XP_017135570.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1036784021|ref|XP_017135582.1| PREDICTED: protein sym1 isoform X1 [Drosophila miranda]
>gi|1036784040|ref|XP 017135583.1| PREDICTED: protein sym1 isoform X1 [Drosophila miranda]
>gi|1036784059|ref|XP_017135584.1| PREDICTED: protein sym1 isoform X2 [Drosophila miranda]
>gi|1036784002|ref|XP_017135581.1| PREDICTED: uncharacterized protein LOC108151467 [Drosophila
>gi|1036783889|ref|XP_017135574.1| PREDICTED: trypsin eta [Drosophila miranda]
>gi|1036783927|ref|XP 017135577.1| PREDICTED: ras-related protein Rab-27A isoform X1 [Drosophi
>gi|1036783946|ref|XP_017135578.1| PREDICTED: ras-related protein Rab-27A isoform X2 [Drosophi
>gi|1036783965|ref|XP_017135579.1| PREDICTED: ras-related protein Rab-27A isoform X2 [Drosophi
>gi|1036783983|ref|XP_017135580.1| PREDICTED: ras-related protein Rab-27A isoform X3 [Drosophi
>gi|1036783834|ref|XP_017135571.1| PREDICTED: uncharacterized protein LOC108151462 [Drosophila
>gi|1036783853|ref|XP_017135572.1| PREDICTED: pleckstrin homology domain-containing family F m
>gi|1036783872|ref|XP_017135573.1| PREDICTED: pleckstrin homology domain-containing family F m
>gi|1036783908|ref|XP_017135576.1| PREDICTED: 40S ribosomal protein SA [Drosophila miranda]
>gi|1036849305|ref|XP_017139220.1| PREDICTED: glutamate receptor ionotropic, NMDA 2B isoform X
>gi|1036849270|ref|XP_017139218.1| PREDICTED: glutamate receptor ionotropic, NMDA 2B isoform X
>gi|1036849289|ref|XP_017139219.1| PREDICTED: glutamate receptor ionotropic, NMDA 2B isoform X
>gi|1036764581|ref|XP_017157124.1| PREDICTED: uncharacterized protein LOC108165560 [Drosophila
>gi|1036820681|ref|XP_017137623.1| PREDICTED: BTB/POZ domain-containing protein KCTD5 [Drosoph
>gi|1036758489|ref|XP_017156781.1| PREDICTED: LOW QUALITY PROTEIN: mucin-5AC [Drosophila miran
>gi|1036770545|ref|XP_017134801.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1036770578|ref|XP_017134803.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1036770512|ref|XP_017134799.1| PREDICTED: broad-complex core protein isoform X1 [Drosophile
>gi|1036770529|ref|XP_017134800.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1036770561|ref|XP_017134802.1| PREDICTED: broad-complex core protein isoforms 1/2/3/4/5 is
>gi|1036770494|ref|XP 017134798.1| PREDICTED: vacuolar protein sorting-associated protein 18 h
>gi|1036770656|ref|XP_017134808.1| PREDICTED: protein C19orf12 homolog [Drosophila miranda]
>gi|1036770597|ref|XP_017134804.1| PREDICTED: protein halfway isoform X1 [Drosophila miranda]
>gi|1036770616|ref|XP_017134805.1| PREDICTED: protein halfway isoform X2 [Drosophila miranda]
>gi|1036770438|ref|XP_017134795.1| PREDICTED: coiled-coil domain-containing protein CG32809 is
>gi|1036770420|ref|XP_017134794.1| PREDICTED: coiled-coil domain-containing protein CG32809 is
>gi|1036770475|ref|XP_017134797.1| PREDICTED: coiled-coil domain-containing protein CG32809 is
>gi|1036770456|ref|XP_017134796.1| PREDICTED: coiled-coil domain-containing protein CG32809 is
>gi|1036770676|ref|XP_017134809.1| PREDICTED: uncharacterized protein LOC108150978 [Drosophila
>gi|1036770637|ref|XP_017134807.1| PREDICTED: uncharacterized protein LOC108150976 [Drosophila
>gi|1036834752|ref|XP_017138409.1| PREDICTED: protein a6 [Drosophila miranda]
>gi|1036758508|ref|XP_017156782.1| PREDICTED: trypsin-3 [Drosophila miranda]
>gi|1036850967|ref|XP_017139319.1| PREDICTED: delta-sarcoglycan [Drosophila miranda]
>gi|1036766628|ref|XP_017134584.1| PREDICTED: uncharacterized protein LOC108150793 [Drosophila
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>gi|1036765469|ref|XP_017157173.1| PREDICTED: uncharacterized protein LOC108165607 [Drosophila
>gi|1036803038|ref|XP_017136656.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036802982|ref|XP_017136653.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036802961|ref|XP_017136652.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036802942|ref|XP 017136651.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036802924|ref|XP_017136650.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036803000|ref|XP 017136654.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036803019|ref|XP_017136655.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036803059|ref|XP_017136657.1| PREDICTED: double-stranded RNA-specific editase Adar isoform
>gi|1036758526|ref|XP_017156783.1| PREDICTED: LOW QUALITY PROTEIN: TRAF3-interacting protein 1
>gi|1036776046|ref|XP_017135108.1| PREDICTED: neurobeachin isoform X5 [Drosophila miranda]
>gi|1036776063|ref|XP_017135109.1| PREDICTED: neurobeachin isoform X6 [Drosophila miranda]
>gi|1036776084|ref|XP_017135110.1| PREDICTED: neurobeachin isoform X7 [Drosophila miranda]
>gi|1036776196|ref|XP_017135116.1| PREDICTED: neurobeachin isoform X13 [Drosophila miranda]
>gi|1036776141|ref|XP_017135113.1| PREDICTED: neurobeachin isoform X10 [Drosophila miranda]
>gi|1036776234|ref|XP_017135118.1| PREDICTED: neurobeachin isoform X15 [Drosophila miranda]
>gi|1036776308|ref|XP_017135122.1| PREDICTED: proteasomal ubiquitin receptor ADRM1 homolog [Dref|XP_017135122.1]
>gi|1036776327|ref|XP_017135123.1| PREDICTED: proteasome subunit alpha type-3-like [Drosophila
>gi|1036776346|ref|XP_017135124.1| PREDICTED: uncharacterized protein LOC108151189 [Drosophila
>gi|1036776270|ref|XP 017135120.1| PREDICTED: uncharacterized protein LOC108151185 [Drosophila
>gi|1036776289|ref|XP_017135121.1| PREDICTED: uncharacterized protein LOC108151185 [Drosophila
>gi|1036776251|ref|XP_017135119.1| PREDICTED: uncharacterized abhydrolase domain-containing pro-
>gi|1036775966|ref|XP_017135104.1| PREDICTED: neurobeachin isoform X1 [Drosophila miranda]
>gi|1036776160|ref|XP_017135114.1| PREDICTED: neurobeachin isoform X11 [Drosophila miranda]
>gi|1036775985|ref|XP_017135105.1| PREDICTED: neurobeachin isoform X2 [Drosophila miranda]
>gi|1036776004|ref|XP_017135106.1| PREDICTED: neurobeachin isoform X3 [Drosophila miranda]
>gi|1036776023|ref|XP_017135107.1| PREDICTED: neurobeachin isoform X4 [Drosophila miranda]
>gi|1036776179|ref|XP_017135115.1| PREDICTED: neurobeachin isoform X12 [Drosophila miranda]
>gi|1036776103|ref|XP_017135111.1| PREDICTED: neurobeachin isoform X8 [Drosophila miranda]
>gi|1036776120|ref|XP_017135112.1| PREDICTED: neurobeachin isoform X9 [Drosophila miranda]
>gi|1036776215|ref|XP_017135117.1| PREDICTED: neurobeachin isoform X14 [Drosophila miranda]
>gi|1036776383|ref|XP_017135127.1| PREDICTED: 60S ribosomal protein L30-like [Drosophila miran-
>gi|1036776365|ref|XP_017135125.1| PREDICTED: 60S ribosomal protein L30-like [Drosophila mirane
>gi|1036767718|ref|XP_017134642.1| PREDICTED: uncharacterized protein LOC108150849 [Drosophila
>gi|1036852578|ref|XP 017139419.1| PREDICTED: dnaJ homolog subfamily C member 7-like [Drosophi
>gi|1036764462|ref|XP_017157119.1| PREDICTED: uncharacterized protein LOC108165557 [Drosophila
>gi|1036773580|ref|XP_017134973.1| PREDICTED: uncharacterized protein LOC108151094 isoform X1
>gi|1036773597|ref|XP_017134974.1| PREDICTED: uncharacterized protein LOC108151094 isoform X2
>gi|1036773394|ref|XP_017134962.1| PREDICTED: uncharacterized protein LOC108151087 [Drosophila
>gi|1036773671|ref|XP_017134979.1| PREDICTED: uncharacterized protein LOC108151096 [Drosophila
>gi|1036773564|ref|XP_017134972.1| PREDICTED: cyclin-dependent kinase 7 [Drosophila miranda]
>gi|1036773690|ref|XP_017134980.1| PREDICTED: U1 small nuclear ribonucleoprotein A [Drosophila
>gi|1036773709|ref|XP_017134981.1| PREDICTED: thioredoxin-2 [Drosophila miranda]
>gi|1036773728|ref|XP_017134982.1| PREDICTED: thioredoxin-1 [Drosophila miranda]
>gi|1036773431|ref|XP_017134964.1| PREDICTED: uncharacterized protein LOC108151090 [Drosophila
>gi|1036773413|ref|XP_017134963.1| PREDICTED: uncharacterized protein LOC108151089 [Drosophila
>gi|1036773542|ref|XP_017134971.1| PREDICTED: something about silencing protein 10 [Drosophila
>gi|1036773375|ref|XP_017134961.1| PREDICTED: RNA-binding protein 4F [Drosophila miranda]
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>gi|1036773469|ref|XP_017134966.1| PREDICTED: acid phosphatase type 7 isoform X2 [Drosophila m
>gi|1036773523|ref|XP_017134970.1| PREDICTED: acid phosphatase type 7 isoform X5 [Drosophila m
>gi|1036773486|ref|XP_017134968.1| PREDICTED: acid phosphatase type 7 isoform X3 [Drosophila m
>gi|1036773505|ref|XP_017134969.1| PREDICTED: acid phosphatase type 7 isoform X4 [Drosophila m
>gi|1036773450|ref|XP_017134965.1| PREDICTED: acid phosphatase type 7 isoform X1 [Drosophila m
>gi|1036773652|ref|XP_017134978.1| PREDICTED: shematrin-like protein 2 isoform X3 [Drosophila i
>gi|1036773634|ref|XP_017134977.1| PREDICTED: glycine-rich cell wall structural protein 2 isof
>gi|1036773616|ref|XP_017134975.1| PREDICTED: glycine-rich RNA-binding protein 3, mitochondria
>gi|1036824695|ref|XP_017137850.1| PREDICTED: RNA-binding protein 33 [Drosophila miranda]
>gi|1036763208|ref|XP_017157053.1| PREDICTED: uncharacterized protein LOC108165508 [Drosophila
>gi|1036790788|ref|XP_017135965.1| PREDICTED: zinc finger protein 12 [Drosophila miranda]
>gi|1036790846|ref|XP_017135968.1| PREDICTED: probable 6-phosphogluconolactonase [Drosophila m
>gi|1036790807|ref|XP_017135966.1| PREDICTED: nuclear RNA export factor 1 [Drosophila miranda]
>gi|1036790825|ref|XP_017135967.1| PREDICTED: putative sodium-dependent multivitamin transport
>gi|1036790917|ref|XP_017135972.1| PREDICTED: uncharacterized protein LOC108151711 [Drosophila
>gi|1036790934|ref|XP_017135973.1| PREDICTED: uncharacterized protein LOC108151712 [Drosophila
>gi|1036790863|ref|XP_017135970.1| PREDICTED: uncharacterized protein LOC108151710 isoform X1
>gi|1036790882|ref|XP_017135971.1| PREDICTED: uncharacterized protein LOC108151710 isoform X2
>gi|1036812105|ref|XP_017137153.1| PREDICTED: uncharacterized protein LOC108152374 [Drosophila
>gi|1036812026|ref|XP_017137149.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036812047|ref|XP_017137150.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036812066|ref|XP_017137151.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036812087|ref|XP_017137152.1| PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphod
>gi|1036832144|ref|XP_017138273.1| PREDICTED: pyruvate dehydrogenase phosphatase regulatory su
>gi|1036762241|ref|XP_017157000.1| PREDICTED: optomotor-blind protein [Drosophila miranda]
>gi|1036762365|ref|XP_017157008.1| PREDICTED: uncharacterized protein CG3556 [Drosophila mirane
>gi|1036762403|ref|XP_017157010.1| PREDICTED: protein TonB [Drosophila miranda]
>gi|1036762223|ref|XP_017156999.1| PREDICTED: AP-3 complex subunit beta-2 [Drosophila miranda]
>gi|1036762437|ref|XP_017157012.1| PREDICTED: protein SREK1IP1 [Drosophila miranda]
>gi|1036762384|ref|XP_017157009.1| PREDICTED: uncharacterized protein LOC108165469 [Drosophila
>gi|1036762418|ref|XP_017157011.1| PREDICTED: serine--pyruvate aminotransferase, mitochondrial
>gi|1036762455|ref|XP_017157014.1| PREDICTED: 60S ribosomal protein L7a [Drosophila miranda]
>gi|1036762259|ref|XP_017157002.1| PREDICTED: protein deltex [Drosophila miranda]
>gi|1036762014|ref|XP_017156992.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036762026|ref|XP 017156993.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036762131|ref|XP_017156994.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036762148|ref|XP_017156995.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036762166|ref|XP_017156996.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036761940|ref|XP_017156988.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dr
>gi|1036761959|ref|XP_017156989.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dr
>gi|1036761998|ref|XP_017156991.1| PREDICTED: uncharacterized protein LOC108165461 isoform X3
>gi|1036762204|ref|XP_017156998.1| PREDICTED: uncharacterized protein LOC108165461 isoform X10
>gi|1036762186|ref|XP_017156997.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036762560|ref|XP_017157019.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036761977|ref|XP_017156990.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dref|XP_017156990.1]
>gi|1036762493|ref|XP_017157016.1| PREDICTED: uncharacterized protein LOC108165476 [Drosophila
>gi|1036762511|ref|XP_017157017.1| PREDICTED: 40S ribosomal protein S12, mitochondrial [Drosop
>gi|1036758542|ref|XP_017156784.1| PREDICTED: protein giant [Drosophila miranda]
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>gi|1036762524|ref|XP_017157018.1| PREDICTED: uncharacterized protein LOC108165478 [Drosophila
>gi|1036758559|ref|XP_017156785.1| PREDICTED: LOW QUALITY PROTEIN: protein regulator of cytoki:
>gi|1036758578|ref|XP_017156786.1| PREDICTED: protein argonaute-2-like, partial [Drosophila mi
>gi|1036762474|ref|XP_017157015.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1036762347|ref|XP 017157007.1| PREDICTED: uncharacterized protein LOC108165467 isoform X4
>gi|1036762314|ref|XP_017157005.1| PREDICTED: uncharacterized protein LOC108165467 isoform X2
>gi|1036762295|ref|XP 017157004.1| PREDICTED: uncharacterized protein LOC108165467 isoform X1
>gi|1036762332|ref|XP_017157006.1| PREDICTED: uncharacterized protein LOC108165467 isoform X3
>gi|1036758596|ref|XP_017156787.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036762277|ref|XP_017157003.1| PREDICTED: zinc finger and BTB domain-containing protein 48
>gi|1036817445|ref|XP_017137449.1| PREDICTED: casein kinase I [Drosophila miranda]
>gi|1036811137|ref|XP_017137103.1| PREDICTED: syntaxin-binding protein 5 isoform X3 [Drosophile
>gi|1036811117|ref|XP_017137102.1| PREDICTED: syntaxin-binding protein 5 isoform X2 [Drosophile
>gi|1036811155|ref|XP_017137104.1| PREDICTED: syntaxin-binding protein 5 isoform X4 [Drosophile
>gi|1036811078|ref|XP_017137100.1| PREDICTED: syntaxin-binding protein 5 isoform X1 [Drosophile
>gi|1036811097|ref|XP_017137101.1| PREDICTED: syntaxin-binding protein 5 isoform X1 [Drosophile
>gi|1036811213|ref|XP_017137107.1| PREDICTED: syntaxin-binding protein 5 isoform X7 [Drosophile
>gi|1036811194|ref|XP_017137106.1| PREDICTED: syntaxin-binding protein 5 isoform X6 [Drosophile
>gi|1036811173|ref|XP_017137105.1| PREDICTED: syntaxin-binding protein 5 isoform X5 [Drosophile
>gi|1036811232|ref|XP 017137108.1| PREDICTED: putative glutathione-specific gamma-glutamylcycle
>gi|1036845029|ref|XP_017138984.1| PREDICTED: uncharacterized protein LOC108153465 [Drosophila
>gi|1036765005|ref|XP 017157146.1| PREDICTED: uncharacterized protein LOC108165585 [Drosophila
>gi|1036766684|ref|XP_017134587.1| PREDICTED: sperm flagellar protein 1 [Drosophila miranda]
>gi|1036825751|ref|XP_017137904.1| PREDICTED: NK1 transcription factor-related protein 2 [Dros
>gi|1036825694|ref|XP_017137900.1| PREDICTED: folylpolyglutamate synthase, mitochondrial [Dros
>gi|1036825713|ref|XP_017137901.1| PREDICTED: folylpolyglutamate synthase, mitochondrial [Dros
>gi|1036825732|ref|XP_017137903.1| PREDICTED: box C/D snoRNA protein 1 [Drosophila miranda]
>gi|1036800658|ref|XP_017136523.1| PREDICTED: uncharacterized protein LOC108152037 isoform X3
>gi|1036800675|ref|XP_017136524.1| PREDICTED: uncharacterized protein LOC108152037 isoform X4
>gi|1036800584|ref|XP_017136519.1| PREDICTED: uncharacterized protein LOC108152037 isoform X1
>gi|1036800603|ref|XP_017136520.1| PREDICTED: uncharacterized protein LOC108152037 isoform X2
>gi|1036800621|ref|XP_017136521.1| PREDICTED: uncharacterized protein LOC108152037 isoform X2
>gi|1036800639|ref|XP_017136522.1| PREDICTED: uncharacterized protein LOC108152037 isoform X2
>gi|1036837275|ref|XP_017138559.1| PREDICTED: ATP-binding cassette sub-family B member 8, mito-
>gi|1036823056|ref|XP 017137756.1| PREDICTED: LIM domain kinase 1 isoform X1 [Drosophila miran
>gi|1036823075|ref|XP_017137757.1| PREDICTED: LIM domain kinase 1 isoform X1 [Drosophila miran-
>gi|1036823094|ref|XP_017137758.1| PREDICTED: LIM domain kinase 1 isoform X2 [Drosophila miran
>gi|1036819003|ref|XP_017137539.1| PREDICTED: interferon regulatory factor 2-binding protein-1
>gi|1036819022|ref|XP_017137540.1| PREDICTED: interferon regulatory factor 2-binding protein-1
>gi|1036833557|ref|XP_017138351.1| PREDICTED: uncharacterized protein LOC108153079 [Drosophila
>gi|1036833576|ref|XP_017138353.1| PREDICTED: larval cuticle protein LCP-17 [Drosophila mirand
>gi|1036837219|ref|XP_017138555.1| PREDICTED: rho GTPase-activating protein gacZ [Drosophila m
>gi|1036849748|ref|XP_017139248.1| PREDICTED: Meckel syndrome type 1 protein [Drosophila miran
>gi|1036765417|ref|XP_017157169.1| PREDICTED: pupal cuticle protein 36 [Drosophila miranda]
>gi|1036831303|ref|XP_017138226.1| PREDICTED: uncharacterized protein LOC108152999 isoform X1
>gi|1036831322|ref|XP_017138227.1| PREDICTED: uncharacterized protein LOC108152999 isoform X2
>gi|1036831338|ref|XP_017138228.1| PREDICTED: uncharacterized protein LOC108152999 isoform X2
>gi|1036832992|ref|XP_017138319.1| PREDICTED: ras-related protein Rab-40C [Drosophila miranda]
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>gi|1036758615|ref|XP_017156788.1| PREDICTED: glycine-rich cell wall structural protein 1.8 [Di
>gi|1036758634|ref|XP_017156789.1| PREDICTED: uncharacterized protein LOC108165264 [Drosophila
>gi|1036837488|ref|XP_017138572.1| PREDICTED: putative protein kinase C delta type homolog iso:
>gi|1036837506|ref|XP_017138573.1| PREDICTED: putative protein kinase C delta type homolog iso
>gi|1036837522|ref|XP 017138574.1| PREDICTED: putative protein kinase C delta type homolog iso
>gi|1036837472|ref|XP_017138571.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1036837454|ref|XP 017138570.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1036764720|ref|XP_017157132.1| PREDICTED: sodium/potassium-transporting ATPase subunit bet
>gi|1036851255|ref|XP_017139337.1| PREDICTED: actin-57B-like [Drosophila miranda]
>gi|1036765890|ref|XP_017134545.1| PREDICTED: ubiquitin-conjugating enzyme E2 D2 [Drosophila m
>gi|1036766155|ref|XP_017134561.1| PREDICTED: protein arginine N-methyltransferase 1-B-like [Di
>gi|1036851579|ref|XP_017139357.1| PREDICTED: 14-3-3 protein epsilon-like [Drosophila miranda]
>gi|1036848183|ref|XP_017139155.1| PREDICTED: midasin-like [Drosophila miranda]
>gi|1036814388|ref|XP_017137278.1| PREDICTED: uncharacterized protein LOC108152443 [Drosophila
>gi|1036764670|ref|XP_017157129.1| PREDICTED: casein kinase I [Drosophila miranda]
>gi|1036758650|ref|XP_017156790.1| PREDICTED: uncharacterized protein LOC108165266 [Drosophila
>gi|1036850217|ref|XP_017139278.1| PREDICTED: uncharacterized protein LOC108153673 isoform X2
>gi|1036850198|ref|XP_017139277.1| PREDICTED: uncharacterized protein LOC108153673 isoform X1
>gi|1036758668|ref|XP_017156791.1| PREDICTED: LOW QUALITY PROTEIN: chromosomal serine/threonin-
>gi|1036784116|ref|XP 017135587.1| PREDICTED: teneurin-a [Drosophila miranda]
>gi|1036784135|ref|XP_017135588.1| PREDICTED: uncharacterized protein LOC108151472 isoform X1
>gi|1036784154|ref|XP 017135589.1| PREDICTED: uncharacterized protein LOC108151472 isoform X2
>gi|1036839595|ref|XP_017138694.1| PREDICTED: cell surface glycoprotein 1 isoform X5 [Drosophi
>gi|1036839577|ref|XP_017138693.1| PREDICTED: cell surface glycoprotein 1 isoform X4 [Drosophi
>gi|1036839558|ref|XP_017138691.1| PREDICTED: cell surface glycoprotein 1 isoform X3 [Drosophi
>gi|1036839611|ref|XP_017138695.1| PREDICTED: cell surface glycoprotein 1 isoform X6 [Drosophi
>gi|1036839540|ref|XP_017138690.1| PREDICTED: cell surface glycoprotein 1 isoform X2 [Drosophi
>gi|1036839521|ref|XP_017138689.1| PREDICTED: cell surface glycoprotein 1 isoform X1 [Drosophi
>gi|1036758687|ref|XP_017156792.1| PREDICTED: ADP-ribosylation factor-like protein 3 [Drosophi
>gi|1036764599|ref|XP_017157125.1| PREDICTED: uncharacterized protein LOC108165561 [Drosophila
>gi|1036842018|ref|XP_017138823.1| PREDICTED: sporozoite surface protein 2 isoform X2 [Drosoph
>gi|1036841804|ref|XP_017138822.1| PREDICTED: proteoglycan 4 isoform X1 [Drosophila miranda]
>gi|1036758706|ref|XP_017156794.1| PREDICTED: protein cutoff-like [Drosophila miranda]
>gi|1036842214|ref|XP_017138835.1| PREDICTED: flightin [Drosophila miranda]
>gi|1036837630|ref|XP 017138581.1| PREDICTED: protein commissureless [Drosophila miranda]
>gi|1036848387|ref|XP_017139167.1| PREDICTED: uncharacterized protein LOC108153597 [Drosophila
>gi|1036848420|ref|XP_017139169.1| PREDICTED: uncharacterized protein LOC108153598 [Drosophila
>gi|1036848434|ref|XP_017139170.1| PREDICTED: uncharacterized protein LOC108153598 [Drosophila
>gi|1036840797|ref|XP_017138761.1| PREDICTED: uncharacterized protein LOC108153336 [Drosophila
>gi|1036767145|ref|XP_017134615.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036765814|ref|XP_017134541.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036768422|ref|XP_017134681.1| PREDICTED: uncharacterized protein LOC108150883 [Drosophila
>gi|1036768703|ref|XP_017134696.1| PREDICTED: uncharacterized protein LOC108150897 [Drosophila
>gi|1036758723|ref|XP_017156795.1| PREDICTED: uncharacterized protein LOC108165271 [Drosophila
>gi|1036758741|ref|XP_017156796.1| PREDICTED: gamete and mating-type specific protein A-like [
>gi|1036805803|ref|XP_017136813.1| PREDICTED: uncharacterized protein LOC108152183 isoform X2
>gi|1036805765|ref|XP_017136811.1| PREDICTED: uncharacterized protein LOC108152183 isoform X1
>gi|1036805784|ref|XP_017136812.1| PREDICTED: uncharacterized protein LOC108152183 isoform X1
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>gi|1036805822|ref|XP_017136814.1| PREDICTED: uncharacterized protein LOC108152183 isoform X3
>gi|1036805746|ref|XP_017136810.1| PREDICTED: zinc finger and BTB domain-containing protein 49
>gi|1036770123|ref|XP_017134776.1| PREDICTED: uncharacterized protein LOC108150953 [Drosophila
>gi|1036768344|ref|XP_017134678.1| PREDICTED: phosducin-like protein [Drosophila miranda]
>gi|1036768153|ref|XP 017134666.1| PREDICTED: uncharacterized protein LOC108150872 isoform X3
>gi|1036768117|ref|XP_017134664.1| PREDICTED: uncharacterized protein LOC108150872 isoform X1
>gi|1036768134|ref|XP 017134665.1| PREDICTED: uncharacterized protein LOC108150872 isoform X2
>gi|1036768172|ref|XP_017134667.1| PREDICTED: rho GTPase-activating protein 20 isoform X4 [Dros
>gi|1036768327|ref|XP_017134676.1| PREDICTED: ubiquitin-conjugating enzyme E2 R2 [Drosophila m
>gi|1036768267|ref|XP_017134673.1| PREDICTED: probable aminoacyl tRNA synthase complex-interac
>gi|1036768246|ref|XP_017134672.1| PREDICTED: probable aminoacyl tRNA synthase complex-interac
>gi|1036768306|ref|XP 017134675.1| PREDICTED: probable aminoacyl tRNA synthase complex-interac
>gi|1036768286|ref|XP_017134674.1| PREDICTED: probable aminoacyl tRNA synthase complex-interac
>gi|1036768189|ref|XP_017134669.1| PREDICTED: U3 small nucleolar RNA-associated protein 14 home
>gi|1036768227|ref|XP_017134671.1| PREDICTED: general transcription factor IIH subunit 4 [Dros
>gi|1036768208|ref|XP 017134670.1| PREDICTED: probable Ufm1-specific protease 2 [Drosophila mi
>gi|1036768098|ref|XP_017134663.1| PREDICTED: microtubule-associated serine/threonine-protein
>gi|1036768078|ref|XP_017134662.1| PREDICTED: microtubule-associated serine/threonine-protein
>gi|1036772210|ref|XP_017134895.1| PREDICTED: DCN1-like protein [Drosophila miranda]
>gi|1036771984|ref|XP 017134882.1| PREDICTED: T-cell immunomodulatory protein [Drosophila mira:
>gi|1036772002|ref|XP_017134883.1| PREDICTED: protein argonaute-2 [Drosophila miranda]
>gi|1036772367|ref|XP 017134903.1| PREDICTED: LOW QUALITY PROTEIN: protein disulfide-isomerase
>gi|1036772406|ref|XP_017134905.1| PREDICTED: LOW QUALITY PROTEIN: protein cutoff-like [Drosop
>gi|1036772040|ref|XP_017134885.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772021|ref|XP_017134884.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772057|ref|XP_017134886.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772075|ref|XP_017134887.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772092|ref|XP_017134888.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772115|ref|XP_017134889.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772134|ref|XP_017134890.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772153|ref|XP_017134891.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036772172|ref|XP_017134892.1| PREDICTED: cyclic AMP response element-binding protein A is
>gi|1036758761|ref|XP 017156797.1| PREDICTED: uncharacterized protein LOC108165274 [Drosophila
>gi|1036772327|ref|XP_017134901.1| PREDICTED: uncharacterized protein LOC108151041 [Drosophila
>gi|1036772306|ref|XP 017134900.1| PREDICTED: uncharacterized protein LOC108151040 [Drosophila
>gi|1036758779|ref|XP_017156799.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036772287|ref|XP 017134899.1| PREDICTED: BAG family molecular chaperone regulator 2 isofo
>gi|1036772230|ref|XP_017134896.1| PREDICTED: BAG family molecular chaperone regulator 2 isofo
>gi|1036772248|ref|XP_017134897.1| PREDICTED: BAG family molecular chaperone regulator 2 isofo
>gi|1036772268|ref|XP_017134898.1| PREDICTED: BAG family molecular chaperone regulator 2 isofo
>gi|1036772193|ref|XP_017134893.1| PREDICTED: uncharacterized protein LOC108151037 [Drosophila
>gi|1036772385|ref|XP_017134904.1| PREDICTED: protein midgut expression 1 [Drosophila miranda]
>gi|1036772341|ref|XP_017134902.1| PREDICTED: uncharacterized protein LOC108151042 [Drosophila
>gi|1036834954|ref|XP_017138421.1| PREDICTED: peptide methionine sulfoxide reductase isoform X
>gi|1036834935|ref|XP_017138420.1| PREDICTED: peptide methionine sulfoxide reductase isoform X
>gi|1036834970|ref|XP_017138422.1| PREDICTED: peptide methionine sulfoxide reductase isoform X
>gi|1036834989|ref|XP_017138423.1| PREDICTED: gonadal protein gdl isoform X1 [Drosophila miran-
>gi|1036835004|ref|XP_017138424.1| PREDICTED: gonadal protein gdl isoform X2 [Drosophila miran
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>gi|1036763476|ref|XP_017157068.1| PREDICTED: protein Z600 [Drosophila miranda]
>gi|1036841769|ref|XP_017138820.1| PREDICTED: uncharacterized protein LOC108153364 [Drosophila
>gi|1036822908|ref|XP_017137747.1| PREDICTED: OTU domain-containing protein 6B [Drosophila mire
>gi|1036822925|ref|XP_017137748.1| PREDICTED: sugar transporter SWEET1 [Drosophila miranda]
>gi|1036822889|ref|XP 017137746.1| PREDICTED: DDB1- and CUL4-associated factor 13 [Drosophila |
>gi|1036835719|ref|XP_017138466.1| PREDICTED: uncharacterized protein LOC108153172 [Drosophila
>gi|1036835738|ref|XP_017138468.1| PREDICTED: mpv17-like protein isoform X1 [Drosophila mirand
>gi|1036835756|ref|XP_017138469.1| PREDICTED: mpv17-like protein isoform X2 [Drosophila mirand
>gi|1036835776|ref|XP_017138470.1| PREDICTED: mpv17-like protein isoform X2 [Drosophila mirand
>gi|1036829575|ref|XP_017138124.1| PREDICTED: protein toll [Drosophila miranda]
>gi|1036823723|ref|XP_017137793.1| PREDICTED: cationic amino acid transporter 2 isoform X2 [Dref|XP_017137793.1]
>gi|1036823665|ref|XP 017137790.1| PREDICTED: high affinity cationic amino acid transporter 1
>gi|1036823683|ref|XP_017137791.1| PREDICTED: high affinity cationic amino acid transporter 1
>gi|1036823704|ref|XP_017137792.1| PREDICTED: high affinity cationic amino acid transporter 1
>gi|1036823740|ref|XP_017137794.1| PREDICTED: bestrophin-2 [Drosophila miranda]
>gi|1036852454|ref|XP 017139412.1| PREDICTED: bestrophin-4 [Drosophila miranda]
>gi|1036813967|ref|XP_017137253.1| PREDICTED: protein toll [Drosophila miranda]
>gi|1036782493|ref|XP 017135490.1| PREDICTED: endoplasmic reticulum-Golgi intermediate comparts
>gi|1036782507|ref|XP_017135491.1| PREDICTED: reactive oxygen species modulator 1 [Drosophila i
>gi|1036782455|ref|XP 017135488.1| PREDICTED: U4/U6 small nuclear ribonucleoprotein Prp31 [Dro
>gi|1036782379|ref|XP_017135484.1| PREDICTED: probable DNA mismatch repair protein Msh6 [Droso
>gi|1036782397|ref|XP_017135485.1| PREDICTED: glycoprotein 3-alpha-L-fucosyltransferase A [Drop
>gi|1036782419|ref|XP_017135486.1| PREDICTED: glycoprotein 3-alpha-L-fucosyltransferase A [Dros
>gi|1036782437|ref|XP_017135487.1| PREDICTED: glycoprotein 3-alpha-L-fucosyltransferase A [Dros
>gi|1036782474|ref|XP_017135489.1| PREDICTED: peroxisomal biogenesis factor 3 [Drosophila mirat
>gi|1036815904|ref|XP_017137361.1| PREDICTED: pyroglutamyl-peptidase 1 [Drosophila miranda]
>gi|1036815923|ref|XP 017137362.1| PREDICTED: uncharacterized protein LOC108152498 [Drosophila
>gi|1036815883|ref|XP_017137360.1| PREDICTED: protein disulfide-isomerase [Drosophila miranda]
>gi|1036790178|ref|XP_017135932.1| PREDICTED: uncharacterized protein DDB_G0284459 isoform X1
>gi|1036790197|ref|XP_017135933.1| PREDICTED: uncharacterized protein DDB_G0284459 isoform X2
>gi|1036790215|ref|XP_017135934.1| PREDICTED: uncharacterized protein DDB_G0284459 isoform X2
>gi|1036790236|ref|XP_017135935.1| PREDICTED: uncharacterized protein DDB_G0284459 isoform X2
>gi|1036790159|ref|XP 017135931.1| PREDICTED: centrosomal protein of 135 kDa isoform X4 [Droso
>gi|1036790064|ref|XP_017135926.1| PREDICTED: uncharacterized protein LOC108151691 isoform X1
>gi|1036790083|ref|XP 017135927.1| PREDICTED: uncharacterized protein LOC108151691 isoform X2
>gi|1036790140|ref|XP_017135930.1| PREDICTED: centrosomal protein of 135 kDa isoform X3 [Droso
>gi|1036790121|ref|XP_017135929.1| PREDICTED: centrosomal protein of 135 kDa isoform X2 [Droso
>gi|1036790102|ref|XP_017135928.1| PREDICTED: centrosomal protein of 135 kDa isoform X1 [Droso
>gi|1036790252|ref|XP_017135936.1| PREDICTED: uncharacterized protein LOC108151695 isoform X1
>gi|1036790269|ref|XP_017135937.1| PREDICTED: uncharacterized protein LOC108151695 isoform X2
>gi|1036852144|ref|XP_017139393.1| PREDICTED: uncharacterized protein LOC108153765 [Drosophila
>gi|1036813503|ref|XP_017137226.1| PREDICTED: CTP synthase isoform X1 [Drosophila miranda]
>gi|1036813557|ref|XP 017137229.1| PREDICTED: CTP synthase isoform X3 [Drosophila miranda]
>gi|1036813522|ref|XP_017137227.1| PREDICTED: uncharacterized protein LOC108152422 isoform X2
>gi|1036813537|ref|XP_017137228.1| PREDICTED: uncharacterized protein LOC108152422 isoform X2
>gi|1036813597|ref|XP_017137231.1| PREDICTED: uncharacterized protein LOC108152423 isoform X2
>gi|1036813578|ref|XP_017137230.1| PREDICTED: uncharacterized protein LOC108152423 isoform X1
>gi|1036833393|ref|XP_017138343.1| PREDICTED: glycine--tRNA ligase [Drosophila miranda]
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>gi|1036777693|ref|XP_017135206.1| PREDICTED: putative uncharacterized protein DDB_G0271606 [D:
>gi|1036777453|ref|XP_017135192.1| PREDICTED: A-kinase anchor protein 9 isoform X2 [Drosophila
>gi|1036777509|ref|XP_017135196.1| PREDICTED: golgin subfamily A member 4 isoform X5 [Drosophi
>gi|1036777528|ref|XP_017135197.1| PREDICTED: golgin subfamily A member 4 isoform X6 [Drosophi
>gi|1036777566|ref|XP 017135199.1| PREDICTED: pericentrin isoform X8 [Drosophila miranda]
>gi|1036777472|ref|XP_017135193.1| PREDICTED: A-kinase anchor protein 9 isoform X3 [Drosophila
>gi|1036777547|ref|XP_017135198.1| PREDICTED: golgin subfamily A member 4 isoform X7 [Drosophi
>gi|1036777582|ref|XP_017135200.1| PREDICTED: pericentrin isoform X9 [Drosophila miranda]
>gi|1036777601|ref|XP_017135201.1| PREDICTED: pericentrin isoform X10 [Drosophila miranda]
>gi|1036777620|ref|XP_017135202.1| PREDICTED: golgin subfamily A member 4 isoform X11 [Drosoph
>gi|1036777434|ref|XP_017135191.1| PREDICTED: A-kinase anchor protein 9 isoform X1 [Drosophila
>gi|1036777490|ref|XP_017135195.1| PREDICTED: A-kinase anchor protein 9 isoform X4 [Drosophila
>gi|1036777637|ref|XP_017135203.1| PREDICTED: A-kinase anchor protein 9 isoform X12 [Drosophile
>gi|1036777786|ref|XP_017135212.1| PREDICTED: putative odorant receptor 71a [Drosophila mirand
>gi|1036777656|ref|XP_017135204.1| PREDICTED: pericentrin isoform X13 [Drosophila miranda]
>gi|1036777675|ref|XP_017135205.1| PREDICTED: trichohyalin isoform X14 [Drosophila miranda]
>gi|1036777824|ref|XP_017135214.1| PREDICTED: uncharacterized protein LOC108151228 [Drosophila
>gi|1036777842|ref|XP_017135215.1| PREDICTED: uncharacterized protein LOC108151229 [Drosophila
>gi|1036777905|ref|XP_017135219.1| PREDICTED: prostatic spermine-binding protein [Drosophila m
>gi|1036777870|ref|XP 017135218.1| PREDICTED: probable DNA-directed RNA polymerase subunit del
>gi|1036777857|ref|XP_017135216.1| PREDICTED: uncharacterized protein LOC108151230 [Drosophila
>gi|1036777767|ref|XP 017135211.1| PREDICTED: synaptotagmin-5 isoform X2 [Drosophila miranda]
>gi|1036777805|ref|XP_017135213.1| PREDICTED: GS homeobox 1 [Drosophila miranda]
>gi|1036777710|ref|XP_017135207.1| PREDICTED: synaptotagmin-3 isoform X1 [Drosophila miranda]
>gi|1036777729|ref|XP_017135208.1| PREDICTED: synaptotagmin-3 isoform X1 [Drosophila miranda]
>gi|1036777748|ref|XP_017135210.1| PREDICTED: synaptotagmin-3 isoform X1 [Drosophila miranda]
>gi|1036765796|ref|XP_017134540.1| PREDICTED: uncharacterized protein LOC108150757 [Drosophila
>gi|1036829999|ref|XP_017138148.1| PREDICTED: reversion-inducing cysteine-rich protein with Ka
>gi|1036830018|ref|XP_017138149.1| PREDICTED: reversion-inducing cysteine-rich protein with Ka
>gi|1036830037|ref|XP_017138150.1| PREDICTED: proteasome subunit beta type-7 [Drosophila miran
>gi|1036833027|ref|XP_017138321.1| PREDICTED: 39S ribosomal protein L39, mitochondrial [Drosop
>gi|1036833010|ref|XP_017138320.1| PREDICTED: zinc transporter ZIP10 [Drosophila miranda]
>gi|1036821311|ref|XP_017137658.1| PREDICTED: Y+L amino acid transporter 2 [Drosophila miranda]
>gi|1036821330|ref|XP_017137659.1| PREDICTED: Y+L amino acid transporter 2 [Drosophila miranda]
>gi|1036821349|ref|XP 017137660.1| PREDICTED: angio-associated migratory cell protein [Drosoph
>gi|1036848860|ref|XP_017139195.1| PREDICTED: uncharacterized protein LOC108153608 isoform X2
>gi|1036848841|ref|XP 017139194.1| PREDICTED: uncharacterized protein LOC108153608 isoform X1
>gi|1036763155|ref|XP_017157052.1| PREDICTED: enhancer of split malpha protein [Drosophila mire
>gi|1036763331|ref|XP_017157059.1| PREDICTED: uncharacterized protein LOC108165514 [Drosophila
>gi|1036846698|ref|XP_017139073.1| PREDICTED: enhancer of split malpha protein [Drosophila mire
>gi|1036850162|ref|XP_017139274.1| PREDICTED: uridine phosphorylase 1-like [Drosophila miranda]
>gi|1036763315|ref|XP_017157058.1| PREDICTED: uncharacterized protein LOC108165513 [Drosophila
>gi|1036758797|ref|XP_017156800.1| PREDICTED: uncharacterized protein LOC108165276 [Drosophila
>gi|1036849104|ref|XP_017139209.1| PREDICTED: echinoderm microtubule-associated protein-like C
>gi|1036767087|ref|XP_017134612.1| PREDICTED: uncharacterized protein LOC108150817 isoform X1
>gi|1036767108|ref|XP_017134613.1| PREDICTED: uncharacterized protein LOC108150817 isoform X2
>gi|1036830096|ref|XP_017138154.1| PREDICTED: Ig-like and fibronectin type-III domain-containing
>gi|1036812414|ref|XP_017137171.1| PREDICTED: uncharacterized protein LOC108152385 [Drosophila
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>gi|1036812336|ref|XP_017137166.1| PREDICTED: probable helicase with zinc finger domain [Droso
>gi|1036812359|ref|XP_017137167.1| PREDICTED: probable helicase with zinc finger domain [Droso
>gi|1036812376|ref|XP_017137168.1| PREDICTED: probable helicase with zinc finger domain [Droso
>gi|1036812395|ref|XP_017137169.1| PREDICTED: probable helicase with zinc finger domain [Droso
>gi|1036838573|ref|XP_017138637.1| PREDICTED: H/ACA ribonucleoprotein complex subunit 2-like p
>gi|1036833046|ref|XP_017138322.1| PREDICTED: tudor domain-containing protein 3 [Drosophila mi
>gi|1036827923|ref|XP_017138033.1| PREDICTED: patatin-like phospholipase domain-containing pro-
>gi|1036811742|ref|XP_017137134.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 2
>gi|1036825053|ref|XP_017137867.1| PREDICTED: alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylg
>gi|1036825071|ref|XP_017137868.1| PREDICTED: alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylg
>gi|1036825088|ref|XP_017137870.1| PREDICTED: alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylg
>gi|1036825107|ref|XP 017137871.1| PREDICTED: alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylg
>gi|1036774850|ref|XP_017135049.1| PREDICTED: uncharacterized protein LOC108151135 [Drosophila
>gi|1036774781|ref|XP_017135044.1| PREDICTED: transcription factor GAGA isoform X4 [Drosophila
>gi|1036774727|ref|XP_017135042.1| PREDICTED: transcription factor GAGA isoform X2 [Drosophila
>gi|1036774762|ref|XP_017135043.1| PREDICTED: transcription factor GAGA isoform X3 [Drosophila
>gi|1036774708|ref|XP_017135041.1| PREDICTED: transcription factor GAGA isoform X1 [Drosophila
>gi|1036774816|ref|XP_017135046.1| PREDICTED: protein roadkill [Drosophila miranda]
>gi|1036774632|ref|XP_017135037.1| PREDICTED: venom dipeptidyl peptidase 4 isoform X1 [Drosoph
>gi|1036774651|ref|XP_017135038.1| PREDICTED: venom dipeptidyl peptidase 4 isoform X2 [Drosoph
>gi|1036774670|ref|XP_017135039.1| PREDICTED: venom dipeptidyl peptidase 4 isoform X3 [Drosoph
>gi|1036774903|ref|XP 017135052.1| PREDICTED: thioredoxin-2 [Drosophila miranda]
>gi|1036774885|ref|XP_017135051.1| PREDICTED: uncharacterized protein LOC108151137 [Drosophila
>gi|1036774689|ref|XP_017135040.1| PREDICTED: myosin heavy chain, striated muscle [Drosophila i
>gi|1036774922|ref|XP_017135053.1| PREDICTED: uncharacterized protein LOC108151139 [Drosophila
>gi|1036774868|ref|XP_017135050.1| PREDICTED: uncharacterized protein LOC108151136 [Drosophila
>gi|1036774943|ref|XP_017135054.1| PREDICTED: uncharacterized protein LOC108151140 [Drosophila
>gi|1036774834|ref|XP_017135048.1| PREDICTED: protein PIH1D3 [Drosophila miranda]
>gi|1036774799|ref|XP_017135045.1| PREDICTED: venom protease [Drosophila miranda]
>gi|1036815942|ref|XP_017137363.1| PREDICTED: glypican-4 [Drosophila miranda]
>gi|1036834338|ref|XP_017138384.1| PREDICTED: polycystic kidney disease 2-like 2 protein [Dros
>gi|1036834375|ref|XP_017138386.1| PREDICTED: nucleoside-triphosphatase THEP1 [Drosophila mirated
>gi|1036834356|ref|XP_017138385.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC5 [Drawn of the content of the conten
>gi|1036835252|ref|XP_017138439.1| PREDICTED: methyltransferase-like protein 22 [Drosophila mi
>gi|1036835236|ref|XP 017138437.1| PREDICTED: decaprenyl-diphosphate synthase subunit 2 [Droso
>gi|1036801320|ref|XP_017136561.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036801339|ref|XP 017136562.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036801358|ref|XP_017136563.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036801377|ref|XP_017136565.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036764686|ref|XP_017157130.1| PREDICTED: uncharacterized protein LOC108165567 [Drosophila
>gi|1036851440|ref|XP_017139348.1| PREDICTED: uncharacterized protein LOC108153730 [Drosophila
>gi|1036843488|ref|XP_017138907.1| PREDICTED: uncharacterized protein LOC108153417 isoform X1
>gi|1036843507|ref|XP_017138908.1| PREDICTED: uncharacterized protein LOC108153417 isoform X2
>gi|1036843526|ref|XP_017138909.1| PREDICTED: uncharacterized protein LOC108153417 isoform X3
>gi|1036843471|ref|XP_017138906.1| PREDICTED: uncharacterized protein LOC108153416 [Drosophila
>gi|1036843545|ref|XP_017138910.1| PREDICTED: trypsin alpha-3 [Drosophila miranda]
>gi|1036840814|ref|XP_017138762.1| PREDICTED: fringe glycosyltransferase [Drosophila miranda]
>gi|1036840831|ref|XP_017138763.1| PREDICTED: uncharacterized protein LOC108153339 [Drosophila
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>gi|1036758816|ref|XP_017156801.1| PREDICTED: uncharacterized protein LOC108165277 [Drosophila
>gi|1036830224|ref|XP_017138163.1| PREDICTED: uncharacterized protein LOC108152966 isoform X1
>gi|1036830241|ref|XP_017138164.1| PREDICTED: uncharacterized protein LOC108152966 isoform X2
>gi|1036830316|ref|XP_017138168.1| PREDICTED: proteasome subunit alpha type-1-like [Drosophila
>gi|1036830260|ref|XP_017138165.1| PREDICTED: zinc finger protein 48 isoform X1 [Drosophila mi
>gi|1036830279|ref|XP_017138166.1| PREDICTED: zinc finger protein 48 isoform X1 [Drosophila mi
>gi|1036830298|ref|XP_017138167.1| PREDICTED: zinc finger protein 48 isoform X2 [Drosophila mi
>gi|1036840407|ref|XP_017138739.1| PREDICTED: transcriptional protein SWT1 isoform X1 [Drosoph
>gi|1036840423|ref|XP_017138740.1| PREDICTED: transcriptional protein SWT1 isoform X2 [Drosoph
>gi|1036798087|ref|XP_017136377.1| PREDICTED: ADP-ribosylation factor 1-like isoform X2 [Droso
>gi|1036798068|ref|XP_017136376.1| PREDICTED: ADP-ribosylation factor 1-like isoform X1 [Droso
>gi|1036798105|ref|XP_017136378.1| PREDICTED: ADP-ribosylation factor 1-like isoform X1 [Droso
>gi|1036797978|ref|XP_017136371.1| PREDICTED: COP9 signalosome complex subunit 3 isoform X1 [D:
>gi|1036797997|ref|XP_017136372.1| PREDICTED: COP9 signalosome complex subunit 3 isoform X2 [Di
>gi|1036798161|ref|XP_017136381.1| PREDICTED: uncharacterized protein LOC108151954 [Drosophila
>gi|1036798052|ref|XP_017136375.1| PREDICTED: uncharacterized protein LOC108151949 [Drosophila
>gi|1036798014|ref|XP_017136373.1| PREDICTED: cAMP-dependent protein kinase type I regulatory
>gi|1036798033|ref|XP_017136374.1| PREDICTED: cAMP-dependent protein kinase type I regulatory
>gi|1036798143|ref|XP_017136380.1| PREDICTED: uncharacterized protein LOC108151953 [Drosophila
>gi|1036798124|ref|XP 017136379.1| PREDICTED: uncharacterized protein LOC108151952 [Drosophila
>gi|1036797960|ref|XP_017136370.1| PREDICTED: uncharacterized protein LOC108151946 [Drosophila
>gi|1036800529|ref|XP 017136514.1| PREDICTED: neurofilament heavy polypeptide isoform X2 [Dros
>gi|1036800510|ref|XP_017136513.1| PREDICTED: uncharacterized protein LOC108152034 isoform X1
>gi|1036800565|ref|XP_017136518.1| PREDICTED: protein ST7 homolog [Drosophila miranda]
>gi|1036800548|ref|XP_017136515.1| PREDICTED: uncharacterized protein LOC108152035 [Drosophila
>gi|1036806686|ref|XP_017136858.1| PREDICTED: translocation protein SEC63 homolog [Drosophila 1
>gi|1036806723|ref|XP_017136860.1| PREDICTED: neurofilament medium polypeptide isoform X2 [Dros
>gi|1036806704|ref|XP_017136859.1| PREDICTED: methyl-CpG-binding domain-containing protein 10
>gi|1036811459|ref|XP_017137118.1| PREDICTED: akirin [Drosophila miranda]
>gi|1036811478|ref|XP_017137120.1| PREDICTED: sphingomyelin synthase-related 1 [Drosophila mire
>gi|1036822326|ref|XP_017137714.1| PREDICTED: nuclear valosin-containing protein-like isoform
>gi|1036822345|ref|XP_017137715.1| PREDICTED: nuclear valosin-containing protein-like isoform
>gi|1036822364|ref|XP 017137716.1| PREDICTED: nuclear valosin-containing protein-like isoform
>gi|1036822383|ref|XP_017137717.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036851560|ref|XP 017139356.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036764838|ref|XP_017157139.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036764003|ref|XP_017157099.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036851726|ref|XP_017139366.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036850303|ref|XP_017139281.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036831754|ref|XP_017138250.1| PREDICTED: ras-related protein Rac2 [Drosophila miranda]
>gi|1036831716|ref|XP_017138248.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036831735|ref|XP_017138249.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036766702|ref|XP_017134589.1| PREDICTED: pickpocket protein 28 [Drosophila miranda]
>gi|1036766270|ref|XP_017134563.1| PREDICTED: protein late bloomer isoform X1 [Drosophila mirated
>gi|1036766289|ref|XP_017134564.1| PREDICTED: protein late bloomer isoform X2 [Drosophila mirated]
>gi|1036766308|ref|XP_017134565.1| PREDICTED: protein late bloomer isoform X3 [Drosophila mirated
>gi|1036769646|ref|XP_017134752.1| PREDICTED: cuticle protein 76 [Drosophila miranda]
>gi|1036768775|ref|XP_017134700.1| PREDICTED: cuticle protein 16.5 [Drosophila miranda]
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>gi|1036768517|ref|XP_017134686.1| PREDICTED: uncharacterized protein LOC108150888 isoform X1
>gi|1036768536|ref|XP_017134687.1| PREDICTED: uncharacterized protein LOC108150888 isoform X2
>gi|1036768558|ref|XP_017134688.1| PREDICTED: uncharacterized protein LOC108150888 isoform X3
>gi|1036787543|ref|XP_017135780.1| PREDICTED: probable cytochrome P450 316a1 [Drosophila miran-
>gi|1036787505|ref|XP 017135778.1| PREDICTED: cytochrome P450 4d8 isoform X1 [Drosophila miran
>gi|1036787524|ref|XP_017135779.1| PREDICTED: cytochrome P450 4d8 isoform X2 [Drosophila miran-
>gi|1036787559|ref|XP 017135781.1| PREDICTED: carboxypeptidase B [Drosophila miranda]
>gi|1036758835|ref|XP_017156802.1| PREDICTED: zinc carboxypeptidase-like [Drosophila miranda]
>gi|1036787577|ref|XP_017135782.1| PREDICTED: cuticle protein LPCP-23 [Drosophila miranda]
>gi|1036787372|ref|XP_017135770.1| PREDICTED: large proline-rich protein BAG6 isoform X1 [Dros
>gi|1036787391|ref|XP_017135772.1| PREDICTED: large proline-rich protein BAG6 isoform X1 [Dros
>gi|1036787410|ref|XP_017135773.1| PREDICTED: large proline-rich protein BAG6 isoform X1 [Dros
>gi|1036787446|ref|XP_017135775.1| PREDICTED: large proline-rich protein BAG6 isoform X3 [Dros
>gi|1036787429|ref|XP_017135774.1| PREDICTED: large proline-rich protein BAG6 isoform X2 [Dros
>gi|1036787467|ref|XP_017135776.1| PREDICTED: large proline-rich protein BAG6 isoform X4 [Dros
>gi|1036787486|ref|XP_017135777.1| PREDICTED: insulin-like growth factor-binding protein comple
>gi|1036814640|ref|XP_017137292.1| PREDICTED: epsin-1 isoform X1 [Drosophila miranda]
>gi|1036814661|ref|XP 017137293.1| PREDICTED: epsin-1 isoform X1 [Drosophila miranda]
>gi|1036814698|ref|XP_017137295.1| PREDICTED: epsin-1 isoform X3 [Drosophila miranda]
>gi|1036814717|ref|XP 017137296.1| PREDICTED: epsin-1 isoform X4 [Drosophila miranda]
>gi|1036814736|ref|XP_017137297.1| PREDICTED: epsin-1 isoform X5 [Drosophila miranda]
>gi|1036814680|ref|XP 017137294.1| PREDICTED: epsin-1 isoform X2 [Drosophila miranda]
>gi|1036764616|ref|XP_017157126.1| PREDICTED: trypsin [Drosophila miranda]
>gi|1036758851|ref|XP_017156803.1| PREDICTED: trypsin beta-like [Drosophila miranda]
>gi|1036758870|ref|XP_017156804.1| PREDICTED: proteoglycan 4 [Drosophila miranda]
>gi|1036846846|ref|XP_017139081.1| PREDICTED: WD repeat-containing protein 63 [Drosophila mirated
>gi|1036850818|ref|XP_017139311.1| PREDICTED: gamma-tubulin complex component 2 homolog [Droso
>gi|1036814926|ref|XP_017137308.1| PREDICTED: uncharacterized protein LOC108152455 [Drosophila
>gi|1036814850|ref|XP_017137304.1| PREDICTED: uncharacterized protein LOC108152453 isoform X1
>gi|1036814888|ref|XP_017137306.1| PREDICTED: protein late bloomer-like isoform X1 [Drosophila
>gi|1036814907|ref|XP_017137307.1| PREDICTED: uncharacterized protein LOC108152454 isoform X2
>gi|1036814869|ref|XP_017137305.1| PREDICTED: pleckstrin homology domain-containing family G m
>gi|1036814966|ref|XP_017137309.1| PREDICTED: ubiquitin-related modifier 1 homolog [Drosophila
>gi|1036836279|ref|XP_017138500.1| PREDICTED: uncharacterized protein LOC108153193 [Drosophila
>gi|1036836298|ref|XP 017138501.1| PREDICTED: transmembrane protein 70 homolog, mitochondrial
>gi|1036758889|ref|XP_017156805.1| PREDICTED: peptidoglycan-recognition protein SD [Drosophila
>gi|1036836598|ref|XP 017138520.1| PREDICTED: uncharacterized protein LOC108153209 [Drosophila
>gi|1036798880|ref|XP_017136422.1| PREDICTED: ankyrin-3 isoform X5 [Drosophila miranda]
>gi|1036798842|ref|XP_017136420.1| PREDICTED: ankyrin-2 isoform X3 [Drosophila miranda]
>gi|1036798823|ref|XP_017136419.1| PREDICTED: ankyrin-2 isoform X2 [Drosophila miranda]
>gi|1036798787|ref|XP_017136417.1| PREDICTED: ankyrin-2 isoform X1 [Drosophila miranda]
>gi|1036798804|ref|XP_017136418.1| PREDICTED: ankyrin-2 isoform X1 [Drosophila miranda]
>gi|1036798961|ref|XP_017136427.1| PREDICTED: ankyrin-2 isoform X9 [Drosophila miranda]
>gi|1036798941|ref|XP_017136426.1| PREDICTED: ankyrin-2 isoform X8 [Drosophila miranda]
>gi|1036798998|ref|XP_017136429.1| PREDICTED: ankyrin-2 isoform X11 [Drosophila miranda]
>gi|1036798979|ref|XP_017136428.1| PREDICTED: ankyrin-2 isoform X10 [Drosophila miranda]
>gi|1036798922|ref|XP_017136425.1| PREDICTED: ankyrin-2 isoform X7 [Drosophila miranda]
>gi|1036798861|ref|XP_017136421.1| PREDICTED: ankyrin-2 isoform X4 [Drosophila miranda]
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>gi|1036799016|ref|XP_017136430.1| PREDICTED: uncharacterized protein LOC108151976 [Drosophila
>gi|1036798899|ref|XP_017136423.1| PREDICTED: ankyrin-3 isoform X6 [Drosophila miranda]
>gi|1036794192|ref|XP_017136157.1| PREDICTED: probable medium-chain specific acyl-CoA dehydrog
>gi|1036794140|ref|XP_017136154.1| PREDICTED: tonsoku-like protein [Drosophila miranda]
>gi|1036794156|ref|XP_017136155.1| PREDICTED: zinc finger RNA-binding protein isoform X1 [Dros
>gi|1036794174|ref|XP_017136156.1| PREDICTED: zinc finger RNA-binding protein isoform X2 [Dros
>gi|1036819780|ref|XP_017137580.1| PREDICTED: integrator complex subunit 9 [Drosophila miranda
>gi|1036819761|ref|XP_017137579.1| PREDICTED: isoleucine--tRNA ligase, mitochondrial [Drosophi
>gi|1036849676|ref|XP_017139244.1| PREDICTED: ATP synthase subunit beta, mitochondrial [Drosop
>gi|1036778461|ref|XP_017135254.1| PREDICTED: uncharacterized protein LOC108151250 [Drosophila
>gi|1036778443|ref|XP_017135253.1| PREDICTED: H(+)/Cl(-) exchange transporter 3 [Drosophila mi
>gi|1036778479|ref|XP_017135255.1| PREDICTED: threonine aspartase 1 [Drosophila miranda]
>gi|1036778497|ref|XP_017135257.1| PREDICTED: uncharacterized protein LOC108151252 [Drosophila
>gi|1036778423|ref|XP_017135252.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778388|ref|XP_017135250.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778367|ref|XP_017135249.1| PREDICTED: protein phosphatase 1 regulatory subunit 12A iso
>gi|1036778405|ref|XP_017135251.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778348|ref|XP_017135248.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778183|ref|XP_017135238.1| PREDICTED: protein phosphatase 1 regulatory subunit 12A iso
>gi|1036778166|ref|XP_017135237.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778311|ref|XP_017135246.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778255|ref|XP_017135243.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778236|ref|XP_017135241.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778217|ref|XP_017135240.1| PREDICTED: protein phosphatase 1 regulatory subunit 12A iso
>gi|1036778200|ref|XP_017135239.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778274|ref|XP_017135244.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778149|ref|XP_017135236.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778293|ref|XP_017135245.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036778329|ref|XP_017135247.1| PREDICTED: protein phosphatase 1 regulatory subunit 12B iso
>gi|1036813691|ref|XP_017137237.1| PREDICTED: death-associated inhibitor of apoptosis 1 isoform
>gi|1036813616|ref|XP_017137232.1| PREDICTED: death-associated inhibitor of apoptosis 1 isoform
>gi|1036813635|ref|XP_017137233.1| PREDICTED: death-associated inhibitor of apoptosis 1 isoform
>gi|1036813653|ref|XP 017137234.1| PREDICTED: death-associated inhibitor of apoptosis 1 isoform
>gi|1036813672|ref|XP_017137236.1| PREDICTED: death-associated inhibitor of apoptosis 1 isoform
>gi|1036830115|ref|XP 017138155.1| PREDICTED: uncharacterized protein LOC108152963 [Drosophila
>gi|1036830170|ref|XP_017138159.1| PREDICTED: uncharacterized protein LOC108152965 isoform X1
>gi|1036830205|ref|XP_017138162.1| PREDICTED: uncharacterized protein LOC108152965 isoform X3
>gi|1036830187|ref|XP_017138160.1| PREDICTED: uncharacterized protein LOC108152965 isoform X2
>gi|1036830133|ref|XP_017138157.1| PREDICTED: uncharacterized protein LOC108152964 [Drosophila
>gi|1036830152|ref|XP_017138158.1| PREDICTED: uncharacterized protein LOC108152964 [Drosophila
>gi|1036824294|ref|XP_017137825.1| PREDICTED: uncharacterized protein LOC108152764 isoform X1
>gi|1036824313|ref|XP_017137827.1| PREDICTED: putative dipeptidase CPC735_014430 isoform X2 [Di
>gi|1036824452|ref|XP_017137836.1| PREDICTED: mpv17-like protein 2 isoform X1 [Drosophila mirated
>gi|1036824469|ref|XP_017137837.1| PREDICTED: mpv17-like protein 2 isoform X2 [Drosophila mirate
>gi|1036824415|ref|XP_017137833.1| PREDICTED: uncharacterized protein LOC108152769 isoform X1
>gi|1036824434|ref|XP_017137835.1| PREDICTED: uncharacterized protein LOC108152769 isoform X2
>gi|1036824379|ref|XP_017137831.1| PREDICTED: uncharacterized protein LOC108152767 [Drosophila
>gi|1036824396|ref|XP_017137832.1| PREDICTED: peritrophin-44 [Drosophila miranda]
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>gi|1036824362|ref|XP_017137830.1| PREDICTED: succinate dehydrogenase [ubiquinone] flavoprotei:
>gi|1036824329|ref|XP_017137828.1| PREDICTED: T-related protein isoform X1 [Drosophila miranda]
>gi|1036824346|ref|XP_017137829.1| PREDICTED: T-related protein isoform X2 [Drosophila miranda]
>gi|1036851218|ref|XP_017139335.1| PREDICTED: endonuclease G, mitochondrial [Drosophila mirand
>gi|1036849544|ref|XP_017139236.1| PREDICTED: 26S protease regulatory subunit 10B [Drosophila i
>gi|1036849561|ref|XP_017139237.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036771620|ref|XP 017134861.1| PREDICTED: chondroitin proteoglycan 1 [Drosophila miranda]
>gi|1036771637|ref|XP_017134862.1| PREDICTED: chondroitin proteoglycan 2 [Drosophila miranda]
>gi|1036771748|ref|XP_017134868.1| PREDICTED: chondroitin proteoglycan 2 [Drosophila miranda]
>gi|1036771565|ref|XP_017134857.1| PREDICTED: uncharacterized protein LOC108151010 isoform X1
>gi|1036771601|ref|XP_017134860.1| PREDICTED: uncharacterized protein LOC108151010 isoform X3
>gi|1036771584|ref|XP_017134858.1| PREDICTED: uncharacterized protein LOC108151010 isoform X2
>gi|1036771767|ref|XP_017134869.1| PREDICTED: uncharacterized protein LOC108151021 [Drosophila
>gi|1036758905|ref|XP_017156806.1| PREDICTED: uncharacterized protein LOC108165282 [Drosophila
>gi|1036771471|ref|XP_017134852.1| PREDICTED: glutenin, high molecular weight subunit DX5 isof
>gi|1036771452|ref|XP_017134851.1| PREDICTED: uncharacterized PE-PGRS family protein PE_PGRS54
>gi|1036771545|ref|XP_017134856.1| PREDICTED: flocculation protein FLO11 isoform X3 [Drosophile
>gi|1036771508|ref|XP_017134854.1| PREDICTED: flocculation protein FLO11 isoform X1 [Drosophile
>gi|1036771526|ref|XP_017134855.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036771821|ref|XP_017134873.1| PREDICTED: peritrophin-1-like [Drosophila miranda]
>gi|1036771802|ref|XP_017134872.1| PREDICTED: integumentary mucin B.1-like [Drosophila miranda]
>gi|1036771269|ref|XP 017134840.1| PREDICTED: uncharacterized protein LOC108151001 [Drosophila
>gi|1036771489|ref|XP_017134853.1| PREDICTED: anoctamin-4 [Drosophila miranda]
>gi|1036771729|ref|XP_017134867.1| PREDICTED: tubulin polyglutamylase complex subunit 2 [Droso
>gi|1036771786|ref|XP_017134871.1| PREDICTED: viral IAP-associated factor homolog [Drosophila i
>gi|1036771435|ref|XP_017134850.1| PREDICTED: uncharacterized protein LOC108151005 [Drosophila
>gi|1036771872|ref|XP_017134875.1| PREDICTED: cAMP-regulated phosphoprotein 19 [Drosophila mire
>gi|1036771287|ref|XP_017134841.1| PREDICTED: tuberin [Drosophila miranda]
>gi|1036771710|ref|XP_017134866.1| PREDICTED: uncharacterized protein LOC108151016 [Drosophila
>gi|1036771656|ref|XP_017134863.1| PREDICTED: ketohexokinase [Drosophila miranda]
>gi|1036771692|ref|XP_017134865.1| PREDICTED: ketohexokinase [Drosophila miranda]
>gi|1036771400|ref|XP_017134848.1| PREDICTED: uncharacterized protein LOC108151004 isoform X4
>gi|1036771342|ref|XP 017134844.1| PREDICTED: uncharacterized protein LOC108151004 isoform X3
>gi|1036771361|ref|XP_017134845.1| PREDICTED: uncharacterized protein LOC108151004 isoform X3
>gi|1036771380|ref|XP 017134847.1| PREDICTED: uncharacterized protein LOC108151004 isoform X3
>gi|1036771323|ref|XP_017134843.1| PREDICTED: uncharacterized protein LOC108151004 isoform X2
>gi|1036771304|ref|XP_017134842.1| PREDICTED: uncharacterized protein LOC108151004 isoform X1
>gi|1036771418|ref|XP_017134849.1| PREDICTED: uncharacterized protein LOC108151004 isoform X5
>gi|1036771840|ref|XP_017134874.1| PREDICTED: uncharacterized protein LOC108151025 [Drosophila
>gi|1036771891|ref|XP_017134876.1| PREDICTED: uncharacterized protein LOC108151027 [Drosophila
>gi|1036771674|ref|XP_017134864.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
>gi|1036764876|ref|XP_017157141.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036849232|ref|XP_017139216.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036850651|ref|XP_017139302.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036765507|ref|XP_017157175.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036764281|ref|XP_017157112.1| PREDICTED: peritrophin-44 isoform X2 [Drosophila miranda]
>gi|1036764261|ref|XP_017157111.1| PREDICTED: peritrophin-44 isoform X1 [Drosophila miranda]
>gi|1036764965|ref|XP_017157144.1| PREDICTED: peritrophin-44 [Drosophila miranda]
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>gi|1036824848|ref|XP_017137857.1| PREDICTED: peritrophin-44 [Drosophila miranda]
>gi|1036824808|ref|XP_017137855.1| PREDICTED: possible lysine-specific histone demethylase 1 [
>gi|1036824829|ref|XP_017137856.1| PREDICTED: possible lysine-specific histone demethylase 1 [
>gi|1036800896|ref|XP_017136536.1| PREDICTED: uncharacterized protein LOC108152044 [Drosophila
>gi|1036800861|ref|XP_017136534.1| PREDICTED: neurogenic protein mastermind isoform X3 [Drosop
>gi|1036800842|ref|XP_017136533.1| PREDICTED: neurogenic protein mastermind isoform X2 [Drosop
>gi|1036800804|ref|XP_017136531.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop.
>gi|1036800823|ref|XP_017136532.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036800880|ref|XP_017136535.1| PREDICTED: myb-like protein Q isoform X4 [Drosophila mirand
>gi|1036800936|ref|XP_017136538.1| PREDICTED: probable deoxycytidylate deaminase [Drosophila m
>gi|1036800917|ref|XP_017136537.1| PREDICTED: clathrin light chain [Drosophila miranda]
>gi|1036758923|ref|XP 017156807.1| PREDICTED: spore coat protein SP96-like [Drosophila miranda
>gi|1036845837|ref|XP_017139023.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845800|ref|XP_017139021.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845818|ref|XP_017139022.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845856|ref|XP_017139024.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845875|ref|XP_017139025.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845892|ref|XP_017139027.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036845911|ref|XP_017139028.1| PREDICTED: serine/threonine-protein phosphatase rdgC isoform
>gi|1036786846|ref|XP_017135742.1| PREDICTED: uncharacterized protein LOC108151577 [Drosophila
>gi|1036786864|ref|XP_017135743.1| PREDICTED: uncharacterized protein C9orf117 homolog [Drosop
>gi|1036786917|ref|XP_017135746.1| PREDICTED: protein FRG1 homolog [Drosophila miranda]
>gi|1036786827|ref|XP_017135741.1| PREDICTED: tectonin beta-propeller repeat-containing protein
>gi|1036786932|ref|XP_017135747.1| PREDICTED: DCN1-like protein 5 isoform X1 [Drosophila miran
>gi|1036786968|ref|XP_017135749.1| PREDICTED: DCN1-like protein 5 isoform X1 [Drosophila miran
>gi|1036786901|ref|XP_017135745.1| PREDICTED: lysosome-associated membrane glycoprotein 5 isof
>gi|1036786883|ref|XP_017135744.1| PREDICTED: lysosome-associated membrane glycoprotein 5 isof
>gi|1036786987|ref|XP_017135750.1| PREDICTED: DCN1-like protein 4 isoform X2 [Drosophila miran-
>gi|1036788166|ref|XP_017135816.1| PREDICTED: alpha-soluble NSF attachment protein [Drosophila
>gi|1036788111|ref|XP_017135813.1| PREDICTED: leukocyte elastase inhibitor [Drosophila miranda]
>gi|1036788094|ref|XP_017135812.1| PREDICTED: retinoblastoma-binding protein 5 homolog [Drosop
>gi|1036788130|ref|XP_017135814.1| PREDICTED: eukaryotic peptide chain release factor subunit
>gi|1036788148|ref|XP_017135815.1| PREDICTED: eukaryotic peptide chain release factor subunit
>gi|1036788075|ref|XP_017135811.1| PREDICTED: cysteine sulfinic acid decarboxylase [Drosophila
>gi|1036822962|ref|XP 017137750.1| PREDICTED: DNA/RNA-binding protein KIN17 [Drosophila mirand
>gi|1036822981|ref|XP_017137751.1| PREDICTED: LOW QUALITY PROTEIN: vitellogenin-3 [Drosophila 1
>gi|1036822944|ref|XP_017137749.1| PREDICTED: DNA primase large subunit [Drosophila miranda]
>gi|1036832401|ref|XP_017138284.1| PREDICTED: toll-like receptor 1 isoform X4 [Drosophila mirated]
>gi|1036832361|ref|XP_017138282.1| PREDICTED: toll-like receptor 1 isoform X2 [Drosophila mirates
>gi|1036832382|ref|XP_017138283.1| PREDICTED: toll-like receptor 1 isoform X3 [Drosophila mirates
>gi|1036832342|ref|XP_017138280.1| PREDICTED: toll-like receptor 1 isoform X1 [Drosophila mirates
>gi|1036832419|ref|XP_017138285.1| PREDICTED: protein inturned [Drosophila miranda]
>gi|1036832456|ref|XP_017138288.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036832438|ref|XP_017138287.1| PREDICTED: brachyurin [Drosophila miranda]
>gi|1036846436|ref|XP_017139057.1| PREDICTED: serine protease 3 [Drosophila miranda]
>gi|1036810377|ref|XP_017137060.1| PREDICTED: cyclin-T [Drosophila miranda]
>gi|1036828764|ref|XP_017138079.1| PREDICTED: ecdysone-induced protein 74EF isoform X2 [Drosop
>gi|1036828745|ref|XP_017138078.1| PREDICTED: ecdysone-induced protein 74EF isoform X1 [Drosop
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>gi|1036828781|ref|XP_017138080.1| PREDICTED: rho GTPase-activating protein gacII-like [Drosop
>gi|1036845048|ref|XP_017138985.1| PREDICTED: charged multivesicular body protein 5 [Drosophile
>gi|1036802166|ref|XP_017136610.1| PREDICTED: uncharacterized protein LOC108152084 isoform X1
>gi|1036802185|ref|XP_017136611.1| PREDICTED: AF4/FMR2 family member 4 isoform X2 [Drosophila i
>gi|1036802242|ref|XP_017136614.1| PREDICTED: protein melted isoform X2 [Drosophila miranda]
>gi|1036802204|ref|XP_017136612.1| PREDICTED: protein melted isoform X1 [Drosophila miranda]
>gi|1036802223|ref|XP 017136613.1| PREDICTED: protein melted isoform X1 [Drosophila miranda]
>gi|1036802263|ref|XP_017136616.1| PREDICTED: acyl-CoA-binding protein homolog [Drosophila mire
>gi|1036765957|ref|XP_017134549.1| PREDICTED: acyl-CoA-binding protein-like [Drosophila mirand
>gi|1036849714|ref|XP_017139246.1| PREDICTED: acyl-CoA-binding protein [Drosophila miranda]
>gi|1036849731|ref|XP_017139247.1| PREDICTED: acyl-CoA-binding protein homolog [Drosophila mire
>gi|1036849695|ref|XP 017139245.1| PREDICTED: Bardet-Biedl syndrome 1 protein [Drosophila mirat
>gi|1036825035|ref|XP_017137866.1| PREDICTED: protein male-specific lethal-3 [Drosophila miran-
>gi|1036825020|ref|XP_017137865.1| PREDICTED: FH2 domain-containing protein 1 [Drosophila mirated]
>gi|1036758939|ref|XP_017156808.1| PREDICTED: uncharacterized protein LOC108165284 [Drosophila
>gi|1036768403|ref|XP_017134679.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036767849|ref|XP_017134649.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036767870|ref|XP_017134650.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036848986|ref|XP_017139202.1| PREDICTED: uncharacterized protein LOC108153615 isoform X1
>gi|1036849005|ref|XP 017139203.1| PREDICTED: uncharacterized protein LOC108153615 isoform X2
>gi|1036849045|ref|XP_017139205.1| PREDICTED: uncharacterized protein LOC108153616 isoform X2
>gi|1036849024|ref|XP 017139204.1| PREDICTED: uncharacterized protein LOC108153616 isoform X1
>gi|1036848967|ref|XP_017139201.1| PREDICTED: GTP-binding protein Rhes [Drosophila miranda]
>gi|1036838898|ref|XP_017138661.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X9 [Drosop:
>gi|1036838861|ref|XP_017138658.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X7 [Drosop
>gi|1036838880|ref|XP_017138659.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X8 [Drosop
>gi|1036838842|ref|XP_017138657.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X6 [Drosop
>gi|1036838823|ref|XP_017138656.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X5 [Drosop
>gi|1036838806|ref|XP_017138655.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X4 [Drosop
>gi|1036838787|ref|XP_017138654.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X3 [Drosop
>gi|1036838768|ref|XP_017138653.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X2 [Drosop
>gi|1036838730|ref|XP_017138651.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X1 [Drosop
>gi|1036838749|ref|XP_017138652.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X1 [Drosop
>gi|1036838971|ref|XP_017138665.1| PREDICTED: collagen alpha-1(XV) chain isoform X13 [Drosophi
>gi|1036838953|ref|XP_017138664.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X12 [Droso
>gi|1036838934|ref|XP_017138663.1| PREDICTED: collagen alpha-1(XV) chain isoform X11 [Drosophi
>gi|1036838915|ref|XP_017138662.1| PREDICTED: collagen alpha-1(XVIII) chain isoform X10 [Droso
>gi|1036838990|ref|XP_017138666.1| PREDICTED: uncharacterized protein LOC108153289 [Drosophila
>gi|1036812163|ref|XP_017137156.1| PREDICTED: differentially expressed in FDCP 8 homolog [Dros
>gi|1036812123|ref|XP_017137154.1| PREDICTED: protein KRI1 homolog [Drosophila miranda]
>gi|1036812142|ref|XP_017137155.1| PREDICTED: protein KRI1 homolog [Drosophila miranda]
>gi|1036812201|ref|XP_017137159.1| PREDICTED: autophagy protein 12-like [Drosophila miranda]
>gi|1036812182|ref|XP_017137158.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1036774472|ref|XP_017135027.1| PREDICTED: rho GTPase-activating protein 68F isoform X1 [Dref|XP_017135027.1]
>gi|1036774491|ref|XP_017135028.1| PREDICTED: rho GTPase-activating protein 68F isoform X1 [Dropout National Content of the Co
>gi|1036774510|ref|XP_017135029.1| PREDICTED: rho GTPase-activating protein 68F isoform X2 [Dref
>gi|1036774432|ref|XP_017135025.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036774340|ref|XP_017135019.1| PREDICTED: neurexin-4 isoform X3 [Drosophila miranda]
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>gi|1036774359|ref|XP_017135020.1| PREDICTED: neurexin-4 isoform X4 [Drosophila miranda]
>gi|1036774302|ref|XP_017135017.1| PREDICTED: neurexin-4 isoform X1 [Drosophila miranda]
>gi|1036774321|ref|XP_017135018.1| PREDICTED: neurexin-4 isoform X2 [Drosophila miranda]
>gi|1036774565|ref|XP_017135033.1| PREDICTED: L-aminoadipate-semialdehyde dehydrogenase-phosph
>gi|1036774597|ref|XP 017135036.1| PREDICTED: uncharacterized protein LOC108151126 [Drosophila
>gi|1036774451|ref|XP_017135026.1| PREDICTED: opsin, ultraviolet-sensitive [Drosophila miranda]
>gi|1036774547|ref|XP 017135032.1| PREDICTED: carbonic anhydrase 2 [Drosophila miranda]
>gi|1036774583|ref|XP_017135034.1| PREDICTED: inositol oxygenase [Drosophila miranda]
>gi|1036774414|ref|XP_017135024.1| PREDICTED: esterase-5C [Drosophila miranda]
>gi|1036774397|ref|XP_017135022.1| PREDICTED: esterase-5B [Drosophila miranda]
>gi|1036774378|ref|XP_017135021.1| PREDICTED: esterase-5A isoform X5 [Drosophila miranda]
>gi|1036774529|ref|XP_017135030.1| PREDICTED: THO complex subunit 6 [Drosophila miranda]
>gi|1036851872|ref|XP_017139375.1| PREDICTED: brachyurin [Drosophila miranda]
>gi|1036827881|ref|XP_017138030.1| PREDICTED: adenylate kinase isoenzyme 1-like isoform X2 [Dreath of the content of the conte
>gi|1036827863|ref|XP_017138029.1| PREDICTED: adenylate kinase isoenzyme 1-like isoform X1 [Dreath of the content of the conte
>gi|1036827904|ref|XP_017138032.1| PREDICTED: adenylate kinase isoenzyme 1-like [Drosophila mi
>gi|1036827768|ref|XP_017138023.1| PREDICTED: uncharacterized protein LOC108152894 [Drosophila
>gi|1036827787|ref|XP_017138024.1| PREDICTED: uncharacterized protein LOC108152894 [Drosophila
>gi|1036827806|ref|XP_017138025.1| PREDICTED: uncharacterized protein LOC108152894 [Drosophila
>gi|1036827825|ref|XP 017138027.1| PREDICTED: uncharacterized protein LOC108152894 [Drosophila
>gi|1036827844|ref|XP_017138028.1| PREDICTED: uncharacterized protein LOC108152894 [Drosophila
>gi|1036804750|ref|XP_017136753.1| PREDICTED: probable protein S-acyltransferase 4 [Drosophila
>gi|1036804768|ref|XP_017136754.1| PREDICTED: dnaJ protein ERDJ2A-like [Drosophila miranda]
>gi|1036830663|ref|XP_017138189.1| PREDICTED: uncharacterized protein LOC108152974 [Drosophila
>gi|1036830684|ref|XP_017138190.1| PREDICTED: delta-aminolevulinic acid dehydratase [Drosophile
>gi|1036824752|ref|XP_017137853.1| PREDICTED: spermine synthase isoform X1 [Drosophila miranda]
>gi|1036824771|ref|XP_017137854.1| PREDICTED: spermine synthase isoform X2 [Drosophila miranda]
>gi|1036840223|ref|XP_017138729.1| PREDICTED: 72 kDa inositol polyphosphate 5-phosphatase [Dros
>gi|1036764987|ref|XP_017157145.1| PREDICTED: LIM homeobox transcription factor 1-beta [Drosop
>gi|1036849511|ref|XP_017139233.1| PREDICTED: LIM homeobox transcription factor 1-beta [Drosop
>gi|1036842423|ref|XP_017138844.1| PREDICTED: uncharacterized protein LOC108153383 [Drosophila
>gi|1036842441|ref|XP_017138845.1| PREDICTED: uncharacterized protein LOC108153383 [Drosophila
>gi|1036819818|ref|XP 017137582.1| PREDICTED: calcium-transporting ATPase type 2C member 1 iso
>gi|1036819892|ref|XP_017137585.1| PREDICTED: calcium-transporting ATPase type 2C member 1 iso
>gi|1036819873|ref|XP 017137584.1| PREDICTED: calcium-transporting ATPase type 2C member 1 iso
>gi|1036819911|ref|XP_017137586.1| PREDICTED: calcium-transporting ATPase type 2C member 1 iso
>gi|1036827671|ref|XP 017138017.1| PREDICTED: ras-GEF domain-containing family member 1B-B [Dref|XP 017138017.1]
>gi|1036841699|ref|XP_017138815.1| PREDICTED: growth arrest and DNA damage-inducible proteins-
>gi|1036841685|ref|XP_017138814.1| PREDICTED: uncharacterized protein LOC108153359 [Drosophila
>gi|1036842894|ref|XP_017138872.1| PREDICTED: neuropeptides capa receptor isoform X1 [Drosophi
>gi|1036842913|ref|XP_017138873.1| PREDICTED: neuropeptides capa receptor isoform X1 [Drosophi
>gi|1036842950|ref|XP_017138876.1| PREDICTED: neuropeptides capa receptor isoform X3 [Drosophi
>gi|1036842931|ref|XP_017138875.1| PREDICTED: neuropeptides capa receptor isoform X2 [Drosophi
>gi|1036851128|ref|XP_017139329.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036817942|ref|XP_017137479.1| PREDICTED: hemicentin-1 isoform X7 [Drosophila miranda]
>gi|1036817965|ref|XP_017137480.1| PREDICTED: uncharacterized protein LOC108152559 isoform X8
>gi|1036817923|ref|XP_017137478.1| PREDICTED: hemicentin-1 isoform X6 [Drosophila miranda]
>gi|1036817906|ref|XP_017137477.1| PREDICTED: uncharacterized protein LOC108152559 isoform X5
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>gi|1036817871|ref|XP_017137475.1| PREDICTED: uncharacterized protein LOC108152559 isoform X3
>gi|1036817855|ref|XP_017137473.1| PREDICTED: uncharacterized protein LOC108152559 isoform X2
>gi|1036817840|ref|XP_017137472.1| PREDICTED: uncharacterized protein LOC108152559 isoform X1
>gi|1036817888|ref|XP_017137476.1| PREDICTED: uncharacterized protein LOC108152559 isoform X4
>gi|1036758957|ref|XP 017156809.1| PREDICTED: muscle M-line assembly protein unc-89-like [Dros-
>gi|1036817984|ref|XP_017137481.1| PREDICTED: uncharacterized protein LOC108152560 [Drosophila
>gi|1036827432|ref|XP 017138003.1| PREDICTED: uncharacterized protein LOC108152881 [Drosophila
>gi|1036851309|ref|XP_017139340.1| PREDICTED: cathepsin L1 [Drosophila miranda]
>gi|1036846093|ref|XP_017139038.1| PREDICTED: uncharacterized protein LOC108153498 [Drosophila
>gi|1036767596|ref|XP_017134638.1| PREDICTED: uncharacterized protein LOC108150840 [Drosophila
>gi|1036782830|ref|XP_017135511.1| PREDICTED: cationic amino acid transporter 3 isoform X1 [Dref|XP_017135511.1]
>gi|1036782849|ref|XP 017135512.1| PREDICTED: cationic amino acid transporter 3 isoform X2 [Dro
>gi|1036782867|ref|XP_017135513.1| PREDICTED: cationic amino acid transporter 3 isoform X2 [Dr
>gi|1036782884|ref|XP_017135514.1| PREDICTED: cationic amino acid transporter 3 isoform X2 [Drefine and tran
>gi|1036782902|ref|XP_017135515.1| PREDICTED: general transcription factor IIH subunit 2 [Dros
>gi|1036782795|ref|XP_017135509.1| PREDICTED: uncharacterized protein LOC108151428 [Drosophila
>gi|1036782813|ref|XP_017135510.1| PREDICTED: uncharacterized protein LOC108151428 [Drosophila
>gi|1036782921|ref|XP_017135516.1| PREDICTED: putative methyltransferase NSUN6 [Drosophila mire
>gi|1036782938|ref|XP_017135517.1| PREDICTED: ADP-ribosylation factor 1 [Drosophila miranda]
>gi|1036782957|ref|XP 017135518.1| PREDICTED: ADP-ribosylation factor 1 [Drosophila miranda]
>gi|1036831611|ref|XP_017138243.1| PREDICTED: ER membrane protein complex subunit 4 [Drosophile
>gi|1036831648|ref|XP 017138246.1| PREDICTED: uncharacterized protein LOC108153010 isoform X2
>gi|1036831629|ref|XP_017138245.1| PREDICTED: uncharacterized protein LOC108153010 isoform X1
>gi|1036831667|ref|XP_017138247.1| PREDICTED: single-pass membrane and coiled-coil domain-cont
>gi|1036766868|ref|XP_017134598.1| PREDICTED: uncharacterized protein LOC108150806 [Drosophila
>gi|1036758975|ref|XP_017156810.1| PREDICTED: oleosin-B6 [Drosophila miranda]
>gi|1036850074|ref|XP_017139269.1| PREDICTED: aspartic and glutamic acid-rich protein [Drosoph
>gi|1036850093|ref|XP_017139270.1| PREDICTED: uncharacterized protein LOC108153667 [Drosophila
>gi|1036824174|ref|XP_017137819.1| PREDICTED: myeloid zinc finger 1 isoform X1 [Drosophila mire
>gi|1036824195|ref|XP_017137820.1| PREDICTED: myeloid zinc finger 1 isoform X2 [Drosophila mire
>gi|1036824214|ref|XP_017137821.1| PREDICTED: myeloid zinc finger 1 isoform X3 [Drosophila mire
>gi|1036824237|ref|XP_017137822.1| PREDICTED: myeloid zinc finger 1 isoform X4 [Drosophila mire
>gi|1036824256|ref|XP 017137823.1| PREDICTED: zinc finger protein 768 isoform X5 [Drosophila m
>gi|1036824275|ref|XP_017137824.1| PREDICTED: uncharacterized protein LOC108152763 [Drosophila
>gi|1036763048|ref|XP 017157049.1| PREDICTED: U6 snRNA-associated Sm-like protein LSm2 [Drosop
>gi|1036846165|ref|XP_017139042.1| PREDICTED: gonadotropin-releasing hormone receptor [Drosoph
>gi|1036831227|ref|XP 017138221.1| PREDICTED: bumetanide-sensitive sodium-(potassium)-chloride
>gi|1036831208|ref|XP_017138220.1| PREDICTED: bumetanide-sensitive sodium-(potassium)-chloride
>gi|1036831172|ref|XP_017138218.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dr
>gi|1036831191|ref|XP_017138219.1| PREDICTED: solute carrier family 12 member 2 isoform X1 [Dr
>gi|1036817463|ref|XP_017137450.1| PREDICTED: RNA polymerase II-associated protein 1 [Drosophi
>gi|1036817519|ref|XP_017137454.1| PREDICTED: general odorant-binding protein 69a [Drosophila 1
>gi|1036817481|ref|XP_017137452.1| PREDICTED: SET and MYND domain-containing protein 4 [Drosop
>gi|1036817501|ref|XP_017137453.1| PREDICTED: SET and MYND domain-containing protein 4 [Drosop
>gi|1036826387|ref|XP_017137941.1| PREDICTED: calcium-binding mitochondrial carrier protein SC
>gi|1036826406|ref|XP_017137942.1| PREDICTED: calcium-binding mitochondrial carrier protein SC
>gi|1036826424|ref|XP_017137943.1| PREDICTED: probable calcium-binding mitochondrial carrier C
>gi|1036826442|ref|XP_017137944.1| PREDICTED: probable calcium-binding mitochondrial carrier C
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>gi|1036836023|ref|XP_017138485.1| PREDICTED: ADP-ribosylation factor GTPase-activating protein
>gi|1036836004|ref|XP_017138484.1| PREDICTED: ADP-ribosylation factor GTPase-activating protein
>gi|1036847661|ref|XP_017139127.1| PREDICTED: paired box protein Pax-6 isoform X1 [Drosophila in the content of the content of
>gi|1036847680|ref|XP_017139128.1| PREDICTED: paired box protein Pax-1 isoform X2 [Drosophila is
>gi|1036846398|ref|XP 017139055.1| PREDICTED: paired box protein Pax-6 [Drosophila miranda]
>gi|1036768499|ref|XP_017134685.1| PREDICTED: cuticle protein 38-like [Drosophila miranda]
>gi|1036768575|ref|XP 017134689.1| PREDICTED: uncharacterized protein LOC108150890 [Drosophila
>gi|1036766481|ref|XP_017134577.1| PREDICTED: uncharacterized protein LOC108150787 [Drosophila
>gi|1036828127|ref|XP_017138043.1| PREDICTED: protein odr-4 homolog [Drosophila miranda]
>gi|1036828091|ref|XP_017138040.1| PREDICTED: uncharacterized protein LOC108152905 [Drosophila
>gi|1036828110|ref|XP_017138041.1| PREDICTED: uncharacterized protein LOC108152905 [Drosophila
>gi|1036847085|ref|XP_017139095.1| PREDICTED: uncharacterized protein LOC108153540 isoform X1
>gi|1036847104|ref|XP_017139096.1| PREDICTED: uncharacterized protein LOC108153540 isoform X2
>gi|1036848931|ref|XP_017139199.1| PREDICTED: clavesin-1 [Drosophila miranda]
>gi|1036780551|ref|XP_017135379.1| PREDICTED: 1,5-anhydro-D-fructose reductase isoform X2 [Drop
>gi|1036780532|ref|XP_017135378.1| PREDICTED: 1,5-anhydro-D-fructose reductase isoform X1 [Dros
>gi|1036780570|ref|XP_017135380.1| PREDICTED: aldose reductase isoform X3 [Drosophila miranda]
>gi|1036780589|ref|XP_017135381.1| PREDICTED: kxDL motif-containing protein CG10681 isoform X1
>gi|1036780607|ref|XP_017135383.1| PREDICTED: kxDL motif-containing protein CG10681 isoform X2
>gi|1036780514|ref|XP 017135377.1| PREDICTED: protein TSSC1 [Drosophila miranda]
>gi|1036780625|ref|XP_017135384.1| PREDICTED: ubiquitin-conjugating enzyme E2 C [Drosophila mi
>gi|1036780498|ref|XP 017135376.1| PREDICTED: zinc finger protein 771 [Drosophila miranda]
>gi|1036780479|ref|XP_017135375.1| PREDICTED: citron Rho-interacting kinase isoform X2 [Drosop
>gi|1036780461|ref|XP_017135374.1| PREDICTED: citron Rho-interacting kinase isoform X1 [Drosop
>gi|1036781203|ref|XP_017135419.1| PREDICTED: protein LSM14 homolog B-A isoform X1 [Drosophila
>gi|1036781222|ref|XP_017135420.1| PREDICTED: protein LSM14 homolog B-A isoform X2 [Drosophila
>gi|1036781184|ref|XP_017135418.1| PREDICTED: histone acetyltransferase KAT2A [Drosophila mirated
>gi|1036781278|ref|XP_017135423.1| PREDICTED: uncharacterized protein LOC108151372 [Drosophila
>gi|1036781259|ref|XP_017135422.1| PREDICTED: eukaryotic translation initiation factor 2 subun
>gi|1036781240|ref|XP_017135421.1| PREDICTED: phosphoacetylglucosamine mutase [Drosophila mirated]
>gi|1036785067|ref|XP_017135642.1| PREDICTED: melanotransferrin [Drosophila miranda]
>gi|1036785159|ref|XP_017135647.1| PREDICTED: uncharacterized protein LOC108151514 [Drosophila
>gi|1036785141|ref|XP_017135646.1| PREDICTED: probable phosphomannomutase [Drosophila miranda]
>gi|1036785084|ref|XP_017135643.1| PREDICTED: kelch domain-containing protein 4 [Drosophila mi
>gi|1036785103|ref|XP 017135644.1| PREDICTED: uncharacterized protein LOC108151510 [Drosophila
>gi|1036785122|ref|XP_017135645.1| PREDICTED: ankyrin repeat domain-containing protein SOWAHA-
>gi|1036843319|ref|XP_017138896.1| PREDICTED: homeobox protein araucan [Drosophila miranda]
>gi|1036837311|ref|XP_017138561.1| PREDICTED: homeobox protein caupolican [Drosophila miranda]
>gi|1036832127|ref|XP_017138271.1| PREDICTED: homeobox protein caupolican [Drosophila miranda]
>gi|1036834640|ref|XP_017138403.1| PREDICTED: protein ABHD18 [Drosophila miranda]
>gi|1036812315|ref|XP_017137165.1| PREDICTED: tyrosine-protein phosphatase 69D [Drosophila mire
>gi|1036796922|ref|XP_017136311.1| PREDICTED: uncharacterized protein LOC108151911 [Drosophila
>gi|1036796937|ref|XP_017136312.1| PREDICTED: probable small nuclear ribonucleoprotein Sm D1 [
>gi|1036796871|ref|XP_017136308.1| PREDICTED: kinesin light chain [Drosophila miranda]
>gi|1036796888|ref|XP_017136309.1| PREDICTED: kinesin light chain [Drosophila miranda]
>gi|1036796855|ref|XP_017136307.1| PREDICTED: ankyrin repeat domain-containing protein 11 [Dros
>gi|1036796905|ref|XP_017136310.1| PREDICTED: hsp70 nucleotide exchange factor fes1 [Drosophile
>gi|1036781387|ref|XP_017135430.1| PREDICTED: vacuolar protein sorting-associated protein 13D
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>gi|1036781425|ref|XP_017135432.1| PREDICTED: huntingtin-interacting protein 1 isoform X2 [Dros
>gi|1036781406|ref|XP_017135431.1| PREDICTED: huntingtin-interacting protein 1 isoform X1 [Drop
>gi|1036758994|ref|XP_017156811.1| PREDICTED: ATP-binding cassette sub-family A member 17-like
>gi|1036759010|ref|XP_017156812.1| PREDICTED: uncharacterized protein LOC108165288 [Drosophila
>gi|1036759029|ref|XP 017156813.1| PREDICTED: protein SDA1 homolog [Drosophila miranda]
>gi|1036828835|ref|XP_017138082.1| PREDICTED: calcium channel flower isoform X1 [Drosophila mi
>gi|1036828853|ref|XP 017138083.1| PREDICTED: calcium channel flower isoform X2 [Drosophila mi
>gi|1036799054|ref|XP_017136432.1| PREDICTED: zinc finger protein 140 [Drosophila miranda]
>gi|1036799035|ref|XP_017136431.1| PREDICTED: mRNA-decapping enzyme subunit 2 [Drosophila mirated
>gi|1036825673|ref|XP_017137899.1| PREDICTED: kelch-like protein diablo [Drosophila miranda]
>gi|1036834122|ref|XP_017138375.1| PREDICTED: uncharacterized protein C15orf41 homolog [Drosop
>gi|1036834138|ref|XP_017138376.1| PREDICTED: zinc finger protein 706-like [Drosophila miranda]
>gi|1036834157|ref|XP_017138377.1| PREDICTED: zinc finger protein 706-like [Drosophila miranda]
>gi|1036847586|ref|XP_017139122.1| PREDICTED: uncharacterized protein LOC108153561 isoform X1
>gi|1036847605|ref|XP_017139123.1| PREDICTED: uncharacterized protein LOC108153561 isoform X1
>gi|1036847622|ref|XP_017139124.1| PREDICTED: uncharacterized protein LOC108153561 isoform X2
>gi|1036840742|ref|XP_017138758.1| PREDICTED: uncharacterized protein LOC108153334 isoform X11
>gi|1036840704|ref|XP_017138756.1| PREDICTED: uncharacterized protein LOC108153334 isoform X9
>gi|1036840614|ref|XP_017138750.1| PREDICTED: uncharacterized protein LOC108153334 isoform X4
>gi|1036840668|ref|XP 017138754.1| PREDICTED: uncharacterized protein LOC108153334 isoform X7
>gi|1036840723|ref|XP_017138757.1| PREDICTED: uncharacterized protein LOC108153334 isoform X10
>gi|1036840649|ref|XP 017138753.1| PREDICTED: uncharacterized protein LOC108153334 isoform X6
>gi|1036840481|ref|XP_017138743.1| PREDICTED: uncharacterized protein LOC108153334 isoform X2
>gi|1036840779|ref|XP_017138760.1| PREDICTED: gamma-aminobutyric acid receptor subunit alpha-3
>gi|1036840687|ref|XP_017138755.1| PREDICTED: uncharacterized protein LOC108153334 isoform X8
>gi|1036840760|ref|XP_017138759.1| PREDICTED: gamma-aminobutyric acid receptor subunit alpha-3
>gi|1036840633|ref|XP_017138752.1| PREDICTED: uncharacterized protein LOC108153334 isoform X5
>gi|1036840595|ref|XP_017138749.1| PREDICTED: uncharacterized protein LOC108153334 isoform X3
>gi|1036840444|ref|XP_017138741.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840462|ref|XP_017138742.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840500|ref|XP_017138744.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840517|ref|XP_017138745.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840536|ref|XP_017138746.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840557|ref|XP_017138747.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036840576|ref|XP 017138748.1| PREDICTED: uncharacterized protein LOC108153334 isoform X1
>gi|1036844916|ref|XP_017138978.1| PREDICTED: serine/threonine-protein kinase BRSK2 isoform X6
>gi|1036844879|ref|XP_017138976.1| PREDICTED: serine/threonine-protein kinase BRSK2 isoform X4
>gi|1036844897|ref|XP_017138977.1| PREDICTED: serine/threonine-protein kinase BRSK2 isoform X5
>gi|1036844858|ref|XP_017138975.1| PREDICTED: serine/threonine-protein kinase BRSK1 isoform X3
>gi|1036844837|ref|XP_017138974.1| PREDICTED: serine/threonine-protein kinase BRSK2 isoform X2
>gi|1036844784|ref|XP_017138971.1| PREDICTED: serine/threonine-protein kinase BRSK1 isoform X1
>gi|1036844803|ref|XP_017138972.1| PREDICTED: serine/threonine-protein kinase BRSK1 isoform X1
>gi|1036844819|ref|XP_017138973.1| PREDICTED: serine/threonine-protein kinase BRSK1 isoform X1
>gi|1036845067|ref|XP_017138986.1| PREDICTED: protein kinase DC2 isoform X1 [Drosophila mirand
>gi|1036845082|ref|XP_017138987.1| PREDICTED: protein kinase DC2 isoform X1 [Drosophila mirand
>gi|1036845099|ref|XP_017138988.1| PREDICTED: protein kinase DC2 isoform X2 [Drosophila mirand
>gi|1036845390|ref|XP_017139006.1| PREDICTED: group XIIA secretory phospholipase A2 [Drosophile
>gi|1036835833|ref|XP_017138473.1| PREDICTED: E3 ubiquitin-protein ligase NRDP1 [Drosophila mi
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>gi|1036835852|ref|XP_017138474.1| PREDICTED: uncharacterized protein LOC108153177 [Drosophila
>gi|1036799217|ref|XP_017136442.1| PREDICTED: putative U5 small nuclear ribonucleoprotein 200
>gi|1036797300|ref|XP_017136333.1| PREDICTED: chromosomal serine/threonine-protein kinase JIL-
>gi|1036797319|ref|XP_017136334.1| PREDICTED: chromosomal serine/threonine-protein kinase JIL-
>gi|1036834679|ref|XP 017138405.1| PREDICTED: iodotyrosine deiodinase 1-like [Drosophila miran
>gi|1036834661|ref|XP_017138404.1| PREDICTED: uncharacterized protein LOC108153126 [Drosophila
>gi|1036834714|ref|XP 017138407.1| PREDICTED: uncharacterized protein LOC108153129 [Drosophila
>gi|1036834696|ref|XP_017138406.1| PREDICTED: CCAAT/enhancer-binding protein gamma [Drosophila
>gi|1036841595|ref|XP_017138809.1| PREDICTED: nedd8-activating enzyme E1 regulatory subunit [Di
>gi|1036759048|ref|XP_017156814.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1036813031|ref|XP_017137198.1| PREDICTED: uncharacterized protein LOC108152406 [Drosophila
>gi|1036813052|ref|XP_017137199.1| PREDICTED: uncharacterized protein LOC108152406 [Drosophila
>gi|1036813072|ref|XP_017137200.1| PREDICTED: uncharacterized protein LOC108152406 [Drosophila
>gi|1036812791|ref|XP_017137187.1| PREDICTED: adenosine deaminase CECR1 [Drosophila miranda]
>gi|1036812810|ref|XP_017137188.1| PREDICTED: adenosine deaminase CECR1-A [Drosophila miranda]
>gi|1036812829|ref|XP_017137189.1| PREDICTED: adenosine deaminase CECR1-A [Drosophila miranda]
>gi|1036812848|ref|XP_017137190.1| PREDICTED: adenosine deaminase CECR1-A [Drosophila miranda]
>gi|1036812867|ref|XP 017137191.1| PREDICTED: adenosine deaminase CECR1-A [Drosophila miranda]
>gi|1036812884|ref|XP_017137193.1| PREDICTED: adenosine deaminase CECR1 [Drosophila miranda]
>gi|1036812901|ref|XP 017137194.1| PREDICTED: basic-leucine zipper transcription factor A [Dro.
>gi|1036812918|ref|XP_017137195.1| PREDICTED: basic-leucine zipper transcription factor A [Dros
>gi|1036813012|ref|XP_017137197.1| PREDICTED: spermine oxidase-like [Drosophila miranda]
>gi|1036812937|ref|XP_017137196.1| PREDICTED: peroxisomal N(1)-acetyl-spermine/spermidine oxide
>gi|1036850379|ref|XP_017139285.1| PREDICTED: uncharacterized protein LOC108153680 [Drosophila
>gi|1036823821|ref|XP_017137799.1| PREDICTED: nuclear transcription factor Y subunit beta [Dros
>gi|1036847217|ref|XP_017139102.1| PREDICTED: 15 kDa selenoprotein [Drosophila miranda]
>gi|1036783551|ref|XP_017135555.1| PREDICTED: protein spitz [Drosophila miranda]
>gi|1036783570|ref|XP_017135556.1| PREDICTED: protein spitz [Drosophila miranda]
>gi|1036783591|ref|XP_017135557.1| PREDICTED: protein spitz [Drosophila miranda]
>gi|1036783513|ref|XP_017135553.1| PREDICTED: NEDD4 family-interacting protein 1 [Drosophila m
>gi|1036783532|ref|XP_017135554.1| PREDICTED: NEDD4 family-interacting protein 1 [Drosophila m
>gi|1036783435|ref|XP_017135548.1| PREDICTED: zinc finger protein on ecdysone puffs isoform X1
>gi|1036783454|ref|XP_017135549.1| PREDICTED: zinc finger protein on ecdysone puffs isoform X1
>gi|1036783473|ref|XP_017135551.1| PREDICTED: zinc finger protein on ecdysone puffs isoform X2
>gi|1036783494|ref|XP 017135552.1| PREDICTED: uncharacterized protein LOC108151448 [Drosophila
>gi|1036849083|ref|XP_017139208.1| PREDICTED: prostaglandin D2 receptor [Drosophila miranda]
>gi|1036820663|ref|XP_017137622.1| PREDICTED: integral membrane protein GPR155 [Drosophila mire
>gi|1036766046|ref|XP_017134554.1| PREDICTED: RNA-binding motif protein, X-linked 2 isoform X1
>gi|1036766064|ref|XP_017134556.1| PREDICTED: RNA-binding motif protein, X-linked 2 isoform X2
>gi|1036841110|ref|XP_017138781.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841091|ref|XP_017138780.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840981|ref|XP_017138773.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841055|ref|XP_017138778.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840943|ref|XP_017138771.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841072|ref|XP_017138779.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841036|ref|XP_017138777.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840909|ref|XP_017138768.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841017|ref|XP_017138775.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
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>gi|1036840926|ref|XP_017138769.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840962|ref|XP_017138772.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840998|ref|XP 017138774.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036840888|ref|XP_017138767.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841128|ref|XP 017138782.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841204|ref|XP_017138786.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
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>gi|1036841166|ref|XP_017138784.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036841147|ref|XP_017138783.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036813396|ref|XP_017137219.1| PREDICTED: uncharacterized protein LOC108152417 [Drosophila
>gi|1036813356|ref|XP_017137217.1| PREDICTED: uncharacterized protein LOC108152415 isoform X1
>gi|1036813375|ref|XP 017137218.1| PREDICTED: uncharacterized protein LOC108152415 isoform X2
>gi|1036813314|ref|XP_017137215.1| PREDICTED: folliculin [Drosophila miranda]
>gi|1036813430|ref|XP_017137221.1| PREDICTED: 60S ribosomal protein L18 [Drosophila miranda]
>gi|1036813413|ref|XP_017137220.1| PREDICTED: 39S ribosomal protein L50, mitochondrial [Drosop
>gi|1036813337|ref|XP 017137216.1| PREDICTED: nuclear receptor coactivator 5 [Drosophila mirane
>gi|1036770311|ref|XP_017134787.1| PREDICTED: uncharacterized protein LOC108150964 [Drosophila
>gi|1036770197|ref|XP 017134780.1| PREDICTED: cell division cycle protein 27 homolog [Drosophi]
>gi|1036770273|ref|XP_017134785.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036770159|ref|XP 017134778.1| PREDICTED: protein KIAA0100 [Drosophila miranda]
>gi|1036770178|ref|XP_017134779.1| PREDICTED: trafficking protein particle complex subunit 11
>gi|1036770237|ref|XP_017134782.1| PREDICTED: trypsin alpha [Drosophila miranda]
>gi|1036770216|ref|XP_017134781.1| PREDICTED: trypsin beta-like [Drosophila miranda]
>gi|1036758083|ref|XP_017156756.1| PREDICTED: transmembrane protease serine 9 [Drosophila mirated
>gi|1036770255|ref|XP_017134783.1| PREDICTED: chymotrypsin-1 [Drosophila miranda]
>gi|1036770292|ref|XP_017134786.1| PREDICTED: stress-associated endoplasmic reticulum protein
>gi|1036770349|ref|XP_017134790.1| PREDICTED: UPF0235 protein C15orf40 homolog [Drosophila mire
>gi|1036770330|ref|XP_017134788.1| PREDICTED: heat shock protein 83 [Drosophila miranda]
>gi|1036794352|ref|XP_017136167.1| PREDICTED: uncharacterized protein LOC108151819 [Drosophila
>gi|1036759067|ref|XP_017156815.1| PREDICTED: uncharacterized protein LOC108165292 [Drosophila
>gi|1036794387|ref|XP_017136169.1| PREDICTED: cell wall protein IFF6 [Drosophila miranda]
>gi|1036794371|ref|XP_017136168.1| PREDICTED: uncharacterized protein LOC108151820 [Drosophila
>gi|1036794317|ref|XP 017136165.1| PREDICTED: daple-like protein isoform X2 [Drosophila mirand
>gi|1036794302|ref|XP_017136164.1| PREDICTED: girdin isoform X1 [Drosophila miranda]
>gi|1036794333|ref|XP 017136166.1| PREDICTED: girdin isoform X3 [Drosophila miranda]
>gi|1036829922|ref|XP_017138144.1| PREDICTED: titin homolog [Drosophila miranda]
>gi|1036829960|ref|XP_017138146.1| PREDICTED: uncharacterized protein LOC108152957 [Drosophila
>gi|1036829978|ref|XP_017138147.1| PREDICTED: uncharacterized protein LOC108152958 [Drosophila
>gi|1036829941|ref|XP_017138145.1| PREDICTED: tRNA (guanine(37)-N1)-methyltransferase [Drosoph
>gi|1036843652|ref|XP_017138917.1| PREDICTED: short/branched chain specific acyl-CoA dehydrogen
>gi|1036843670|ref|XP_017138918.1| PREDICTED: ninjurin-1 [Drosophila miranda]
>gi|1036782545|ref|XP_017135493.1| PREDICTED: long-chain-fatty-acid--CoA ligase 5 isoform X1 [
>gi|1036782564|ref|XP_017135494.1| PREDICTED: long-chain-fatty-acid--CoA ligase 5 isoform X1 [
>gi|1036782582|ref|XP_017135495.1| PREDICTED: long-chain-fatty-acid--CoA ligase 5 isoform X2 [
>gi|1036782526|ref|XP_017135492.1| PREDICTED: UDP-glucose:glycoprotein glucosyltransferase [Drefly the content of the content 
>gi|1036782600|ref|XP_017135497.1| PREDICTED: cell cycle checkpoint control protein RAD9A [Dros
>gi|1036782657|ref|XP_017135500.1| PREDICTED: biogenesis of lysosome-related organelles complex
>gi|1036782674|ref|XP_017135501.1| PREDICTED: glutaredoxin-C4 [Drosophila miranda]
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>gi|1036782638|ref|XP_017135499.1| PREDICTED: dysbindin protein homolog [Drosophila miranda]
>gi|1036782619|ref|XP_017135498.1| PREDICTED: ADP-ribosylation factor-like protein 6-interacting
>gi|1036759086|ref|XP_017156816.1| PREDICTED: transmembrane protease serine 9 [Drosophila mirate
>gi|1036820924|ref|XP_017137637.1| PREDICTED: protein I'm not dead yet isoform X1 [Drosophila i
>gi|1036820943|ref|XP 017137638.1| PREDICTED: protein I'm not dead yet isoform X2 [Drosophila a
>gi|1036847497|ref|XP_017139119.1| PREDICTED: uncharacterized protein LOC108153557 isoform X1
>gi|1036847514|ref|XP 017139120.1| PREDICTED: uncharacterized protein LOC108153557 isoform X2
>gi|1036832533|ref|XP_017138292.1| PREDICTED: catalase isoform X1 [Drosophila miranda]
>gi|1036832552|ref|XP_017138293.1| PREDICTED: catalase isoform X2 [Drosophila miranda]
>gi|1036844356|ref|XP_017138953.1| PREDICTED: uncharacterized protein LOC108153447 [Drosophila
>gi|1036844374|ref|XP_017138954.1| PREDICTED: uncharacterized protein LOC108153447 [Drosophila
>gi|1036808939|ref|XP_017136984.1| PREDICTED: uncharacterized protein LOC108152274 [Drosophila
>gi|1036808919|ref|XP_017136983.1| PREDICTED: uncharacterized protein LOC108152273 [Drosophila
>gi|1036826370|ref|XP_017137940.1| PREDICTED: nuclear hormone receptor FTZ-F1 [Drosophila mirate
>gi|1036820721|ref|XP_017137625.1| PREDICTED: ubiquitin-like-conjugating enzyme ATG3 [Drosophi
>gi|1036820700|ref|XP_017137624.1| PREDICTED: nuclear fragile X mental retardation-interacting
>gi|1036820741|ref|XP_017137626.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036763115|ref|XP_017157050.1| PREDICTED: protein terminus [Drosophila miranda]
>gi|1036764894|ref|XP_017157142.1| PREDICTED: M protein, serotype 2.1-like [Drosophila miranda]
>gi|1036847760|ref|XP 017139132.1| PREDICTED: uncharacterized protein LOC108153567 [Drosophila
>gi|1036849122|ref|XP_017139210.1| PREDICTED: uncharacterized protein LOC108153620 isoform X1
>gi|1036849139|ref|XP 017139211.1| PREDICTED: uncharacterized protein LOC108153620 isoform X1
>gi|1036849155|ref|XP_017139212.1| PREDICTED: uncharacterized protein LOC108153620 isoform X2
>gi|1036851689|ref|XP_017139363.1| PREDICTED: uncharacterized protein LOC108153745 [Drosophila
>gi|1036847869|ref|XP_017139138.1| PREDICTED: uncharacterized protein LOC108153571 [Drosophila
>gi|1036759105|ref|XP_017156817.1| PREDICTED: putative odorant receptor 69a [Drosophila mirand
>gi|1036759126|ref|XP_017156819.1| PREDICTED: putative odorant receptor 69a [Drosophila mirand
>gi|1036765869|ref|XP_017134544.1| PREDICTED: malate dehydrogenase, mitochondrial [Drosophila i
>gi|1036764947|ref|XP_017157143.1| PREDICTED: malate dehydrogenase, mitochondrial [Drosophila 1
>gi|1036841227|ref|XP_017138787.1| PREDICTED: cullin homolog 1 [Drosophila miranda]
>gi|1036818364|ref|XP_017137502.1| PREDICTED: 10 kDa heat shock protein, mitochondrial [Drosop:
>gi|1036818346|ref|XP_017137501.1| PREDICTED: 39S ribosomal protein L20, mitochondrial [Drosop
>gi|1036818328|ref|XP_017137500.1| PREDICTED: protein-S-isoprenylcysteine O-methyltransferase
>gi|1036818309|ref|XP_017137499.1| PREDICTED: adenosine kinase isoform X2 [Drosophila miranda]
>gi|1036818290|ref|XP 017137498.1| PREDICTED: adenosine kinase isoform X1 [Drosophila miranda]
>gi|1036829655|ref|XP_017138128.1| PREDICTED: 40S ribosomal protein S12 [Drosophila miranda]
>gi|1036829594|ref|XP_017138125.1| PREDICTED: zinc finger MYND domain-containing protein 10 hor
>gi|1036829636|ref|XP_017138127.1| PREDICTED: matrix-remodeling-associated protein 7 [Drosophi
>gi|1036829615|ref|XP_017138126.1| PREDICTED: uncharacterized protein LOC108152942 [Drosophila
>gi|1036843889|ref|XP_017138928.1| PREDICTED: cyclin-H [Drosophila miranda]
>gi|1036764131|ref|XP_017157102.1| PREDICTED: protein embryonic gonad [Drosophila miranda]
>gi|1036825202|ref|XP_017137876.1| PREDICTED: ras-interacting protein RIP3-like [Drosophila mi
>gi|1036825183|ref|XP_017137875.1| PREDICTED: ras-interacting protein RIP3-like [Drosophila minus prot
>gi|1036759145|ref|XP_017156820.1| PREDICTED: catalase C-like [Drosophila miranda]
>gi|1036844555|ref|XP_017138965.1| PREDICTED: beta-1-syntrophin isoform X1 [Drosophila miranda]
>gi|1036844573|ref|XP_017138966.1| PREDICTED: beta-1-syntrophin isoform X1 [Drosophila miranda]
>gi|1036844727|ref|XP_017138967.1| PREDICTED: beta-1-syntrophin isoform X1 [Drosophila miranda]
>gi|1036844746|ref|XP_017138969.1| PREDICTED: beta-1-syntrophin isoform X2 [Drosophila miranda]
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>gi|1036844765|ref|XP_017138970.1| PREDICTED: brain acid soluble protein 1 [Drosophila miranda]
>gi|1036770366|ref|XP_017134791.1| PREDICTED: uncharacterized protein LOC108150967 [Drosophila
>gi|1036767446|ref|XP_017134630.1| PREDICTED: uncharacterized protein LOC108150834 [Drosophila
>gi|1036849381|ref|XP_017139225.1| PREDICTED: uncharacterized protein LOC108153633 [Drosophila
>gi|1036849365|ref|XP 017139224.1| PREDICTED: translation initiation factor IF-2 [Drosophila m
>gi|1036767741|ref|XP_017134643.1| PREDICTED: uncharacterized protein LOC108150851 [Drosophila
>gi|1036768687|ref|XP_017134695.1| PREDICTED: mucin-7 [Drosophila miranda]
>gi|1036823459|ref|XP_017137780.1| PREDICTED: uncharacterized protein LOC108152743 [Drosophila
>gi|1036823436|ref|XP_017137779.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036823478|ref|XP_017137781.1| PREDICTED: DNA-directed RNA polymerases I, II, and III subu
>gi|1036823417|ref|XP_017137777.1| PREDICTED: zinc finger protein OZF [Drosophila miranda]
>gi|1036836973|ref|XP_017138540.1| PREDICTED: uncharacterized protein LOC108153223 isoform X1
>gi|1036836992|ref|XP_017138542.1| PREDICTED: uncharacterized protein LOC108153223 isoform X2
>gi|1036832570|ref|XP_017138294.1| PREDICTED: ninein [Drosophila miranda]
>gi|1036759164|ref|XP_017156821.1| PREDICTED: acanthoscurrin-2 [Drosophila miranda]
>gi|1036759183|ref|XP_017156822.1| PREDICTED: translation initiation factor IF-2-like, partial
>gi|1036852527|ref|XP_017139416.1| PREDICTED: uncharacterized protein LOC108153783 [Drosophila
>gi|1036828033|ref|XP_017138037.1| PREDICTED: alsin homolog [Drosophila miranda]
>gi|1036828073|ref|XP_017138039.1| PREDICTED: uncharacterized protein LOC108152904 isoform X2
>gi|1036828054|ref|XP 017138038.1| PREDICTED: uncharacterized protein LOC108152904 isoform X1
>gi|1036764702|ref|XP_017157131.1| PREDICTED: endocuticle structural glycoprotein ABD-5 [Droso
>gi|1036841558|ref|XP 017138807.1| PREDICTED: ankyrin repeat and BTB/POZ domain-containing pro-
>gi|1036841539|ref|XP_017138806.1| PREDICTED: ankyrin repeat and BTB/POZ domain-containing pro-
>gi|1036847741|ref|XP_017139131.1| PREDICTED: copper transport protein ATOX1 [Drosophila miran-
>gi|1036851857|ref|XP_017139374.1| PREDICTED: aldose 1-epimerase [Drosophila miranda]
>gi|1036851675|ref|XP_017139362.1| PREDICTED: probable fumarate hydratase, mitochondrial [Dros
>gi|1036811343|ref|XP_017137112.1| PREDICTED: aldose 1-epimerase [Drosophila miranda]
>gi|1036811365|ref|XP_017137113.1| PREDICTED: aldose 1-epimerase [Drosophila miranda]
>gi|1036811282|ref|XP_017137109.1| PREDICTED: fibroleukin [Drosophila miranda]
>gi|1036811305|ref|XP_017137110.1| PREDICTED: fibroleukin [Drosophila miranda]
>gi|1036811384|ref|XP_017137114.1| PREDICTED: ORM1-like protein [Drosophila miranda]
>gi|1036811324|ref|XP_017137111.1| PREDICTED: asparagine--tRNA ligase, cytoplasmic-like [Droso
>gi|1036811912|ref|XP_017137141.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036811931|ref|XP_017137142.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036847271|ref|XP 017139106.1| PREDICTED: uncharacterized protein LOC108153549 [Drosophila
>gi|1036847290|ref|XP_017139107.1| PREDICTED: neuropeptide Y receptor type 6 [Drosophila miran
>gi|1036847886|ref|XP_017139139.1| PREDICTED: uncharacterized protein LOC108153572 [Drosophila
>gi|1036847904|ref|XP_017139140.1| PREDICTED: uncharacterized protein LOC108153572 [Drosophila
>gi|1036847941|ref|XP_017139143.1| PREDICTED: leucine-rich repeat-containing protein 9 [Drosop
>gi|1036847922|ref|XP_017139142.1| PREDICTED: glutamate receptor 2 [Drosophila miranda]
>gi|1036767964|ref|XP_017134655.1| PREDICTED: uncharacterized protein LOC108150864 [Drosophila
>gi|1036851890|ref|XP_017139377.1| PREDICTED: phospholipase B1, membrane-associated [Drosophile
>gi|1036851906|ref|XP_017139378.1| PREDICTED: phospholipase B1, membrane-associated [Drosophile
>gi|1036851925|ref|XP_017139379.1| PREDICTED: phospholipase B1, membrane-associated [Drosophile
>gi|1036834015|ref|XP_017138369.1| PREDICTED: ADP-dependent glucokinase [Drosophila miranda]
>gi|1036823840|ref|XP_017137800.1| PREDICTED: heat shock 70 kDa protein 4 isoform X1 [Drosophi
>gi|1036823859|ref|XP_017137801.1| PREDICTED: heat shock 70 kDa protein 4 isoform X1 [Drosophi
>gi|1036823878|ref|XP_017137802.1| PREDICTED: heat shock 70 kDa protein 4 isoform X2 [Drosophi
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>gi|1036818969|ref|XP_017137537.1| PREDICTED: neuralized-like protein 4 [Drosophila miranda]
>gi|1036838446|ref|XP_017138630.1| PREDICTED: RNA exonuclease 4 [Drosophila miranda]
>gi|1036838463|ref|XP_017138631.1| PREDICTED: M-phase-specific PLK1-interacting protein [Droso
>gi|1036809572|ref|XP_017137015.1| PREDICTED: formin-like protein CG32138 isoform X5 [Drosophi
>gi|1036809502|ref|XP 017137011.1| PREDICTED: formin-like protein CG32138 isoform X1 [Drosophi
>gi|1036809589|ref|XP_017137016.1| PREDICTED: formin-like protein CG32138 isoform X6 [Drosophi
>gi|1036809521|ref|XP 017137012.1| PREDICTED: formin-like protein CG32138 isoform X2 [Drosophi
>gi|1036809538|ref|XP_017137013.1| PREDICTED: formin-like protein CG32138 isoform X3 [Drosophi
>gi|1036809555|ref|XP_017137014.1| PREDICTED: formin-like protein CG32138 isoform X4 [Drosophi
>gi|1036809464|ref|XP_017137009.1| PREDICTED: peroxisome biogenesis factor 1 [Drosophila miran-
>gi|1036809446|ref|XP_017137008.1| PREDICTED: fibroblast growth factor receptor homolog 2 [Dros
>gi|1036809483|ref|XP_017137010.1| PREDICTED: fat-body protein 1 [Drosophila miranda]
>gi|1036846586|ref|XP_017139066.1| PREDICTED: fat-body protein 1 [Drosophila miranda]
>gi|1036835572|ref|XP_017138458.1| PREDICTED: transcription factor Sox-14 [Drosophila miranda]
>gi|1036759200|ref|XP_017156823.1| PREDICTED: BTB/POZ domain-containing protein 2-like [Drosop
>gi|1036835554|ref|XP_017138457.1| PREDICTED: RNA-binding protein fusilli [Drosophila miranda]
>gi|1036841614|ref|XP_017138810.1| PREDICTED: SOX domain-containing protein dichaete [Drosophi
>gi|1036852250|ref|XP 017139400.1| PREDICTED: transient receptor potential cation channel subf
>gi|1036837329|ref|XP_017138562.1| PREDICTED: succinyl-CoA ligase [ADP/GDP-forming] subunit al
>gi|1036811950|ref|XP 017137143.1| PREDICTED: protein encore isoform X1 [Drosophila miranda]
>gi|1036811988|ref|XP_017137145.1| PREDICTED: protein encore isoform X3 [Drosophila miranda]
>gi|1036811969|ref|XP_017137144.1| PREDICTED: protein encore isoform X2 [Drosophila miranda]
>gi|1036812007|ref|XP_017137146.1| PREDICTED: protein encore isoform X4 [Drosophila miranda]
>gi|1036846199|ref|XP_017139043.1| PREDICTED: LIM/homeobox protein Awh isoform X1 [Drosophila 1
>gi|1036846216|ref|XP_017139044.1| PREDICTED: LIM/homeobox protein Awh isoform X2 [Drosophila i
>gi|1036846235|ref|XP_017139045.1| PREDICTED: LIM/homeobox protein Awh isoform X3 [Drosophila 1
>gi|1036846256|ref|XP_017139046.1| PREDICTED: LIM/homeobox protein Awh isoform X4 [Drosophila 1
>gi|1036763260|ref|XP_017157056.1| PREDICTED: uncharacterized protein LOC108165511 [Drosophila
>gi|1036833374|ref|XP_017138342.1| PREDICTED: uncharacterized protein LOC108153072 [Drosophila
>gi|1036759219|ref|XP_017156824.1| PREDICTED: gustatory and odorant receptor 63a [Drosophila m
>gi|1036833340|ref|XP_017138339.1| PREDICTED: hsp90 co-chaperone Cdc37 [Drosophila miranda]
>gi|1036833356|ref|XP_017138341.1| PREDICTED: dnaJ homolog subfamily B member 13 [Drosophila m
>gi|1036819433|ref|XP 017137560.1| PREDICTED: patj homolog isoform X1 [Drosophila miranda]
>gi|1036819473|ref|XP_017137563.1| PREDICTED: patj homolog isoform X3 [Drosophila miranda]
>gi|1036819454|ref|XP 017137561.1| PREDICTED: patj homolog isoform X2 [Drosophila miranda]
>gi|1036819492|ref|XP_017137564.1| PREDICTED: protein JTB [Drosophila miranda]
>gi|1036832072|ref|XP 017138268.1| PREDICTED: bromodomain-containing protein DDB G0280777 isof
>gi|1036832089|ref|XP_017138269.1| PREDICTED: basic-leucine zipper transcription factor A isof
>gi|1036848164|ref|XP_017139154.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036769686|ref|XP_017134754.1| PREDICTED: uncharacterized protein LOC108150935 [Drosophila
>gi|1036767187|ref|XP_017134617.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1036851618|ref|XP_017139359.1| PREDICTED: cuticle protein 7 [Drosophila miranda]
>gi|1036850597|ref|XP 017139298.1| PREDICTED: uncharacterized protein LOC108153687 isoform X1
>gi|1036850616|ref|XP_017139299.1| PREDICTED: uncharacterized protein LOC108153687 isoform X2
>gi|1036805293|ref|XP_017136784.1| PREDICTED: CUE domain-containing protein 1 isoform X1 [Dros
>gi|1036805312|ref|XP_017136785.1| PREDICTED: CUE domain-containing protein 1 isoform X2 [Drose
>gi|1036805331|ref|XP_017136786.1| PREDICTED: CUE domain-containing protein 1 isoform X3 [Dros
>gi|1036805348|ref|XP_017136787.1| PREDICTED: ras-like protein 3 [Drosophila miranda]
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>gi|1036805274|ref|XP_017136783.1| PREDICTED: HBS1-like protein [Drosophila miranda]
>gi|1036834916|ref|XP_017138419.1| PREDICTED: transmembrane protein 134 [Drosophila miranda]
>gi|1036823038|ref|XP_017137755.1| PREDICTED: uncharacterized protein LOC108152728 [Drosophila
>gi|1036823019|ref|XP_017137754.1| PREDICTED: FACT complex subunit spt16 isoform X2 [Drosophile
>gi|1036823000|ref|XP 017137752.1| PREDICTED: FACT complex subunit spt16 isoform X1 [Drosophile
>gi|1036840088|ref|XP_017138722.1| PREDICTED: carbohydrate sulfotransferase 11 isoform X1 [Dros
>gi|1036840107|ref|XP 017138723.1| PREDICTED: carbohydrate sulfotransferase 11 isoform X1 [Dro
>gi|1036840126|ref|XP_017138724.1| PREDICTED: carbohydrate sulfotransferase 11 isoform X1 [Dros
>gi|1036840145|ref|XP_017138725.1| PREDICTED: carbohydrate sulfotransferase 11 isoform X1 [Dros
>gi|1036840164|ref|XP_017138726.1| PREDICTED: carbohydrate sulfotransferase 11 isoform X2 [Dros
>gi|1036840183|ref|XP_017138727.1| PREDICTED: adenine phosphoribosyltransferase [Drosophila mi
>gi|1036840204|ref|XP 017138728.1| PREDICTED: adenine phosphoribosyltransferase [Drosophila mi
>gi|1036836729|ref|XP_017138526.1| PREDICTED: lipoma HMGIC fusion partner-like 3 protein [Dros
>gi|1036846935|ref|XP_017139086.1| PREDICTED: lysosome membrane protein 2 isoform X1 [Drosophi
>gi|1036846954|ref|XP_017139087.1| PREDICTED: lysosome membrane protein 2 isoform X1 [Drosophi
>gi|1036846973|ref|XP_017139088.1| PREDICTED: lysosome membrane protein 2 isoform X2 [Drosophi
>gi|1036851944|ref|XP_017139380.1| PREDICTED: alpha-protein kinase 1 [Drosophila miranda]
>gi|1036848126|ref|XP_017139152.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dref|XP_017139152.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dref
>gi|1036771948|ref|XP_017134879.1| PREDICTED: microfibrillar-associated protein 1 [Drosophila i
>gi|1036759238|ref|XP 017156825.1| PREDICTED: uncharacterized protein LOC108165301 [Drosophila
>gi|1036771966|ref|XP_017134881.1| PREDICTED: microtubule-associated protein futsch-like [Dros
>gi|1036771929|ref|XP_017134878.1| PREDICTED: ankyrin repeat domain-containing protein 26 [Dros
>gi|1036771910|ref|XP_017134877.1| PREDICTED: uncharacterized protein LOC108151029 [Drosophila
>gi|1036788535|ref|XP_017135837.1| PREDICTED: RING finger protein 10 [Drosophila miranda]
>gi|1036788606|ref|XP_017135841.1| PREDICTED: choline-phosphate cytidylyltransferase A [Drosop
>gi|1036788570|ref|XP_017135839.1| PREDICTED: choline-phosphate cytidylyltransferase A [Drosop
>gi|1036788588|ref|XP_017135840.1| PREDICTED: choline-phosphate cytidylyltransferase A [Drosop
>gi|1036788519|ref|XP_017135836.1| PREDICTED: DNA polymerase eta [Drosophila miranda]
>gi|1036788550|ref|XP_017135838.1| PREDICTED: solute carrier family 22 member 3 [Drosophila mi
>gi|1036807066|ref|XP_017136880.1| PREDICTED: poly(rC)-binding protein 3 isoform X16 [Drosophi
>gi|1036807048|ref|XP_017136879.1| PREDICTED: poly(rC)-binding protein 3 isoform X15 [Drosophi
>gi|1036807030|ref|XP_017136878.1| PREDICTED: poly(rC)-binding protein 3 isoform X14 [Drosophi
>gi|1036807016|ref|XP_017136876.1| PREDICTED: poly(rC)-binding protein 3 isoform X13 [Drosophi
>gi|1036806997|ref|XP_017136875.1| PREDICTED: poly(rC)-binding protein 3 isoform X12 [Drosophi
>gi|1036806981|ref|XP 017136874.1| PREDICTED: poly(rC)-binding protein 3 isoform X11 [Drosophi
>gi|1036806964|ref|XP_017136873.1| PREDICTED: poly(rC)-binding protein 3 isoform X10 [Drosophi
>gi|1036806927|ref|XP_017136871.1| PREDICTED: poly(rC)-binding protein 3 isoform X8 [Drosophile
>gi|1036806816|ref|XP_017136865.1| PREDICTED: poly(rC)-binding protein 3 isoform X2 [Drosophile
>gi|1036806946|ref|XP_017136872.1| PREDICTED: poly(rC)-binding protein 3 isoform X9 [Drosophile
>gi|1036806909|ref|XP_017136870.1| PREDICTED: poly(rC)-binding protein 3 isoform X7 [Drosophile
>gi|1036806890|ref|XP_017136869.1| PREDICTED: poly(rC)-binding protein 3 isoform X6 [Drosophile
>gi|1036806872|ref|XP_017136868.1| PREDICTED: poly(rC)-binding protein 3 isoform X5 [Drosophile
>gi|1036806853|ref|XP_017136867.1| PREDICTED: poly(rC)-binding protein 3 isoform X4 [Drosophile
>gi|1036806834|ref|XP_017136866.1| PREDICTED: poly(rC)-binding protein 3 isoform X3 [Drosophile
>gi|1036806742|ref|XP_017136861.1| PREDICTED: poly(rC)-binding protein 3 isoform X1 [Drosophile
>gi|1036806762|ref|XP_017136862.1| PREDICTED: poly(rC)-binding protein 3 isoform X1 [Drosophile
>gi|1036806781|ref|XP_017136863.1| PREDICTED: poly(rC)-binding protein 3 isoform X1 [Drosophile
>gi|1036806799|ref|XP_017136864.1| PREDICTED: poly(rC)-binding protein 3 isoform X1 [Drosophile
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>gi|1036768667|ref|XP_017134694.1| PREDICTED: neuropeptide-like protein 29 [Drosophila miranda]
>gi|1036832974|ref|XP_017138318.1| PREDICTED: delta-1-pyrroline-5-carboxylate dehydrogenase, m
>gi|1036825981|ref|XP_017137917.1| PREDICTED: nucleolar and coiled-body phosphoprotein 1-like
>gi|1036825939|ref|XP_017137915.1| PREDICTED: nucleolin 2-like isoform X1 [Drosophila miranda]
>gi|1036825958|ref|XP 017137916.1| PREDICTED: nucleolin 1-like isoform X2 [Drosophila miranda]
>gi|1036838182|ref|XP_017138614.1| PREDICTED: uncharacterized protein LOC108153263 [Drosophila
>gi|1036826144|ref|XP_017137927.1| PREDICTED: small integral membrane protein 8 [Drosophila mi
>gi|1036826127|ref|XP_017137926.1| PREDICTED: eukaryotic translation initiation factor 2A [Dros
>gi|1036846605|ref|XP_017139067.1| PREDICTED: uncharacterized protein LOC108153520 [Drosophila
>gi|1036799073|ref|XP_017136433.1| PREDICTED: serine/arginine repetitive matrix protein 1 [Dros
>gi|1036799107|ref|XP_017136435.1| PREDICTED: 40S ribosomal protein S4 [Drosophila miranda]
>gi|1036799090|ref|XP_017136434.1| PREDICTED: syntaxin-12 [Drosophila miranda]
>gi|1036799124|ref|XP_017136436.1| PREDICTED: uncharacterized protein LOC108151983 [Drosophila
>gi|1036768442|ref|XP_017134682.1| PREDICTED: uncharacterized protein LOC108150884 [Drosophila
>gi|1036767923|ref|XP_017134653.1| PREDICTED: uncharacterized protein LOC108150862 [Drosophila
>gi|1036759257|ref|XP_017156826.1| PREDICTED: uncharacterized protein LOC108165303 [Drosophila
>gi|1036848278|ref|XP_017139161.1| PREDICTED: serine/threonine-protein phosphatase PP1-like [Di
>gi|1036835868|ref|XP_017138475.1| PREDICTED: leucine-rich repeat-containing protein 15 [Droso
>gi|1036852125|ref|XP_017139392.1| PREDICTED: DC-STAMP domain-containing protein 1 [Drosophila
>gi|1036814002|ref|XP 017137255.1| PREDICTED: uncharacterized protein LOC108152434 [Drosophila
>gi|1036813984|ref|XP_017137254.1| PREDICTED: chondroadherin-like protein [Drosophila miranda]
>gi|1036759273|ref|XP 017156827.1| PREDICTED: hydrogenase nickel incorporation protein HypB-li
>gi|1036766387|ref|XP_017134570.1| PREDICTED: UNC93-like protein [Drosophila miranda]
>gi|1036766138|ref|XP_017134560.1| PREDICTED: collagen alpha-1(VIII) chain-like [Drosophila mi
>gi|1036850436|ref|XP_017139289.1| PREDICTED: cysteine and histidine-rich protein 1-B-like [Dr
>gi|1036850453|ref|XP_017139290.1| PREDICTED: neuropeptide-like 2 [Drosophila miranda]
>gi|1036847960|ref|XP_017139144.1| PREDICTED: uncharacterized protein LOC108153576 [Drosophila
>gi|1036846074|ref|XP_017139037.1| PREDICTED: uncharacterized protein LOC108153497 [Drosophila
>gi|1036759293|ref|XP_017156828.1| PREDICTED: uncharacterized protein LOC108165305, partial [Di
>gi|1036846055|ref|XP_017139036.1| PREDICTED: nucleolin [Drosophila miranda]
>gi|1036852417|ref|XP_017139410.1| PREDICTED: uncharacterized protein LOC108153779 [Drosophila
>gi|1036821869|ref|XP_017137689.1| PREDICTED: uncharacterized protein LOC108152694 [Drosophila
>gi|1036821890|ref|XP_017137690.1| PREDICTED: transmembrane protein 19 isoform X1 [Drosophila 1
>gi|1036821911|ref|XP_017137691.1| PREDICTED: transmembrane protein 19 isoform X2 [Drosophila i
>gi|1036821850|ref|XP 017137688.1| PREDICTED: POC1 centriolar protein homolog isoform X2 [Dros
>gi|1036821813|ref|XP_017137685.1| PREDICTED: POC1 centriolar protein homolog isoform X1 [Dros
>gi|1036821831|ref|XP 017137686.1| PREDICTED: POC1 centriolar protein homolog isoform X1 [Dros
>gi|1036846624|ref|XP_017139068.1| PREDICTED: zinc finger protein sens [Drosophila miranda]
>gi|1036849657|ref|XP_017139242.1| PREDICTED: tetratricopeptide repeat protein 36 homolog [Dros
>gi|1036849617|ref|XP_017139240.1| PREDICTED: uncharacterized protein LOC108153647 isoform X1
>gi|1036849636|ref|XP_017139241.1| PREDICTED: uncharacterized protein LOC108153647 isoform X2
>gi|1036842712|ref|XP_017138861.1| PREDICTED: whirlin isoform X3 [Drosophila miranda]
>gi|1036842833|ref|XP_017138868.1| PREDICTED: whirlin isoform X10 [Drosophila miranda]
>gi|1036842780|ref|XP_017138865.1| PREDICTED: whirlin isoform X7 [Drosophila miranda]
>gi|1036842728|ref|XP_017138862.1| PREDICTED: whirlin isoform X4 [Drosophila miranda]
>gi|1036842815|ref|XP_017138867.1| PREDICTED: whirlin isoform X9 [Drosophila miranda]
>gi|1036842693|ref|XP_017138859.1| PREDICTED: whirlin isoform X2 [Drosophila miranda]
>gi|1036842797|ref|XP_017138866.1| PREDICTED: whirlin isoform X8 [Drosophila miranda]
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>gi|1036842747|ref|XP_017138863.1| PREDICTED: whirlin isoform X5 [Drosophila miranda]
>gi|1036842764|ref|XP_017138864.1| PREDICTED: whirlin isoform X6 [Drosophila miranda]
>gi|1036842677|ref|XP_017138858.1| PREDICTED: whirlin isoform X1 [Drosophila miranda]
>gi|1036842851|ref|XP_017138869.1| PREDICTED: whirlin isoform X11 [Drosophila miranda]
>gi|1036842864|ref|XP_017138870.1| PREDICTED: uncharacterized protein LOC108153394 [Drosophila
>gi|1036777927|ref|XP_017135223.1| PREDICTED: ral guanine nucleotide dissociation stimulator-1
>gi|1036777921|ref|XP 017135222.1| PREDICTED: G patch domain-containing protein 1 homolog [Dros
>gi|1036777911|ref|XP_017135220.1| PREDICTED: dynactin subunit 1 [Drosophila miranda]
>gi|1036777915|ref|XP_017135221.1| PREDICTED: dynactin subunit 1 [Drosophila miranda]
>gi|1036777939|ref|XP_017135224.1| PREDICTED: bicaudal D-related protein homolog isoform X1 [D:
>gi|1036777964|ref|XP_017135225.1| PREDICTED: bicaudal D-related protein homolog isoform X1 [Di
>gi|1036777976|ref|XP_017135226.1| PREDICTED: bicaudal D-related protein homolog isoform X2 [Di
>gi|1036777990|ref|XP_017135227.1| PREDICTED: bicaudal D-related protein homolog isoform X2 [D:
>gi|1036838482|ref|XP_017138632.1| PREDICTED: gastrula zinc finger protein XlCGF57.1 [Drosophi
>gi|1036785178|ref|XP_017135650.1| PREDICTED: ataxin-2 homolog [Drosophila miranda]
>gi|1036785322|ref|XP 017135656.1| PREDICTED: uncharacterized protein LOC108151519 [Drosophila
>gi|1036785197|ref|XP_017135651.1| PREDICTED: heat shock 70 kDa protein cognate 1 [Drosophila i
>gi|1036785286|ref|XP 017135654.1| PREDICTED: uncharacterized protein LOC108151517 isoform X3
>gi|1036785269|ref|XP_017135653.1| PREDICTED: uncharacterized protein LOC108151517 isoform X2
>gi|1036785233|ref|XP 017135652.1| PREDICTED: uncharacterized protein LOC108151517 isoform X1
>gi|1036759312|ref|XP_017156830.1| PREDICTED: cathepsin L-like [Drosophila miranda]
>gi|1036785304|ref|XP 017135655.1| PREDICTED: pre-intermoult gene 1 protein-like [Drosophila m
>gi|1036759331|ref|XP_017156831.1| PREDICTED: histone deacetylase HDT3-like [Drosophila mirand
>gi|1036839962|ref|XP_017138714.1| PREDICTED: digestive cysteine proteinase 1 [Drosophila mirate
>gi|1036813746|ref|XP_017137240.1| PREDICTED: formin-binding protein 1-like isoform X3 [Drosop
>gi|1036813710|ref|XP_017137238.1| PREDICTED: formin-binding protein 1-like isoform X1 [Drosop
>gi|1036813729|ref|XP_017137239.1| PREDICTED: formin-binding protein 1-like isoform X2 [Drosop
>gi|1036813799|ref|XP_017137243.1| PREDICTED: formin-binding protein 1-like isoform X6 [Drosop
>gi|1036813818|ref|XP_017137244.1| PREDICTED: formin-binding protein 1-like isoform X7 [Drosop
>gi|1036813763|ref|XP_017137241.1| PREDICTED: formin-binding protein 1-like isoform X4 [Drosop
>gi|1036813781|ref|XP_017137242.1| PREDICTED: formin-binding protein 1-like isoform X5 [Drosop
>gi|1036813837|ref|XP_017137245.1| PREDICTED: formin-binding protein 1-like isoform X8 [Drosop
>gi|1036813857|ref|XP 017137246.1| PREDICTED: formin-binding protein 1-like isoform X9 [Drosop.
>gi|1036786248|ref|XP_017135709.1| PREDICTED: uncharacterized protein LOC108151553 [Drosophila
>gi|1036786195|ref|XP 017135706.1| PREDICTED: uncharacterized protein LOC108151551 isoform X1
>gi|1036786212|ref|XP_017135707.1| PREDICTED: uncharacterized protein LOC108151551 isoform X2
>gi|1036786029|ref|XP 017135696.1| PREDICTED: semaphorin-5A isoform X2 [Drosophila miranda]
>gi|1036785988|ref|XP_017135694.1| PREDICTED: semaphorin-5A isoform X1 [Drosophila miranda]
>gi|1036786008|ref|XP_017135695.1| PREDICTED: semaphorin-5A isoform X1 [Drosophila miranda]
>gi|1036786231|ref|XP_017135708.1| PREDICTED: uncharacterized protein LOC108151552 [Drosophila
>gi|1036786048|ref|XP_017135697.1| PREDICTED: uncharacterized protein LOC108151547 isoform X1
>gi|1036786065|ref|XP_017135698.1| PREDICTED: uncharacterized protein LOC108151547 isoform X2
>gi|1036786084|ref|XP_017135699.1| PREDICTED: uncharacterized protein LOC108151548 isoform X1
>gi|1036786103|ref|XP_017135700.1| PREDICTED: uncharacterized protein LOC108151548 isoform X2
>gi|1036786159|ref|XP_017135704.1| PREDICTED: uncharacterized protein LOC108151550 isoform X1
>gi|1036786177|ref|XP_017135705.1| PREDICTED: uncharacterized protein LOC108151550 isoform X2
>gi|1036786141|ref|XP_017135703.1| PREDICTED: nuclease-sensitive element-binding protein 1 iso
>gi|1036786122|ref|XP_017135702.1| PREDICTED: nuclease-sensitive element-binding protein 1 iso
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>gi|1036759350|ref|XP_017156832.1| PREDICTED: uncharacterized protein LOC108165308 [Drosophila
>gi|1036790950|ref|XP_017135974.1| PREDICTED: sterol regulatory element-binding protein 1 [Dros
>gi|1036790969|ref|XP_017135975.1| PREDICTED: sterol regulatory element-binding protein 1 [Dros
>gi|1036791116|ref|XP_017135984.1| PREDICTED: uncharacterized protein LOC108151719 isoform X3
>gi|1036791040|ref|XP 017135979.1| PREDICTED: uncharacterized protein LOC108151718 isoform X1
>gi|1036791059|ref|XP_017135980.1| PREDICTED: uncharacterized protein LOC108151718 isoform X2
>gi|1036791097|ref|XP 017135983.1| PREDICTED: uncharacterized protein LOC108151719 isoform X2
>gi|1036791078|ref|XP_017135982.1| PREDICTED: uncharacterized protein LOC108151719 isoform X1
>gi|1036791135|ref|XP_017135985.1| PREDICTED: uncharacterized protein LOC108151720 [Drosophila
>gi|1036791154|ref|XP_017135986.1| PREDICTED: coiled-coil domain-containing protein 58 [Drosop
>gi|1036791173|ref|XP_017135987.1| PREDICTED: DNA repair protein SWI5 homolog [Drosophila mirated]
>gi|1036790984|ref|XP_017135976.1| PREDICTED: importin subunit alpha-7 [Drosophila miranda]
>gi|1036791003|ref|XP_017135977.1| PREDICTED: probable cytochrome P450 305a1 isoform X1 [Droso
>gi|1036791021|ref|XP_017135978.1| PREDICTED: probable cytochrome P450 305a1 isoform X2 [Droso
>gi|1036834413|ref|XP_017138389.1| PREDICTED: protein cycle isoform X2 [Drosophila miranda]
>gi|1036834394|ref|XP_017138387.1| PREDICTED: protein cycle isoform X1 [Drosophila miranda]
>gi|1036834432|ref|XP_017138390.1| PREDICTED: acidic fibroblast growth factor intracellular-bi
>gi|1036834470|ref|XP_017138392.1| PREDICTED: deformed epidermal autoregulatory factor 1 isofo
>gi|1036834489|ref|XP_017138393.1| PREDICTED: deformed epidermal autoregulatory factor 1 isofo
>gi|1036826297|ref|XP 017137936.1| PREDICTED: serine/threonine-protein kinase tricorner [Droso
>gi|1036826315|ref|XP_017137937.1| PREDICTED: uncharacterized protein LOC108152840 [Drosophila
>gi|1036803956|ref|XP_017136707.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036803974|ref|XP_017136708.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036833484|ref|XP_017138347.1| PREDICTED: bifunctional 3'-phosphoadenosine 5'-phosphosulfa
>gi|1036833448|ref|XP_017138345.1| PREDICTED: bifunctional 3'-phosphoadenosine 5'-phosphosulfa
>gi|1036833467|ref|XP_017138346.1| PREDICTED: bifunctional 3'-phosphoadenosine 5'-phosphosulfa
>gi|1036831476|ref|XP_017138236.1| PREDICTED: ras-related protein Rab-8A [Drosophila miranda]
>gi|1036831495|ref|XP_017138237.1| PREDICTED: ras-related protein Rab-8A [Drosophila miranda]
>gi|1036831512|ref|XP_017138238.1| PREDICTED: ras-related protein Rab-8A [Drosophila miranda]
>gi|1036838201|ref|XP_017138616.1| PREDICTED: uncharacterized protein LOC108153264 [Drosophila
>gi|1036803770|ref|XP_017136698.1| PREDICTED: immediate early response 3-interacting protein 1
>gi|1036803751|ref|XP_017136697.1| PREDICTED: biogenesis of lysosome-related organelles complex
>gi|1036803716|ref|XP_017136695.1| PREDICTED: uncharacterized protein YER152C [Drosophila mirated]
>gi|1036803608|ref|XP_017136689.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803627|ref|XP 017136690.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803645|ref|XP_017136691.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803663|ref|XP 017136692.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803571|ref|XP_017136687.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803590|ref|XP_017136688.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803555|ref|XP_017136686.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803536|ref|XP_017136685.1| PREDICTED: proton-coupled amino acid transporter 1 isoform
>gi|1036803517|ref|XP_017136684.1| PREDICTED: proton-coupled amino acid transporter 4 isoform
>gi|1036803698|ref|XP_017136694.1| PREDICTED: proton-coupled amino acid transporter 1 [Drosoph
>gi|1036803680|ref|XP_017136693.1| PREDICTED: proton-coupled amino acid transporter 3 [Drosoph
>gi|1036803732|ref|XP_017136696.1| PREDICTED: acyl-CoA Delta(11) desaturase [Drosophila mirand
>gi|1036823614|ref|XP_017137789.1| PREDICTED: uncharacterized protein LOC108152746 isoform X4
>gi|1036823499|ref|XP_017137783.1| PREDICTED: uncharacterized protein LOC108152745 [Drosophila
>gi|1036823518|ref|XP_017137784.1| PREDICTED: histidine-rich glycoprotein isoform X1 [Drosophi
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>gi|1036823537|ref|XP_017137785.1| PREDICTED: histidine-rich glycoprotein isoform X2 [Drosophi
>gi|1036823559|ref|XP_017137786.1| PREDICTED: histidine-rich glycoprotein isoform X3 [Drosophi
>gi|1036823577|ref|XP_017137787.1| PREDICTED: histidine-rich glycoprotein isoform X3 [Drosophi
>gi|1036823595|ref|XP_017137788.1| PREDICTED: histidine-rich glycoprotein isoform X3 [Drosophi
>gi|1036825772|ref|XP_017137905.1| PREDICTED: diphosphoinositol polyphosphate phosphohydrolase
>gi|1036825790|ref|XP_017137906.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036764021|ref|XP 017157100.1| PREDICTED: larval cuticle protein LCP-17-like [Drosophila m
>gi|1036834545|ref|XP_017138397.1| PREDICTED: mitochondrial inner membrane protein OXA1L [Dros
>gi|1036834566|ref|XP_017138398.1| PREDICTED: MIP18 family protein CG7949 [Drosophila miranda]
>gi|1036844391|ref|XP_017138956.1| PREDICTED: histidine-rich protein PFHRP-II isoform X1 [Dros
>gi|1036844409|ref|XP_017138957.1| PREDICTED: sarcoplasmic reticulum histidine-rich calcium-bi
>gi|1036844427|ref|XP_017138958.1| PREDICTED: biogenesis of lysosome-related organelles complete
>gi|1036826109|ref|XP_017137925.1| PREDICTED: ATP-dependent RNA helicase DDX42 [Drosophila mire
>gi|1036804160|ref|XP_017136719.1| PREDICTED: zinc finger MIZ domain-containing protein 2 [Dros
>gi|1036759367|ref|XP_017156833.1| PREDICTED: keratin, type II cytoskeletal 2 epidermal [Droso
>gi|1036783689|ref|XP_017135562.1| PREDICTED: transmembrane protein 184B isoform X1 [Drosophile
>gi|1036783707|ref|XP_017135564.1| PREDICTED: transmembrane protein 184B isoform X2 [Drosophile
>gi|1036783762|ref|XP_017135567.1| PREDICTED: 40S ribosomal protein S6-like [Drosophila mirand
>gi|1036783726|ref|XP_017135565.1| PREDICTED: rho GTPase-activating protein 17 [Drosophila mire
>gi|1036783610|ref|XP_017135558.1| PREDICTED: uncharacterized protein LOC108151451 [Drosophila
>gi|1036783629|ref|XP_017135559.1| PREDICTED: uncharacterized protein LOC108151451 [Drosophila
>gi|1036783745|ref|XP_017135566.1| PREDICTED: peroxisome biogenesis factor 10 [Drosophila mirate
>gi|1036783650|ref|XP_017135560.1| PREDICTED: molybdenum cofactor biosynthesis protein 1 isofo
>gi|1036783671|ref|XP_017135561.1| PREDICTED: molybdenum cofactor biosynthesis protein 1 isofo
>gi|1036783779|ref|XP_017135568.1| PREDICTED: probable prefoldin subunit 2 [Drosophila miranda]
>gi|1036827959|ref|XP_017138034.1| PREDICTED: unc-112-related protein [Drosophila miranda]
>gi|1036830330|ref|XP_017138169.1| PREDICTED: probable serine/threonine-protein kinase yakA is
>gi|1036830348|ref|XP_017138171.1| PREDICTED: probable serine/threonine-protein kinase yakA is
>gi|1036830367|ref|XP_017138172.1| PREDICTED: putative uncharacterized protein DDB_G0272516 is
>gi|1036830385|ref|XP_017138173.1| PREDICTED: probable serine/threonine-protein kinase yakA is
>gi|1036830404|ref|XP_017138174.1| PREDICTED: adenylate cyclase, terminal-differentiation spec
>gi|1036830423|ref|XP_017138175.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X5
>gi|1036830440|ref|XP 017138176.1| PREDICTED: G-box-binding factor isoform X6 [Drosophila mirat
>gi|1036830459|ref|XP_017138177.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X7
>gi|1036830478|ref|XP 017138178.1| PREDICTED: uncharacterized protein LOC108152969 isoform X8
>gi|1036830495|ref|XP_017138179.1| PREDICTED: uncharacterized protein LOC108152969 isoform X9
>gi|1036830514|ref|XP_017138180.1| PREDICTED: uncharacterized protein LOC108152969 isoform X10
>gi|1036842584|ref|XP_017138853.1| PREDICTED: uncharacterized protein LOC108153389 [Drosophila
>gi|1036842530|ref|XP_017138851.1| PREDICTED: glutamate decarboxylase [Drosophila miranda]
>gi|1036842565|ref|XP_017138852.1| PREDICTED: glutamate decarboxylase [Drosophila miranda]
>gi|1036848824|ref|XP_017139192.1| PREDICTED: fumarylacetoacetase [Drosophila miranda]
>gi|1036830702|ref|XP_017138191.1| PREDICTED: bone morphogenetic protein receptor type-2 [Dros
>gi|1036830721|ref|XP_017138192.1| PREDICTED: bone morphogenetic protein receptor type-2 [Dros
>gi|1036830740|ref|XP_017138194.1| PREDICTED: cytochrome P450 302a1, mitochondrial [Drosophila
>gi|1036851838|ref|XP_017139373.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1036851819|ref|XP_017139371.1| PREDICTED: 2-hydroxyacylsphingosine 1-beta-galactosyltransf
>gi|1036846735|ref|XP_017139075.1| PREDICTED: uncharacterized protein LOC108153526 isoform X2
>gi|1036846717|ref|XP_017139074.1| PREDICTED: uncharacterized protein LOC108153526 isoform X1
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>gi|1036846754|ref|XP_017139076.1| PREDICTED: protein dpy-30 homolog [Drosophila miranda]
>gi|1036846771|ref|XP_017139077.1| PREDICTED: protein dpy-30 homolog [Drosophila miranda]
>gi|1036846790|ref|XP_017139078.1| PREDICTED: protein dpy-30 homolog [Drosophila miranda]
>gi|1036846808|ref|XP_017139079.1| PREDICTED: protein dpy-30 homolog [Drosophila miranda]
>gi|1036846827|ref|XP 017139080.1| PREDICTED: protein dpy-30 homolog [Drosophila miranda]
>gi|1036832162|ref|XP_017138274.1| PREDICTED: microspherule protein 1 [Drosophila miranda]
>gi|1036834451|ref|XP 017138391.1| PREDICTED: BCL2/adenovirus E1B 19 kDa protein-interacting p
>gi|1036794954|ref|XP_017136201.1| PREDICTED: gustatory receptor for sugar taste 64f isoform X
>gi|1036794970|ref|XP_017136202.1| PREDICTED: gustatory receptor for sugar taste 64f isoform X
>gi|1036795027|ref|XP_017136205.1| PREDICTED: gustatory receptor for sugar taste 64e isoform X
>gi|1036795046|ref|XP_017136206.1| PREDICTED: gustatory receptor for sugar taste 64e isoform X
>gi|1036795119|ref|XP 017136211.1| PREDICTED: gustatory receptor for sugar taste 64d isoform X-
>gi|1036795081|ref|XP_017136208.1| PREDICTED: gustatory receptor for sugar taste 64c isoform X
>gi|1036795100|ref|XP_017136209.1| PREDICTED: gustatory receptor for sugar taste 64c isoform X
>gi|1036795065|ref|XP_017136207.1| PREDICTED: gustatory receptor for sugar taste 64c isoform X
>gi|1036795213|ref|XP_017136216.1| PREDICTED: gustatory receptor for sugar taste 64c-like isof
>gi|1036795194|ref|XP_017136215.1| PREDICTED: gustatory receptor for sugar taste 64c-like isof
>gi|1036795230|ref|XP_017136217.1| PREDICTED: gustatory receptor for sugar taste 64b [Drosophi
>gi|1036795008|ref|XP_017136204.1| PREDICTED: gustatory receptor for sugar taste 64a isoform X
>gi|1036794988|ref|XP_017136203.1| PREDICTED: gustatory receptor for sugar taste 64a isoform X
>gi|1036795139|ref|XP_017136212.1| PREDICTED: gustatory receptor for sugar taste 61a isoform X
>gi|1036795175|ref|XP_017136214.1| PREDICTED: gustatory receptor for sugar taste 61a isoform X
>gi|1036795156|ref|XP_017136213.1| PREDICTED: gustatory receptor for sugar taste 61a isoform X
>gi|1036794824|ref|XP_017136193.1| PREDICTED: centrosomal protein of 290 kDa isoform X1 [Droso
>gi|1036794843|ref|XP_017136194.1| PREDICTED: centrosomal protein of 290 kDa isoform X1 [Droso
>gi|1036794860|ref|XP_017136195.1| PREDICTED: centrosomal protein of 290 kDa isoform X2 [Droso
>gi|1036795267|ref|XP_017136219.1| PREDICTED: enoyl-CoA delta isomerase 2, mitochondrial-like
>gi|1036795248|ref|XP_017136218.1| PREDICTED: enoyl-CoA delta isomerase 2, mitochondrial-like
>gi|1036794938|ref|XP_017136200.1| PREDICTED: uncharacterized protein LOC108151835 [Drosophila
>gi|1036794879|ref|XP 017136197.1| PREDICTED: uncharacterized protein LOC108151834 isoform X1
>gi|1036794898|ref|XP_017136198.1| PREDICTED: uncharacterized protein LOC108151834 isoform X1
>gi|1036794918|ref|XP_017136199.1| PREDICTED: uncharacterized protein LOC108151834 isoform X2
>gi|1036781482|ref|XP 017135435.1| PREDICTED: nuclear receptor coactivator 6 [Drosophila mirane
>gi|1036781444|ref|XP_017135433.1| PREDICTED: monocarboxylate transporter 1 [Drosophila mirand
>gi|1036781463|ref|XP 017135434.1| PREDICTED: glycoprotein-N-acetylgalactosamine 3-beta-galact
>gi|1036805988|ref|XP_017136824.1| PREDICTED: uncharacterized protein LOC108152187 [Drosophila
>gi|1036805970|ref|XP 017136823.1| PREDICTED: gastrula zinc finger protein XlCGF53.1 [Drosophi
>gi|1036806098|ref|XP_017136825.1| PREDICTED: LOW QUALITY PROTEIN: glucose transporter type 1
>gi|1036846991|ref|XP_017139089.1| PREDICTED: protein FAM69C [Drosophila miranda]
>gi|1036838144|ref|XP_017138612.1| PREDICTED: uncharacterized protein LOC108153260 [Drosophila
>gi|1036838125|ref|XP_017138611.1| PREDICTED: myb-like protein AA [Drosophila miranda]
>gi|1036788823|ref|XP_017135855.1| PREDICTED: phosphatase and actin regulator 4 isoform X11 [Di
>gi|1036788750|ref|XP_017135850.1| PREDICTED: phosphatase and actin regulator 4 isoform X7 [Dref|XP_017135850.1]
>gi|1036788716|ref|XP_017135848.1| PREDICTED: neurogenic protein mastermind isoform X5 [Drosop
>gi|1036788697|ref|XP_017135847.1| PREDICTED: neurogenic protein mastermind isoform X4 [Drosop
>gi|1036788678|ref|XP_017135846.1| PREDICTED: neurogenic protein mastermind isoform X3 [Drosop
>gi|1036788659|ref|XP_017135845.1| PREDICTED: neurogenic protein mastermind isoform X2 [Drosop
>gi|1036788624|ref|XP_017135842.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
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>gi|1036788641|ref|XP_017135844.1| PREDICTED: neurogenic protein mastermind isoform X1 [Drosop
>gi|1036788767|ref|XP_017135851.1| PREDICTED: phosphatase and actin regulator 4 isoform X8 [Dref|XP_017135851.1]
>gi|1036788842|ref|XP 017135856.1| PREDICTED: phosphatase and actin regulator 2 isoform X12 [Di
>gi|1036788786|ref|XP_017135852.1| PREDICTED: phosphatase and actin regulator 2 isoform X9 [Dr
>gi|1036788804|ref|XP_017135853.1| PREDICTED: neurogenic protein mastermind isoform X10 [Droso
>gi|1036788736|ref|XP_017135849.1| PREDICTED: neurogenic protein mastermind isoform X6 [Drosop
>gi|1036788861|ref|XP 017135857.1| PREDICTED: sodium channel protein Nach [Drosophila miranda]
>gi|1036788912|ref|XP_017135859.1| PREDICTED: uncharacterized protein LOC108151651 [Drosophila
>gi|1036788879|ref|XP_017135858.1| PREDICTED: protein nutcracker [Drosophila miranda]
>gi|1036809606|ref|XP_017137017.1| PREDICTED: integrator complex subunit 10 [Drosophila mirand
>gi|1036809657|ref|XP_017137020.1| PREDICTED: mpv17-like protein 2 [Drosophila miranda]
>gi|1036809676|ref|XP 017137023.1| PREDICTED: mpv17-like protein 2 [Drosophila miranda]
>gi|1036809623|ref|XP_017137018.1| PREDICTED: GPI mannosyltransferase 3 isoform X1 [Drosophila
>gi|1036809640|ref|XP_017137019.1| PREDICTED: GPI mannosyltransferase 3 isoform X2 [Drosophila
>gi|1036806136|ref|XP_017136827.1| PREDICTED: rab11 family-interacting protein 4B isoform X2 [
>gi|1036806169|ref|XP_017136830.1| PREDICTED: rab11 family-interacting protein 4B isoform X4 [
>gi|1036806187|ref|XP_017136831.1| PREDICTED: rab11 family-interacting protein 4B isoform X5 [
>gi|1036806205|ref|XP_017136832.1| PREDICTED: rab11 family-interacting protein 4B isoform X6 [
>gi|1036806224|ref|XP_017136833.1| PREDICTED: rab11 family-interacting protein 4B isoform X7 [
>gi|1036806279|ref|XP_017136836.1| PREDICTED: peptidyl-prolyl cis-trans isomerase [Drosophila 1
>gi|1036806117|ref|XP_017136826.1| PREDICTED: bromodomain-containing protein DDB_G0280777 isof
>gi|1036806151|ref|XP 017136829.1| PREDICTED: bromodomain-containing protein DDB G0280777 isof
>gi|1036806243|ref|XP_017136834.1| PREDICTED: rab11 family-interacting protein 4B isoform X8 [
>gi|1036806262|ref|XP_017136835.1| PREDICTED: MAGE-like protein 2 [Drosophila miranda]
>gi|1036806297|ref|XP_017136837.1| PREDICTED: uncharacterized protein LOC108152194 [Drosophila
>gi|1036764444|ref|XP_017157118.1| PREDICTED: alpha/beta-gliadin A-V [Drosophila miranda]
>gi|1036806412|ref|XP_017136844.1| PREDICTED: frizzled isoform X1 [Drosophila miranda]
>gi|1036806433|ref|XP_017136845.1| PREDICTED: frizzled isoform X2 [Drosophila miranda]
>gi|1036806452|ref|XP_017136846.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1036851543|ref|XP_017139355.1| PREDICTED: uncharacterized protein LOC108153736 [Drosophila
>gi|1036839083|ref|XP_017138670.1| PREDICTED: uncharacterized protein LOC108153294 [Drosophila
>gi|1036759386|ref|XP_017156834.1| PREDICTED: digestive cysteine proteinase 1-like, partial [Di
>gi|1036787666|ref|XP 017135789.1| PREDICTED: uncharacterized protein LOC108151609 isoform X1
>gi|1036787681|ref|XP_017135790.1| PREDICTED: uncharacterized protein LOC108151609 isoform X2
>gi|1036787696|ref|XP 017135791.1| PREDICTED: uncharacterized protein LOC108151610 [Drosophila
>gi|1036787592|ref|XP_017135783.1| PREDICTED: uncharacterized protein LOC108151608 isoform X1
>gi|1036787607|ref|XP_017135785.1| PREDICTED: PDZ domain-containing protein 2 isoform X2 [Dros
>gi|1036787622|ref|XP_017135786.1| PREDICTED: PDZ domain-containing protein 2 isoform X3 [Dros
>gi|1036787637|ref|XP_017135787.1| PREDICTED: PDZ domain-containing protein 2 isoform X4 [Dros
>gi|1036787651|ref|XP_017135788.1| PREDICTED: PDZ domain-containing protein 2 isoform X5 [Dros
>gi|1036759403|ref|XP_017156835.1| PREDICTED: uncharacterized protein LOC108165311 [Drosophila
>gi|1036759420|ref|XP_017156836.1| PREDICTED: trypsin-1 [Drosophila miranda]
>gi|1036834033|ref|XP_017138370.1| PREDICTED: phosphate carrier protein, mitochondrial [Drosop
>gi|1036834049|ref|XP_017138371.1| PREDICTED: phosphate carrier protein, mitochondrial [Drosop
>gi|1036824733|ref|XP_017137852.1| PREDICTED: protein phosphatase 1 regulatory subunit 3C isof
>gi|1036824714|ref|XP_017137851.1| PREDICTED: protein phosphatase 1 regulatory subunit 3C isof
>gi|1036836428|ref|XP_017138509.1| PREDICTED: COMM domain-containing protein 4 [Drosophila mire
>gi|1036836466|ref|XP_017138511.1| PREDICTED: leucokinin [Drosophila miranda]
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>gi|1036836447|ref|XP_017138510.1| PREDICTED: tctex1 domain-containing protein 2 [Drosophila m
>gi|1036848088|ref|XP_017139150.1| PREDICTED: homeobox protein Nkx-6.1 [Drosophila miranda]
>gi|1036841523|ref|XP_017138804.1| PREDICTED: ecdysone 20-monooxygenase isoform X3 [Drosophila
>gi|1036841469|ref|XP_017138801.1| PREDICTED: ecdysone 20-monooxygenase isoform X1 [Drosophila
>gi|1036841486|ref|XP 017138802.1| PREDICTED: ecdysone 20-monooxygenase isoform X1 [Drosophila
>gi|1036841505|ref|XP_017138803.1| PREDICTED: ecdysone 20-monooxygenase isoform X2 [Drosophila
>gi|1036817367|ref|XP 017137445.1| PREDICTED: uncharacterized protein LOC108152545 isoform X1
>gi|1036817386|ref|XP_017137446.1| PREDICTED: uncharacterized protein LOC108152545 isoform X2
>gi|1036817407|ref|XP_017137447.1| PREDICTED: uncharacterized protein LOC108152545 isoform X2
>gi|1036817348|ref|XP_017137444.1| PREDICTED: ATP-dependent DNA helicase Q5 [Drosophila mirand
>gi|1036801968|ref|XP_017136600.1| PREDICTED: IQ motif and SEC7 domain-containing protein 2 is
>gi|1036802022|ref|XP_017136603.1| PREDICTED: IQ motif and SEC7 domain-containing protein 2 is
>gi|1036801984|ref|XP_017136601.1| PREDICTED: IQ motif and SEC7 domain-containing protein 2 is
>gi|1036802004|ref|XP_017136602.1| PREDICTED: IQ motif and SEC7 domain-containing protein 2 is
>gi|1036802040|ref|XP_017136605.1| PREDICTED: IQ motif and SEC7 domain-containing protein 2 is
>gi|1036791429|ref|XP_017136001.1| PREDICTED: protein alan shepard isoform X9 [Drosophila mirat
>gi|1036791502|ref|XP_017136006.1| PREDICTED: protein alan shepard isoform X13 [Drosophila mire
>gi|1036791447|ref|XP_017136002.1| PREDICTED: protein alan shepard isoform X10 [Drosophila mire
>gi|1036791393|ref|XP_017135999.1| PREDICTED: protein alan shepard isoform X7 [Drosophila mirated
>gi|1036791301|ref|XP 017135994.1| PREDICTED: protein alan shepard isoform X2 [Drosophila mira:
>gi|1036791412|ref|XP_017136000.1| PREDICTED: protein alan shepard isoform X8 [Drosophila mirated
>gi|1036791483|ref|XP_017136005.1| PREDICTED: protein alan shepard isoform X12 [Drosophila mire
>gi|1036791375|ref|XP_017135998.1| PREDICTED: protein alan shepard isoform X6 [Drosophila mirated
>gi|1036791356|ref|XP_017135997.1| PREDICTED: protein alan shepard isoform X5 [Drosophila mirat
>gi|1036791320|ref|XP_017135995.1| PREDICTED: protein alan shepard isoform X3 [Drosophila mirated
>gi|1036791338|ref|XP_017135996.1| PREDICTED: protein alan shepard isoform X4 [Drosophila mirated
>gi|1036791266|ref|XP_017135993.1| PREDICTED: protein alan shepard isoform X1 [Drosophila mirat
>gi|1036791465|ref|XP_017136004.1| PREDICTED: protein alan shepard isoform X11 [Drosophila mire
>gi|1036850180|ref|XP_017139275.1| PREDICTED: uncharacterized protein LOC108153672 [Drosophila
>gi|1036852180|ref|XP_017139395.1| PREDICTED: glutamate dehydrogenase, mitochondrial-like [Dros
>gi|1036767244|ref|XP_017134620.1| PREDICTED: uncharacterized protein LOC108150824 [Drosophila
>gi|1036767263|ref|XP_017134621.1| PREDICTED: uncharacterized protein LOC108150824 [Drosophila
>gi|1036766739|ref|XP 017134591.1| PREDICTED: ubiquitin-conjugating enzyme E2-22 kDa-like [Dro
>gi|1036821581|ref|XP_017137672.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1036759439|ref|XP 017156837.1| PREDICTED: uncharacterized protein LOC108165314 [Drosophila
>gi|1036821463|ref|XP_017137666.1| PREDICTED: uncharacterized protein LOC108152680 isoform X1
>gi|1036821484|ref|XP_017137667.1| PREDICTED: uncharacterized protein LOC108152680 isoform X2
>gi|1036821505|ref|XP_017137668.1| PREDICTED: uncharacterized protein LOC108152680 isoform X2
>gi|1036821525|ref|XP_017137669.1| PREDICTED: uncharacterized protein LOC108152681 isoform X1
>gi|1036821544|ref|XP_017137670.1| PREDICTED: uncharacterized protein LOC108152681 isoform X2
>gi|1036821444|ref|XP_017137665.1| PREDICTED: ATP-binding cassette sub-family A member 3 [Drose
>gi|1036821562|ref|XP_017137671.1| PREDICTED: uncharacterized protein LOC108152682 [Drosophila
>gi|1036799479|ref|XP_017136456.1| PREDICTED: junctional adhesion molecule A isoform X2 [Droso
>gi|1036799460|ref|XP_017136455.1| PREDICTED: fibroblast growth factor receptor-like 1 isoform
>gi|1036799536|ref|XP_017136460.1| PREDICTED: N-alpha-acetyltransferase daf-31 [Drosophila mire
>gi|1036799554|ref|XP_017136461.1| PREDICTED: small integral membrane protein 13 [Drosophila m
>gi|1036799517|ref|XP_017136458.1| PREDICTED: protein TSSC4 [Drosophila miranda]
>gi|1036799498|ref|XP_017136457.1| PREDICTED: caspase Dronc [Drosophila miranda]
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>gi|1036836151|ref|XP_017138493.1| PREDICTED: uncharacterized protein LOC108153189 isoform X1
>gi|1036836169|ref|XP_017138494.1| PREDICTED: uncharacterized protein LOC108153189 isoform X2
>gi|1036836186|ref|XP_017138495.1| PREDICTED: uncharacterized protein LOC108153189 isoform X3
>gi|1036836132|ref|XP_017138491.1| PREDICTED: SCY1-like protein 2 isoform X2 [Drosophila miran-
>gi|1036836113|ref|XP 017138490.1| PREDICTED: SCY1-like protein 2 isoform X1 [Drosophila miran
>gi|1036794728|ref|XP_017136188.1| PREDICTED: nuclear distribution protein nudE homolog isoform
>gi|1036794710|ref|XP_017136187.1| PREDICTED: nuclear distribution protein nudE homolog isoform
>gi|1036794748|ref|XP_017136189.1| PREDICTED: type 1 phosphatidylinositol 4,5-bisphosphate 4-p
>gi|1036794768|ref|XP_017136190.1| PREDICTED: type 1 phosphatidylinositol 4,5-bisphosphate 4-p
>gi|1036794786|ref|XP_017136191.1| PREDICTED: type 1 phosphatidylinositol 4,5-bisphosphate 4-p
>gi|1036794805|ref|XP_017136192.1| PREDICTED: uncharacterized protein LOC108151831 [Drosophila
>gi|1036794693|ref|XP_017136186.1| PREDICTED: calpain-B [Drosophila miranda]
>gi|1036814019|ref|XP_017137256.1| PREDICTED: transcription initiation factor TFIID subunit 2
>gi|1036814055|ref|XP_017137258.1| PREDICTED: ataxin-2 homolog isoform X2 [Drosophila miranda]
>gi|1036814037|ref|XP_017137257.1| PREDICTED: ataxin-2 homolog isoform X1 [Drosophila miranda]
>gi|1036818985|ref|XP_017137538.1| PREDICTED: glutamic acid-rich protein [Drosophila miranda]
>gi|1036842659|ref|XP_017138857.1| PREDICTED: uncharacterized Golgi apparatus membrane protein
>gi|1036842621|ref|XP_017138855.1| PREDICTED: uncharacterized Golgi apparatus membrane protein
>gi|1036842640|ref|XP_017138856.1| PREDICTED: uncharacterized Golgi apparatus membrane protein
>gi|1036842603|ref|XP 017138854.1| PREDICTED: uncharacterized Golgi apparatus membrane protein
>gi|1036797036|ref|XP_017136317.1| PREDICTED: spermine oxidase [Drosophila miranda]
>gi|1036797175|ref|XP 017136326.1| PREDICTED: transmembrane protein 60 [Drosophila miranda]
>gi|1036797193|ref|XP_017136327.1| PREDICTED: transmembrane protein 60 [Drosophila miranda]
>gi|1036797017|ref|XP_017136316.1| PREDICTED: proline-rich protein PRCC [Drosophila miranda]
>gi|1036797100|ref|XP_017136321.1| PREDICTED: protein brother isoform X4 [Drosophila miranda]
>gi|1036797052|ref|XP_017136318.1| PREDICTED: protein brother isoform X1 [Drosophila miranda]
>gi|1036797085|ref|XP_017136320.1| PREDICTED: protein brother isoform X3 [Drosophila miranda]
>gi|1036797068|ref|XP_017136319.1| PREDICTED: protein brother isoform X2 [Drosophila miranda]
>gi|1036797118|ref|XP_017136322.1| PREDICTED: protein brother isoform X5 [Drosophila miranda]
>gi|1036797156|ref|XP_017136325.1| PREDICTED: transmembrane protein 35 [Drosophila miranda]
>gi|1036797137|ref|XP_017136324.1| PREDICTED: vacuolar protein sorting-associated protein VTA1
>gi|1036785913|ref|XP_017135692.1| PREDICTED: peroxisomal membrane protein 2 [Drosophila mirane
>gi|1036785929|ref|XP_017135693.1| PREDICTED: peroxisomal membrane protein 2 [Drosophila mirane
>gi|1036785816|ref|XP_017135686.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036785778|ref|XP 017135684.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036785833|ref|XP_017135687.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036785797|ref|XP_017135685.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036785852|ref|XP_017135688.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036785875|ref|XP_017135690.1| PREDICTED: uncharacterized protein C9orf78 [Drosophila mirated]
>gi|1036785894|ref|XP_017135691.1| PREDICTED: 60S ribosomal protein L23a [Drosophila miranda]
>gi|1036764803|ref|XP_017157137.1| PREDICTED: ras-related protein Rab-34 [Drosophila miranda]
>gi|1036836651|ref|XP_017138522.1| PREDICTED: WD repeat-containing protein 78 [Drosophila mirated
>gi|1036836670|ref|XP_017138523.1| PREDICTED: WD repeat-containing protein 78 [Drosophila mirates
>gi|1036836616|ref|XP_017138521.1| PREDICTED: uncharacterized protein LOC108153210 [Drosophila
>gi|1036836689|ref|XP_017138524.1| PREDICTED: uncharacterized protein LOC108153212 [Drosophila
>gi|1036836710|ref|XP_017138525.1| PREDICTED: glycine-rich cell wall structural protein [Droso
>gi|1036792113|ref|XP_017136041.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792035|ref|XP_017136037.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
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>gi|1036792094|ref|XP_017136040.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792187|ref|XP_017136045.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792168|ref|XP_017136044.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792054|ref|XP_017136038.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792150|ref|XP 017136043.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792132|ref|XP_017136042.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036792073|ref|XP 017136039.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036791927|ref|XP_017136030.1| PREDICTED: protein still life, isoform SIF type 1 isoform X-
>gi|1036791946|ref|XP_017136031.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036791964|ref|XP_017136032.1| PREDICTED: protein still life, isoform SIF type 1 isoform X
>gi|1036791983|ref|XP_017136034.1| PREDICTED: protein still life, isoform SIF type 1 isoform X-
>gi|1036792001|ref|XP_017136035.1| PREDICTED: protein still life, isoform SIF type 1 isoform X-
>gi|1036792018|ref|XP_017136036.1| PREDICTED: protein still life, isoform SIF type 1 isoform X-
>gi|1036791908|ref|XP_017136029.1| PREDICTED: protein still life, isoforms C/SIF type 2 isoform
>gi|1036791890|ref|XP_017136028.1| PREDICTED: protein still life, isoforms C/SIF type 2 isoform
>gi|1036791871|ref|XP_017136027.1| PREDICTED: protein still life, isoforms C/SIF type 2 isoform
>gi|1036792202|ref|XP_017136046.1| PREDICTED: LOW QUALITY PROTEIN: separin [Drosophila miranda]
>gi|1036846308|ref|XP_017139049.1| PREDICTED: protein lin-28 homolog isoform X2 [Drosophila mi
>gi|1036846290|ref|XP_017139048.1| PREDICTED: protein lin-28 homolog isoform X1 [Drosophila mi
>gi|1036768887|ref|XP 017134707.1| PREDICTED: uncharacterized protein LOC108150904 isoform X2
>gi|1036768830|ref|XP_017134704.1| PREDICTED: uncharacterized protein LOC108150904 isoform X1
>gi|1036768849|ref|XP 017134705.1| PREDICTED: uncharacterized protein LOC108150904 isoform X1
>gi|1036768868|ref|XP_017134706.1| PREDICTED: uncharacterized protein LOC108150904 isoform X1
>gi|1036769248|ref|XP_017134729.1| PREDICTED: chromatin modification-related protein MEAF6 iso
>gi|1036769267|ref|XP_017134730.1| PREDICTED: chromatin modification-related protein MEAF6 iso
>gi|1036769286|ref|XP_017134731.1| PREDICTED: chromatin modification-related protein MEAF6 iso
>gi|1036769122|ref|XP_017134721.1| PREDICTED: transmembrane 9 superfamily member 3 [Drosophila
>gi|1036769194|ref|XP_017134726.1| PREDICTED: collagen alpha-2(IX) chain [Drosophila miranda]
>gi|1036769159|ref|XP_017134723.1| PREDICTED: membrane-bound alkaline phosphatase [Drosophila 1
>gi|1036769140|ref|XP_017134722.1| PREDICTED: membrane-bound alkaline phosphatase [Drosophila i
>gi|1036759457|ref|XP_017156838.1| PREDICTED: cytochrome P450 307a1 [Drosophila miranda]
>gi|1036768794|ref|XP_017134702.1| PREDICTED: serine/arginine repetitive matrix protein 2 [Dros
>gi|1036768811|ref|XP 017134703.1| PREDICTED: serine/arginine repetitive matrix protein 2 [Dros
>gi|1036769086|ref|XP_017134719.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036769105|ref|XP 017134720.1| PREDICTED: putative uncharacterized protein DDB G0271606 is
>gi|1036769305|ref|XP_017134733.1| PREDICTED: bladder cancer-associated protein [Drosophila mi
>gi|1036769322|ref|XP 017134734.1| PREDICTED: bladder cancer-associated protein [Drosophila min
>gi|1036769213|ref|XP_017134727.1| PREDICTED: CAAX prenyl protease 2 [Drosophila miranda]
>gi|1036769176|ref|XP_017134725.1| PREDICTED: succinyl-CoA ligase [GDP-forming] subunit beta,
>gi|1036769231|ref|XP_017134728.1| PREDICTED: uncharacterized protein LOC108150914 [Drosophila
>gi|1036768904|ref|XP_017134708.1| PREDICTED: collagen alpha-5(IV) chain isoform X1 [Drosophile
>gi|1036768922|ref|XP_017134709.1| PREDICTED: collagen alpha-5(IV) chain isoform X1 [Drosophile
>gi|1036768941|ref|XP_017134710.1| PREDICTED: collagen alpha-5(IV) chain isoform X2 [Drosophile
>gi|1036768960|ref|XP_017134711.1| PREDICTED: collagen alpha-1(X) chain isoform X3 [Drosophila
>gi|1036769001|ref|XP_017134713.1| PREDICTED: collagen alpha-1(X) chain isoform X5 [Drosophila
>gi|1036768982|ref|XP_017134712.1| PREDICTED: collagen alpha-1(I) chain isoform X4 [Drosophila
>gi|1036769018|ref|XP_017134714.1| PREDICTED: collagen alpha-1(I) chain isoform X6 [Drosophila
>gi|1036769035|ref|XP_017134716.1| PREDICTED: collagen alpha-1(I) chain isoform X6 [Drosophila
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>gi|1036769051|ref|XP_017134717.1| PREDICTED: collagen alpha-1(III) chain isoform X7 [Drosophi
>gi|1036769067|ref|XP_017134718.1| PREDICTED: collagen alpha-1(V) chain isoform X8 [Drosophila
>gi|1036766665|ref|XP_017134586.1| PREDICTED: prisilkin-39 isoform X2 [Drosophila miranda]
>gi|1036766646|ref|XP_017134585.1| PREDICTED: prisilkin-39 isoform X1 [Drosophila miranda]
>gi|1036852398|ref|XP 017139409.1| PREDICTED: neuropeptide Y receptor type 1 [Drosophila miran
>gi|1036768612|ref|XP_017134690.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1036767126|ref|XP 017134614.1| PREDICTED: uncharacterized protein LOC108150818 [Drosophila
>gi|1036759475|ref|XP_017156839.1| PREDICTED: uncharacterized protein LOC108165316 [Drosophila
>gi|1036784396|ref|XP_017135603.1| PREDICTED: probable prefoldin subunit 4 [Drosophila miranda]
>gi|1036784358|ref|XP_017135601.1| PREDICTED: probable Golgi SNAP receptor complex member 2 is
>gi|1036784341|ref|XP_017135600.1| PREDICTED: probable Golgi SNAP receptor complex member 2 is
>gi|1036784377|ref|XP_017135602.1| PREDICTED: ubiquitin-conjugating enzyme E2 variant 2 [Droso
>gi|1036784322|ref|XP_017135599.1| PREDICTED: cytochrome c1, heme protein, mitochondrial [Dros
>gi|1036784268|ref|XP_017135595.1| PREDICTED: kinesin-like protein KIF3A [Drosophila miranda]
>gi|1036784287|ref|XP_017135597.1| PREDICTED: putative phospholipase B-like lamina ancestor [Di
>gi|1036784306|ref|XP_017135598.1| PREDICTED: putative phospholipase B-like lamina ancestor [Di
>gi|1036843783|ref|XP_017138925.1| PREDICTED: protein alan shepard [Drosophila miranda]
>gi|1036843802|ref|XP 017138926.1| PREDICTED: protein alan shepard [Drosophila miranda]
>gi|1036759494|ref|XP_017156841.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036765309|ref|XP 017157163.1| PREDICTED: lachesin [Drosophila miranda]
>gi|1036766794|ref|XP_017134594.1| PREDICTED: ubiquitin-conjugating enzyme E2-22 kDa-like [Dros
>gi|1036767206|ref|XP 017134618.1| PREDICTED: uncharacterized protein LOC108150823 [Drosophila
>gi|1036767225|ref|XP_017134619.1| PREDICTED: uncharacterized protein LOC108150823 [Drosophila
>gi|1036843397|ref|XP_017138902.1| PREDICTED: uncharacterized protein LOC108153413 isoform X3
>gi|1036843338|ref|XP_017138897.1| PREDICTED: uncharacterized protein LOC108153413 isoform X1
>gi|1036843357|ref|XP_017138898.1| PREDICTED: uncharacterized protein LOC108153413 isoform X1
>gi|1036843377|ref|XP_017138901.1| PREDICTED: uncharacterized protein LOC108153413 isoform X2
>gi|1036843452|ref|XP_017138905.1| PREDICTED: uncharacterized protein LOC108153415 [Drosophila
>gi|1036843414|ref|XP_017138903.1| PREDICTED: uncharacterized protein LOC108153413 isoform X4
>gi|1036843433|ref|XP_017138904.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1036849873|ref|XP_017139256.1| PREDICTED: nucleolin [Drosophila miranda]
>gi|1036849892|ref|XP_017139257.1| PREDICTED: nucleolin [Drosophila miranda]
>gi|1036830552|ref|XP 017138183.1| PREDICTED: insulin-like growth factor-binding protein comple
>gi|1036830644|ref|XP_017138188.1| PREDICTED: phospholipid scramblase 1-like isoform X2 [Droso
>gi|1036830624|ref|XP 017138187.1| PREDICTED: phospholipid scramblase 1-like isoform X1 [Droso
>gi|1036830570|ref|XP_017138184.1| PREDICTED: phospholipid scramblase 2-like isoform X1 [Droso
>gi|1036830586|ref|XP 017138185.1| PREDICTED: phospholipid scramblase 2-like isoform X2 [Droso
>gi|1036830605|ref|XP_017138186.1| PREDICTED: phospholipid scramblase 1-like isoform X3 [Droso
>gi|1036825593|ref|XP_017137894.1| PREDICTED: odorant receptor 67c [Drosophila miranda]
>gi|1036825554|ref|XP_017137891.1| PREDICTED: odorant receptor 67d isoform X1 [Drosophila mirated
>gi|1036825572|ref|XP_017137892.1| PREDICTED: odorant receptor 67d isoform X2 [Drosophila mirated
>gi|1036825633|ref|XP_017137896.1| PREDICTED: uncharacterized protein LOC108152818 isoform X2
>gi|1036825652|ref|XP_017137897.1| PREDICTED: uncharacterized protein LOC108152818 isoform X3
>gi|1036825614|ref|XP_017137895.1| PREDICTED: uncharacterized protein LOC108152818 isoform X1
>gi|1036851326|ref|XP_017139341.1| PREDICTED: protein ariadne-1 [Drosophila miranda]
>gi|1036759513|ref|XP_017156842.1| PREDICTED: uncharacterized protein LOC108165319 [Drosophila
>gi|1036759532|ref|XP_017156843.1| PREDICTED: uncharacterized protein LOC108165320 [Drosophila
>gi|1036776402|ref|XP_017135128.1| PREDICTED: probable ATP-dependent RNA helicase DDX20 [Droso
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>gi|1036776855|ref|XP_017135156.1| PREDICTED: uncharacterized protein LOC108151197 [Drosophila
>gi|1036776838|ref|XP_017135155.1| PREDICTED: cytosol aminopeptidase [Drosophila miranda]
>gi|1036776687|ref|XP_017135145.1| PREDICTED: AF4/FMR2 family member 4 isoform X14 [Drosophila
>gi|1036776721|ref|XP_017135147.1| PREDICTED: homeotic protein female sterile isoform X16 [Dros
>gi|1036776637|ref|XP 017135142.1| PREDICTED: AF4/FMR2 family member 4 isoform X11 [Drosophila
>gi|1036776668|ref|XP_017135144.1| PREDICTED: AF4/FMR2 family member 4 isoform X13 [Drosophila
>gi|1036776421|ref|XP_017135129.1| PREDICTED: ecdysone-induced protein 74EF isoform X1 [Drosop
>gi|1036776551|ref|XP_017135136.1| PREDICTED: ecdysone-induced protein 74EF isoform X6 [Drosop
>gi|1036776532|ref|XP_017135135.1| PREDICTED: ecdysone-induced protein 74EF isoform X5 [Drosop
>gi|1036776588|ref|XP_017135138.1| PREDICTED: ecdysone-induced protein 74EF isoform X8 [Drosop
>gi|1036776651|ref|XP_017135143.1| PREDICTED: AF4/FMR2 family member 4 isoform X12 [Drosophila
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>gi|1036776570|ref|XP_017135137.1| PREDICTED: ecdysone-induced protein 74EF isoform X7 [Drosop
>gi|1036776607|ref|XP_017135139.1| PREDICTED: ecdysone-induced protein 74EF isoform X9 [Drosop
>gi|1036776623|ref|XP_017135140.1| PREDICTED: ecdysone-induced protein 74EF isoform X10 [Droso
>gi|1036776804|ref|XP_017135153.1| PREDICTED: ecdysone-induced protein 74EF isoform X19 [Droso
>gi|1036776821|ref|XP_017135154.1| PREDICTED: ecdysone-induced protein 74EF isoform X20 [Droso
>gi|1036776459|ref|XP_017135131.1| PREDICTED: ecdysone-induced protein 74EF isoform X3 [Drosop
>gi|1036776738|ref|XP_017135148.1| PREDICTED: homeotic protein female sterile isoform X17 [Dros
>gi|1036776755|ref|XP 017135149.1| PREDICTED: homeotic protein female sterile isoform X17 [Dro.
>gi|1036776771|ref|XP_017135150.1| PREDICTED: homeotic protein female sterile isoform X17 [Dros
>gi|1036776787|ref|XP_017135151.1| PREDICTED: homeotic protein female sterile isoform X18 [Drop
>gi|1036776478|ref|XP_017135132.1| PREDICTED: ecdysone-induced protein 74EF isoform X4 [Drosop
>gi|1036776497|ref|XP_017135133.1| PREDICTED: ecdysone-induced protein 74EF isoform X4 [Drosop:
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>gi|1036776703|ref|XP_017135146.1| PREDICTED: ecdysone-induced protein 74EF isoform X15 [Droso
>gi|1036776872|ref|XP_017135158.1| PREDICTED: uncharacterized protein LOC108151198 [Drosophila
>gi|1036759551|ref|XP_017156844.1| PREDICTED: cytosolic non-specific dipeptidase-like [Drosoph
>gi|1036852379|ref|XP_017139407.1| PREDICTED: UNC93-like protein isoform X2 [Drosophila mirand
>gi|1036852360|ref|XP_017139406.1| PREDICTED: UNC93-like protein isoform X1 [Drosophila mirand
>gi|1036766939|ref|XP_017134603.1| PREDICTED: uncharacterized protein LOC108150809 isoform X2
>gi|1036766920|ref|XP_017134602.1| PREDICTED: uncharacterized protein LOC108150809 isoform X1
>gi|1036768649|ref|XP_017134693.1| PREDICTED: uncharacterized protein LOC108150894 [Drosophila
>gi|1036767484|ref|XP_017134632.1| PREDICTED: uncharacterized protein LOC108150836 [Drosophila
>gi|1036765364|ref|XP 017157166.1| PREDICTED: uncharacterized protein LOC108165603 isoform X1
>gi|1036765378|ref|XP_017157167.1| PREDICTED: uncharacterized protein LOC108165603 isoform X2
>gi|1036765393|ref|XP_017157168.1| PREDICTED: uncharacterized protein LOC108165603 isoform X3
>gi|1036759570|ref|XP_017156845.1| PREDICTED: uncharacterized protein LOC108165322, partial [Di
>gi|1036782761|ref|XP_017135506.1| PREDICTED: chromosome transmission fidelity protein 8 homological protein 8
>gi|1036782691|ref|XP_017135502.1| PREDICTED: DNA excision repair protein haywire [Drosophila i
>gi|1036782709|ref|XP_017135503.1| PREDICTED: histone-lysine N-methyltransferase E(z) [Drosoph
>gi|1036782779|ref|XP_017135508.1| PREDICTED: nuclear envelope phosphatase-regulatory subunit
>gi|1036782728|ref|XP 017135504.1| PREDICTED: protein FAM49B isoform X1 [Drosophila miranda]
>gi|1036782745|ref|XP_017135505.1| PREDICTED: protein FAM49B isoform X2 [Drosophila miranda]
>gi|1036804980|ref|XP_017136766.1| PREDICTED: ankyrin repeat and MYND domain-containing protein
>gi|1036804999|ref|XP_017136767.1| PREDICTED: 1,2-dihydroxy-3-keto-5-methylthiopentene dioxyge
>gi|1036804942|ref|XP_017136764.1| PREDICTED: ras guanine nucleotide exchange factor P isoform
>gi|1036804961|ref|XP_017136765.1| PREDICTED: ras guanine nucleotide exchange factor P isoform
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>gi|1036805034|ref|XP 017136769.1| PREDICTED: U4/U6 small nuclear ribonucleoprotein Prp4 [Dros
>gi|1036805013|ref|XP_017136768.1| PREDICTED: solute carrier organic anion transporter family
>gi|1036805088|ref|XP_017136772.1| PREDICTED: uncharacterized protein LOC108152164 [Drosophila
>gi|1036759588|ref|XP_017156846.1| PREDICTED: uncharacterized protein LOC108165323 [Drosophila
>gi|1036805071|ref|XP 017136771.1| PREDICTED: uncharacterized protein LOC108152163 [Drosophila
>gi|1036805053|ref|XP_017136770.1| PREDICTED: cytochrome b-c1 complex subunit 8 [Drosophila mi
>gi|1036848950|ref|XP 017139200.1| PREDICTED: glycine receptor subunit alphaZ1 [Drosophila mire
>gi|1036847401|ref|XP_017139113.1| PREDICTED: MICOS complex subunit MIC13 homolog QIL1 [Drosop
>gi|1036795780|ref|XP_017136248.1| PREDICTED: uncharacterized protein LOC108151867 isoform X2
>gi|1036795727|ref|XP_017136245.1| PREDICTED: uncharacterized protein LOC108151867 isoform X1
>gi|1036795745|ref|XP_017136246.1| PREDICTED: uncharacterized protein LOC108151867 isoform X1
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>gi|1036795799|ref|XP_017136249.1| PREDICTED: RNA polymerase II degradation factor 1 [Drosophi
>gi|1036795817|ref|XP_017136250.1| PREDICTED: uncharacterized protein LOC108151870 [Drosophila
>gi|1036795836|ref|XP_017136251.1| PREDICTED: UDP-sugar transporter UST74c [Drosophila miranda]
>gi|1036795874|ref|XP_017136254.1| PREDICTED: ubiquinone biosynthesis protein COQ4 homolog, mi
>gi|1036795893|ref|XP_017136255.1| PREDICTED: ubiquinone biosynthesis protein COQ4 homolog, mi
>gi|1036795912|ref|XP 017136256.1| PREDICTED: ubiquinone biosynthesis protein COQ4 homolog, mi
>gi|1036795855|ref|XP_017136252.1| PREDICTED: RAB6-interacting golgin [Drosophila miranda]
>gi|1036769992|ref|XP 017134770.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC7 [Dr.
>gi|1036770030|ref|XP_017134772.1| PREDICTED: uncharacterized protein LOC108150950 isoform X1
>gi|1036770047|ref|XP 017134773.1| PREDICTED: uncharacterized protein LOC108150950 isoform X2
>gi|1036769895|ref|XP_017134765.1| PREDICTED: exocyst complex component 1 [Drosophila miranda]
>gi|1036769857|ref|XP_017134762.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036769876|ref|XP_017134764.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036769916|ref|XP_017134766.1| PREDICTED: LOW QUALITY PROTEIN: proline-rich extensin-like
>gi|1036759606|ref|XP_017156847.1| PREDICTED: uncharacterized protein LOC108165324 [Drosophila
>gi|1036769741|ref|XP_017134756.1| PREDICTED: cadherin-87A [Drosophila miranda]
>gi|1036769760|ref|XP_017134757.1| PREDICTED: cadherin-87A [Drosophila miranda]
>gi|1036769954|ref|XP_017134768.1| PREDICTED: basic helix-loop-helix neural transcription fact
>gi|1036769799|ref|XP_017134759.1| PREDICTED: uncharacterized protein LOC108150939 isoform X2
>gi|1036769779|ref|XP_017134758.1| PREDICTED: uncharacterized protein LOC108150939 isoform X1
>gi|1036769818|ref|XP 017134760.1| PREDICTED: uncharacterized protein LOC108150939 isoform X3
>gi|1036769837|ref|XP_017134761.1| PREDICTED: uncharacterized protein LOC108150939 isoform X4
>gi|1036770011|ref|XP 017134771.1| PREDICTED: allatostatins MIP [Drosophila miranda]
>gi|1036759625|ref|XP_017156848.1| PREDICTED: polycystic kidney disease 2-like 2 protein [Dros
>gi|1036759642|ref|XP 017156849.1| PREDICTED: uncharacterized protein LOC108165327 [Drosophila
>gi|1036769935|ref|XP_017134767.1| PREDICTED: transmembrane protein 209 [Drosophila miranda]
>gi|1036769973|ref|XP_017134769.1| PREDICTED: odorant receptor 74a [Drosophila miranda]
>gi|1036759658|ref|XP_017156850.1| PREDICTED: uncharacterized protein LOC108165328 [Drosophila
>gi|1036766761|ref|XP_017134592.1| PREDICTED: NADH-quinone oxidoreductase subunit E [Drosophile
>gi|1036766443|ref|XP_017134575.1| PREDICTED: uncharacterized protein LOC108150785 [Drosophila
>gi|1036832514|ref|XP_017138291.1| PREDICTED: UPF0687 protein C20orf27 homolog [Drosophila mire
>gi|1036792425|ref|XP_017136059.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792504|ref|XP_017136064.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792388|ref|XP_017136057.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792406|ref|XP_017136058.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792484|ref|XP_017136063.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
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>gi|1036792542|ref|XP_017136066.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792682|ref|XP_017136074.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036792646|ref|XP_017136072.1| PREDICTED: arginine-glutamic acid dipeptide repeats protein
>gi|1036818174|ref|XP_017137491.1| PREDICTED: tetratricopeptide repeat protein 28 [Drosophila i
>gi|1036818193|ref|XP_017137492.1| PREDICTED: tetratricopeptide repeat protein 28 [Drosophila 1
>gi|1036818212|ref|XP_017137493.1| PREDICTED: tetratricopeptide repeat protein 28 [Drosophila i
>gi|1036818231|ref|XP_017137494.1| PREDICTED: tetratricopeptide repeat protein 28 [Drosophila i
>gi|1036773858|ref|XP_017134991.1| PREDICTED: zinc finger CCCH domain-containing protein 3 [Dref|XP_017134991.1]
>gi|1036773747|ref|XP_017134984.1| PREDICTED: pseudouridylate synthase 7 homolog [Drosophila m
>gi|1036773982|ref|XP_017134998.1| PREDICTED: uncharacterized protein LOC108151109 [Drosophila
>gi|1036773802|ref|XP 017134987.1| PREDICTED: protein glass [Drosophila miranda]
>gi|1036773821|ref|XP_017134988.1| PREDICTED: protein glass [Drosophila miranda]
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>gi|1036773963|ref|XP_017134997.1| PREDICTED: pyrimidodiazepine synthase [Drosophila miranda]
>gi|1036773875|ref|XP_017134992.1| PREDICTED: pyrimidodiazepine synthase [Drosophila miranda]
>gi|1036773946|ref|XP_017134996.1| PREDICTED: pyrimidodiazepine synthase isoform X2 [Drosophile
>gi|1036773928|ref|XP_017134995.1| PREDICTED: pyrimidodiazepine synthase isoform X1 [Drosophile
>gi|1036773894|ref|XP_017134993.1| PREDICTED: pyrimidodiazepine synthase isoform X1 [Drosophile
>gi|1036773909|ref|XP_017134994.1| PREDICTED: pyrimidodiazepine synthase isoform X2 [Drosophile
>gi|1036773766|ref|XP_017134985.1| PREDICTED: zinc transporter foi [Drosophila miranda]
>gi|1036773785|ref|XP_017134986.1| PREDICTED: zinc transporter foi [Drosophila miranda]
>gi|1036790045|ref|XP_017135925.1| PREDICTED: zinc finger protein 345 [Drosophila miranda]
>gi|1036790011|ref|XP_017135923.1| PREDICTED: E3 ubiquitin-protein ligase SHPRH isoform X2 [Dref|XP_017135923.1]
>gi|1036790027|ref|XP_017135924.1| PREDICTED: zinc finger protein 91 [Drosophila miranda]
>gi|1036801261|ref|XP 017136558.1| PREDICTED: serine/threonine-protein phosphatase 6 regulator
>gi|1036801280|ref|XP_017136559.1| PREDICTED: serine/threonine-protein phosphatase 6 regulator
>gi|1036801301|ref|XP 017136560.1| PREDICTED: serine/threonine-protein phosphatase 6 regulator
>gi|1036764770|ref|XP_017157135.1| PREDICTED: Krueppel-like factor 7 [Drosophila miranda]
>gi|1036764787|ref|XP_017157136.1| PREDICTED: pupal cuticle protein 20 [Drosophila miranda]
>gi|1036768630|ref|XP_017134692.1| PREDICTED: uncharacterized protein LOC108150893 [Drosophila
>gi|1036768004|ref|XP_017134658.1| PREDICTED: uncharacterized protein LOC108150866 [Drosophila
>gi|1036765832|ref|XP_017134542.1| PREDICTED: endocuticle structural protein SgAbd-6 [Drosophi
>gi|1036765852|ref|XP_017134543.1| PREDICTED: endocuticle structural glycoprotein ABD-5 [Droso
>gi|1036767559|ref|XP_017134636.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036764187|ref|XP_017157105.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036764205|ref|XP_017157106.1| PREDICTED: larval cuticle protein 5-like [Drosophila mirand
>gi|1036766577|ref|XP_017134583.1| PREDICTED: larval cuticle protein 8 [Drosophila miranda]
>gi|1036767795|ref|XP_017134645.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
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>gi|1036766902|ref|XP_017134601.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
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>gi|1036766721|ref|XP 017134590.1| PREDICTED: endocuticle structural protein SgAbd-6 [Drosophi
>gi|1036764353|ref|XP_017157115.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036764373|ref|XP 017157116.1| PREDICTED: larval cuticle protein 8-like [Drosophila mirand
>gi|1036849855|ref|XP_017139255.1| PREDICTED: protein lethal(3)malignant blood neoplasm 1 [Dros
>gi|1036849193|ref|XP_017139214.1| PREDICTED: DNA-binding protein D-ETS-3 isoform X1 [Drosophi
>gi|1036849211|ref|XP_017139215.1| PREDICTED: DNA-binding protein D-ETS-3 isoform X2 [Drosophi
>gi|1036759675|ref|XP_017156852.1| PREDICTED: DNA-binding protein D-ETS-3-like [Drosophila mire
>gi|1036842968|ref|XP 017138877.1| PREDICTED: transmembrane emp24 domain-containing protein B
>gi|1036797790|ref|XP_017136360.1| PREDICTED: aldose 1-epimerase [Drosophila miranda]
>gi|1036797810|ref|XP_017136361.1| PREDICTED: brachyurin [Drosophila miranda]
>gi|1036797677|ref|XP_017136354.1| PREDICTED: protein SCAI isoform X4 [Drosophila miranda]
>gi|1036797644|ref|XP_017136352.1| PREDICTED: protein SCAI isoform X2 [Drosophila miranda]
>gi|1036797661|ref|XP_017136353.1| PREDICTED: protein SCAI isoform X3 [Drosophila miranda]
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>gi|1036797826|ref|XP 017136362.1| PREDICTED: U6 snRNA-associated Sm-like protein LSm5 [Drosop
>gi|1036797710|ref|XP_017136357.1| PREDICTED: T-cell activation inhibitor, mitochondrial isofo
>gi|1036797694|ref|XP_017136356.1| PREDICTED: T-cell activation inhibitor, mitochondrial isofo
>gi|1036797752|ref|XP_017136358.1| PREDICTED: T-cell activation inhibitor, mitochondrial isofo
>gi|1036797771|ref|XP_017136359.1| PREDICTED: uncharacterized protein LOC108151939 [Drosophila
>gi|1036815454|ref|XP_017137337.1| PREDICTED: organic cation transporter protein isoform X1 [Di
>gi|1036815473|ref|XP_017137338.1| PREDICTED: organic cation transporter protein isoform X2 [Di
>gi|1036815503|ref|XP_017137339.1| PREDICTED: organic cation transporter protein isoform X3 [Di
>gi|1036815567|ref|XP_017137342.1| PREDICTED: brachyurin-like [Drosophila miranda]
>gi|1036759695|ref|XP_017156853.1| PREDICTED: LOW QUALITY PROTEIN: brachyurin-like [Drosophila
>gi|1036815525|ref|XP_017137340.1| PREDICTED: transmembrane protease serine 12 [Drosophila mire
>gi|1036815548|ref|XP 017137341.1| PREDICTED: protein tantalus [Drosophila miranda]
>gi|1036815646|ref|XP_017137347.1| PREDICTED: serine proteases 1/2 [Drosophila miranda]
>gi|1036815628|ref|XP 017137346.1| PREDICTED: serine proteases 1/2 [Drosophila miranda]
>gi|1036815605|ref|XP_017137345.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036815588|ref|XP 017137344.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
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>gi|1036759732|ref|XP_017156855.1| PREDICTED: brachyurin [Drosophila miranda]
>gi|1036846510|ref|XP_017139062.1| PREDICTED: tensin-1 isoform X2 [Drosophila miranda]
>gi|1036846472|ref|XP_017139060.1| PREDICTED: protein sprint isoform X1 [Drosophila miranda]
>gi|1036846491|ref|XP_017139061.1| PREDICTED: protein sprint isoform X1 [Drosophila miranda]
>gi|1036846529|ref|XP_017139063.1| PREDICTED: serine protease 3-like [Drosophila miranda]
>gi|1036846548|ref|XP_017139064.1| PREDICTED: serine protease 3-like [Drosophila miranda]
>gi|1036846567|ref|XP_017139065.1| PREDICTED: serine protease 3-like [Drosophila miranda]
>gi|1036828928|ref|XP_017138088.1| PREDICTED: tensin-4 isoform X1 [Drosophila miranda]
>gi|1036828947|ref|XP_017138089.1| PREDICTED: uncharacterized protein LOC108152920 isoform X2
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>gi|1036833857|ref|XP_017138359.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036833874|ref|XP_017138360.1| PREDICTED: DNA N6-methyl adenine demethylase [Drosophila mi
>gi|1036836748|ref|XP_017138527.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036836765|ref|XP_017138529.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036836838|ref|XP_017138533.1| PREDICTED: peptidoglycan-recognition protein LD isoform X4
>gi|1036836819|ref|XP_017138532.1| PREDICTED: peptidoglycan-recognition protein LD isoform X3
>gi|1036836801|ref|XP_017138531.1| PREDICTED: peptidoglycan-recognition protein LD isoform X2
>gi|1036836783|ref|XP_017138530.1| PREDICTED: peptidoglycan-recognition protein LD isoform X1
>gi|1036836857|ref|XP_017138534.1| PREDICTED: peptidoglycan-recognition protein LD isoform X5
>gi|1036836878|ref|XP_017138535.1| PREDICTED: transmembrane protein 11 homolog, mitochondrial
>gi|1036836897|ref|XP_017138536.1| PREDICTED: transmembrane protein 11 homolog, mitochondrial
>gi|1036837237|ref|XP 017138556.1| PREDICTED: membrane-associated tyrosine- and threonine-spec
>gi|1036837256|ref|XP_017138557.1| PREDICTED: membrane-associated tyrosine- and threonine-spec
>gi|1036803499|ref|XP_017136683.1| PREDICTED: nucleolar protein 12 [Drosophila miranda]
>gi|1036803442|ref|XP_017136680.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 36 isoform
>gi|1036803460|ref|XP_017136681.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 36 isoform
>gi|1036817291|ref|XP_017137441.1| PREDICTED: bifunctional coenzyme A synthase [Drosophila mire
>gi|1036817329|ref|XP_017137443.1| PREDICTED: thioredoxin-like protein 1 [Drosophila miranda]
>gi|1036817310|ref|XP_017137442.1| PREDICTED: proliferation-associated protein 2G4 [Drosophila
>gi|1036805557|ref|XP_017136799.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 64E [Droso
>gi|1036805576|ref|XP_017136800.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 64E [Droso
>gi|1036805595|ref|XP 017136801.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 64E [Droso
>gi|1036844482|ref|XP_017138961.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036844499|ref|XP_017138962.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop.
>gi|1036829057|ref|XP_017138096.1| PREDICTED: R3H and coiled-coil domain-containing protein 1
>gi|1036829074|ref|XP_017138097.1| PREDICTED: R3H and coiled-coil domain-containing protein 1
>gi|1036826962|ref|XP_017137975.1| PREDICTED: peroxiredoxin-2 [Drosophila miranda]
>gi|1036826981|ref|XP_017137976.1| PREDICTED: peroxiredoxin-2 [Drosophila miranda]
>gi|1036827000|ref|XP_017137977.1| PREDICTED: peroxiredoxin-2 [Drosophila miranda]
>gi|1036826923|ref|XP_017137973.1| PREDICTED: phospholipid scramblase 1 isoform X1 [Drosophila
>gi|1036826941|ref|XP_017137974.1| PREDICTED: phospholipid scramblase 2 isoform X2 [Drosophila
>gi|1036839630|ref|XP_017138696.1| PREDICTED: ankyrin repeat domain-containing protein 54 [Dros
>gi|1036827038|ref|XP 017137979.1| PREDICTED: 85/88 kDa calcium-independent phospholipase A2 is
>gi|1036827019|ref|XP_017137978.1| PREDICTED: 85/88 kDa calcium-independent phospholipase A2 i
>gi|1036808148|ref|XP_017136940.1| PREDICTED: protein phosphatase inhibitor 2 isoform X1 [Dros
>gi|1036808167|ref|XP_017136941.1| PREDICTED: protein phosphatase inhibitor 2 isoform X2 [Dros
>gi|1036808075|ref|XP_017136936.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036808020|ref|XP_017136933.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036808039|ref|XP_017136934.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036808001|ref|XP_017136932.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036808111|ref|XP_017136938.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036808056|ref|XP_017136935.1| PREDICTED: putative uncharacterized protein DDB_G0271606 is
>gi|1036808092|ref|XP_017136937.1| PREDICTED: uncharacterized protein LOC108152243 isoform X6
>gi|1036808271|ref|XP_017136947.1| PREDICTED: probable insulin-like peptide 5 [Drosophila mirate
>gi|1036808130|ref|XP_017136939.1| PREDICTED: acid sphingomyelinase-like phosphodiesterase 3b
>gi|1036808220|ref|XP_017136944.1| PREDICTED: probable insulin-like peptide 4 isoform X1 [Dros
>gi|1036808236|ref|XP_017136945.1| PREDICTED: probable insulin-like peptide 4 isoform X2 [Dros
>gi|1036808253|ref|XP_017136946.1| PREDICTED: probable insulin-like peptide 4 isoform X3 [Dros
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>gi|1036808290|ref|XP_017136948.1| PREDICTED: probable insulin-like peptide 3 [Drosophila mirated
>gi|1036808202|ref|XP_017136943.1| PREDICTED: probable insulin-like peptide 2 [Drosophila mirated
>gi|1036808184|ref|XP_017136942.1| PREDICTED: probable insulin-like peptide 1 [Drosophila mirate
>gi|1036807925|ref|XP_017136927.1| PREDICTED: synaptopodin 2-like protein isoform X1 [Drosophi
>gi|1036807944|ref|XP 017136929.1| PREDICTED: synaptopodin 2-like protein isoform X2 [Drosophi
>gi|1036807963|ref|XP_017136930.1| PREDICTED: synaptopodin 2-like protein isoform X3 [Drosophi
>gi|1036807981|ref|XP_017136931.1| PREDICTED: synaptopodin 2-like protein isoform X4 [Drosophi
>gi|1036822438|ref|XP_017137720.1| PREDICTED: anion exchange protein 3 isoform X2 [Drosophila is
>gi|1036822402|ref|XP_017137718.1| PREDICTED: anion exchange protein 2 isoform X1 [Drosophila in
>gi|1036822419|ref|XP_017137719.1| PREDICTED: anion exchange protein 2 isoform X1 [Drosophila in
>gi|1036820285|ref|XP_017137608.1| PREDICTED: homeobox protein prospero isoform X1 [Drosophila
>gi|1036820302|ref|XP_017137609.1| PREDICTED: homeobox protein prospero isoform X2 [Drosophila
>gi|1036820318|ref|XP_017137610.1| PREDICTED: homeobox protein prospero isoform X3 [Drosophila
>gi|1036820335|ref|XP_017137611.1| PREDICTED: homeobox protein prospero isoform X4 [Drosophila
>gi|1036820388|ref|XP_017137614.1| PREDICTED: homeobox protein prospero isoform X7 [Drosophila
>gi|1036820405|ref|XP_017137615.1| PREDICTED: homeobox protein prospero isoform X8 [Drosophila
>gi|1036820424|ref|XP_017137616.1| PREDICTED: homeobox protein prospero isoform X9 [Drosophila
>gi|1036820353|ref|XP_017137612.1| PREDICTED: homeobox protein prospero isoform X5 [Drosophila
>gi|1036820463|ref|XP_017137619.1| PREDICTED: homeobox protein prospero isoform X11 [Drosophile
>gi|1036820369|ref|XP_017137613.1| PREDICTED: homeobox protein prospero isoform X6 [Drosophila
>gi|1036820443|ref|XP_017137617.1| PREDICTED: homeobox protein prospero isoform X10 [Drosophile
>gi|1036820482|ref|XP_017137620.1| PREDICTED: insulin-like growth factor-binding protein comple
>gi|1036820499|ref|XP_017137621.1| PREDICTED: ATP synthase subunit b, mitochondrial [Drosophile
>gi|1036837200|ref|XP_017138554.1| PREDICTED: N-alpha-acetyltransferase 60 isoform X2 [Drosoph
>gi|1036837164|ref|XP_017138552.1| PREDICTED: N-alpha-acetyltransferase 60 isoform X1 [Drosoph
>gi|1036837182|ref|XP_017138553.1| PREDICTED: N-alpha-acetyltransferase 60 isoform X1 [Drosoph
>gi|1036759752|ref|XP_017156856.1| PREDICTED: integrator complex subunit 7 [Drosophila miranda]
>gi|1036817195|ref|XP_017137435.1| PREDICTED: nibrin [Drosophila miranda]
>gi|1036817252|ref|XP_017137438.1| PREDICTED: uncharacterized protein LOC108152539 [Drosophila
>gi|1036817270|ref|XP_017137439.1| PREDICTED: adrenodoxin [Drosophila miranda]
>gi|1036817214|ref|XP_017137436.1| PREDICTED: uncharacterized protein LOC108152538 isoform X1
>gi|1036817233|ref|XP_017137437.1| PREDICTED: uncharacterized protein LOC108152538 isoform X2
>gi|1036793701|ref|XP 017136128.1| PREDICTED: claspin [Drosophila miranda]
>gi|1036793757|ref|XP_017136131.1| PREDICTED: peroxisomal membrane protein PMP34 [Drosophila m
>gi|1036793739|ref|XP 017136130.1| PREDICTED: THUMP domain-containing protein 1 homolog [Droso
>gi|1036793720|ref|XP_017136129.1| PREDICTED: lysine-specific demethylase 8 [Drosophila mirand
>gi|1036793773|ref|XP_017136133.1| PREDICTED: B-cell receptor-associated protein 31 [Drosophile
>gi|1036793795|ref|XP_017136134.1| PREDICTED: B-cell receptor-associated protein 31 [Drosophile
>gi|1036793812|ref|XP_017136135.1| PREDICTED: protein DPCD [Drosophila miranda]
>gi|1036793868|ref|XP_017136136.1| PREDICTED: uncharacterized protein LOC108151797 [Drosophila
>gi|1036842984|ref|XP_017138878.1| PREDICTED: UPF0415 protein C7orf25 homolog [Drosophila mirated protein C7orf25 homolog | Drosophila mirated protein C7orf
>gi|1036834602|ref|XP_017138400.1| PREDICTED: uncharacterized protein LOC108153123 [Drosophila
>gi|1036834585|ref|XP_017138399.1| PREDICTED: dimethyladenosine transferase 1, mitochondrial [
>gi|1036834621|ref|XP_017138402.1| PREDICTED: cytochrome c oxidase assembly factor 3, mitochone
>gi|1036816225|ref|XP_017137379.1| PREDICTED: F-box only protein 32 [Drosophila miranda]
>gi|1036816244|ref|XP_017137381.1| PREDICTED: F-box only protein 32 [Drosophila miranda]
>gi|1036816263|ref|XP_017137382.1| PREDICTED: F-box only protein 32 [Drosophila miranda]
>gi|1036816282|ref|XP_017137383.1| PREDICTED: F-box only protein 32 [Drosophila miranda]
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>gi|1036816152|ref|XP_017137375.1| PREDICTED: dynein intermediate chain 3, ciliary [Drosophila
>gi|1036816171|ref|XP_017137376.1| PREDICTED: diphthamide biosynthesis protein 1 [Drosophila m
>gi|1036816188|ref|XP_017137377.1| PREDICTED: diphthamide biosynthesis protein 1 [Drosophila m
>gi|1036816206|ref|XP_017137378.1| PREDICTED: diphthamide biosynthesis protein 1 [Drosophila m
>gi|1036801688|ref|XP 017136583.1| PREDICTED: uncharacterized protein LOC108152071 [Drosophila
>gi|1036801706|ref|XP_017136584.1| PREDICTED: uncharacterized protein LOC108152071 [Drosophila
>gi|1036801724|ref|XP_017136585.1| PREDICTED: biogenesis of lysosome-related organelles complex
>gi|1036801653|ref|XP_017136581.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801634|ref|XP_017136580.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801672|ref|XP_017136582.1| PREDICTED: general transcription factor IIE subunit 1 [Dros
>gi|1036839157|ref|XP_017138675.1| PREDICTED: F-box/LRR-repeat protein 16 isoform X1 [Drosophi
>gi|1036839176|ref|XP_017138676.1| PREDICTED: F-box/LRR-repeat protein 16 isoform X2 [Drosophi
>gi|1036839194|ref|XP_017138677.1| PREDICTED: uncharacterized protein LOC108153298 [Drosophila
>gi|1036816592|ref|XP_017137401.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC8 [Drawn of the content of the conten
>gi|1036816573|ref|XP_017137400.1| PREDICTED: serine/threonine-protein kinase RIO1 [Drosophila
>gi|1036816534|ref|XP_017137397.1| PREDICTED: ATP-binding cassette sub-family G member 1 isofo
>gi|1036816553|ref|XP_017137399.1| PREDICTED: ATP-binding cassette sub-family G member 1 isofo
>gi|1036833084|ref|XP 017138324.1| PREDICTED: acyl-protein thioesterase 1 isoform X1 [Drosophi
>gi|1036833102|ref|XP_017138325.1| PREDICTED: acyl-protein thioesterase 1 isoform X1 [Drosophi
>gi|1036833121|ref|XP 017138326.1| PREDICTED: acyl-protein thioesterase 1 isoform X1 [Drosophi
>gi|1036833138|ref|XP_017138328.1| PREDICTED: acyl-protein thioesterase 1 isoform X1 [Drosophi
>gi|1036833156|ref|XP_017138329.1| PREDICTED: acyl-protein thioesterase 1 isoform X1 [Drosophi
>gi|1036833229|ref|XP_017138333.1| PREDICTED: acyl-protein thioesterase 1 isoform X3 [Drosophi
>gi|1036833174|ref|XP_017138330.1| PREDICTED: acyl-protein thioesterase 1 isoform X2 [Drosophi
>gi|1036833193|ref|XP_017138331.1| PREDICTED: acyl-protein thioesterase 1 isoform X2 [Drosophi
>gi|1036833212|ref|XP_017138332.1| PREDICTED: acyl-protein thioesterase 1 isoform X2 [Drosophi
>gi|1036838610|ref|XP_017138643.1| PREDICTED: PCI domain-containing protein 2 homolog [Drosoph
>gi|1036848678|ref|XP_017139184.1| PREDICTED: uncharacterized protein LOC108153603 isoform X2
>gi|1036848659|ref|XP_017139183.1| PREDICTED: uncharacterized protein LOC108153603 isoform X1
>gi|1036848640|ref|XP_017139182.1| PREDICTED: alcohol dehydrogenase [NADP(+)] [Drosophila mirated
>gi|1036842273|ref|XP_017138839.1| PREDICTED: aldose reductase isoform X1 [Drosophila miranda]
>gi|1036842328|ref|XP_017138840.1| PREDICTED: aldose reductase isoform X2 [Drosophila miranda]
>gi|1036849429|ref|XP_017139229.1| PREDICTED: putative protein TPRXL [Drosophila miranda]
>gi|1036849413|ref|XP_017139227.1| PREDICTED: uncharacterized serine-rich protein C215.13-like
>gi|1036830884|ref|XP 017138202.1| PREDICTED: uncharacterized protein LOC108152986 isoform X1
>gi|1036830922|ref|XP_017138204.1| PREDICTED: uncharacterized protein LOC108152986 isoform X3
>gi|1036830903|ref|XP 017138203.1| PREDICTED: uncharacterized protein LOC108152986 isoform X2
>gi|1036830943|ref|XP_017138205.1| PREDICTED: uncharacterized protein LOC108152986 isoform X4
>gi|1036823934|ref|XP_017137805.1| PREDICTED: zinc finger protein sens [Drosophila miranda]
>gi|1036823953|ref|XP_017137806.1| PREDICTED: zinc finger protein sens [Drosophila miranda]
>gi|1036823971|ref|XP_017137807.1| PREDICTED: zinc finger protein sens [Drosophila miranda]
>gi|1036824063|ref|XP_017137813.1| PREDICTED: uncharacterized protein LOC108152760 [Drosophila
>gi|1036824046|ref|XP_017137812.1| PREDICTED: protein new-glue 3-like [Drosophila miranda]
>gi|1036823897|ref|XP_017137803.1| PREDICTED: protein O-mannosyltransferase 1 [Drosophila mirat
>gi|1036823916|ref|XP_017137804.1| PREDICTED: protein O-mannosyltransferase 1 [Drosophila mirates
>gi|1036823990|ref|XP_017137809.1| PREDICTED: uncharacterized protein LOC108152757 [Drosophila
>gi|1036824029|ref|XP_017137811.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036824010|ref|XP_017137810.1| PREDICTED: mitochondrial import inner membrane translocase
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>gi|1036799366|ref|XP_017136450.1| PREDICTED: MOB kinase activator-like 2 isoform X4 [Drosophi
>gi|1036799328|ref|XP_017136448.1| PREDICTED: MOB kinase activator-like 2 isoform X2 [Drosophi
>gi|1036799309|ref|XP_017136447.1| PREDICTED: MOB kinase activator-like 2 isoform X1 [Drosophi
>gi|1036799422|ref|XP_017136453.1| PREDICTED: salivary glue protein Sgs-3-like [Drosophila mire
>gi|1036799347|ref|XP 017136449.1| PREDICTED: MOB kinase activator-like 2 isoform X3 [Drosophi
>gi|1036799385|ref|XP_017136451.1| PREDICTED: putative alpha-L-fucosidase [Drosophila miranda]
>gi|1036799404|ref|XP_017136452.1| PREDICTED: salivary glue protein Sgs-3-like [Drosophila mire
>gi|1036759771|ref|XP_017156857.1| PREDICTED: uncharacterized protein LOC108165334 [Drosophila
>gi|1036799441|ref|XP_017136454.1| PREDICTED: salivary glue protein Sgs-3-like [Drosophila mire
>gi|1036806637|ref|XP_017136857.1| PREDICTED: protein charybde isoform X2 [Drosophila miranda]
>gi|1036806619|ref|XP_017136856.1| PREDICTED: protein charybde isoform X1 [Drosophila miranda]
>gi|1036847028|ref|XP 017139091.1| PREDICTED: uncharacterized protein LOC108153537 isoform X2
>gi|1036847009|ref|XP_017139090.1| PREDICTED: uncharacterized protein LOC108153537 isoform X1
>gi|1036759788|ref|XP_017156858.1| PREDICTED: ketohexokinase [Drosophila miranda]
>gi|1036850578|ref|XP_017139297.1| PREDICTED: ketohexokinase [Drosophila miranda]
>gi|1036806526|ref|XP_017136850.1| PREDICTED: uncharacterized protein LOC108152202 [Drosophila
>gi|1036806582|ref|XP_017136853.1| PREDICTED: androgen-induced gene 1 protein [Drosophila mirated]
>gi|1036806489|ref|XP_017136848.1| PREDICTED: methylenetetrahydrofolate reductase 1 [Drosophile
>gi|1036806601|ref|XP_017136855.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036806545|ref|XP 017136851.1| PREDICTED: eukaryotic translation initiation factor 4H [Dro
>gi|1036806471|ref|XP_017136847.1| PREDICTED: YLP motif-containing protein 1 [Drosophila miran-
>gi|1036806563|ref|XP 017136852.1| PREDICTED: uncharacterized protein LOC108152205 [Drosophila
>gi|1036806507|ref|XP_017136849.1| PREDICTED: glutaminyl-peptide cyclotransferase-like protein
>gi|1036759807|ref|XP_017156859.1| PREDICTED: CAAX prenyl protease 1 homolog [Drosophila miran
>gi|1036840850|ref|XP_017138764.1| PREDICTED: AF4/FMR2 family member 4 [Drosophila miranda]
>gi|1036848257|ref|XP_017139160.1| PREDICTED: gamma-tubulin complex component 2 homolog isoform
>gi|1036848238|ref|XP_017139159.1| PREDICTED: gamma-tubulin complex component 2 homolog isoform
>gi|1036833947|ref|XP_017138364.1| PREDICTED: protein scylla [Drosophila miranda]
>gi|1036814350|ref|XP_017137274.1| PREDICTED: uncharacterized protein LOC108152442 isoform X1
>gi|1036814369|ref|XP_017137277.1| PREDICTED: uncharacterized protein LOC108152442 isoform X2
>gi|1036814213|ref|XP_017137267.1| PREDICTED: uncharacterized protein LOC108152440 isoform X1
>gi|1036814232|ref|XP_017137268.1| PREDICTED: uncharacterized protein LOC108152440 isoform X1
>gi|1036814253|ref|XP_017137269.1| PREDICTED: uncharacterized protein LOC108152440 isoform X1
>gi|1036814272|ref|XP_017137270.1| PREDICTED: uncharacterized protein LOC108152440 isoform X1
>gi|1036814291|ref|XP 017137271.1| PREDICTED: uncharacterized protein LOC108152440 isoform X1
>gi|1036814329|ref|XP_017137273.1| PREDICTED: uncharacterized protein LOC108152440 isoform X3
>gi|1036814310|ref|XP 017137272.1| PREDICTED: uncharacterized protein LOC108152440 isoform X2
>gi|1036810546|ref|XP_017137070.1| PREDICTED: protein FAM91A1 [Drosophila miranda]
>gi|1036810491|ref|XP_017137067.1| PREDICTED: ubiquitin-protein ligase E3A isoform X1 [Drosoph
>gi|1036810509|ref|XP_017137068.1| PREDICTED: ubiquitin-protein ligase E3A isoform X2 [Drosoph
>gi|1036810528|ref|XP_017137069.1| PREDICTED: ubiquitin-protein ligase E3A isoform X3 [Drosoph
>gi|1036825126|ref|XP_017137872.1| PREDICTED: procollagen-lysine,2-oxoglutarate 5-dioxygenase
>gi|1036825144|ref|XP 017137873.1| PREDICTED: immunoglobulin domain-containing protein oig-1
>gi|1036825164|ref|XP_017137874.1| PREDICTED: immunoglobulin domain-containing protein oig-1 [
>gi|1036824867|ref|XP_017137858.1| PREDICTED: galactosylgalactosylxylosylprotein 3-beta-glucur
>gi|1036824904|ref|XP_017137859.1| PREDICTED: galactosylgalactosylxylosylprotein 3-beta-glucur
>gi|1036767759|ref|XP_017134644.1| PREDICTED: protein FAM188B2 [Drosophila miranda]
>gi|1036793284|ref|XP_017136107.1| PREDICTED: uncharacterized aarF domain-containing protein k
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>gi|1036793339|ref|XP_017136109.1| PREDICTED: uncharacterized protein LOC108151775 [Drosophila
>gi|1036793265|ref|XP_017136106.1| PREDICTED: protein wntless [Drosophila miranda]
>gi|1036793305|ref|XP_017136108.1| PREDICTED: putative Dol-P-Glc:Glc(2)Man(9)GlcNAc(2)-PP-Dol
>gi|1036793246|ref|XP_017136105.1| PREDICTED: brain-specific angiogenesis inhibitor 1-associate
>gi|1036793210|ref|XP 017136104.1| PREDICTED: putative uncharacterized protein DDB G0277255 is
>gi|1036793358|ref|XP_017136110.1| PREDICTED: uncharacterized protein LOC108151776 [Drosophila
>gi|1036823224|ref|XP 017137766.1| PREDICTED: sodium-dependent phosphate transporter 1-B [Dros
>gi|1036823243|ref|XP_017137767.1| PREDICTED: sodium-dependent phosphate transporter 1-B [Dros
>gi|1036843637|ref|XP_017138916.1| PREDICTED: uncharacterized protein LOC108153424 [Drosophila
>gi|1036813914|ref|XP_017137250.1| PREDICTED: forkhead box protein K2 isoform X2 [Drosophila m
>gi|1036813876|ref|XP_017137247.1| PREDICTED: forkhead box protein K2 isoform X1 [Drosophila m
>gi|1036813894|ref|XP_017137248.1| PREDICTED: forkhead box protein K2 isoform X1 [Drosophila m
>gi|1036813932|ref|XP_017137251.1| PREDICTED: 39S ribosomal protein L2, mitochondrial [Drosoph
>gi|1036813950|ref|XP_017137252.1| PREDICTED: ubiquitin fusion degradation protein 1 homolog [
>gi|1036829033|ref|XP_017138095.1| PREDICTED: superoxide dismutase [Cu-Zn] isoform X2 [Drosoph
>gi|1036829015|ref|XP_017138094.1| PREDICTED: superoxide dismutase [Cu-Zn] isoform X1 [Drosoph
>gi|1036829003|ref|XP_017138092.1| PREDICTED: transmembrane protein 161B [Drosophila miranda]
>gi|1036851458|ref|XP_017139349.1| PREDICTED: protein new-glue 2-like [Drosophila miranda]
>gi|1036851472|ref|XP_017139350.1| PREDICTED: uncharacterized protein LOC108153732 [Drosophila
>gi|1036769705|ref|XP 017134755.1| PREDICTED: uncharacterized protein LOC108150936 [Drosophila
>gi|1036759825|ref|XP_017156860.1| PREDICTED: protein new-glue 1-like [Drosophila miranda]
>gi|1036819553|ref|XP_017137567.1| PREDICTED: protein new-glue 1-like [Drosophila miranda]
>gi|1036819513|ref|XP_017137565.1| PREDICTED: nucleobindin-2 [Drosophila miranda]
>gi|1036819534|ref|XP_017137566.1| PREDICTED: probable ATP-dependent RNA helicase DDX52 [Droso
>gi|1036845261|ref|XP_017138998.1| PREDICTED: uncharacterized protein LOC108153475 [Drosophila
>gi|1036845244|ref|XP_017138997.1| PREDICTED: arylsulfatase B [Drosophila miranda]
>gi|1036849909|ref|XP_017139258.1| PREDICTED: battenin [Drosophila miranda]
>gi|1036849928|ref|XP_017139259.1| PREDICTED: battenin [Drosophila miranda]
>gi|1036849947|ref|XP_017139261.1| PREDICTED: battenin [Drosophila miranda]
>gi|1036765695|ref|XP_017134534.1| PREDICTED: glutamate receptor ionotropic, kainate 4 [Drosop
>gi|1036765727|ref|XP_017134535.1| PREDICTED: glutamate receptor ionotropic, kainate 4 [Drosop
>gi|1036759844|ref|XP_017156861.1| PREDICTED: glutamate receptor ionotropic, kainate 5 [Drosop
>gi|1036759863|ref|XP_017156862.1| PREDICTED: gamma-aminobutyric acid receptor alpha-like [Dros
>gi|1036778515|ref|XP_017135258.1| PREDICTED: EF-hand domain-containing family member B-like [
>gi|1036778554|ref|XP 017135260.1| PREDICTED: glycerol-3-phosphate phosphatase [Drosophila mire
>gi|1036778535|ref|XP_017135259.1| PREDICTED: glycerol-3-phosphate phosphatase [Drosophila mire
>gi|1036778665|ref|XP_017135267.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036778646|ref|XP_017135266.1| PREDICTED: dihydrolipoyl dehydrogenase, mitochondrial [Dros
>gi|1036778573|ref|XP_017135261.1| PREDICTED: tryptophan--tRNA ligase [Drosophila miranda]
>gi|1036778592|ref|XP_017135262.1| PREDICTED: cationic amino acid transporter 2 [Drosophila mineral description of the company of the company
>gi|1036778610|ref|XP_017135263.1| PREDICTED: arylsulfatase B isoform X1 [Drosophila miranda]
>gi|1036778629|ref|XP_017135265.1| PREDICTED: arylsulfatase B isoform X2 [Drosophila miranda]
>gi|1036778684|ref|XP_017135268.1| PREDICTED: uncharacterized protein LOC108151261 [Drosophila
>gi|1036766561|ref|XP_017134581.1| PREDICTED: uncharacterized protein LOC108150790 [Drosophila
>gi|1036759882|ref|XP_017156863.1| PREDICTED: arylsulfatase B [Drosophila miranda]
>gi|1036844991|ref|XP_017138982.1| PREDICTED: CD151 antigen [Drosophila miranda]
>gi|1036845010|ref|XP_017138983.1| PREDICTED: CD151 antigen [Drosophila miranda]
>gi|1036841752|ref|XP_017138819.1| PREDICTED: LOW QUALITY PROTEIN: solute carrier family 26 men
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>gi|1036821183|ref|XP_017137650.1| PREDICTED: WD repeat-containing protein 92 [Drosophila mirated
>gi|1036821199|ref|XP_017137651.1| PREDICTED: WD repeat-containing protein 92 [Drosophila mirated
>gi|1036821163|ref|XP_017137649.1| PREDICTED: LOW QUALITY PROTEIN: tetratricopeptide repeat pro
>gi|1036849999|ref|XP_017139264.1| PREDICTED: uncharacterized protein LOC108153663 [Drosophila
>gi|1036850019|ref|XP 017139266.1| PREDICTED: uncharacterized protein LOC108153663 [Drosophila
>gi|1036759901|ref|XP_017156864.1| PREDICTED: dihydrolipoyl dehydrogenase-like [Drosophila mire
>gi|1036801175|ref|XP_017136553.1| PREDICTED: ecdysone-induced protein 75B isoform X1 [Drosoph
>gi|1036801225|ref|XP_017136556.1| PREDICTED: ecdysone-induced protein 75B, isoforms C/D isofo
>gi|1036801208|ref|XP_017136555.1| PREDICTED: ecdysone-induced protein 75B, isoforms C/D isofo
>gi|1036801192|ref|XP_017136554.1| PREDICTED: ecdysone-induced protein 75B isoform X2 [Drosoph
>gi|1036801242|ref|XP_017136557.1| PREDICTED: ecdysone-induced protein 75B, isoforms C/D isofo
>gi|1036759920|ref|XP_017156865.1| PREDICTED: uncharacterized protein LOC108165343 [Drosophila
>gi|1036849767|ref|XP_017139249.1| PREDICTED: uncharacterized protein LOC108153654 [Drosophila
>gi|1036849785|ref|XP_017139250.1| PREDICTED: uncharacterized protein LOC108153655 isoform X1
>gi|1036849803|ref|XP_017139252.1| PREDICTED: uncharacterized protein LOC108153655 isoform X2
>gi|1036765659|ref|XP_017157176.1| PREDICTED: uncharacterized protein LOC108165611 [Drosophila
>gi|1036829193|ref|XP_017138104.1| PREDICTED: uncharacterized protein LOC108152929 [Drosophila
>gi|1036829212|ref|XP_017138105.1| PREDICTED: uncharacterized protein LOC108152929 [Drosophila
>gi|1036829231|ref|XP_017138106.1| PREDICTED: probable 28S ribosomal protein S26, mitochondria
>gi|1036829172|ref|XP 017138103.1| PREDICTED: DNA-directed RNA polymerase III subunit RPC4 [Drawn of the content of the conten
>gi|1036787005|ref|XP_017135751.1| PREDICTED: ATR-interacting protein mus304 [Drosophila miran-
>gi|1036787043|ref|XP 017135753.1| PREDICTED: uncharacterized protein LOC108151585 [Drosophila
>gi|1036787024|ref|XP_017135752.1| PREDICTED: probable cytochrome P450 312a1 [Drosophila miran-
>gi|1036787061|ref|XP_017135754.1| PREDICTED: uncharacterized protein LOC108151586 isoform X1
>gi|1036787080|ref|XP_017135755.1| PREDICTED: uncharacterized protein LOC108151586 isoform X2
>gi|1036787116|ref|XP_017135757.1| PREDICTED: uncharacterized protein LOC108151589 [Drosophila
>gi|1036787135|ref|XP_017135758.1| PREDICTED: uncharacterized protein LOC108151590 [Drosophila
>gi|1036787153|ref|XP_017135759.1| PREDICTED: uncharacterized protein LOC108151591 [Drosophila
>gi|1036787099|ref|XP_017135756.1| PREDICTED: uncharacterized protein LOC108151587 [Drosophila
>gi|1036831774|ref|XP_017138251.1| PREDICTED: cell death protein hid [Drosophila miranda]
>gi|1036850056|ref|XP_017139268.1| PREDICTED: larval serum protein 1 gamma chain [Drosophila m
>gi|1036767164|ref|XP_017134616.1| PREDICTED: uncharacterized protein LOC108150820 [Drosophila
>gi|1036850670|ref|XP_017139303.1| PREDICTED: uncharacterized protein LOC108153690 [Drosophila
>gi|1036849494|ref|XP_017139232.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036763349|ref|XP 017157060.1| PREDICTED: cell death protein Grim [Drosophila miranda]
>gi|1036766326|ref|XP_017134566.1| PREDICTED: uncharacterized protein LOC108150780 isoform X1
>gi|1036766347|ref|XP_017134568.1| PREDICTED: uncharacterized protein LOC108150780 isoform X2
>gi|1036849580|ref|XP_017139238.1| PREDICTED: uncharacterized protein LOC108153645 [Drosophila
>gi|1036764169|ref|XP_017157104.1| PREDICTED: coactosin-like protein [Drosophila miranda]
>gi|1036765778|ref|XP_017134539.1| PREDICTED: mitochondrial dicarboxylate carrier [Drosophila 1
>gi|1036763136|ref|XP_017157051.1| PREDICTED: cell death protein rpr [Drosophila miranda]
>gi|1036832217|ref|XP_017138277.1| PREDICTED: uncharacterized protein LOC108153032 [Drosophila
>gi|1036832198|ref|XP_017138276.1| PREDICTED: gamma-glutamylcyclotransferase [Drosophila miran-
>gi|1036832181|ref|XP_017138275.1| PREDICTED: gamma-glutamylcyclotransferase [Drosophila mirane
>gi|1036835683|ref|XP_017138464.1| PREDICTED: angiopoietin-related protein 1-like [Drosophila 1
>gi|1036835630|ref|XP_017138461.1| PREDICTED: somatostatin receptor type 2 [Drosophila miranda
>gi|1036835701|ref|XP_017138465.1| PREDICTED: uncharacterized protein LOC108153171 [Drosophila
>gi|1036835647|ref|XP_017138462.1| PREDICTED: somatostatin receptor type 5 [Drosophila miranda]
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>gi|1036835666|ref|XP_017138463.1| PREDICTED: somatostatin receptor type 5 [Drosophila miranda]
>gi|1036838106|ref|XP_017138610.1| PREDICTED: protein terminus [Drosophila miranda]
>gi|1036825411|ref|XP_017137889.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2-like [Droso
>gi|1036825392|ref|XP_017137888.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like [Droso
>gi|1036825375|ref|XP 017137886.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 [Drosophila
>gi|1036825356|ref|XP_017137885.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 [Drosophila
>gi|1036825430|ref|XP 017137890.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1-like [Droso
>gi|1036825337|ref|XP_017137884.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-2 [Drosophila
>gi|1036825299|ref|XP_017137882.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 isoform X1
>gi|1036825318|ref|XP_017137883.1| PREDICTED: prolyl 4-hydroxylase subunit alpha-1 isoform X2
>gi|1036842403|ref|XP_017138843.1| PREDICTED: uncharacterized protein LOC108153381 [Drosophila
>gi|1036808882|ref|XP_017136980.1| PREDICTED: LOW QUALITY PROTEIN: ubiquitin carboxyl-terminal
>gi|1036808901|ref|XP_017136982.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase nonstop-li
>gi|1036808863|ref|XP_017136979.1| PREDICTED: LOW QUALITY PROTEIN: protein aurora borealis [Dro
>gi|1036819061|ref|XP_017137541.1| PREDICTED: uncharacterized protein LOC108152597 [Drosophila
>gi|1036819080|ref|XP_017137543.1| PREDICTED: protein phosphatase 1 regulatory subunit 12A [Dref
>gi|1036763295|ref|XP_017157057.1| PREDICTED: uncharacterized protein LOC108165512 [Drosophila
>gi|1036788386|ref|XP_017135827.1| PREDICTED: caprin homolog [Drosophila miranda]
>gi|1036788454|ref|XP_017135832.1| PREDICTED: gram-negative bacteria-binding protein 2 [Drosop
>gi|1036788404|ref|XP 017135828.1| PREDICTED: gram-negative bacteria-binding protein 1 isoform
>gi|1036788420|ref|XP_017135829.1| PREDICTED: gram-negative bacteria-binding protein 2 isoform
>gi|1036788437|ref|XP 017135830.1| PREDICTED: gram-negative bacteria-binding protein 2-like [Di
>gi|1036788471|ref|XP_017135833.1| PREDICTED: SAGA-associated factor 11 homolog [Drosophila mi
>gi|1036788503|ref|XP_017135835.1| PREDICTED: uncharacterized protein LOC108151640 [Drosophila
>gi|1036788487|ref|XP_017135834.1| PREDICTED: charged multivesicular body protein 1b [Drosophi
>gi|1036759939|ref|XP_017156866.1| PREDICTED: mitochondrial dicarboxylate carrier, partial [Dref|XP_017156866.1]
>gi|1036787986|ref|XP_017135807.1| PREDICTED: uncharacterized protein LOC108151619 [Drosophila
>gi|1036787821|ref|XP_017135799.1| PREDICTED: uncharacterized protein LOC108151613 [Drosophila
>gi|1036787859|ref|XP_017135801.1| PREDICTED: uncharacterized protein LOC108151615 [Drosophila
>gi|1036787840|ref|XP_017135800.1| PREDICTED: equilibrative nucleoside transporter 4 [Drosophi
>gi|1036787915|ref|XP_017135804.1| PREDICTED: WW domain-binding protein 2 isoform X1 [Drosophi
>gi|1036787968|ref|XP_017135806.1| PREDICTED: WW domain-binding protein 2 isoform X3 [Drosophi
>gi|1036787932|ref|XP_017135805.1| PREDICTED: WW domain-binding protein 2 isoform X2 [Drosophi
>gi|1036787710|ref|XP 017135792.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 2 isoform X1
>gi|1036787727|ref|XP_017135793.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 1 isoform X2
>gi|1036787783|ref|XP 017135796.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 2 isoform X5
>gi|1036787802|ref|XP_017135797.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 2 isoform X6
>gi|1036787764|ref|XP_017135795.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 1 isoform X4
>gi|1036787746|ref|XP_017135794.1| PREDICTED: ecto-NOX disulfide-thiol exchanger 2 isoform X3
>gi|1036787877|ref|XP_017135802.1| PREDICTED: facilitated trehalose transporter Tret1-2 homological description of the state of the sta
>gi|1036787896|ref|XP_017135803.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1036810362|ref|XP 017137059.1| PREDICTED: titin [Drosophila miranda]
>gi|1036818506|ref|XP_017137510.1| PREDICTED: splicing factor 3A subunit 2 [Drosophila miranda]
>gi|1036818487|ref|XP_017137509.1| PREDICTED: mucin-19 isoform X4 [Drosophila miranda]
>gi|1036818469|ref|XP_017137507.1| PREDICTED: mucin-19 isoform X3 [Drosophila miranda]
>gi|1036818450|ref|XP_017137506.1| PREDICTED: mucin-19 isoform X2 [Drosophila miranda]
>gi|1036818432|ref|XP_017137505.1| PREDICTED: mucin-19 isoform X1 [Drosophila miranda]
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>gi|1036809408|ref|XP_017137006.1| PREDICTED: serine/threonine-protein kinase unc-51 [Drosophi
>gi|1036809427|ref|XP_017137007.1| PREDICTED: leucine-rich repeat and transmembrane domain-con
>gi|1036850037|ref|XP_017139267.1| PREDICTED: uncharacterized protein LOC108153664 [Drosophila
>gi|1036759958|ref|XP_017156867.1| PREDICTED: RNA polymerase II degradation factor 1 [Drosophi
>gi|1036816362|ref|XP 017137387.1| PREDICTED: uncharacterized protein LOC108152508 [Drosophila
>gi|1036816381|ref|XP_017137388.1| PREDICTED: AP2-associated protein kinase 1 [Drosophila mirated]
>gi|1036759975|ref|XP 017156868.1| PREDICTED: uncharacterized protein LOC108165346 [Drosophila
>gi|1036816479|ref|XP_017137394.1| PREDICTED: uncharacterized protein C16orf52 homolog A [Dros
>gi|1036816322|ref|XP_017137385.1| PREDICTED: adenylate cyclase type 2 isoform X2 [Drosophila i
>gi|1036816303|ref|XP_017137384.1| PREDICTED: adenylate cyclase type 2 isoform X1 [Drosophila i
>gi|1036816341|ref|XP_017137386.1| PREDICTED: adenylate cyclase type 2 isoform X3 [Drosophila 1
>gi|1036816498|ref|XP_017137395.1| PREDICTED: uncharacterized protein LOC108152513 [Drosophila
>gi|1036816400|ref|XP_017137390.1| PREDICTED: uncharacterized protein LOC108152510 isoform X1
>gi|1036816421|ref|XP_017137391.1| PREDICTED: uncharacterized protein LOC108152510 isoform X2
>gi|1036816440|ref|XP_017137392.1| PREDICTED: uncharacterized protein LOC108152510 isoform X3
>gi|1036816458|ref|XP_017137393.1| PREDICTED: uncharacterized protein LOC108152511 [Drosophila
>gi|1036816516|ref|XP_017137396.1| PREDICTED: uncharacterized protein LOC108152514 [Drosophila
>gi|1036804217|ref|XP_017136723.1| PREDICTED: rho GDP-dissociation inhibitor 1 [Drosophila mire
>gi|1036804236|ref|XP_017136724.1| PREDICTED: rho GDP-dissociation inhibitor 1 [Drosophila mire
>gi|1036804198|ref|XP 017136722.1| PREDICTED: metaxin-2 [Drosophila miranda]
>gi|1036804254|ref|XP_017136725.1| PREDICTED: larval/pupal cuticle protein H1C-like [Drosophile]
>gi|1036804179|ref|XP_017136720.1| PREDICTED: Golgi reassembly-stacking protein 2 [Drosophila in
>gi|1036804273|ref|XP_017136726.1| PREDICTED: probable prefoldin subunit 6 [Drosophila miranda]
>gi|1036819395|ref|XP_017137558.1| PREDICTED: polycomb protein Su(z)12 isoform X1 [Drosophila 1
>gi|1036819414|ref|XP_017137559.1| PREDICTED: polycomb protein Su(z)12 isoform X2 [Drosophila i
>gi|1036820778|ref|XP_017137628.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 2 is
>gi|1036820759|ref|XP_017137627.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 2 is
>gi|1036829903|ref|XP_017138142.1| PREDICTED: exosome complex component MTR3 [Drosophila miran-
>gi|1036829882|ref|XP_017138141.1| PREDICTED: U4/U6 small nuclear ribonucleoprotein Prp3 [Dros
>gi|1036770726|ref|XP_017134810.1| PREDICTED: chromodomain-helicase-DNA-binding protein Mi-2 he
>gi|1036770747|ref|XP_017134811.1| PREDICTED: chromodomain-helicase-DNA-binding protein Mi-2 h
>gi|1036770822|ref|XP_017134816.1| PREDICTED: RNA polymerase II elongation factor Ell [Drosoph
>gi|1036770840|ref|XP_017134817.1| PREDICTED: RNA polymerase II elongation factor Ell [Drosoph
>gi|1036770865|ref|XP_017134818.1| PREDICTED: RNA polymerase II elongation factor Ell [Drosoph
>gi|1036770882|ref|XP_017134819.1| PREDICTED: RNA polymerase II elongation factor Ell [Drosoph
>gi|1036770785|ref|XP_017134813.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 32 isoform
>gi|1036770766|ref|XP_017134812.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 32 isoform
>gi|1036770804|ref|XP_017134814.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 32 isoform
>gi|1036792369|ref|XP_017136056.1| PREDICTED: uncharacterized protein LOC108151745 [Drosophila
>gi|1036792219|ref|XP_017136047.1| PREDICTED: protein suppressor of underreplication [Drosophi
>gi|1036792328|ref|XP_017136054.1| PREDICTED: uncharacterized protein LOC108151743 [Drosophila
>gi|1036792348|ref|XP_017136055.1| PREDICTED: uncharacterized protein LOC108151744 [Drosophila
>gi|1036792235|ref|XP_017136049.1| PREDICTED: succinyl-CoA:3-ketoacid coenzyme A transferase 1
>gi|1036792290|ref|XP_017136052.1| PREDICTED: uncharacterized protein LOC108151742 isoform X3
>gi|1036792273|ref|XP_017136051.1| PREDICTED: uncharacterized protein LOC108151742 isoform X2
>gi|1036792254|ref|XP_017136050.1| PREDICTED: uncharacterized protein LOC108151742 isoform X1
>gi|1036792309|ref|XP_017136053.1| PREDICTED: uncharacterized protein LOC108151742 isoform X4
>gi|1036852052|ref|XP_017139387.1| PREDICTED: proton-coupled amino acid transporter 4 [Drosoph
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>gi|1036759995|ref|XP_017156869.1| PREDICTED: uncharacterized protein LOC108165347 [Drosophila
>gi|1036766366|ref|XP_017134569.1| PREDICTED: uncharacterized protein LOC108150781 [Drosophila
>gi|1036760013|ref|XP_017156870.1| PREDICTED: uncharacterized protein LOC108165348 [Drosophila
>gi|1036772467|ref|XP_017134910.1| PREDICTED: LOW QUALITY PROTEIN: titin-like [Drosophila mirated]
>gi|1036772444|ref|XP 017134909.1| PREDICTED: uncharacterized protein DDB G0285291-like [Droso
>gi|1036842460|ref|XP_017138846.1| PREDICTED: SEC14 domain and spectrin repeat-containing prot
>gi|1036767013|ref|XP 017134607.1| PREDICTED: probable serine hydrolase [Drosophila miranda]
>gi|1036847199|ref|XP_017139101.1| PREDICTED: probable serine hydrolase [Drosophila miranda]
>gi|1036849598|ref|XP_017139239.1| PREDICTED: uncharacterized protein LOC108153646 [Drosophila
>gi|1036848107|ref|XP_017139151.1| PREDICTED: probable serine hydrolase [Drosophila miranda]
>gi|1036763227|ref|XP_017157055.1| PREDICTED: uncharacterized protein LOC108165509 [Drosophila
>gi|1036814604|ref|XP_017137290.1| PREDICTED: uncharacterized protein LOC108152447 [Drosophila
>gi|1036814407|ref|XP_017137279.1| PREDICTED: intraflagellar transport protein 172 homolog iso
>gi|1036814426|ref|XP_017137280.1| PREDICTED: intraflagellar transport protein 172 homolog iso
>gi|1036814622|ref|XP_017137291.1| PREDICTED: regulation of nuclear pre-mRNA domain-containing
>gi|1036814446|ref|XP_017137281.1| PREDICTED: adenylate cyclase type 8 isoform X1 [Drosophila i
>gi|1036814465|ref|XP_017137282.1| PREDICTED: adenylate cyclase type 8 isoform X1 [Drosophila i
>gi|1036814485|ref|XP_017137283.1| PREDICTED: adenylate cyclase type 8 isoform X2 [Drosophila i
>gi|1036814504|ref|XP_017137284.1| PREDICTED: adenylate cyclase type 8 isoform X3 [Drosophila i
>gi|1036814546|ref|XP_017137286.1| PREDICTED: adenylate cyclase type 8 isoform X5 [Drosophila i
>gi|1036814583|ref|XP_017137288.1| PREDICTED: adenylate cyclase type 8 isoform X7 [Drosophila i
>gi|1036814564|ref|XP_017137287.1| PREDICTED: adenylate cyclase type 8 isoform X6 [Drosophila 1
>gi|1036814527|ref|XP_017137285.1| PREDICTED: adenylate cyclase type 2 isoform X4 [Drosophila i
>gi|1036786354|ref|XP_017135716.1| PREDICTED: adenylate cyclase type 2-like isoform X1 [Drosop
>gi|1036786373|ref|XP_017135717.1| PREDICTED: adenylate cyclase type 8-like isoform X2 [Drosop
>gi|1036786507|ref|XP_017135724.1| PREDICTED: cytochrome b reductase 1 isoform X3 [Drosophila i
>gi|1036786430|ref|XP_017135720.1| PREDICTED: cytochrome b reductase 1 isoform X1 [Drosophila i
>gi|1036786449|ref|XP_017135721.1| PREDICTED: cytochrome b reductase 1 isoform X2 [Drosophila i
>gi|1036786470|ref|XP_017135722.1| PREDICTED: cytochrome b reductase 1 isoform X2 [Drosophila i
>gi|1036786489|ref|XP_017135723.1| PREDICTED: cytochrome b reductase 1 isoform X2 [Drosophila i
>gi|1036786526|ref|XP_017135725.1| PREDICTED: cytochrome b reductase 1 isoform X4 [Drosophila i
>gi|1036786545|ref|XP_017135727.1| PREDICTED: uncharacterized protein LOC108151563 [Drosophila
>gi|1036786392|ref|XP_017135718.1| PREDICTED: xylosyltransferase oxt [Drosophila miranda]
>gi|1036786564|ref|XP_017135728.1| PREDICTED: 5'-3' exoribonuclease 2 homolog [Drosophila mirates]
>gi|1036786411|ref|XP 017135719.1| PREDICTED: protein ecdysoneless [Drosophila miranda]
>gi|1036835407|ref|XP_017138448.1| PREDICTED: uncharacterized protein LOC108153156 [Drosophila
>gi|1036835388|ref|XP_017138447.1| PREDICTED: peritrophin-48-like [Drosophila miranda]
>gi|1036835332|ref|XP_017138443.1| PREDICTED: major royal jelly protein 1 [Drosophila miranda]
>gi|1036835350|ref|XP_017138444.1| PREDICTED: major royal jelly protein 1 [Drosophila miranda]
>gi|1036835313|ref|XP_017138442.1| PREDICTED: sex peptide receptor [Drosophila miranda]
>gi|1036835294|ref|XP_017138441.1| PREDICTED: uncharacterized protein LOC108153150 [Drosophila
>gi|1036835423|ref|XP_017138449.1| PREDICTED: rab-like protein 3 [Drosophila miranda]
>gi|1036835369|ref|XP_017138446.1| PREDICTED: choline-phosphate cytidylyltransferase A-like [Di
>gi|1036763770|ref|XP_017157085.1| PREDICTED: E3 ubiquitin-protein ligase MARCH6 [Drosophila m
>gi|1036763985|ref|XP_017157098.1| PREDICTED: thioredoxin, mitochondrial [Drosophila miranda]
>gi|1036763967|ref|XP_017157097.1| PREDICTED: 39S ribosomal protein L23, mitochondrial [Drosop:
>gi|1036763788|ref|XP_017157086.1| PREDICTED: nucleolar MIF4G domain-containing protein 1 homo
>gi|1036763842|ref|XP_017157089.1| PREDICTED: uncharacterized protein C7orf50 homolog [Drosoph
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>gi|1036763494|ref|XP_017157069.1| PREDICTED: uncharacterized protein LOC108165524 isoform X1
>gi|1036763512|ref|XP_017157070.1| PREDICTED: uncharacterized protein LOC108165524 isoform X2
>gi|1036763552|ref|XP_017157072.1| PREDICTED: uncharacterized protein LOC108165524 isoform X4
>gi|1036763533|ref|XP_017157071.1| PREDICTED: uncharacterized protein LOC108165524 isoform X3
>gi|1036763682|ref|XP 017157079.1| PREDICTED: uncharacterized protein LOC108165524 isoform X10
>gi|1036763860|ref|XP_017157090.1| PREDICTED: surface protein [Drosophila miranda]
>gi|1036763931|ref|XP 017157094.1| PREDICTED: uncharacterized protein LOC108165533 isoform X2
>gi|1036763949|ref|XP_017157095.1| PREDICTED: uncharacterized protein LOC108165533 isoform X3
>gi|1036763895|ref|XP_017157092.1| PREDICTED: uncharacterized protein LOC108165533 isoform X1
>gi|1036763913|ref|XP_017157093.1| PREDICTED: uncharacterized protein LOC108165533 isoform X1
>gi|1036763611|ref|XP_017157075.1| PREDICTED: uncharacterized protein LOC108165524 isoform X6
>gi|1036763586|ref|XP_017157073.1| PREDICTED: uncharacterized protein LOC108165524 isoform X5
>gi|1036763700|ref|XP_017157080.1| PREDICTED: microtubule-associated protein futsch isoform X1
>gi|1036763736|ref|XP_017157082.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036763718|ref|XP_017157081.1| PREDICTED: mucin-5AC isoform X12 [Drosophila miranda]
>gi|1036763630|ref|XP_017157076.1| PREDICTED: supervillin isoform X7 [Drosophila miranda]
>gi|1036763754|ref|XP_017157083.1| PREDICTED: AF4/FMR2 family member 4 isoform X14 [Drosophila
>gi|1036763877|ref|XP_017157091.1| PREDICTED: uncharacterized protein LOC108165531 [Drosophila
>gi|1036763806|ref|XP_017157087.1| PREDICTED: probable cytochrome P450 4d20 [Drosophila mirand
>gi|1036763646|ref|XP 017157077.1| PREDICTED: supervillin isoform X8 [Drosophila miranda]
>gi|1036763824|ref|XP_017157088.1| PREDICTED: uncharacterized protein LOC108165528 [Drosophila
>gi|1036763664|ref|XP 017157078.1| PREDICTED: supervillin isoform X9 [Drosophila miranda]
>gi|1036832665|ref|XP_017138300.1| PREDICTED: purine nucleoside phosphorylase isoform X3 [Dros
>gi|1036832646|ref|XP_017138299.1| PREDICTED: purine nucleoside phosphorylase isoform X2 [Dros
>gi|1036832627|ref|XP_017138298.1| PREDICTED: purine nucleoside phosphorylase isoform X1 [Dros
>gi|1036832701|ref|XP_017138302.1| PREDICTED: purine nucleoside phosphorylase isoform X5 [Dros
>gi|1036832684|ref|XP_017138301.1| PREDICTED: purine nucleoside phosphorylase isoform X4 [Dros
>gi|1036789463|ref|XP_017135890.1| PREDICTED: AF4/FMR2 family member 4 isoform X18 [Drosophila
>gi|1036789294|ref|XP_017135880.1| PREDICTED: uncharacterized protein LOC108151662 isoform X9
>gi|1036789201|ref|XP 017135875.1| PREDICTED: uncharacterized protein LOC108151662 isoform X4
>gi|1036789387|ref|XP_017135885.1| PREDICTED: AF4/FMR2 family member 4 isoform X14 [Drosophila
>gi|1036789349|ref|XP_017135883.1| PREDICTED: AF4/FMR2 family member 4 isoform X12 [Drosophila
>gi|1036789259|ref|XP_017135878.1| PREDICTED: uncharacterized protein LOC108151662 isoform X7
>gi|1036789165|ref|XP_017135873.1| PREDICTED: uncharacterized protein LOC108151662 isoform X2
>gi|1036789311|ref|XP 017135881.1| PREDICTED: uncharacterized protein LOC108151662 isoform X10
>gi|1036789276|ref|XP_017135879.1| PREDICTED: uncharacterized protein LOC108151662 isoform X8
>gi|1036789368|ref|XP 017135884.1| PREDICTED: AF4/FMR2 family member 4 isoform X13 [Drosophila
>gi|1036789330|ref|XP_017135882.1| PREDICTED: AF4/FMR2 family member 4 isoform X11 [Drosophila
>gi|1036789183|ref|XP_017135874.1| PREDICTED: uncharacterized protein LOC108151662 isoform X3
>gi|1036789220|ref|XP_017135876.1| PREDICTED: uncharacterized protein LOC108151662 isoform X5
>gi|1036789144|ref|XP_017135872.1| PREDICTED: uncharacterized protein LOC108151662 isoform X1
>gi|1036789238|ref|XP_017135877.1| PREDICTED: uncharacterized protein LOC108151662 isoform X6
>gi|1036789406|ref|XP 017135886.1| PREDICTED: uncharacterized protein LOC108151662 isoform X15
>gi|1036789425|ref|XP_017135887.1| PREDICTED: uncharacterized protein LOC108151662 isoform X16
>gi|1036789482|ref|XP_017135891.1| PREDICTED: uncharacterized protein LOC108151662 isoform X19
>gi|1036789444|ref|XP_017135888.1| PREDICTED: AF4/FMR2 family member 4 isoform X17 [Drosophila
>gi|1036809813|ref|XP_017137030.1| PREDICTED: altered inheritance of mitochondria protein 3 is
>gi|1036809788|ref|XP_017137029.1| PREDICTED: extensin isoform X1 [Drosophila miranda]
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>gi|1036809943|ref|XP_017137036.1| PREDICTED: O-acetyl-ADP-ribose deacetylase 1 [Drosophila mi
>gi|1036809922|ref|XP_017137035.1| PREDICTED: O-acetyl-ADP-ribose deacetylase 1 [Drosophila mi
>gi|1036809903|ref|XP_017137033.1| PREDICTED: uncharacterized protein LOC108152312 [Drosophila
>gi|1036809884|ref|XP_017137032.1| PREDICTED: uncharacterized oxidoreductase YjmC [Drosophila i
>gi|1036809866|ref|XP 017137031.1| PREDICTED: uncharacterized protein LOC108152310 [Drosophila
>gi|1036809695|ref|XP_017137024.1| PREDICTED: uncharacterized protein LOC108152307 isoform X1
>gi|1036809751|ref|XP 017137027.1| PREDICTED: uncharacterized protein LOC108152307 isoform X4
>gi|1036809714|ref|XP_017137025.1| PREDICTED: uncharacterized protein LOC108152307 isoform X2
>gi|1036809769|ref|XP_017137028.1| PREDICTED: uncharacterized protein LOC108152307 isoform X5
>gi|1036809733|ref|XP_017137026.1| PREDICTED: GTPase-activating protein BEM2/IPL2 isoform X3 [
>gi|1036809959|ref|XP_017137037.1| PREDICTED: multifunctional methyltransferase subunit TRM112
>gi|1036836316|ref|XP_017138502.1| PREDICTED: integrin-linked protein kinase homolog pat-4 [Dref|XP_017138502.1]
>gi|1036841245|ref|XP_017138788.1| PREDICTED: ecdysone-induced protein 78C isoform X1 [Drosoph
>gi|1036841264|ref|XP_017138789.1| PREDICTED: ecdysone-induced protein 78C isoform X2 [Drosoph
>gi|1036841300|ref|XP_017138792.1| PREDICTED: peritrophin-48 [Drosophila miranda]
>gi|1036841282|ref|XP_017138790.1| PREDICTED: ecdysone-induced protein 78C isoform X3 [Drosoph
>gi|1036844209|ref|XP_017138947.1| PREDICTED: inositol monophosphatase 1 [Drosophila miranda]
>gi|1036849525|ref|XP_017139234.1| PREDICTED: proteoglycan 4 [Drosophila miranda]
>gi|1036789773|ref|XP_017135909.1| PREDICTED: acetyl-coenzyme A synthetase [Drosophila miranda]
>gi|1036789813|ref|XP 017135912.1| PREDICTED: glycine cleavage system H protein, mitochondrial
>gi|1036789794|ref|XP_017135910.1| PREDICTED: uncharacterized protein LOC108151679 [Drosophila
>gi|1036789754|ref|XP 017135908.1| PREDICTED: uncharacterized protein LOC108151677 [Drosophila
>gi|1036767612|ref|XP_017134639.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036767577|ref|XP_017134637.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036808488|ref|XP_017136959.1| PREDICTED: pupal cuticle protein Edg-78E-like [Drosophila m
>gi|1036808450|ref|XP_017136957.1| PREDICTED: pupal cuticle protein Edg-78E [Drosophila mirand
>gi|1036808469|ref|XP_017136958.1| PREDICTED: pupal cuticle protein Edg-78E-like [Drosophila m
>gi|1036808414|ref|XP_017136955.1| PREDICTED: probable serine hydrolase [Drosophila miranda]
>gi|1036808432|ref|XP_017136956.1| PREDICTED: probable serine hydrolase [Drosophila miranda]
>gi|1036808396|ref|XP_017136954.1| PREDICTED: polycomb group protein Pc [Drosophila miranda]
>gi|1036847834|ref|XP_017139136.1| PREDICTED: ras-related protein Rab-26 isoform X2 [Drosophile
>gi|1036847853|ref|XP_017139137.1| PREDICTED: ras-related protein Rab-26 isoform X3 [Drosophile
>gi|1036847817|ref|XP_017139135.1| PREDICTED: ras-related protein Rab-26 isoform X1 [Drosophile
>gi|1036804826|ref|XP_017136757.1| PREDICTED: pre-rRNA-processing protein TSR1 homolog [Drosop
>gi|1036804807|ref|XP 017136756.1| PREDICTED: TBC1 domain family member 9 isoform X2 [Drosophi
>gi|1036804789|ref|XP_017136755.1| PREDICTED: TBC1 domain family member 9 isoform X1 [Drosophi
>gi|1036838677|ref|XP 017138647.1| PREDICTED: uncharacterized protein LOC108153286 [Drosophila
>gi|1036838696|ref|XP_017138648.1| PREDICTED: uncharacterized protein LOC108153287 [Drosophila
>gi|1036838712|ref|XP_017138649.1| PREDICTED: uncharacterized protein LOC108153287 [Drosophila
>gi|1036846881|ref|XP_017139083.1| PREDICTED: nuclear transcription factor Y subunit beta [Dros
>gi|1036846900|ref|XP_017139084.1| PREDICTED: uncharacterized protein DDB_G0283697 isoform X1
>gi|1036846919|ref|XP_017139085.1| PREDICTED: uncharacterized protein LOC108153533 isoform X2
>gi|1036760031|ref|XP_017156871.1| PREDICTED: uncharacterized protein LOC108165349, partial [Di
>gi|1036815665|ref|XP_017137348.1| PREDICTED: trichohyalin isoform X1 [Drosophila miranda]
>gi|1036815684|ref|XP_017137349.1| PREDICTED: trichohyalin isoform X1 [Drosophila miranda]
>gi|1036815703|ref|XP_017137350.1| PREDICTED: trichohyalin isoform X2 [Drosophila miranda]
>gi|1036815724|ref|XP_017137351.1| PREDICTED: HIV Tat-specific factor 1 [Drosophila miranda]
>gi|1036815743|ref|XP_017137352.1| PREDICTED: uncharacterized protein LOC108152488 [Drosophila
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>gi|1036780912|ref|XP_017135400.1| PREDICTED: adult enhancer factor 1 isoform X1 [Drosophila m
>gi|1036780930|ref|XP_017135402.1| PREDICTED: adult enhancer factor 1 isoform X2 [Drosophila m
>gi|1036780879|ref|XP_017135398.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036781019|ref|XP_017135408.1| PREDICTED: pro-resilin [Drosophila miranda]
>gi|1036760050|ref|XP 017156872.1| PREDICTED: cuticle protein 8 [Drosophila miranda]
>gi|1036780983|ref|XP_017135406.1| PREDICTED: uncharacterized protein LOC108151358 [Drosophila
>gi|1036781037|ref|XP_017135409.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1036781001|ref|XP_017135407.1| PREDICTED: peroxisome biogenesis factor 2 [Drosophila miran
>gi|1036780964|ref|XP_017135404.1| PREDICTED: UPF0183 protein CG7083 [Drosophila miranda]
>gi|1036780948|ref|XP_017135403.1| PREDICTED: DNA primase small subunit [Drosophila miranda]
>gi|1036780896|ref|XP_017135399.1| PREDICTED: heat shock 70 kDa protein 14 [Drosophila miranda]
>gi|1036799591|ref|XP_017136462.1| PREDICTED: rab GTPase-activating protein 1-like isoform X1
>gi|1036799612|ref|XP_017136463.1| PREDICTED: rab GTPase-activating protein 1-like isoform X2
>gi|1036799630|ref|XP_017136464.1| PREDICTED: uncharacterized protein LOC108152004 isoform X1
>gi|1036799649|ref|XP_017136465.1| PREDICTED: uncharacterized protein LOC108152004 isoform X2
>gi|1036799726|ref|XP_017136469.1| PREDICTED: isocitrate dehydrogenase [NADP] cytoplasmic isof
>gi|1036799708|ref|XP_017136468.1| PREDICTED: isocitrate dehydrogenase [NADP] cytoplasmic isof
>gi|1036799687|ref|XP_017136467.1| PREDICTED: isocitrate dehydrogenase [NADP] cytoplasmic isof
>gi|1036799668|ref|XP_017136466.1| PREDICTED: isocitrate dehydrogenase [NADP] cytoplasmic isof
>gi|1036799744|ref|XP 017136470.1| PREDICTED: isocitrate dehydrogenase [NADP] cytoplasmic isof
>gi|1036799762|ref|XP_017136471.1| PREDICTED: fibronectin-binding protein A-like [Drosophila m
>gi|1036843726|ref|XP 017138921.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1036843743|ref|XP_017138922.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1036843762|ref|XP_017138924.1| PREDICTED: uncharacterized protein LOC108153430 isoform X2
>gi|1036763458|ref|XP_017157067.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036821930|ref|XP_017137692.1| PREDICTED: uncharacterized protein LOC108152696 isoform X1
>gi|1036821949|ref|XP_017137693.1| PREDICTED: uncharacterized protein LOC108152696 isoform X1
>gi|1036821968|ref|XP_017137694.1| PREDICTED: uncharacterized protein LOC108152696 isoform X1
>gi|1036821987|ref|XP_017137695.1| PREDICTED: uncharacterized protein LOC108152696 isoform X1
>gi|1036822006|ref|XP_017137696.1| PREDICTED: uncharacterized protein LOC108152696 isoform X1
>gi|1036822023|ref|XP_017137697.1| PREDICTED: uncharacterized protein LOC108152696 isoform X2
>gi|1036822042|ref|XP_017137698.1| PREDICTED: uncharacterized protein LOC108152696 isoform X3
>gi|1036822061|ref|XP_017137699.1| PREDICTED: uncharacterized protein LOC108152698 [Drosophila
>gi|1036795692|ref|XP_017136243.1| PREDICTED: NADPH-dependent diflavin oxidoreductase 1 [Droso
>gi|1036795619|ref|XP 017136238.1| PREDICTED: intraflagellar transport protein 122 homolog [Dref
>gi|1036795637|ref|XP_017136239.1| PREDICTED: exocyst complex component 7 [Drosophila miranda]
>gi|1036795656|ref|XP 017136240.1| PREDICTED: exocyst complex component 7 [Drosophila miranda]
>gi|1036795711|ref|XP_017136244.1| PREDICTED: protein matrimony [Drosophila miranda]
>gi|1036795673|ref|XP_017136242.1| PREDICTED: agrin [Drosophila miranda]
>gi|1036821777|ref|XP_017137683.1| PREDICTED: E3 ubiquitin-protein ligase CBL-B-B [Drosophila 1
>gi|1036818077|ref|XP_017137486.1| PREDICTED: cold shock domain-containing protein E1 isoform
>gi|1036818060|ref|XP_017137485.1| PREDICTED: cold shock domain-containing protein E1 isoform
>gi|1036804608|ref|XP 017136745.1| PREDICTED: LOW QUALITY PROTEIN: AFG3-like protein 2 [Drosop.
>gi|1036804645|ref|XP_017136747.1| PREDICTED: RNA-binding protein Musashi homolog Rbp6 isoform
>gi|1036804662|ref|XP_017136748.1| PREDICTED: RNA-binding protein Musashi homolog Rbp6 isoform
>gi|1036804699|ref|XP_017136751.1| PREDICTED: RNA-binding protein Musashi homolog Rbp6 isoform
>gi|1036804626|ref|XP_017136746.1| PREDICTED: hormone receptor 4 isoform X1 [Drosophila mirand
>gi|1036804681|ref|XP_017136750.1| PREDICTED: RNA-binding protein Musashi homolog Rbp6 isoform
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>gi|1036804733|ref|XP_017136752.1| PREDICTED: RNA-binding protein Musashi homolog Rbp6 isoform
>gi|1036764499|ref|XP_017157120.1| PREDICTED: 3 beta-hydroxysteroid dehydrogenase/Delta 5--_4-
>gi|1036764517|ref|XP_017157121.1| PREDICTED: 3 beta-hydroxysteroid dehydrogenase/Delta 5--_4-
>gi|1036764543|ref|XP_017157122.1| PREDICTED: 3 beta-hydroxysteroid dehydrogenase/Delta 5--_4-
>gi|1036764563|ref|XP_017157123.1| PREDICTED: 3 beta-hydroxysteroid dehydrogenase/Delta 5--_4-
>gi|1036830757|ref|XP_017138195.1| PREDICTED: protein rogdi [Drosophila miranda]
>gi|1036830776|ref|XP 017138196.1| PREDICTED: troponin C [Drosophila miranda]
>gi|1036805538|ref|XP_017136798.1| PREDICTED: uncharacterized protein LOC108152178 [Drosophila
>gi|1036805500|ref|XP_017136796.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805479|ref|XP_017136795.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805460|ref|XP_017136793.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805439|ref|XP_017136792.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805421|ref|XP_017136791.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805386|ref|XP_017136789.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805403|ref|XP_017136790.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805367|ref|XP_017136788.1| PREDICTED: multiple epidermal growth factor-like domains pro
>gi|1036805519|ref|XP_017136797.1| PREDICTED: uncharacterized protein LOC108152177 [Drosophila
>gi|1036760069|ref|XP_017156873.1| PREDICTED: uncharacterized protein LOC108165352 [Drosophila
>gi|1036781772|ref|XP_017135452.1| PREDICTED: putative RNA-binding protein Luc7-like 1 [Drosop
>gi|1036781754|ref|XP 017135450.1| PREDICTED: enhancer of mRNA-decapping protein 3 [Drosophila
>gi|1036781519|ref|XP_017135437.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X1 [Di
>gi|1036781590|ref|XP 017135441.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X5 [Di
>gi|1036781573|ref|XP_017135440.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X4 [Di
>gi|1036781645|ref|XP_017135444.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X8 [Di
>gi|1036781681|ref|XP_017135446.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X10 [
>gi|1036781538|ref|XP_017135438.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X2 [Di
>gi|1036781737|ref|XP_017135449.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X13 [
>gi|1036781664|ref|XP_017135445.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X9 [Di
>gi|1036781554|ref|XP_017135439.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X3 [Di
>gi|1036781607|ref|XP_017135442.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X6 [D:
>gi|1036781626|ref|XP_017135443.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X7 [Di
>gi|1036781699|ref|XP_017135447.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X11 [
>gi|1036781717|ref|XP 017135448.1| PREDICTED: E3 ubiquitin-protein ligase Nedd-4 isoform X12 [
>gi|1036823803|ref|XP_017137798.1| PREDICTED: uncharacterized protein LOC108152751 [Drosophila
>gi|1036823761|ref|XP_017137796.1| PREDICTED: insulin-degrading enzyme [Drosophila miranda]
>gi|1036823780|ref|XP_017137797.1| PREDICTED: insulin-degrading enzyme [Drosophila miranda]
>gi|1036820849|ref|XP_017137633.1| PREDICTED: rho-related BTB domain-containing protein 1 isof
>gi|1036820887|ref|XP_017137635.1| PREDICTED: rho-related BTB domain-containing protein 1 isof
>gi|1036820868|ref|XP_017137634.1| PREDICTED: rho-related BTB domain-containing protein 1 isof
>gi|1036820905|ref|XP_017137636.1| PREDICTED: charged multivesicular body protein 7 [Drosophile
>gi|1036814073|ref|XP_017137259.1| PREDICTED: pantothenate kinase 3 isoform X1 [Drosophila mire
>gi|1036814091|ref|XP_017137260.1| PREDICTED: pantothenate kinase 3 isoform X2 [Drosophila mire
>gi|1036814138|ref|XP_017137263.1| PREDICTED: pantothenate kinase 3 isoform X4 [Drosophila mire
>gi|1036814176|ref|XP_017137265.1| PREDICTED: pantothenate kinase 3 isoform X6 [Drosophila mire
>gi|1036814117|ref|XP_017137262.1| PREDICTED: pantothenate kinase 3 isoform X3 [Drosophila mire
>gi|1036814157|ref|XP_017137264.1| PREDICTED: pantothenate kinase 3 isoform X5 [Drosophila mire
>gi|1036814194|ref|XP_017137266.1| PREDICTED: F-box/WD repeat-containing protein 4 [Drosophila
>gi|1036827193|ref|XP_017137988.1| PREDICTED: CBL-interacting serine/threonine-protein kinase
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>gi|1036847567|ref|XP_017139121.1| PREDICTED: cationic amino acid transporter 4 [Drosophila mineral description of the company of the company
>gi|1036843599|ref|XP_017138914.1| PREDICTED: uncharacterized protein LOC108153422 [Drosophila
>gi|1036843618|ref|XP_017138915.1| PREDICTED: dipeptidase 3 [Drosophila miranda]
>gi|1036838554|ref|XP_017138636.1| PREDICTED: uncharacterized protein C7orf26 homolog [Drosoph
>gi|1036838161|ref|XP_017138613.1| PREDICTED: transmembrane protein 104 homolog [Drosophila mi
>gi|1036781297|ref|XP_017135424.1| PREDICTED: lipoyl synthase, mitochondrial [Drosophila miran-
>gi|1036781351|ref|XP_017135427.1| PREDICTED: neuronal membrane glycoprotein M6-a isoform X1 [
>gi|1036781369|ref|XP_017135428.1| PREDICTED: neuronal membrane glycoprotein M6-a isoform X2 [
>gi|1036781335|ref|XP_017135426.1| PREDICTED: serine/threonine-protein kinase PLK4 [Drosophila
>gi|1036781316|ref|XP_017135425.1| PREDICTED: cyclin-dependent kinase 12 [Drosophila miranda]
>gi|1036808324|ref|XP_017136950.1| PREDICTED: WD repeat-containing protein 26 homolog [Drosoph
>gi|1036808342|ref|XP 017136951.1| PREDICTED: WD repeat-containing protein 26 homolog [Drosoph
>gi|1036808360|ref|XP_017136952.1| PREDICTED: WD repeat-containing protein 26 homolog [Drosoph
>gi|1036808378|ref|XP_017136953.1| PREDICTED: protein ARV1 [Drosophila miranda]
>gi|1036827172|ref|XP_017137987.1| PREDICTED: probable E3 ubiquitin-protein ligase makorin-1 [
>gi|1036767050|ref|XP_017134610.1| PREDICTED: pickpocket protein 28 isoform X1 [Drosophila mire
>gi|1036767071|ref|XP_017134611.1| PREDICTED: pickpocket protein 28 isoform X2 [Drosophila mire
>gi|1036833247|ref|XP 017138334.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 4 [
>gi|1036833265|ref|XP_017138335.1| PREDICTED: uncharacterized protein LOC108153066 [Drosophila
>gi|1036847420|ref|XP_017139115.1| PREDICTED: V-type proton ATPase subunit e 2 [Drosophila mire
>gi|1036802904|ref|XP_017136648.1| PREDICTED: serine/threonine-protein kinase WNK1 [Drosophila
>gi|1036802885|ref|XP_017136647.1| PREDICTED: N-acylneuraminate cytidylyltransferase [Drosophi
>gi|1036830998|ref|XP_017138208.1| PREDICTED: neuronal calcium sensor 2 isoform X2 [Drosophila
>gi|1036830981|ref|XP_017138207.1| PREDICTED: neuronal calcium sensor 2 isoform X1 [Drosophila
>gi|1036830962|ref|XP_017138206.1| PREDICTED: neurocalcin homolog [Drosophila miranda]
>gi|1036840070|ref|XP_017138721.1| PREDICTED: 4-aminobutyrate aminotransferase, mitochondrial
>gi|1036840388|ref|XP_017138738.1| PREDICTED: mitochondrial import receptor subunit TOM20 homo
>gi|1036775759|ref|XP_017135093.1| PREDICTED: fat-like cadherin-related tumor suppressor homological statements and the suppressor homological statements are suppressed to the suppressor homological statements and the suppressor homological statements are suppressed to the suppressor homological statements and the suppressor homological statements are suppressed to the suppression of the su
>gi|1036775778|ref|XP_017135094.1| PREDICTED: uncharacterized protein LOC108151174 [Drosophila
>gi|1036816945|ref|XP_017137423.1| PREDICTED: GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosy
>gi|1036816964|ref|XP_017137424.1| PREDICTED: uncharacterized protein LOC108152530 [Drosophila
>gi|1036816844|ref|XP_017137417.1| PREDICTED: IQ and AAA domain-containing protein 1-like isof
>gi|1036816863|ref|XP 017137418.1| PREDICTED: IQ and AAA domain-containing protein 1-like isof
>gi|1036816903|ref|XP_017137421.1| PREDICTED: IQ and AAA domain-containing protein 1-like isof
>gi|1036816882|ref|XP 017137420.1| PREDICTED: IQ and AAA domain-containing protein 1-like isof
>gi|1036816926|ref|XP_017137422.1| PREDICTED: opioid-binding protein/cell adhesion molecule-li
>gi|1036835442|ref|XP 017138450.1| PREDICTED: uncharacterized protein LOC108153158 [Drosophila
>gi|1036831455|ref|XP_017138235.1| PREDICTED: membrane-bound transcription factor site-1 protection
>gi|1036845372|ref|XP_017139005.1| PREDICTED: transcription factor AP-2-epsilon isoform X6 [Dr
>gi|1036845336|ref|XP_017139003.1| PREDICTED: transcription factor AP-2-epsilon isoform X4 [Dr
>gi|1036845317|ref|XP_017139001.1| PREDICTED: transcription factor AP-2-epsilon isoform X3 [Dref|XP_017139001.1]
>gi|1036845280|ref|XP_017138999.1| PREDICTED: transcription factor AP-2-epsilon isoform X1 [Dref|XP_017138999.1]
>gi|1036845355|ref|XP_017139004.1| PREDICTED: transcription factor AP-2-epsilon isoform X5 [Dref|XP_017139004.1]
>gi|1036845298|ref|XP_017139000.1| PREDICTED: transcription factor AP-2-epsilon isoform X2 [Dref|XP_017139000.1]
>gi|1036841786|ref|XP_017138821.1| PREDICTED: ER membrane protein complex subunit 10 [Drosophi
>gi|1036814985|ref|XP_017137310.1| PREDICTED: uncharacterized protein LOC108152457 [Drosophila
>gi|1036815006|ref|XP_017137311.1| PREDICTED: alanine--glyoxylate aminotransferase 2, mitochon-
>gi|1036815027|ref|XP_017137312.1| PREDICTED: alanine--glyoxylate aminotransferase 2, mitochon
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>gi|1036815048|ref|XP_017137313.1| PREDICTED: transmembrane protein 64 [Drosophila miranda]
>gi|1036844266|ref|XP_017138950.1| PREDICTED: uncharacterized protein LOC108153445 isoform X1
>gi|1036844285|ref|XP_017138951.1| PREDICTED: uncharacterized protein LOC108153445 isoform X1
>gi|1036844304|ref|XP_017138952.1| PREDICTED: uncharacterized protein LOC108153445 isoform X2
>gi|1036834508|ref|XP 017138394.1| PREDICTED: transcription elongation factor, mitochondrial [
>gi|1036834527|ref|XP_017138395.1| PREDICTED: protein maelstrom 1 [Drosophila miranda]
>gi|1036817710|ref|XP_017137465.1| PREDICTED: serine/arginine repetitive matrix protein 1 [Dros
>gi|1036817674|ref|XP_017137463.1| PREDICTED: ADP-ribosylation factor GTPase-activating protein
>gi|1036817691|ref|XP_017137464.1| PREDICTED: ADP-ribosylation factor GTPase-activating protein
>gi|1036817782|ref|XP_017137469.1| PREDICTED: translation initiation factor IF-2 isoform X4 [D:
>gi|1036817763|ref|XP_017137468.1| PREDICTED: salt stress root protein RS1 isoform X3 [Drosoph
>gi|1036817746|ref|XP_017137467.1| PREDICTED: translation initiation factor IF-2 isoform X2 [Di
>gi|1036817729|ref|XP_017137466.1| PREDICTED: salt stress root protein RS1 isoform X1 [Drosoph
>gi|1036760087|ref|XP_017156874.1| PREDICTED: cell wall protein TIR3-like [Drosophila miranda]
>gi|1036769608|ref|XP_017134749.1| PREDICTED: protein new-glue 1-like [Drosophila miranda]
>gi|1036760104|ref|XP_017156877.1| PREDICTED: protein new-glue 2-like [Drosophila miranda]
>gi|1036768041|ref|XP_017134660.1| PREDICTED: uncharacterized protein LOC108150868 [Drosophila
>gi|1036760124|ref|XP_017156878.1| PREDICTED: uncharacterized protein LOC108165355 [Drosophila
>gi|1036760145|ref|XP_017156879.1| PREDICTED: circadian clock-controlled protein [Drosophila m
>gi|1036839884|ref|XP 017138710.1| PREDICTED: ribonuclease P protein subunit p29-like [Drosoph
>gi|1036839903|ref|XP_017138711.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop
>gi|1036839922|ref|XP 017138712.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop
>gi|1036839943|ref|XP_017138713.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop
>gi|1036763368|ref|XP_017157062.1| PREDICTED: S-phase kinase-associated protein 1-like [Drosop
>gi|1036770903|ref|XP_017134820.1| PREDICTED: uncharacterized protein LOC108150985 [Drosophila
>gi|1036760162|ref|XP_017156880.1| PREDICTED: uncharacterized protein LOC108165357 [Drosophila
>gi|1036760180|ref|XP_017156881.1| PREDICTED: uncharacterized protein LOC108165358 [Drosophila
>gi|1036760200|ref|XP_017156882.1| PREDICTED: uncharacterized protein LOC108165359 [Drosophila
>gi|1036770922|ref|XP_017134821.1| PREDICTED: uncharacterized protein LOC108150986 [Drosophila
>gi|1036760218|ref|XP_017156884.1| PREDICTED: uncharacterized protein LOC108165360 [Drosophila
>gi|1036760237|ref|XP_017156885.1| PREDICTED: uncharacterized protein LOC108165361 [Drosophila
>gi|1036760256|ref|XP_017156886.1| PREDICTED: uncharacterized protein LOC108165362 [Drosophila
>gi|1036760275|ref|XP_017156887.1| PREDICTED: uncharacterized protein LOC108165363 [Drosophila
>gi|1036760296|ref|XP_017156888.1| PREDICTED: uncharacterized protein LOC108165364 [Drosophila
>gi|1036760315|ref|XP 017156889.1| PREDICTED: putative uncharacterized protein DDB G0282129 [Di
>gi|1036852232|ref|XP_017139398.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036850112|ref|XP 017139271.1| PREDICTED: thioredoxin reductase 2, mitochondrial [Drosophi
>gi|1036766462|ref|XP_017134576.1| PREDICTED: uncharacterized protein LOC108150786 [Drosophila
>gi|1036760334|ref|XP_017156890.1| PREDICTED: uncharacterized protein LOC108165366 [Drosophila
>gi|1036760376|ref|XP_017156892.1| PREDICTED: uncharacterized protein LOC108165367 [Drosophila
>gi|1036852195|ref|XP_017139396.1| PREDICTED: uncharacterized protein LOC108153768 [Drosophila
>gi|1036852214|ref|XP_017139397.1| PREDICTED: uncharacterized protein LOC108153770 [Drosophila
>gi|1036766504|ref|XP 017134578.1| PREDICTED: uncharacterized protein LOC108150788 [Drosophila
>gi|1036760395|ref|XP_017156893.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036851018|ref|XP_017139322.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
>gi|1036840279|ref|XP_017138733.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
>gi|1036840335|ref|XP_017138736.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
>gi|1036840314|ref|XP_017138735.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
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>gi|1036840296|ref|XP_017138734.1| PREDICTED: putative phosphatidate phosphatase [Drosophila m
>gi|1036840261|ref|XP_017138732.1| PREDICTED: cilia- and flagella-associated protein 45 [Droso
>gi|1036773303|ref|XP_017134957.1| PREDICTED: teneurin-m isoform X1 [Drosophila miranda]
>gi|1036773322|ref|XP_017134958.1| PREDICTED: teneurin-m isoform X2 [Drosophila miranda]
>gi|1036773341|ref|XP 017134959.1| PREDICTED: teneurin-m isoform X3 [Drosophila miranda]
>gi|1036773360|ref|XP_017134960.1| PREDICTED: teneurin-m isoform X4 [Drosophila miranda]
>gi|1036819799|ref|XP 017137581.1| PREDICTED: isoleucine--tRNA ligase, cytoplasmic [Drosophila
>gi|1036821237|ref|XP_017137654.1| PREDICTED: DDB1- and CUL4-associated factor 8 [Drosophila m
>gi|1036821218|ref|XP_017137652.1| PREDICTED: dynein heavy chain 12, axonemal [Drosophila mirated]
>gi|1036772576|ref|XP_017134916.1| PREDICTED: ankyrin-1 [Drosophila miranda]
>gi|1036772595|ref|XP_017134917.1| PREDICTED: DNA polymerase delta small subunit [Drosophila m
>gi|1036772637|ref|XP_017134920.1| PREDICTED: U6 snRNA-associated Sm-like protein LSm8 [Drosop
>gi|1036772616|ref|XP_017134918.1| PREDICTED: 39S ribosomal protein L46, mitochondrial [Drosop
>gi|1036772538|ref|XP_017134914.1| PREDICTED: spectrin alpha chain isoform X4 [Drosophila mirated
>gi|1036772521|ref|XP_017134913.1| PREDICTED: spectrin alpha chain isoform X3 [Drosophila mirated
>gi|1036772503|ref|XP_017134912.1| PREDICTED: spectrin alpha chain isoform X2 [Drosophila mirated
>gi|1036772486|ref|XP_017134911.1| PREDICTED: spectrin alpha chain isoform X1 [Drosophila mirated
>gi|1036772557|ref|XP 017134915.1| PREDICTED: protein disks lost [Drosophila miranda]
>gi|1036836935|ref|XP_017138538.1| PREDICTED: LOW QUALITY PROTEIN: ragulator complex protein L
>gi|1036836916|ref|XP 017138537.1| PREDICTED: vacuolar fusion protein CCZ1 homolog [Drosophila
>gi|1036844517|ref|XP_017138963.1| PREDICTED: polyubiquitin [Drosophila miranda]
>gi|1036821406|ref|XP_017137662.1| PREDICTED: very-long-chain enoyl-CoA reductase [Drosophila i
>gi|1036821385|ref|XP_017137661.1| PREDICTED: anaphase-promoting complex subunit 5 [Drosophila
>gi|1036821425|ref|XP_017137664.1| PREDICTED: mitochondrial import receptor subunit TOM22 homo
>gi|1036839718|ref|XP_017138701.1| PREDICTED: calcium-binding protein E63-1 isoform X2 [Drosop
>gi|1036839699|ref|XP_017138700.1| PREDICTED: calcium-binding protein E63-1 isoform X1 [Drosop
>gi|1036839735|ref|XP_017138702.1| PREDICTED: calcium-binding protein E63-1 isoform X3 [Drosop
>gi|1036839792|ref|XP_017138705.1| PREDICTED: calcium-binding protein E63-1 isoform X6 [Drosop
>gi|1036839773|ref|XP_017138704.1| PREDICTED: calcium-binding protein E63-1 isoform X5 [Drosop
>gi|1036839754|ref|XP_017138703.1| PREDICTED: calcium-binding protein E63-1 isoform X4 [Drosop
>gi|1036845762|ref|XP_017139019.1| PREDICTED: transmembrane protein C5orf28 homolog [Drosophile
>gi|1036843132|ref|XP_017138885.1| PREDICTED: aldose reductase [Drosophila miranda]
>gi|1036843077|ref|XP 017138882.1| PREDICTED: filaggrin [Drosophila miranda]
>gi|1036843095|ref|XP_017138883.1| PREDICTED: filaggrin [Drosophila miranda]
>gi|1036843114|ref|XP 017138884.1| PREDICTED: filaggrin [Drosophila miranda]
>gi|1036770382|ref|XP_017134792.1| PREDICTED: F-box/LRR-repeat protein 17 [Drosophila miranda]
>gi|1036766809|ref|XP_017134595.1| PREDICTED: uncharacterized protein LOC108150802 [Drosophila
>gi|1036841357|ref|XP_017138795.1| PREDICTED: zinc finger protein 37 isoform X1 [Drosophila mi
>gi|1036841374|ref|XP_017138796.1| PREDICTED: zinc finger protein 37 isoform X1 [Drosophila mi
>gi|1036841393|ref|XP_017138797.1| PREDICTED: zinc finger protein 37 isoform X1 [Drosophila mi
>gi|1036841412|ref|XP_017138798.1| PREDICTED: zinc finger protein 37 isoform X1 [Drosophila mi
>gi|1036841432|ref|XP_017138799.1| PREDICTED: zinc finger protein 37 isoform X1 [Drosophila mi
>gi|1036841451|ref|XP_017138800.1| PREDICTED: zinc finger protein 2 isoform X2 [Drosophila mire
>gi|1036838087|ref|XP_017138609.1| PREDICTED: zinc finger protein rotund [Drosophila miranda]
>gi|1036844972|ref|XP_017138980.1| PREDICTED: MIT domain-containing protein 1 [Drosophila mirated
>gi|1036824637|ref|XP_017137846.1| PREDICTED: fork head domain-containing protein FD2 isoform
>gi|1036824658|ref|XP_017137848.1| PREDICTED: fork head domain-containing protein FD2 isoform
>gi|1036824677|ref|XP_017137849.1| PREDICTED: mitochondrial ubiquitin ligase activator of NFKB
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>gi|1036824617|ref|XP_017137845.1| PREDICTED: FGGY carbohydrate kinase domain-containing prote
>gi|1036800785|ref|XP_017136530.1| PREDICTED: uncharacterized protein LOC108152042 [Drosophila
>gi|1036800745|ref|XP_017136528.1| PREDICTED: adenosine 3'-phospho 5'-phosphosulfate transport
>gi|1036800692|ref|XP_017136525.1| PREDICTED: calcium homeostasis endoplasmic reticulum protei
>gi|1036800728|ref|XP 017136527.1| PREDICTED: calcium homeostasis endoplasmic reticulum protein
>gi|1036800710|ref|XP_017136526.1| PREDICTED: calcium homeostasis endoplasmic reticulum protei
>gi|1036800766|ref|XP 017136529.1| PREDICTED: probable malonyl-CoA-acyl carrier protein transa
>gi|1036842385|ref|XP_017138842.1| PREDICTED: uncharacterized protein LOC108153380 [Drosophila
>gi|1036842367|ref|XP_017138841.1| PREDICTED: uncharacterized protein LOC108153379 [Drosophila
>gi|1036795458|ref|XP_017136229.1| PREDICTED: unc-112-related protein [Drosophila miranda]
>gi|1036795476|ref|XP_017136230.1| PREDICTED: unc-112-related protein [Drosophila miranda]
>gi|1036795494|ref|XP_017136231.1| PREDICTED: uncharacterized protein LOC108151858 [Drosophila
>gi|1036795439|ref|XP_017136228.1| PREDICTED: ribosome biogenesis protein BMS1 homolog [Drosop
>gi|1036833429|ref|XP_017138344.1| PREDICTED: coiled-coil domain-containing protein 6 [Drosoph
>gi|1036824982|ref|XP_017137863.1| PREDICTED: acetyl-coenzyme A transporter 1 [Drosophila mirat
>gi|1036825001|ref|XP 017137864.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1036811610|ref|XP_017137128.1| PREDICTED: glutamate synthase [NADH], amyloplastic isoform
>gi|1036811592|ref|XP_017137126.1| PREDICTED: glutamate synthase [NADH], amyloplastic isoform
>gi|1036811629|ref|XP_017137129.1| PREDICTED: glutamate synthase 1 [NADH], chloroplastic isofo
>gi|1036811648|ref|XP_017137130.1| PREDICTED: glutamate synthase 1 [NADH], chloroplastic isofo
>gi|1036811667|ref|XP_017137131.1| PREDICTED: glutamate synthase 1 [NADH], chloroplastic isofo
>gi|1036831019|ref|XP_017138210.1| PREDICTED: nuclear migration protein nudC [Drosophila miran
>gi|1036831038|ref|XP_017138211.1| PREDICTED: vitellogenin-2 isoform X1 [Drosophila miranda]
>gi|1036831057|ref|XP_017138212.1| PREDICTED: vitellogenin-2 isoform X2 [Drosophila miranda]
>gi|1036831075|ref|XP_017138213.1| PREDICTED: vitellogenin-2 isoform X2 [Drosophila miranda]
>gi|1036796359|ref|XP_017136279.1| PREDICTED: zinc finger protein CG2199 [Drosophila miranda]
>gi|1036796378|ref|XP_017136280.1| PREDICTED: uncharacterized protein LOC108151890 [Drosophila
>gi|1036796397|ref|XP_017136281.1| PREDICTED: uncharacterized protein LOC108151891 [Drosophila
>gi|1036796418|ref|XP_017136282.1| PREDICTED: uncharacterized protein LOC108151892 [Drosophila
>gi|1036796488|ref|XP_017136286.1| PREDICTED: uncharacterized protein LOC108151895 [Drosophila
>gi|1036796456|ref|XP_017136284.1| PREDICTED: acyl carrier protein, mitochondrial isoform X2 [
>gi|1036796471|ref|XP_017136285.1| PREDICTED: acyl carrier protein, mitochondrial isoform X3 [
>gi|1036796437|ref|XP_017136283.1| PREDICTED: acyl carrier protein, mitochondrial isoform X1 [
>gi|1036776981|ref|XP_017135164.1| PREDICTED: myosin-IB isoform X1 [Drosophila miranda]
>gi|1036776998|ref|XP 017135165.1| PREDICTED: myosin-IB isoform X2 [Drosophila miranda]
>gi|1036777069|ref|XP_017135170.1| PREDICTED: annexin A11 isoform X1 [Drosophila miranda]
>gi|1036777087|ref|XP_017135171.1| PREDICTED: annexin A7 isoform X2 [Drosophila miranda]
>gi|1036776963|ref|XP_017135163.1| PREDICTED: probable E3 ubiquitin-protein ligase HERC4 isofo
>gi|1036776945|ref|XP_017135162.1| PREDICTED: probable E3 ubiquitin-protein ligase HERC4 isofo
>gi|1036776926|ref|XP_017135161.1| PREDICTED: probable E3 ubiquitin-protein ligase HERC4 isofo
>gi|1036776908|ref|XP_017135160.1| PREDICTED: probable E3 ubiquitin-protein ligase HERC4 isofo
>gi|1036777050|ref|XP_017135168.1| PREDICTED: lipid droplet-associated hydrolase [Drosophila m
>gi|1036776889|ref|XP_017135159.1| PREDICTED: RNA polymerase-associated protein CTR9 homolog [
>gi|1036777012|ref|XP_017135166.1| PREDICTED: 5'-nucleotidase domain-containing protein 1 [Dros
>gi|1036777031|ref|XP_017135167.1| PREDICTED: acetyl-CoA acetyltransferase, cytosolic [Drosoph
>gi|1036835217|ref|XP_017138436.1| PREDICTED: ras-related protein Rac1 [Drosophila miranda]
>gi|1036841651|ref|XP_017138812.1| PREDICTED: calumenin [Drosophila miranda]
>gi|1036836224|ref|XP_017138497.1| PREDICTED: rab5 GDP/GTP exchange factor [Drosophila miranda]
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>gi|1036852560|ref|XP_017139418.1| PREDICTED: E3 ubiquitin-protein ligase msl-2-like [Drosophi
>gi|1036828205|ref|XP_017138047.1| PREDICTED: uncharacterized protein LOC108152907 isoform X2
>gi|1036828148|ref|XP_017138044.1| PREDICTED: uncharacterized protein LOC108152907 isoform X1
>gi|1036828167|ref|XP_017138045.1| PREDICTED: uncharacterized protein LOC108152907 isoform X1
>gi|1036828186|ref|XP 017138046.1| PREDICTED: uncharacterized protein LOC108152907 isoform X1
>gi|1036828224|ref|XP_017138048.1| PREDICTED: uncharacterized protein LOC108152907 isoform X3
>gi|1036850398|ref|XP 017139286.1| PREDICTED: uncharacterized protein LOC108153681 isoform X1
>gi|1036850417|ref|XP_017139288.1| PREDICTED: perlucin isoform X2 [Drosophila miranda]
>gi|1036827133|ref|XP_017137985.1| PREDICTED: uncharacterized protein LOC108152866 [Drosophila
>gi|1036827114|ref|XP_017137983.1| PREDICTED: uncharacterized protein LOC108152865 [Drosophila
>gi|1036827057|ref|XP_017137980.1| PREDICTED: phosphatidylinositide phosphatase SAC1 isoform X
>gi|1036827076|ref|XP_017137981.1| PREDICTED: phosphatidylinositide phosphatase SAC1 isoform X
>gi|1036827095|ref|XP_017137982.1| PREDICTED: phosphatidylinositide phosphatase SAC1 isoform X
>gi|1036807280|ref|XP_017136893.1| PREDICTED: kinesin-like protein Klp61F isoform X2 [Drosophi
>gi|1036807263|ref|XP_017136892.1| PREDICTED: kinesin-like protein Klp61F isoform X1 [Drosophi
>gi|1036807299|ref|XP_017136894.1| PREDICTED: uncharacterized protein LOC108152223 [Drosophila
>gi|1036807317|ref|XP_017136895.1| PREDICTED: uncharacterized protein LOC108152223 [Drosophila
>gi|1036826333|ref|XP_017137938.1| PREDICTED: UBX domain-containing protein 4 [Drosophila mirated]
>gi|1036826352|ref|XP_017137939.1| PREDICTED: ribonuclease Oy [Drosophila miranda]
>gi|1036847978|ref|XP 017139145.1| PREDICTED: homeotic protein empty spiracles [Drosophila mire
>gi|1036810752|ref|XP_017137081.1| PREDICTED: signal recognition particle 9 kDa protein [Droso
>gi|1036810564|ref|XP_017137071.1| PREDICTED: JNK-interacting protein 3 isoform X1 [Drosophila
>gi|1036810583|ref|XP_017137072.1| PREDICTED: JNK-interacting protein 3 isoform X2 [Drosophila
>gi|1036810602|ref|XP_017137073.1| PREDICTED: JNK-interacting protein 3 isoform X3 [Drosophila
>gi|1036810677|ref|XP_017137077.1| PREDICTED: JNK-interacting protein 3 isoform X7 [Drosophila
>gi|1036810640|ref|XP_017137075.1| PREDICTED: JNK-interacting protein 3 isoform X5 [Drosophila
>gi|1036810621|ref|XP_017137074.1| PREDICTED: JNK-interacting protein 3 isoform X4 [Drosophila
>gi|1036810696|ref|XP_017137078.1| PREDICTED: JNK-interacting protein 3 isoform X8 [Drosophila
>gi|1036810714|ref|XP_017137079.1| PREDICTED: JNK-interacting protein 3 isoform X9 [Drosophila
>gi|1036810659|ref|XP_017137076.1| PREDICTED: JNK-interacting protein 3 isoform X6 [Drosophila
>gi|1036810733|ref|XP_017137080.1| PREDICTED: JNK-interacting protein 3 isoform X10 [Drosophile
>gi|1036836561|ref|XP_017138518.1| PREDICTED: transmembrane protein 43 homolog [Drosophila mire
>gi|1036836579|ref|XP_017138519.1| PREDICTED: uncharacterized protein LOC108153208 [Drosophila
>gi|1036798749|ref|XP_017136415.1| PREDICTED: protein ECT2 [Drosophila miranda]
>gi|1036798768|ref|XP 017136416.1| PREDICTED: eukaryotic translation initiation factor 4E [Drop
>gi|1036760408|ref|XP_017156894.1| PREDICTED: uncharacterized protein LOC108165369 [Drosophila
>gi|1036810295|ref|XP 017137055.1| PREDICTED: hepatic leukemia factor isoform X11 [Drosophila 1
>gi|1036810312|ref|XP_017137056.1| PREDICTED: hepatic leukemia factor isoform X12 [Drosophila i
>gi|1036810329|ref|XP_017137058.1| PREDICTED: hepatic leukemia factor isoform X13 [Drosophila 1
>gi|1036810113|ref|XP_017137045.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X1
>gi|1036810150|ref|XP_017137047.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X3
>gi|1036810222|ref|XP_017137051.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X7
>gi|1036810132|ref|XP_017137046.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X2
>gi|1036810169|ref|XP_017137048.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X4
>gi|1036810187|ref|XP_017137049.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X5
>gi|1036810205|ref|XP_017137050.1| PREDICTED: uncharacterized protein DDB_G0283357 isoform X6
>gi|1036810278|ref|XP_017137054.1| PREDICTED: DNA N6-methyl adenine demethylase isoform X10 [D:
>gi|1036810242|ref|XP_017137052.1| PREDICTED: transcription factor mef2A isoform X8 [Drosophile
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>gi|1036810261|ref|XP_017137053.1| PREDICTED: transcription factor mef2A isoform X9 [Drosophile
>gi|1036832589|ref|XP_017138296.1| PREDICTED: uncharacterized protein LOC108153045 [Drosophila
>gi|1036832606|ref|XP_017138297.1| PREDICTED: uncharacterized protein LOC108153045 [Drosophila
>gi|1036760426|ref|XP_017156895.1| PREDICTED: circadian locomoter output cycles protein kaput
>gi|1036837419|ref|XP 017138568.1| PREDICTED: protein henna [Drosophila miranda]
>gi|1036837401|ref|XP_017138567.1| PREDICTED: uncharacterized protein LOC108153239 isoform X2
>gi|1036837382|ref|XP 017138566.1| PREDICTED: fibrillin-1 isoform X1 [Drosophila miranda]
>gi|1036837435|ref|XP_017138569.1| PREDICTED: heat shock protein 27 [Drosophila miranda]
>gi|1036760445|ref|XP_017156896.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036848732|ref|XP_017139187.1| PREDICTED: sensory neuron membrane protein 2 isoform X2 [Dr
>gi|1036848695|ref|XP_017139185.1| PREDICTED: sensory neuron membrane protein 2 isoform X1 [Dref|XP_017139185.1]
>gi|1036848713|ref|XP 017139186.1| PREDICTED: sensory neuron membrane protein 2 isoform X1 [Dro
>gi|1036848750|ref|XP_017139188.1| PREDICTED: sensory neuron membrane protein 2 isoform X3 [Dr
>gi|1036848771|ref|XP 017139189.1| PREDICTED: sensory neuron membrane protein 2 isoform X4 [Dro
>gi|1036847236|ref|XP_017139103.1| PREDICTED: uncharacterized protein LOC108153548 isoform X1
>gi|1036847253|ref|XP_017139104.1| PREDICTED: uncharacterized protein LOC108153548 isoform X2
>gi|1036760462|ref|XP_017156897.1| PREDICTED: probable serine/threonine-protein kinase DDB_G02
>gi|1036806315|ref|XP_017136838.1| PREDICTED: transcription initiation factor TFIID subunit 4
>gi|1036806333|ref|XP_017136839.1| PREDICTED: transcription initiation factor TFIID subunit 4
>gi|1036806375|ref|XP 017136841.1| PREDICTED: transcription initiation factor TFIID subunit 4
>gi|1036806394|ref|XP_017136843.1| PREDICTED: transcription initiation factor TFIID subunit 4
>gi|1036806352|ref|XP 017136840.1| PREDICTED: transcription initiation factor TFIID subunit 4
>gi|1036822288|ref|XP_017137712.1| PREDICTED: WASH complex subunit strumpellin homolog [Drosop
>gi|1036822307|ref|XP_017137713.1| PREDICTED: phosphoglucomutase [Drosophila miranda]
>gi|1036799926|ref|XP_017136480.1| PREDICTED: LOW QUALITY PROTEIN: nuclear pore complex protein
>gi|1036799944|ref|XP_017136481.1| PREDICTED: translocon-associated protein subunit beta [Dros
>gi|1036799960|ref|XP_017136482.1| PREDICTED: probable trafficking protein particle complex su
>gi|1036799907|ref|XP_017136479.1| PREDICTED: ATPase family AAA domain-containing protein 5 [Di
>gi|1036799977|ref|XP_017136484.1| PREDICTED: cytochrome b5 [Drosophila miranda]
>gi|1036779161|ref|XP_017135297.1| PREDICTED: P17/29C-like protein DDB_G0287399 [Drosophila mi
>gi|1036779181|ref|XP_017135298.1| PREDICTED: P17/29C-like protein DDB_G0287399 [Drosophila mi
>gi|1036779144|ref|XP_017135296.1| PREDICTED: LOW QUALITY PROTEIN: protein arginine N-methyltra
>gi|1036779443|ref|XP_017135313.1| PREDICTED: uncharacterized protein LOC108151290 isoform X4
>gi|1036779425|ref|XP_017135312.1| PREDICTED: uncharacterized protein LOC108151290 isoform X3
>gi|1036779459|ref|XP 017135314.1| PREDICTED: uncharacterized protein LOC108151290 isoform X5
>gi|1036779406|ref|XP_017135311.1| PREDICTED: uncharacterized protein LOC108151290 isoform X2
>gi|1036779387|ref|XP_017135310.1| PREDICTED: uncharacterized protein LOC108151290 isoform X1
>gi|1036760478|ref|XP_017156898.1| PREDICTED: uncharacterized protein LOC108165373 [Drosophila
>gi|1036760495|ref|XP_017156900.1| PREDICTED: homeotic protein female sterile [Drosophila mirates
>gi|1036779107|ref|XP_017135294.1| PREDICTED: U3 small nucleolar RNA-associated protein 4 homo
>gi|1036779199|ref|XP_017135299.1| PREDICTED: protein disulfide-isomerase TMX3 isoform X1 [Dros
>gi|1036779218|ref|XP_017135300.1| PREDICTED: protein disulfide-isomerase TMX3 isoform X2 [Dros
>gi|1036779604|ref|XP_017135323.1| PREDICTED: programmed cell death protein 5 [Drosophila mirated
>gi|1036779641|ref|XP_017135325.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036779348|ref|XP_017135308.1| PREDICTED: iron-sulfur cluster co-chaperone protein HscB, m
>gi|1036779237|ref|XP_017135301.1| PREDICTED: gamma-glutamyl hydrolase isoform X1 [Drosophila 1
>gi|1036779256|ref|XP_017135303.1| PREDICTED: gamma-glutamyl hydrolase A isoform X2 [Drosophile
>gi|1036779312|ref|XP_017135306.1| PREDICTED: gamma-glutamyl hydrolase isoform X1 [Drosophila 1
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>gi|1036779329|ref|XP_017135307.1| PREDICTED: gamma-glutamyl hydrolase A isoform X2 [Drosophile
>gi|1036779293|ref|XP_017135305.1| PREDICTED: homeobox protein 5 [Drosophila miranda]
>gi|1036779274|ref|XP_017135304.1| PREDICTED: dentin sialophosphoprotein [Drosophila miranda]
>gi|1036779819|ref|XP_017135336.1| PREDICTED: uncharacterized protein LOC108151309 isoform X2
>gi|1036779804|ref|XP 017135335.1| PREDICTED: uncharacterized protein LOC108151309 isoform X1
>gi|1036779909|ref|XP_017135342.1| PREDICTED: uncharacterized protein LOC108151314 [Drosophila
>gi|1036779928|ref|XP 017135343.1| PREDICTED: uncharacterized protein LOC108151315 [Drosophila
>gi|1036760511|ref|XP_017156901.1| PREDICTED: uncharacterized protein LOC108165375 [Drosophila
>gi|1036779854|ref|XP_017135339.1| PREDICTED: cuticle protein 38 [Drosophila miranda]
>gi|1036779124|ref|XP_017135295.1| PREDICTED: leucine-rich repeat-containing G-protein coupled
>gi|1036779660|ref|XP_017135327.1| PREDICTED: vitelline membrane protein Vm26Ab [Drosophila mi
>gi|1036779837|ref|XP_017135337.1| PREDICTED: EMI domain-containing protein 1 [Drosophila mirated]
>gi|1036779945|ref|XP_017135344.1| PREDICTED: uncharacterized protein LOC108151316 [Drosophila
>gi|1036779513|ref|XP_017135318.1| PREDICTED: cuticle protein 10.6 [Drosophila miranda]
>gi|1036779549|ref|XP_017135320.1| PREDICTED: glycine-rich protein [Drosophila miranda]
>gi|1036779873|ref|XP_017135340.1| PREDICTED: uncharacterized protein LOC108151312 [Drosophila
>gi|1036779476|ref|XP_017135316.1| PREDICTED: cuticle protein 38 [Drosophila miranda]
>gi|1036760529|ref|XP_017156902.1| PREDICTED: pollen-specific leucine-rich repeat extensin-lik
>gi|1036760545|ref|XP_017156903.1| PREDICTED: vitelline membrane protein Vm26Ab [Drosophila mi
>gi|1036779368|ref|XP 017135309.1| PREDICTED: transcription factor btd [Drosophila miranda]
>gi|1036760563|ref|XP_017156904.1| PREDICTED: extensin-3 [Drosophila miranda]
>gi|1036779568|ref|XP 017135321.1| PREDICTED: cuticle protein 10.6 [Drosophila miranda]
>gi|1036779714|ref|XP_017135330.1| PREDICTED: uncharacterized protein LOC108151305 [Drosophila
>gi|1036779532|ref|XP_017135319.1| PREDICTED: pupal cuticle protein C1B [Drosophila miranda]
>gi|1036779587|ref|XP_017135322.1| PREDICTED: cuticle protein LPCP-23 [Drosophila miranda]
>gi|1036779733|ref|XP_017135331.1| PREDICTED: pupal cuticle protein C1B [Drosophila miranda]
>gi|1036779752|ref|XP_017135332.1| PREDICTED: uncharacterized protein LOC108151307 [Drosophila
>gi|1036779771|ref|XP_017135333.1| PREDICTED: uncharacterized protein LOC108151307 [Drosophila
>gi|1036779789|ref|XP_017135334.1| PREDICTED: uncharacterized protein LOC108151307 [Drosophila
>gi|1036779697|ref|XP 017135329.1| PREDICTED: uncharacterized histidine-rich protein DDB G0274
>gi|1036779891|ref|XP_017135341.1| PREDICTED: neuropeptide-like 3 [Drosophila miranda]
>gi|1036779679|ref|XP_017135328.1| PREDICTED: uncharacterized protein LOC108151303 [Drosophila
>gi|1036779622|ref|XP_017135324.1| PREDICTED: pupal cuticle protein Edg-84A-like [Drosophila m
>gi|1036779964|ref|XP_017135346.1| PREDICTED: uncharacterized protein LOC108151317 [Drosophila
>gi|1036779494|ref|XP 017135317.1| PREDICTED: cuticle protein LPCP-23 [Drosophila miranda]
>gi|1036768478|ref|XP_017134684.1| PREDICTED: cuticle protein [Drosophila miranda]
>gi|1036766977|ref|XP_017134605.1| PREDICTED: uncharacterized protein LOC108150811 [Drosophila
>gi|1036767983|ref|XP_017134657.1| PREDICTED: uncharacterized protein LOC108150865 [Drosophila
>gi|1036851525|ref|XP_017139354.1| PREDICTED: E3 ubiquitin-protein ligase TRIM33 [Drosophila m
>gi|1036851506|ref|XP_017139352.1| PREDICTED: trimeric intracellular cation channel type B [Dr
>gi|1036760581|ref|XP_017156905.1| PREDICTED: uncharacterized protein LOC108165379 [Drosophila
>gi|1036851180|ref|XP_017139332.1| PREDICTED: uncharacterized protein LOC108153716 [Drosophila
>gi|1036851199|ref|XP 017139333.1| PREDICTED: uncharacterized protein LOC108153717 [Drosophila
>gi|1036827712|ref|XP_017138019.1| PREDICTED: uncharacterized protein LOC108152891 isoform X2
>gi|1036827694|ref|XP_017138018.1| PREDICTED: uncharacterized protein LOC108152891 isoform X1
>gi|1036760600|ref|XP_017156907.1| PREDICTED: protein anoxia up-regulated [Drosophila miranda]
>gi|1036827750|ref|XP_017138022.1| PREDICTED: uncharacterized protein LOC108152893 [Drosophila
>gi|1036827731|ref|XP_017138020.1| PREDICTED: coiled-coil domain-containing protein 186 [Droso
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>gi|1036837536|ref|XP_017138575.1| PREDICTED: probable tRNA N6-adenosine threonylcarbamoyltran
>gi|1036837573|ref|XP_017138578.1| PREDICTED: alcohol dehydrogenase isoform X2 [Drosophila mire
>gi|1036837554|ref|XP_017138576.1| PREDICTED: alcohol dehydrogenase isoform X1 [Drosophila mire
>gi|1036837594|ref|XP_017138579.1| PREDICTED: TPPP family protein CG45057 isoform X1 [Drosophi
>gi|1036837611|ref|XP_017138580.1| PREDICTED: TPPP family protein CG45057 isoform X2 [Drosophi
>gi|1036767887|ref|XP_017134651.1| PREDICTED: histidine-rich glycoprotein [Drosophila miranda]
>gi|1036770141|ref|XP_017134777.1| PREDICTED: adult-specific rigid cuticular protein 15.7 [Dros
>gi|1036760618|ref|XP_017156908.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1036851237|ref|XP_017139336.1| PREDICTED: alcohol dehydrogenase-like [Drosophila miranda]
>gi|1036779038|ref|XP_017135289.1| PREDICTED: roquin-1 [Drosophila miranda]
>gi|1036779055|ref|XP_017135291.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase g
>gi|1036779071|ref|XP_017135292.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase g
>gi|1036778929|ref|XP_017135283.1| PREDICTED: uncharacterized protein LOC108151271 isoform X1
>gi|1036778981|ref|XP_017135286.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase g
>gi|1036778999|ref|XP_017135287.1| PREDICTED: 1-acyl-sn-glycerol-3-phosphate acyltransferase g
>gi|1036779017|ref|XP_017135288.1| PREDICTED: bromodomain-containing protein 4 [Drosophila mire
>gi|1036778945|ref|XP_017135284.1| PREDICTED: uncharacterized protein LOC108151271 isoform X2
>gi|1036778963|ref|XP_017135285.1| PREDICTED: uncharacterized protein LOC108151271 isoform X3
>gi|1036779088|ref|XP_017135293.1| PREDICTED: uncharacterized protein LOC108151276 [Drosophila
>gi|1036811725|ref|XP_017137133.1| PREDICTED: failed axon connections isoform X2 [Drosophila m
>gi|1036811706|ref|XP_017137132.1| PREDICTED: failed axon connections isoform X1 [Drosophila m
>gi|1036775285|ref|XP_017135068.1| PREDICTED: serine incorporator 1 isoform X1 [Drosophila mire
>gi|1036775304|ref|XP_017135069.1| PREDICTED: serine incorporator 1 isoform X2 [Drosophila mire
>gi|1036775322|ref|XP_017135070.1| PREDICTED: serine incorporator 1 isoform X3 [Drosophila mire
>gi|1036775251|ref|XP_017135065.1| PREDICTED: probable glutamate--tRNA ligase, mitochondrial [
>gi|1036775233|ref|XP_017135064.1| PREDICTED: tyrosine--tRNA ligase, cytoplasmic [Drosophila m
>gi|1036775161|ref|XP_017135060.1| PREDICTED: elongation factor-like GTPase 1 [Drosophila mirated]
>gi|1036775178|ref|XP_017135061.1| PREDICTED: uncharacterized protein LOC108151146 [Drosophila
>gi|1036775269|ref|XP_017135066.1| PREDICTED: protein giant-lens [Drosophila miranda]
>gi|1036775215|ref|XP_017135063.1| PREDICTED: proton-coupled folate transporter [Drosophila min
>gi|1036775379|ref|XP_017135073.1| PREDICTED: pupal cuticle protein C1B-like [Drosophila miran-
>gi|1036775398|ref|XP_017135074.1| PREDICTED: pupal cuticle protein C1B-like [Drosophila miran-
>gi|1036775196|ref|XP_017135062.1| PREDICTED: protein scarlet [Drosophila miranda]
>gi|1036775086|ref|XP_017135056.1| PREDICTED: uncharacterized protein LOC108151144 isoform X1
>gi|1036775105|ref|XP 017135057.1| PREDICTED: adenylate cyclase type 5 isoform X2 [Drosophila 1
>gi|1036775124|ref|XP_017135058.1| PREDICTED: adenylate cyclase type 5 isoform X2 [Drosophila i
>gi|1036775143|ref|XP_017135059.1| PREDICTED: adenylate cyclase type 5 isoform X2 [Drosophila i
>gi|1036775339|ref|XP_017135071.1| PREDICTED: uncharacterized protein LOC108151154 [Drosophila
>gi|1036775358|ref|XP_017135072.1| PREDICTED: uncharacterized protein LOC108151154 [Drosophila
>gi|1036760636|ref|XP_017156909.1| PREDICTED: uncharacterized protein LOC108165382 [Drosophila
>gi|1036789499|ref|XP_017135893.1| PREDICTED: multiple inositol polyphosphate phosphatase 1 [Di
>gi|1036789588|ref|XP_017135898.1| PREDICTED: LOW QUALITY PROTEIN: endothelial differentiation
>gi|1036789606|ref|XP 017135900.1| PREDICTED: nuclear RNA export factor 2 [Drosophila miranda]
>gi|1036789553|ref|XP_017135896.1| PREDICTED: survival motor neuron protein [Drosophila mirand
>gi|1036789537|ref|XP_017135895.1| PREDICTED: 26S proteasome non-ATPase regulatory subunit 8 [
>gi|1036789518|ref|XP_017135894.1| PREDICTED: cytochrome b-c1 complex subunit 2, mitochondrial
>gi|1036789571|ref|XP_017135897.1| PREDICTED: syntaxin-8 [Drosophila miranda]
>gi|1036835974|ref|XP_017138482.1| PREDICTED: polycomb group RING finger protein 3 [Drosophila
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>gi|1036835989|ref|XP_017138483.1| PREDICTED: female-specific protein transformer [Drosophila i
>gi|1036780737|ref|XP_017135389.1| PREDICTED: probable GPI-anchored adhesin-like protein PGA55
>gi|1036780755|ref|XP_017135390.1| PREDICTED: importin-4 [Drosophila miranda]
>gi|1036780826|ref|XP_017135395.1| PREDICTED: ADP-ribose pyrophosphatase, mitochondrial isoform
>gi|1036780808|ref|XP 017135394.1| PREDICTED: ADP-ribose pyrophosphatase, mitochondrial isoform
>gi|1036780843|ref|XP_017135396.1| PREDICTED: proteasome subunit beta type-1 [Drosophila miran-
>gi|1036780861|ref|XP 017135397.1| PREDICTED: protein twisted gastrulation [Drosophila miranda]
>gi|1036780772|ref|XP_017135391.1| PREDICTED: RNA-binding protein 45 isoform X1 [Drosophila mi
>gi|1036780790|ref|XP_017135392.1| PREDICTED: RNA-binding protein 45 isoform X2 [Drosophila mi
>gi|1036811554|ref|XP_017137124.1| PREDICTED: general transcription factor IIE subunit 2 [Dros
>gi|1036811496|ref|XP_017137121.1| PREDICTED: chitooligosaccharidolytic beta-N-acetylglucosami:
>gi|1036811515|ref|XP 017137122.1| PREDICTED: chitooligosaccharidolytic beta-N-acetylglucosami
>gi|1036811573|ref|XP_017137125.1| PREDICTED: transmembrane protein 50A [Drosophila miranda]
>gi|1036811535|ref|XP_017137123.1| PREDICTED: nucleolin 2 [Drosophila miranda]
>gi|1036795399|ref|XP_017136226.1| PREDICTED: LOW QUALITY PROTEIN: salivary glue protein Sgs-3
>gi|1036795380|ref|XP_017136225.1| PREDICTED: sorting nexin lst-4 [Drosophila miranda]
>gi|1036795418|ref|XP_017136227.1| PREDICTED: COPII coat assembly protein SEC16 [Drosophila mi
>gi|1036822794|ref|XP 017137740.1| PREDICTED: uncharacterized protein LOC108152717 isoform X1
>gi|1036822813|ref|XP_017137742.1| PREDICTED: uncharacterized protein LOC108152717 isoform X2
>gi|1036822870|ref|XP_017137745.1| PREDICTED: trafficking protein particle complex subunit 3 [
>gi|1036822832|ref|XP_017137743.1| PREDICTED: nuclear transcription factor Y subunit alpha [Dr
>gi|1036822851|ref|XP 017137744.1| PREDICTED: nuclear transcription factor Y subunit alpha [Dref|XP 017137744.1]
>gi|1036829711|ref|XP_017138131.1| PREDICTED: TOM1-like protein 2 isoform X1 [Drosophila miran
>gi|1036829789|ref|XP_017138136.1| PREDICTED: TOM1-like protein 2 isoform X5 [Drosophila miran
>gi|1036829730|ref|XP_017138132.1| PREDICTED: TOM1-like protein 2 isoform X2 [Drosophila miran-
>gi|1036829749|ref|XP_017138133.1| PREDICTED: TOM1-like protein 2 isoform X3 [Drosophila miran
>gi|1036829770|ref|XP_017138134.1| PREDICTED: TOM1-like protein 2 isoform X4 [Drosophila miran
>gi|1036829808|ref|XP_017138137.1| PREDICTED: uncharacterized protein LOC108152949 [Drosophila
>gi|1036778100|ref|XP_017135233.1| PREDICTED: uncharacterized protein LOC108151243 [Drosophila
>gi|1036778020|ref|XP_017135228.1| PREDICTED: uncharacterized protein LOC108151239 [Drosophila
>gi|1036778084|ref|XP_017135232.1| PREDICTED: SAC3 domain-containing protein 1 [Drosophila mire
>gi|1036778068|ref|XP_017135231.1| PREDICTED: GDP-D-glucose phosphorylase 1 [Drosophila mirand
>gi|1036778051|ref|XP 017135230.1| PREDICTED: queuine tRNA-ribosyltransferase subunit QTRTD1 h
>gi|1036778132|ref|XP_017135235.1| PREDICTED: uncharacterized protein LOC108151244 isoform X2
>gi|1036778116|ref|XP 017135234.1| PREDICTED: probable serine/threonine-protein kinase nek3 is
>gi|1036787226|ref|XP_017135762.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase isozyme L5
>gi|1036787207|ref|XP 017135761.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036787243|ref|XP_017135763.1| PREDICTED: F-box only protein 28 [Drosophila miranda]
>gi|1036760655|ref|XP_017156910.1| PREDICTED: uncharacterized protein LOC108165383 [Drosophila
>gi|1036795286|ref|XP_017136220.1| PREDICTED: proton-coupled amino acid transporter 2 isoform
>gi|1036795305|ref|XP_017136221.1| PREDICTED: proton-coupled amino acid transporter 2 isoform
>gi|1036795322|ref|XP_017136223.1| PREDICTED: leucine-rich repeat-containing protein 59 [Droso
>gi|1036795343|ref|XP_017136224.1| PREDICTED: 40S ribosomal protein S9 [Drosophila miranda]
>gi|1036768060|ref|XP_017134661.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036836076|ref|XP_017138488.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1036836095|ref|XP_017138489.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1036836059|ref|XP_017138487.1| PREDICTED: sodium-independent sulfate anion transporter iso
>gi|1036833285|ref|XP_017138336.1| PREDICTED: CCR4-NOT transcription complex subunit 7 isoform
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>gi|1036833303|ref|XP_017138337.1| PREDICTED: CCR4-NOT transcription complex subunit 7 isoform
>gi|1036805840|ref|XP_017136815.1| PREDICTED: PAX-interacting protein 1 [Drosophila miranda]
>gi|1036788020|ref|XP_017135809.1| PREDICTED: uncharacterized protein LOC108151621 [Drosophila
>gi|1036788039|ref|XP_017135810.1| PREDICTED: uncharacterized protein LOC108151621 [Drosophila
>gi|1036836954|ref|XP_017138539.1| PREDICTED: nitrogen permease regulator 3-like protein [Dros
>gi|1036835497|ref|XP_017138453.1| PREDICTED: zinc finger protein 391 isoform X1 [Drosophila m
>gi|1036835516|ref|XP_017138454.1| PREDICTED: zinc finger protein 425 isoform X2 [Drosophila m
>gi|1036760672|ref|XP_017156911.1| PREDICTED: uncharacterized zinc finger protein CG2678 [Dros
>gi|1036836540|ref|XP_017138515.1| PREDICTED: probable 28S ribosomal protein S6, mitochondrial
>gi|1036836502|ref|XP_017138513.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1036836521|ref|XP_017138514.1| PREDICTED: probable RNA methyltransferase CG11342 [Drosophi
>gi|1036843837|ref|XP_017138927.1| PREDICTED: beta-2 adrenergic receptor [Drosophila miranda]
>gi|1036766845|ref|XP_017134597.1| PREDICTED: uncharacterized protein LOC108150805 [Drosophila
>gi|1036844247|ref|XP_017138949.1| PREDICTED: uncharacterized protein LOC108153444 isoform X2
>gi|1036844228|ref|XP_017138948.1| PREDICTED: uncharacterized protein LOC108153444 isoform X1
>gi|1036835592|ref|XP_017138459.1| PREDICTED: syntaxin-17 [Drosophila miranda]
>gi|1036835611|ref|XP_017138460.1| PREDICTED: protein LLP homolog [Drosophila miranda]
>gi|1036824507|ref|XP_017137839.1| PREDICTED: ras guanine nucleotide exchange factor V isoform
>gi|1036824526|ref|XP_017137840.1| PREDICTED: ras guanine nucleotide exchange factor V isoform
>gi|1036824545|ref|XP 017137841.1| PREDICTED: ras guanine nucleotide exchange factor V isoform
>gi|1036824562|ref|XP_017137842.1| PREDICTED: ras guanine nucleotide exchange factor V isoform
>gi|1036824488|ref|XP 017137838.1| PREDICTED: uncharacterized protein LOC108152771 [Drosophila
>gi|1036842053|ref|XP_017138826.1| PREDICTED: acetylcholine receptor subunit beta-like 1 isofo
>gi|1036842034|ref|XP_017138825.1| PREDICTED: acetylcholine receptor subunit beta-like 1 isofo
>gi|1036851781|ref|XP_017139369.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036767905|ref|XP_017134652.1| PREDICTED: cyclin-dependent kinase inhibitor 1C [Drosophila
>gi|1036767944|ref|XP_017134654.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036760691|ref|XP_017156912.1| PREDICTED: early nodulin-75 [Drosophila miranda]
>gi|1036760709|ref|XP_017156913.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036760728|ref|XP 017156914.1| PREDICTED: uncharacterized protein LOC108165388 [Drosophila
>gi|1036851033|ref|XP_017139324.1| PREDICTED: extensin-3 [Drosophila miranda]
>gi|1036851069|ref|XP_017139326.1| PREDICTED: uncharacterized protein LOC108153710 isoform X1
>gi|1036851088|ref|XP_017139327.1| PREDICTED: uncharacterized protein LOC108153710 isoform X2
>gi|1036851050|ref|XP_017139325.1| PREDICTED: skin secretory protein xP2 [Drosophila miranda]
>gi|1036852490|ref|XP 017139413.1| PREDICTED: uncharacterized protein LOC108153782 isoform X1
>gi|1036852508|ref|XP_017139414.1| PREDICTED: uncharacterized protein LOC108153782 isoform X2
>gi|1036760744|ref|XP 017156915.1| PREDICTED: uncharacterized protein LOC108165389 [Drosophila
>gi|1036851164|ref|XP_017139331.1| PREDICTED: LOW QUALITY PROTEIN: extensin-2 [Drosophila mirated]
>gi|1036846273|ref|XP_017139047.1| PREDICTED: extensin-3 [Drosophila miranda]
>gi|1036769665|ref|XP_017134753.1| PREDICTED: glycine and tyrosine-rich protein [Drosophila mi
>gi|1036760763|ref|XP_017156916.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036850470|ref|XP_017139291.1| PREDICTED: uncharacterized protein LOC108153684 isoform X1
>gi|1036850487|ref|XP_017139292.1| PREDICTED: uncharacterized protein LOC108153684 isoform X1
>gi|1036850506|ref|XP_017139293.1| PREDICTED: uncharacterized protein LOC108153684 isoform X1
>gi|1036850542|ref|XP_017139295.1| PREDICTED: uncharacterized protein LOC108153684 isoform X3
>gi|1036850525|ref|XP_017139294.1| PREDICTED: uncharacterized protein LOC108153684 isoform X2
>gi|1036850559|ref|XP_017139296.1| PREDICTED: uncharacterized protein LOC108153684 isoform X4
>gi|1036844062|ref|XP_017138938.1| PREDICTED: LOW QUALITY PROTEIN: mucin-5AC, partial [Drosoph
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>gi|1036760782|ref|XP_017156918.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036819139|ref|XP_017137546.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036819160|ref|XP_017137547.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036819181|ref|XP_017137548.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1036819219|ref|XP 017137551.1| PREDICTED: uncharacterized protein LOC108152603 isoform X1
>gi|1036819240|ref|XP_017137552.1| PREDICTED: uncharacterized protein LOC108152603 isoform X2
>gi|1036819200|ref|XP_017137549.1| PREDICTED: beta-1,3-galactosyltransferase 5 [Drosophila mire
>gi|1036844097|ref|XP_017138940.1| PREDICTED: band 7 protein AGAP004871 isoform X2 [Drosophila
>gi|1036844081|ref|XP_017138939.1| PREDICTED: band 7 protein AGAP004871 isoform X1 [Drosophila
>gi|1036844171|ref|XP_017138945.1| PREDICTED: band 7 protein AGAP004871 isoform X6 [Drosophila
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>gi|1036844190|ref|XP_017138946.1| PREDICTED: band 7 protein AGAP004871 isoform X7 [Drosophila
>gi|1036844115|ref|XP_017138941.1| PREDICTED: band 7 protein AGAP004871 isoform X3 [Drosophila
>gi|1036844134|ref|XP_017138942.1| PREDICTED: band 7 protein AGAP004871 isoform X4 [Drosophila
>gi|1036805165|ref|XP_017136776.1| PREDICTED: tyrosine-protein kinase Src64B isoform X2 [Droso
>gi|1036805146|ref|XP_017136775.1| PREDICTED: tyrosine-protein kinase Src64B isoform X1 [Droso
>gi|1036826750|ref|XP_017137963.1| PREDICTED: histone deacetylase Rpd3 isoform X1 [Drosophila i
>gi|1036826769|ref|XP_017137964.1| PREDICTED: histone deacetylase Rpd3 isoform X2 [Drosophila 1
>gi|1036819572|ref|XP_017137568.1| PREDICTED: uncharacterized protein LOC108152614 isoform X1
>gi|1036819591|ref|XP 017137569.1| PREDICTED: uncharacterized protein LOC108152614 isoform X1
>gi|1036819666|ref|XP_017137574.1| PREDICTED: contactin-associated protein-like 2 isoform X5 [
>gi|1036819742|ref|XP 017137578.1| PREDICTED: CASP-like protein 4U1 [Drosophila miranda]
>gi|1036819628|ref|XP_017137572.1| PREDICTED: uncharacterized protein LOC108152614 isoform X3
>gi|1036819610|ref|XP_017137570.1| PREDICTED: uncharacterized protein LOC108152614 isoform X2
>gi|1036819647|ref|XP_017137573.1| PREDICTED: contactin-associated protein-like 2 isoform X4 [
>gi|1036819685|ref|XP_017137575.1| PREDICTED: probable tubulin polyglutamylase TTLL1 [Drosophi
>gi|1036819704|ref|XP_017137576.1| PREDICTED: uncharacterized protein LOC108152616 [Drosophila
>gi|1036819723|ref|XP_017137577.1| PREDICTED: uncharacterized protein LOC108152617 [Drosophila
>gi|1036810941|ref|XP_017137092.1| PREDICTED: uncharacterized protein LOC108152340 [Drosophila
>gi|1036810998|ref|XP_017137096.1| PREDICTED: uncharacterized protein LOC108152343 [Drosophila
>gi|1036810979|ref|XP_017137095.1| PREDICTED: uncharacterized protein LOC108152342 [Drosophila
>gi|1036810960|ref|XP_017137093.1| PREDICTED: uncharacterized protein LOC108152341 [Drosophila
>gi|1036810884|ref|XP_017137089.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036810903|ref|XP_017137090.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036810922|ref|XP 017137091.1| PREDICTED: mucin-19 [Drosophila miranda]
>gi|1036852017|ref|XP_017139385.1| PREDICTED: platelet glycoprotein V isoform X3 [Drosophila m
>gi|1036851998|ref|XP_017139384.1| PREDICTED: platelet glycoprotein V isoform X2 [Drosophila m
>gi|1036851981|ref|XP_017139383.1| PREDICTED: platelet glycoprotein V isoform X1 [Drosophila m
>gi|1036852036|ref|XP_017139386.1| PREDICTED: leucine-rich repeat-containing protein 15 isoform
>gi|1036794285|ref|XP_017136163.1| PREDICTED: uncharacterized oxidoreductase YjmC [Drosophila i
>gi|1036794247|ref|XP_017136161.1| PREDICTED: dynein heavy chain, cytoplasmic isoform X3 [Drose
>gi|1036794266|ref|XP_017136162.1| PREDICTED: dynein heavy chain, cytoplasmic isoform X4 [Dros
>gi|1036794211|ref|XP_017136159.1| PREDICTED: dynein heavy chain, cytoplasmic isoform X1 [Dros
>gi|1036794229|ref|XP_017136160.1| PREDICTED: dynein heavy chain, cytoplasmic isoform X2 [Dros
>gi|1036828986|ref|XP_017138091.1| PREDICTED: probable leucine--tRNA ligase, mitochondrial [Dropout of the control of the cont
>gi|1036828966|ref|XP_017138090.1| PREDICTED: uncharacterized protein LOC108152921 [Drosophila
>gi|1036848806|ref|XP_017139191.1| PREDICTED: uncharacterized protein LOC108153606 isoform X2
>gi|1036848787|ref|XP_017139190.1| PREDICTED: uncharacterized protein LOC108153606 isoform X1
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>gi|1036839865|ref|XP_017138709.1| PREDICTED: dynein heavy chain 3, axonemal [Drosophila miran-
>gi|1036766102|ref|XP_017134558.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036849445|ref|XP_017139230.1| PREDICTED: uncharacterized protein LOC108153637 [Drosophila
>gi|1036848457|ref|XP_017139171.1| PREDICTED: ammonium transporter Rh type B [Drosophila miran-
>gi|1036842480|ref|XP 017138848.1| PREDICTED: connectin [Drosophila miranda]
>gi|1036842499|ref|XP_017138849.1| PREDICTED: ubiquitin-conjugating enzyme E2 L3 [Drosophila m
>gi|1036842517|ref|XP 017138850.1| PREDICTED: uncharacterized protein LOC108153387 [Drosophila
>gi|1036760801|ref|XP_017156919.1| PREDICTED: uncharacterized protein LOC108165392 [Drosophila
>gi|1036845189|ref|XP_017138994.1| PREDICTED: uncharacterized protein LOC108153473 [Drosophila
>gi|1036845208|ref|XP_017138995.1| PREDICTED: uncharacterized protein LOC108153473 [Drosophila
>gi|1036845225|ref|XP_017138996.1| PREDICTED: uncharacterized protein LOC108153473 [Drosophila
>gi|1036845171|ref|XP_017138992.1| PREDICTED: glycine-rich cell wall structural protein 1.8 [Di
>gi|1036760820|ref|XP_017156920.1| PREDICTED: uncharacterized protein LOC108165393 [Drosophila
>gi|1036815106|ref|XP_017137317.1| PREDICTED: uncharacterized protein LOC108152463 [Drosophila
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>gi|1036815146|ref|XP_017137319.1| PREDICTED: uncharacterized protein LOC108152463 [Drosophila
>gi|1036815165|ref|XP_017137320.1| PREDICTED: uncharacterized protein LOC108152463 [Drosophila
>gi|1036815278|ref|XP_017137327.1| PREDICTED: lysozyme S [Drosophila miranda]
>gi|1036815259|ref|XP_017137325.1| PREDICTED: lysozyme E-like [Drosophila miranda]
>gi|1036815240|ref|XP 017137324.1| PREDICTED: lysozyme B-like [Drosophila miranda]
>gi|1036815296|ref|XP_017137328.1| PREDICTED: lysozyme D-like [Drosophila miranda]
>gi|1036815395|ref|XP 017137333.1| PREDICTED: lysozyme B-like [Drosophila miranda]
>gi|1036815374|ref|XP_017137332.1| PREDICTED: lysozyme D-like isoform X2 [Drosophila miranda]
>gi|1036815355|ref|XP_017137331.1| PREDICTED: lysozyme D-like isoform X1 [Drosophila miranda]
>gi|1036815202|ref|XP_017137322.1| PREDICTED: lysozyme A/C-like [Drosophila miranda]
>gi|1036815220|ref|XP_017137323.1| PREDICTED: lysozyme A/C-like [Drosophila miranda]
>gi|1036815334|ref|XP_017137330.1| PREDICTED: lysozyme A/C-like isoform X2 [Drosophila miranda]
>gi|1036815315|ref|XP_017137329.1| PREDICTED: lysozyme A/C-like isoform X1 [Drosophila miranda]
>gi|1036815435|ref|XP_017137336.1| PREDICTED: lysozyme A/C-like [Drosophila miranda]
>gi|1036815416|ref|XP_017137334.1| PREDICTED: lysozyme A/C [Drosophila miranda]
>gi|1036815183|ref|XP_017137321.1| PREDICTED: ester hydrolase C11orf54 homolog [Drosophila mire
>gi|1036797501|ref|XP_017136344.1| PREDICTED: mitochondrial carrier homolog 2 [Drosophila mirated
>gi|1036797539|ref|XP_017136346.1| PREDICTED: tRNA pseudouridine synthase-like 1 [Drosophila m
>gi|1036797557|ref|XP_017136347.1| PREDICTED: dual specificity protein phosphatase 19 [Drosoph
>gi|1036797393|ref|XP 017136338.1| PREDICTED: uncharacterized protein LOC108151926 isoform X2
>gi|1036797335|ref|XP_017136335.1| PREDICTED: uncharacterized protein LOC108151926 isoform X1
>gi|1036797356|ref|XP_017136336.1| PREDICTED: uncharacterized protein LOC108151926 isoform X1
>gi|1036797376|ref|XP_017136337.1| PREDICTED: uncharacterized protein LOC108151926 isoform X1
>gi|1036797410|ref|XP_017136339.1| PREDICTED: uncharacterized protein LOC108151926 isoform X3
>gi|1036797429|ref|XP_017136340.1| PREDICTED: uncharacterized protein LOC108151926 isoform X3
>gi|1036797447|ref|XP_017136341.1| PREDICTED: uncharacterized protein LOC108151926 isoform X3
>gi|1036797464|ref|XP_017136342.1| PREDICTED: arrestin domain-containing protein 4 [Drosophila
>gi|1036797482|ref|XP_017136343.1| PREDICTED: sulfatase-modifying factor 1 [Drosophila miranda]
>gi|1036797520|ref|XP_017136345.1| PREDICTED: uncharacterized protein LOC108151931 [Drosophila
>gi|1036818759|ref|XP_017137524.1| PREDICTED: breast cancer anti-estrogen resistance protein 1
>gi|1036818778|ref|XP_017137525.1| PREDICTED: breast cancer anti-estrogen resistance protein 1
>gi|1036818797|ref|XP_017137526.1| PREDICTED: breast cancer anti-estrogen resistance protein 1
>gi|1036818816|ref|XP_017137527.1| PREDICTED: WD repeat-containing protein 78 [Drosophila mirates
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>gi|1036807754|ref|XP_017136918.1| PREDICTED: 3-phosphoinositide-dependent protein kinase 1 is
>gi|1036807770|ref|XP_017136919.1| PREDICTED: 3-phosphoinositide-dependent protein kinase 1 is
>gi|1036852322|ref|XP_017139404.1| PREDICTED: glycine-rich protein 5 [Drosophila miranda]
>gi|1036760839|ref|XP_017156921.1| PREDICTED: kinesin-like protein KIF21A [Drosophila miranda]
>gi|1036760858|ref|XP 017156922.1| PREDICTED: lysozyme A/C-like, partial [Drosophila miranda]
>gi|1036782157|ref|XP_017135472.1| PREDICTED: uncharacterized protein LOC108151396 [Drosophila
>gi|1036782043|ref|XP_017135467.1| PREDICTED: probable G-protein coupled receptor Mth-like 8 [
>gi|1036782024|ref|XP_017135466.1| PREDICTED: probable G-protein coupled receptor Mth-like 9 [
>gi|1036781892|ref|XP_017135458.1| PREDICTED: G-protein coupled receptor Mth2 isoform X5 [Dros
>gi|1036781828|ref|XP_017135455.1| PREDICTED: G-protein coupled receptor Mth2 isoform X2 [Dros
>gi|1036781854|ref|XP_017135456.1| PREDICTED: G-protein coupled receptor Mth2 isoform X3 [Dros
>gi|1036781873|ref|XP 017135457.1| PREDICTED: G-protein coupled receptor Mth2 isoform X4 [Dros
>gi|1036781810|ref|XP_017135454.1| PREDICTED: G-protein coupled receptor Mth2 isoform X1 [Dros
>gi|1036781910|ref|XP_017135459.1| PREDICTED: G-protein coupled receptor Mth2 isoform X6 [Dros
>gi|1036781928|ref|XP_017135460.1| PREDICTED: G-protein coupled receptor Mth2 isoform X6 [Dros
>gi|1036781947|ref|XP 017135461.1| PREDICTED: G-protein coupled receptor Mth2 isoform X6 [Dros
>gi|1036782081|ref|XP_017135469.1| PREDICTED: odorant receptor 94b-like isoform X2 [Drosophila
>gi|1036782061|ref|XP 017135468.1| PREDICTED: odorant receptor 94b-like isoform X1 [Drosophila
>gi|1036781966|ref|XP_017135462.1| PREDICTED: G-protein coupled receptor Mth-like isoform X1 [
>gi|1036782005|ref|XP_017135464.1| PREDICTED: G-protein coupled receptor Mth-like isoform X3 [
>gi|1036781986|ref|XP_017135463.1| PREDICTED: G-protein coupled receptor Mth-like isoform X2 [
>gi|1036782136|ref|XP 017135471.1| PREDICTED: G-protein coupled receptor Mth-like isoform X2 [
>gi|1036782099|ref|XP_017135470.1| PREDICTED: G-protein coupled receptor Mth-like isoform X1 [
>gi|1036781791|ref|XP_017135453.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 4
>gi|1036775797|ref|XP_017135095.1| PREDICTED: uncharacterized protein DDB_G0283357 [Drosophila
>gi|1036775912|ref|XP_017135101.1| PREDICTED: probable phospholipid hydroperoxide glutathione
>gi|1036775893|ref|XP 017135100.1| PREDICTED: probable phospholipid hydroperoxide glutathione
>gi|1036775930|ref|XP_017135102.1| PREDICTED: probable phospholipid hydroperoxide glutathione
>gi|1036775816|ref|XP_017135096.1| PREDICTED: striatin-interacting protein 1 homolog [Drosophi
>gi|1036775857|ref|XP_017135098.1| PREDICTED: nicotinamide riboside kinase 2 [Drosophila miran-
>gi|1036775948|ref|XP 017135103.1| PREDICTED: dolichol phosphate-mannose biosynthesis regulator
>gi|1036775874|ref|XP_017135099.1| PREDICTED: phosphatidylinositol N-acetylglucosaminyltransfer
>gi|1036775837|ref|XP 017135097.1| PREDICTED: LOW QUALITY PROTEIN: zinc/cadmium resistance pro
>gi|1036760877|ref|XP_017156923.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036774210|ref|XP 017135011.1| PREDICTED: nucleosome-remodeling factor subunit NURF301 iso
>gi|1036774133|ref|XP_017135007.1| PREDICTED: nucleosome-remodeling factor subunit NURF301 iso
>gi|1036774152|ref|XP 017135008.1| PREDICTED: nucleosome-remodeling factor subunit NURF301 isome
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>gi|1036774191|ref|XP_017135010.1| PREDICTED: nucleosome-remodeling factor subunit NURF301 iso
>gi|1036774229|ref|XP_017135012.1| PREDICTED: nucleosome-remodeling factor subunit NURF301 iso
>gi|1036774285|ref|XP_017135016.1| PREDICTED: nucleosome-remodeling factor subunit NURF301 iso
>gi|1036774268|ref|XP 017135015.1| PREDICTED: nucleosome-remodeling factor subunit NURF301 iso
>gi|1036774250|ref|XP 017135014.1| PREDICTED: nucleosome-remodeling factor subunit NURF301 iso
>gi|1036802701|ref|XP 017136636.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036760894|ref|XP_017156924.1| PREDICTED: uncharacterized protein LOC108165397 [Drosophila
>gi|1036802737|ref|XP_017136639.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036802718|ref|XP_017136638.1| PREDICTED: ATP-dependent RNA helicase p62-like [Drosophila n
>gi|1036802756|ref|XP_017136640.1| PREDICTED: uncharacterized protein LOC108152100 [Drosophila
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>gi|1036837292|ref|XP_017138560.1| PREDICTED: uncharacterized protein LOC108153234 [Drosophila
>gi|1036777416|ref|XP_017135190.1| PREDICTED: follistatin-related protein 1 [Drosophila mirand
>gi|1036777378|ref|XP_017135188.1| PREDICTED: 39S ribosomal protein L17, mitochondrial [Drosop
>gi|1036777361|ref|XP_017135187.1| PREDICTED: DNA replication complex GINS protein PSF1 [Droso
>gi|1036777342|ref|XP 017135186.1| PREDICTED: staphylococcal nuclease domain-containing protein
>gi|1036777397|ref|XP_017135189.1| PREDICTED: uncharacterized protein LOC108151219 [Drosophila
>gi|1036777305|ref|XP_017135184.1| PREDICTED: disco-interacting protein 2 isoform X1 [Drosophi
>gi|1036777323|ref|XP_017135185.1| PREDICTED: disco-interacting protein 2 isoform X2 [Drosophi
>gi|1036849839|ref|XP_017139254.1| PREDICTED: probable G-protein coupled receptor Mth-like 14
>gi|1036765116|ref|XP_017157153.1| PREDICTED: ankyrin-1 isoform X1 [Drosophila miranda]
>gi|1036765133|ref|XP_017157154.1| PREDICTED: ankyrin-1 isoform X2 [Drosophila miranda]
>gi|1036765099|ref|XP_017157152.1| PREDICTED: LOW QUALITY PROTEIN: ATP-dependent RNA helicase
>gi|1036765224|ref|XP_017157158.1| PREDICTED: uncharacterized protein LOC108165595 [Drosophila
>gi|1036765023|ref|XP_017157147.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dr
>gi|1036765041|ref|XP_017157148.1| PREDICTED: phosphatidylinositol 4-kinase beta isoform X2 [Di
>gi|1036765166|ref|XP_017157156.1| PREDICTED: uncharacterized protein LOC108165592 [Drosophila
>gi|1036765242|ref|XP_017157159.1| PREDICTED: uncharacterized protein LOC108165596 [Drosophila
>gi|1036765190|ref|XP_017157157.1| PREDICTED: uncharacterized protein LOC108165593 [Drosophila
>gi|1036765079|ref|XP_017157151.1| PREDICTED: transient receptor potential channel pyrexia [Dr
>gi|1036765260|ref|XP_017157161.1| PREDICTED: uncharacterized protein LOC108165597 [Drosophila
>gi|1036765276|ref|XP_017157162.1| PREDICTED: uncharacterized protein LOC108165598 [Drosophila
>gi|1036765059|ref|XP 017157150.1| PREDICTED: DIS3-like exonuclease 2 [Drosophila miranda]
>gi|1036765150|ref|XP_017157155.1| PREDICTED: THO complex protein 7 [Drosophila miranda]
>gi|1036785500|ref|XP_017135667.1| PREDICTED: serine/threonine-protein kinase prp4 [Drosophila
>gi|1036785519|ref|XP_017135669.1| PREDICTED: serine/threonine-protein kinase prp4 [Drosophila
>gi|1036785611|ref|XP_017135674.1| PREDICTED: uncharacterized protein C3orf38 homolog [Drosoph
>gi|1036785536|ref|XP_017135670.1| PREDICTED: glycerol kinase [Drosophila miranda]
>gi|1036785573|ref|XP_017135672.1| PREDICTED: nitrilase and fragile histidine triad fusion pro-
>gi|1036785554|ref|XP_017135671.1| PREDICTED: nitrilase and fragile histidine triad fusion pro-
>gi|1036785592|ref|XP_017135673.1| PREDICTED: BTB/POZ domain-containing protein 10 [Drosophila
>gi|1036796958|ref|XP_017136313.1| PREDICTED: PHD finger protein rhinoceros [Drosophila mirand
>gi|1036796977|ref|XP_017136314.1| PREDICTED: PHD finger protein rhinoceros [Drosophila mirand
>gi|1036796996|ref|XP_017136315.1| PREDICTED: PHD finger protein rhinoceros [Drosophila mirand
>gi|1036810451|ref|XP_017137065.1| PREDICTED: serine/threonine-protein kinase NLK isoform X1 [
>gi|1036810470|ref|XP 017137066.1| PREDICTED: serine/threonine-protein kinase NLK isoform X2 [
>gi|1036833910|ref|XP_017138362.1| PREDICTED: ribonuclease P protein subunit p29 [Drosophila m
>gi|1036833893|ref|XP_017138361.1| PREDICTED: UBX domain-containing protein 1 [Drosophila mirates
>gi|1036833929|ref|XP_017138363.1| PREDICTED: uncharacterized protein LOC108153093 [Drosophila
>gi|1036850321|ref|XP_017139282.1| PREDICTED: uncharacterized protein LOC108153677 [Drosophila
>gi|1036850340|ref|XP_017139283.1| PREDICTED: uncharacterized protein LOC108153677 [Drosophila
>gi|1036764753|ref|XP_017157134.1| PREDICTED: titin [Drosophila miranda]
>gi|1036760913|ref|XP_017156926.1| PREDICTED: uncharacterized protein LOC108165398 [Drosophila
>gi|1036767032|ref|XP_017134608.1| PREDICTED: uncharacterized protein LOC108150815 [Drosophila
>gi|1036767811|ref|XP_017134647.1| PREDICTED: uncharacterized protein LOC108150855 [Drosophila
>gi|1036849475|ref|XP_017139231.1| PREDICTED: uncharacterized protein LOC108153639 [Drosophila
>gi|1036791852|ref|XP_017136026.1| PREDICTED: probable protein phosphatase 2C T23F11.1 [Drosop:
>gi|1036791793|ref|XP_017136023.1| PREDICTED: la-related protein CG11505 isoform X1 [Drosophile
>gi|1036791831|ref|XP_017136025.1| PREDICTED: la-related protein CG11505 isoform X3 [Drosophile
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>gi|1036791812|ref|XP_017136024.1| PREDICTED: la-related protein CG11505 isoform X2 [Drosophile
>gi|1036845781|ref|XP_017139020.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
>gi|1036820266|ref|XP_017137607.1| PREDICTED: 60S ribosomal protein L28 [Drosophila miranda]
>gi|1036820191|ref|XP_017137602.1| PREDICTED: putative neutral sphingomyelinase [Drosophila mi
>gi|1036820212|ref|XP 017137604.1| PREDICTED: uncharacterized protein LOC108152635 [Drosophila
>gi|1036820229|ref|XP_017137605.1| PREDICTED: uncharacterized protein LOC108152635 [Drosophila
>gi|1036820247|ref|XP 017137606.1| PREDICTED: uncharacterized protein LOC108152635 [Drosophila
>gi|1036773064|ref|XP_017134943.1| PREDICTED: BAI1-associated protein 3 [Drosophila miranda]
>gi|1036773083|ref|XP_017134944.1| PREDICTED: BAI1-associated protein 3 [Drosophila miranda]
>gi|1036773100|ref|XP_017134945.1| PREDICTED: BAI1-associated protein 3 [Drosophila miranda]
>gi|1036773119|ref|XP_017134946.1| PREDICTED: BAI1-associated protein 3 [Drosophila miranda]
>gi|1036773228|ref|XP_017134952.1| PREDICTED: uncharacterized protein F13E9.13, mitochondrial
>gi|1036773190|ref|XP_017134950.1| PREDICTED: uncharacterized protein LOC108151078 [Drosophila
>gi|1036773172|ref|XP_017134949.1| PREDICTED: RINT1-like protein [Drosophila miranda]
>gi|1036773209|ref|XP_017134951.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036773265|ref|XP_017134955.1| PREDICTED: uncharacterized protein LOC108151083 [Drosophila
>gi|1036773138|ref|XP_017134947.1| PREDICTED: structure-specific endonuclease subunit SLX4 [Dref|XP_017134947.1]
>gi|1036773282|ref|XP_017134956.1| PREDICTED: uncharacterized protein LOC108151084 [Drosophila
>gi|1036773247|ref|XP_017134953.1| PREDICTED: uncharacterized protein LOC108151082 [Drosophila
>gi|1036773154|ref|XP 017134948.1| PREDICTED: N-acetyltransferase eco [Drosophila miranda]
>gi|1036801562|ref|XP_017136575.1| PREDICTED: RNA-binding protein lark [Drosophila miranda]
>gi|1036801395|ref|XP 017136566.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801413|ref|XP_017136567.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801433|ref|XP_017136568.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801450|ref|XP_017136569.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801469|ref|XP_017136570.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801488|ref|XP_017136571.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801507|ref|XP_017136572.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801526|ref|XP_017136573.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1036801544|ref|XP_017136574.1| PREDICTED: uncharacterized protein LOC108152065 [Drosophila
>gi|1036801615|ref|XP_017136579.1| PREDICTED: signal recognition particle 19 kDa protein [Drose
>gi|1036801580|ref|XP_017136576.1| PREDICTED: geranylgeranyl pyrophosphate synthase isoform X1
>gi|1036801596|ref|XP_017136577.1| PREDICTED: geranylgeranyl pyrophosphate synthase isoform X2
>gi|1036829556|ref|XP_017138122.1| PREDICTED: transcriptional repressor CTCF [Drosophila miran-
>gi|1036810405|ref|XP 017137062.1| PREDICTED: regulator of chromosome condensation [Drosophila
>gi|1036810392|ref|XP_017137061.1| PREDICTED: LOW QUALITY PROTEIN: motile sperm domain-contain
>gi|1036810419|ref|XP_017137063.1| PREDICTED: motile sperm domain-containing protein 2 [Drosop
>gi|1036810434|ref|XP_017137064.1| PREDICTED: motile sperm domain-containing protein 2 [Drosop
>gi|1036849251|ref|XP_017139217.1| PREDICTED: xenotropic and polytropic retrovirus receptor 1
>gi|1036852436|ref|XP_017139411.1| PREDICTED: uncharacterized protein LOC108153780 [Drosophila
>gi|1036760931|ref|XP_017156927.1| PREDICTED: organic cation transporter protein [Drosophila m
>gi|1036833841|ref|XP_017138357.1| PREDICTED: glutaminyl-peptide cyclotransferase-like protein
>gi|1036833805|ref|XP_017138355.1| PREDICTED: glutaminyl-peptide cyclotransferase-like [Drosop
>gi|1036833823|ref|XP_017138356.1| PREDICTED: ribosome biogenesis regulatory protein homolog [
>gi|1036766082|ref|XP_017134557.1| PREDICTED: solute carrier family 22 member 2 [Drosophila min
>gi|1036838372|ref|XP_017138625.1| PREDICTED: DNA polymerase epsilon subunit 2 [Drosophila mire
>gi|1036827576|ref|XP_017138012.1| PREDICTED: transcription factor btd [Drosophila miranda]
>gi|1036827538|ref|XP_017138010.1| PREDICTED: protein vein isoform X4 [Drosophila miranda]
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>gi|1036827520|ref|XP_017138008.1| PREDICTED: protein vein isoform X3 [Drosophila miranda]
>gi|1036827501|ref|XP_017138007.1| PREDICTED: protein vein isoform X2 [Drosophila miranda]
>gi|1036827557|ref|XP_017138011.1| PREDICTED: protein vein isoform X5 [Drosophila miranda]
>gi|1036827489|ref|XP_017138006.1| PREDICTED: protein vein isoform X1 [Drosophila miranda]
>gi|1036792862|ref|XP 017136084.1| PREDICTED: mitotic spindle assembly checkpoint protein MAD2.
>gi|1036792809|ref|XP_017136082.1| PREDICTED: uracil phosphoribosyltransferase homolog [Drosop
>gi|1036792792|ref|XP_017136081.1| PREDICTED: regulator of chromosome condensation-like [Droso
>gi|1036792773|ref|XP_017136080.1| PREDICTED: ribosomal protein S6 kinase beta-2 [Drosophila m
>gi|1036792754|ref|XP_017136079.1| PREDICTED: uncharacterized protein LOC108151752 [Drosophila
>gi|1036851800|ref|XP_017139370.1| PREDICTED: tektin-1 [Drosophila miranda]
>gi|1036821294|ref|XP_017137657.1| PREDICTED: E3 ubiquitin-protein ligase Bre1 [Drosophila mire
>gi|1036813489|ref|XP_017137225.1| PREDICTED: odorant receptor 67b [Drosophila miranda]
>gi|1036813449|ref|XP_017137223.1| PREDICTED: laminin subunit gamma-1 [Drosophila miranda]
>gi|1036813466|ref|XP_017137224.1| PREDICTED: laminin subunit gamma-1 [Drosophila miranda]
>gi|1036760947|ref|XP_017156928.1| PREDICTED: uncharacterized protein LOC108165400 [Drosophila
>gi|1036844022|ref|XP_017138936.1| PREDICTED: MORN repeat-containing protein 5 [Drosophila mire
>gi|1036844041|ref|XP_017138937.1| PREDICTED: serine proteases 1/2 [Drosophila miranda]
>gi|1036760965|ref|XP_017156929.1| PREDICTED: uncharacterized protein LOC108165401 [Drosophila
>gi|1036835955|ref|XP_017138481.1| PREDICTED: capon-like protein isoform X4 [Drosophila mirand
>gi|1036835938|ref|XP 017138480.1| PREDICTED: uncharacterized protein LOC108153181 isoform X3
>gi|1036835904|ref|XP_017138477.1| PREDICTED: capon-like protein isoform X2 [Drosophila mirand
>gi|1036835921|ref|XP 017138478.1| PREDICTED: capon-like protein isoform X2 [Drosophila mirand
>gi|1036835887|ref|XP_017138476.1| PREDICTED: capon-like protein isoform X1 [Drosophila mirand
>gi|1036760983|ref|XP_017156930.1| PREDICTED: uncharacterized protein LOC108165402 [Drosophila
>gi|1036761002|ref|XP_017156931.1| PREDICTED: uncharacterized protein LOC108165403 [Drosophila
>gi|1036825921|ref|XP_017137914.1| PREDICTED: DNA replication licensing factor Mcm7-like [Dros
>gi|1036825807|ref|XP_017137907.1| PREDICTED: protein TANC1 isoform X1 [Drosophila miranda]
>gi|1036825825|ref|XP_017137908.1| PREDICTED: protein TANC1 isoform X1 [Drosophila miranda]
>gi|1036825863|ref|XP_017137910.1| PREDICTED: protein TANC2 isoform X3 [Drosophila miranda]
>gi|1036825844|ref|XP_017137909.1| PREDICTED: protein TANC1 isoform X2 [Drosophila miranda]
>gi|1036825882|ref|XP_017137912.1| PREDICTED: protein TANC2 isoform X4 [Drosophila miranda]
>gi|1036825903|ref|XP_017137913.1| PREDICTED: protein TANC2 isoform X5 [Drosophila miranda]
>gi|1036758102|ref|XP 017156757.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1036842109|ref|XP_017138829.1| PREDICTED: isovaleryl-CoA dehydrogenase, mitochondrial [Dros
>gi|1036815963|ref|XP 017137364.1| PREDICTED: uncharacterized protein LOC108152501 isoform X1
>gi|1036815981|ref|XP_017137365.1| PREDICTED: uncharacterized protein LOC108152501 isoform X1
>gi|1036816038|ref|XP 017137369.1| PREDICTED: uncharacterized protein LOC108152501 isoform X4
>gi|1036816002|ref|XP_017137367.1| PREDICTED: uncharacterized protein LOC108152501 isoform X2
>gi|1036816114|ref|XP_017137373.1| PREDICTED: uncharacterized protein LOC108152501 isoform X7
>gi|1036816077|ref|XP_017137371.1| PREDICTED: uncharacterized protein LOC108152501 isoform X6
>gi|1036816095|ref|XP_017137372.1| PREDICTED: uncharacterized protein LOC108152501 isoform X6
>gi|1036816019|ref|XP_017137368.1| PREDICTED: uncharacterized protein LOC108152501 isoform X3
>gi|1036816056|ref|XP_017137370.1| PREDICTED: uncharacterized protein LOC108152501 isoform X5
>gi|1036816133|ref|XP_017137374.1| PREDICTED: negative elongation factor E [Drosophila miranda]
>gi|1036829693|ref|XP_017138130.1| PREDICTED: 60S ribosomal protein L14 [Drosophila miranda]
>gi|1036829674|ref|XP_017138129.1| PREDICTED: LETM1 domain-containing protein 1 [Drosophila mi
>gi|1036818740|ref|XP_017137523.1| PREDICTED: uncharacterized protein LOC108152587 [Drosophila
>gi|1036818639|ref|XP_017137517.1| PREDICTED: cytosol aminopeptidase [Drosophila miranda]
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>gi|1036818656|ref|XP_017137518.1| PREDICTED: cytosol aminopeptidase [Drosophila miranda]
>gi|1036818677|ref|XP_017137519.1| PREDICTED: TBC1 domain family member 13 isoform X1 [Drosoph
>gi|1036818719|ref|XP_017137522.1| PREDICTED: TBC1 domain family member 13 isoform X3 [Drosoph
>gi|1036818698|ref|XP_017137520.1| PREDICTED: TBC1 domain family member 13 isoform X2 [Drosoph
>gi|1036802318|ref|XP 017136619.1| PREDICTED: uncharacterized protein LOC108152090 isoform X1
>gi|1036802337|ref|XP_017136620.1| PREDICTED: uncharacterized protein LOC108152090 isoform X2
>gi|1036802391|ref|XP 017136623.1| PREDICTED: uncharacterized protein LOC108152090 isoform X5
>gi|1036802409|ref|XP_017136624.1| PREDICTED: uncharacterized protein LOC108152090 isoform X6
>gi|1036802355|ref|XP_017136621.1| PREDICTED: uncharacterized protein LOC108152090 isoform X3
>gi|1036802373|ref|XP_017136622.1| PREDICTED: PDZ and LIM domain protein 2 isoform X4 [Drosoph
>gi|1036802428|ref|XP_017136625.1| PREDICTED: PDZ and LIM domain protein 4 isoform X7 [Drosoph
>gi|1036802447|ref|XP_017136626.1| PREDICTED: uncharacterized protein LOC108152090 isoform X8
>gi|1036802466|ref|XP_017136627.1| PREDICTED: uncharacterized protein LOC108152090 isoform X9
>gi|1036802485|ref|XP_017136628.1| PREDICTED: uncharacterized protein LOC108152090 isoform X10
>gi|1036802299|ref|XP_017136618.1| PREDICTED: cell division control protein 6 homolog [Drosoph
>gi|1036802628|ref|XP_017136633.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036802680|ref|XP_017136635.1| PREDICTED: putative uncharacterized protein DDB_G0294196 is
>gi|1036802661|ref|XP_017136634.1| PREDICTED: putative uncharacterized protein DDB_G0294196 is
>gi|1036802572|ref|XP_017136630.1| PREDICTED: phosrestin-1 [Drosophila miranda]
>gi|1036802609|ref|XP 017136632.1| PREDICTED: peroxisomal targeting signal 2 receptor [Drosoph
>gi|1036802590|ref|XP_017136631.1| PREDICTED: protein hairy [Drosophila miranda]
>gi|1036761020|ref|XP 017156932.1| PREDICTED: selenide, water dikinase-like [Drosophila mirand
>gi|1036802110|ref|XP_017136607.1| PREDICTED: signal recognition particle receptor subunit beta
>gi|1036802129|ref|XP_017136608.1| PREDICTED: tail-anchored protein insertion receptor WRB [Dr
>gi|1036802057|ref|XP_017136606.1| PREDICTED: erythroid differentiation-related factor 1 [Dros
>gi|1036802147|ref|XP_017136609.1| PREDICTED: chorion protein S18 [Drosophila miranda]
>gi|1036766994|ref|XP_017134606.1| PREDICTED: chorion protein S15 [Drosophila miranda]
>gi|1036766884|ref|XP_017134600.1| PREDICTED: chorion protein S19 [Drosophila miranda]
>gi|1036766406|ref|XP_017134571.1| PREDICTED: chorion protein S16 [Drosophila miranda]
>gi|1036836335|ref|XP_017138503.1| PREDICTED: paramyosin, long form isoform X1 [Drosophila mire
>gi|1036836354|ref|XP_017138505.1| PREDICTED: paramyosin, short form isoform X2 [Drosophila mi
>gi|1036836373|ref|XP_017138506.1| PREDICTED: uncharacterized protein LOC108153198 [Drosophila
>gi|1036836392|ref|XP_017138507.1| PREDICTED: uncharacterized protein LOC108153198 [Drosophila
>gi|1036836411|ref|XP_017138508.1| PREDICTED: uncharacterized protein LOC108153198 [Drosophila
>gi|1036809164|ref|XP 017136995.1| PREDICTED: uncharacterized protein LOC108152288 isoform X1
>gi|1036809221|ref|XP_017136997.1| PREDICTED: uncharacterized protein LOC108152288 isoform X3
>gi|1036809200|ref|XP 017136996.1| PREDICTED: uncharacterized protein LOC108152288 isoform X2
>gi|1036809297|ref|XP_017137000.1| PREDICTED: uncharacterized protein LOC108152289 [Drosophila
>gi|1036809242|ref|XP_017136998.1| PREDICTED: FH1/FH2 domain-containing protein 1 isoform X4 [
>gi|1036809278|ref|XP_017136999.1| PREDICTED: FH1/FH2 domain-containing protein 3 isoform X5 [
>gi|1036809316|ref|XP_017137001.1| PREDICTED: acyl-CoA-binding protein [Drosophila miranda]
>gi|1036761038|ref|XP_017156933.1| PREDICTED: uncharacterized protein LOC108165406 [Drosophila
>gi|1036761052|ref|XP 017156934.1| PREDICTED: thioredoxin-related transmembrane protein 1-like
>gi|1036764149|ref|XP_017157103.1| PREDICTED: uncharacterized protein LOC108165540 [Drosophila
>gi|1036761068|ref|XP_017156935.1| PREDICTED: mucin-5AC-like [Drosophila miranda]
>gi|1036847066|ref|XP_017139094.1| PREDICTED: uncharacterized protein LOC108153539 [Drosophila
>gi|1036847047|ref|XP_017139092.1| PREDICTED: spore coat protein SP96 [Drosophila miranda]
>gi|1036850895|ref|XP_017139316.1| PREDICTED: uncharacterized protein LOC108153700 [Drosophila
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>gi|1036850913|ref|XP_017139317.1| PREDICTED: uncharacterized protein LOC108153701 [Drosophila
>gi|1036816630|ref|XP_017137405.1| PREDICTED: division abnormally delayed protein [Drosophila 1
>gi|1036816611|ref|XP_017137404.1| PREDICTED: nascent polypeptide-associated complex subunit a
>gi|1036826844|ref|XP_017137968.1| PREDICTED: DNA replication licensing factor Mcm7 [Drosophile
>gi|1036826825|ref|XP 017137967.1| PREDICTED: transient receptor potential cation channel subf
>gi|1036826806|ref|XP_017137966.1| PREDICTED: transient receptor potential cation channel subf
>gi|1036826788|ref|XP_017137965.1| PREDICTED: transient receptor potential cation channel subf
>gi|1036849397|ref|XP_017139226.1| PREDICTED: fer-1-like protein 6 [Drosophila miranda]
>gi|1036836244|ref|XP_017138498.1| PREDICTED: tetraspanin-9 [Drosophila miranda]
>gi|1036836262|ref|XP_017138499.1| PREDICTED: tetraspanin-9 [Drosophila miranda]
>gi|1036783249|ref|XP_017135537.1| PREDICTED: peptidyl-prolyl cis-trans isomerase D [Drosophile
>gi|1036783174|ref|XP_017135533.1| PREDICTED: protein furry isoform X7 [Drosophila miranda]
>gi|1036783155|ref|XP_017135532.1| PREDICTED: protein furry isoform X6 [Drosophila miranda]
>gi|1036783117|ref|XP_017135530.1| PREDICTED: protein furry isoform X4 [Drosophila miranda]
>gi|1036783099|ref|XP_017135529.1| PREDICTED: protein furry isoform X3 [Drosophila miranda]
>gi|1036783083|ref|XP_017135527.1| PREDICTED: protein furry isoform X2 [Drosophila miranda]
>gi|1036783068|ref|XP_017135526.1| PREDICTED: protein furry isoform X1 [Drosophila miranda]
>gi|1036783212|ref|XP_017135535.1| PREDICTED: protein furry isoform X9 [Drosophila miranda]
>gi|1036783136|ref|XP_017135531.1| PREDICTED: protein furry isoform X5 [Drosophila miranda]
>gi|1036783193|ref|XP_017135534.1| PREDICTED: protein furry isoform X8 [Drosophila miranda]
>gi|1036783266|ref|XP_017135538.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036783286|ref|XP 017135539.1| PREDICTED: serine proteases 1/2-like [Drosophila miranda]
>gi|1036783230|ref|XP_017135536.1| PREDICTED: uncharacterized protein LOC108151437 [Drosophila
>gi|1036830828|ref|XP_017138198.1| PREDICTED: UPF0046 protein C25E10.12 [Drosophila miranda]
>gi|1036830809|ref|XP_017138197.1| PREDICTED: tubulin alpha-4 chain [Drosophila miranda]
>gi|1036830847|ref|XP_017138199.1| PREDICTED: uncharacterized protein LOC108152984 [Drosophila
>gi|1036817059|ref|XP_017137429.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X4
>gi|1036817040|ref|XP_017137428.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X3
>gi|1036817098|ref|XP_017137431.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X6
>gi|1036817079|ref|XP_017137430.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X5
>gi|1036817021|ref|XP_017137427.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X2
>gi|1036817003|ref|XP_017137426.1| PREDICTED: ribose-phosphate pyrophosphokinase 2 isoform X1
>gi|1036817135|ref|XP_017137434.1| PREDICTED: sperm flagellar protein 1-like [Drosophila miran-
>gi|1036817117|ref|XP_017137432.1| PREDICTED: ubiquitin-conjugating enzyme E2-22 kDa [Drosophi
>gi|1036816983|ref|XP 017137425.1| PREDICTED: uncharacterized protein KIAA1841 homolog [Drosop
>gi|1036834860|ref|XP_017138416.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834823|ref|XP_017138414.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834768|ref|XP_017138410.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834841|ref|XP_017138415.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834787|ref|XP_017138411.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834879|ref|XP_017138417.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834806|ref|XP_017138413.1| PREDICTED: eukaryotic translation initiation factor 4E isof
>gi|1036834898|ref|XP_017138418.1| PREDICTED: sentrin-specific protease 1-like [Drosophila mire
>gi|1036828817|ref|XP_017138081.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1036803828|ref|XP_017136700.1| PREDICTED: tyrosine-protein kinase Abl isoform X1 [Drosophi
>gi|1036803901|ref|XP_017136704.1| PREDICTED: tyrosine-protein kinase Abl isoform X5 [Drosophi
>gi|1036803862|ref|XP_017136702.1| PREDICTED: tyrosine-protein kinase Abl isoform X3 [Drosophi
>gi|1036803844|ref|XP_017136701.1| PREDICTED: tyrosine-protein kinase Abl isoform X2 [Drosophi
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>gi|1036803881|ref|XP_017136703.1| PREDICTED: tyrosine-protein kinase Abl isoform X4 [Drosophi
>gi|1036819929|ref|XP_017137587.1| PREDICTED: protein Mo25 [Drosophila miranda]
>gi|1036819966|ref|XP_017137589.1| PREDICTED: protein anon-73B1 [Drosophila miranda]
>gi|1036819947|ref|XP_017137588.1| PREDICTED: prostaglandin E synthase 2 [Drosophila miranda]
>gi|1036820833|ref|XP 017137632.1| PREDICTED: ribosome biogenesis protein BRX1 homolog [Drosop]
>gi|1036820815|ref|XP_017137631.1| PREDICTED: CTL-like protein 1 [Drosophila miranda]
>gi|1036766826|ref|XP 017134596.1| PREDICTED: uncharacterized protein LOC108150804 [Drosophila
>gi|1036835079|ref|XP_017138429.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036835098|ref|XP 017138430.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036835116|ref|XP_017138431.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036835134|ref|XP_017138432.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036828909|ref|XP_017138087.1| PREDICTED: V-type proton ATPase subunit e 2 [Drosophila mire
>gi|1036828894|ref|XP_017138086.1| PREDICTED: zinc finger matrin-type protein 2 [Drosophila mi
>gi|1036828876|ref|XP_017138084.1| PREDICTED: protein ABHD16A [Drosophila miranda]
>gi|1036763440|ref|XP_017157066.1| PREDICTED: uncharacterized protein LOC108165519 isoform X2
>gi|1036763425|ref|XP_017157065.1| PREDICTED: uncharacterized protein LOC108165519 isoform X1
>gi|1036761085|ref|XP_017156937.1| PREDICTED: uncharacterized protein LOC108165409 [Drosophila
>gi|1036780681|ref|XP_017135386.1| PREDICTED: NF-X1-type zinc finger protein NFXL1 [Drosophila
>gi|1036780700|ref|XP_017135387.1| PREDICTED: PQ-loop repeat-containing protein 3 [Drosophila i
>gi|1036780662|ref|XP 017135385.1| PREDICTED: F-box/WD repeat-containing protein 7 [Drosophila
>gi|1036780718|ref|XP_017135388.1| PREDICTED: kinesin-like protein KIF23 [Drosophila miranda]
>gi|1036843149|ref|XP 017138886.1| PREDICTED: sulfide:quinone oxidoreductase, mitochondrial [Di
>gi|1036785666|ref|XP_017135677.1| PREDICTED: neural/ectodermal development factor IMP-L2 isof
>gi|1036785685|ref|XP_017135678.1| PREDICTED: neural/ectodermal development factor IMP-L2 isof
>gi|1036785647|ref|XP_017135676.1| PREDICTED: neurobeachin-like protein 1 isoform X2 [Drosophi
>gi|1036785628|ref|XP_017135675.1| PREDICTED: neurobeachin-like protein 1 isoform X1 [Drosophi
>gi|1036785704|ref|XP_017135679.1| PREDICTED: larval cuticle protein A3A [Drosophila miranda]
>gi|1036785742|ref|XP_017135682.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1036785759|ref|XP_017135683.1| PREDICTED: larval cuticle protein A3A [Drosophila miranda]
>gi|1036785723|ref|XP_017135681.1| PREDICTED: cuticle protein 7 [Drosophila miranda]
>gi|1036758120|ref|XP_017156758.1| PREDICTED: extensin [Drosophila miranda]
>gi|1036807493|ref|XP_017136904.1| PREDICTED: protein tipE [Drosophila miranda]
>gi|1036807512|ref|XP_017136905.1| PREDICTED: protein tipE [Drosophila miranda]
>gi|1036807531|ref|XP_017136906.1| PREDICTED: protein tipE [Drosophila miranda]
>gi|1036807552|ref|XP 017136907.1| PREDICTED: protein tipE [Drosophila miranda]
>gi|1036807644|ref|XP_017136912.1| PREDICTED: V-type proton ATPase subunit e [Drosophila miran-
>gi|1036807571|ref|XP 017136908.1| PREDICTED: uncharacterized protein LOC108152231 [Drosophila
>gi|1036807588|ref|XP_017136909.1| PREDICTED: uncharacterized protein LOC108152231 [Drosophila
>gi|1036807626|ref|XP_017136911.1| PREDICTED: protein tipE isoform X2 [Drosophila miranda]
>gi|1036807607|ref|XP_017136910.1| PREDICTED: protein tipE isoform X1 [Drosophila miranda]
>gi|1036807407|ref|XP_017136899.1| PREDICTED: uncharacterized protein LOC108152228 isoform X1
>gi|1036807426|ref|XP_017136900.1| PREDICTED: uncharacterized protein LOC108152228 isoform X2
>gi|1036761102|ref|XP_017156938.1| PREDICTED: UPF0769 protein CG18675 [Drosophila miranda]
>gi|1036807444|ref|XP_017136901.1| PREDICTED: ero1-like protein [Drosophila miranda]
>gi|1036807460|ref|XP_017136903.1| PREDICTED: ero1-like protein [Drosophila miranda]
>gi|1036838500|ref|XP_017138633.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1036848898|ref|XP_017139197.1| PREDICTED: NGFI-A-binding protein homolog isoform X1 [Droso
>gi|1036848914|ref|XP_017139198.1| PREDICTED: NGFI-A-binding protein homolog isoform X2 [Droso
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>gi|1036821619|ref|XP_017137674.1| PREDICTED: venom serine protease Bi-VSP isoform X2 [Drosoph
>gi|1036821656|ref|XP_017137677.1| PREDICTED: venom protease isoform X4 [Drosophila miranda]
>gi|1036821637|ref|XP_017137676.1| PREDICTED: venom protease isoform X3 [Drosophila miranda]
>gi|1036821600|ref|XP_017137673.1| PREDICTED: venom serine protease Bi-VSP isoform X1 [Drosoph
>gi|1036821757|ref|XP 017137682.1| PREDICTED: venom protease isoform X2 [Drosophila miranda]
>gi|1036821734|ref|XP_017137681.1| PREDICTED: proclotting enzyme isoform X1 [Drosophila mirand
>gi|1036821715|ref|XP 017137680.1| PREDICTED: adipokinetic hormone [Drosophila miranda]
>gi|1036821694|ref|XP_017137679.1| PREDICTED: ras-like protein 2 [Drosophila miranda]
>gi|1036821675|ref|XP_017137678.1| PREDICTED: replication factor C subunit 2 [Drosophila miran
>gi|1036804292|ref|XP_017136727.1| PREDICTED: flocculation protein FLO11 isoform X1 [Drosophile
>gi|1036804368|ref|XP_017136731.1| PREDICTED: PHD finger protein rhinoceros isoform X5 [Drosop
>gi|1036804424|ref|XP_017136734.1| PREDICTED: ensconsin isoform X8 [Drosophila miranda]
>gi|1036804460|ref|XP_017136737.1| PREDICTED: ensconsin isoform X10 [Drosophila miranda]
>gi|1036804349|ref|XP_017136730.1| PREDICTED: flocculation protein FLO11 isoform X4 [Drosophile
>gi|1036804405|ref|XP_017136733.1| PREDICTED: ensconsin isoform X7 [Drosophila miranda]
>gi|1036804386|ref|XP_017136732.1| PREDICTED: protein split ends isoform X6 [Drosophila mirand
>gi|1036804443|ref|XP_017136736.1| PREDICTED: ensconsin isoform X9 [Drosophila miranda]
>gi|1036804498|ref|XP_017136739.1| PREDICTED: ensconsin isoform X12 [Drosophila miranda]
>gi|1036804311|ref|XP_017136728.1| PREDICTED: flocculation protein FLO11 isoform X2 [Drosophile
>gi|1036804479|ref|XP 017136738.1| PREDICTED: ensconsin isoform X11 [Drosophila miranda]
>gi|1036804515|ref|XP_017136740.1| PREDICTED: MAP7 domain-containing protein 1 isoform X13 [Dr
>gi|1036804534|ref|XP 017136741.1| PREDICTED: ensconsin isoform X14 [Drosophila miranda]
>gi|1036804330|ref|XP_017136729.1| PREDICTED: flocculation protein FLO11 isoform X3 [Drosophile
>gi|1036804553|ref|XP 017136742.1| PREDICTED: ensconsin isoform X15 [Drosophila miranda]
>gi|1036835461|ref|XP_017138451.1| PREDICTED: myophilin isoform X1 [Drosophila miranda]
>gi|1036835480|ref|XP_017138452.1| PREDICTED: myophilin isoform X2 [Drosophila miranda]
>gi|1036796737|ref|XP_017136299.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036796718|ref|XP_017136298.1| PREDICTED: uncharacterized protein F23B12.7 [Drosophila mire
>gi|1036796062|ref|XP_017136263.1| PREDICTED: SPRY domain-containing SOCS box protein 3 [Droso
>gi|1036796043|ref|XP_017136262.1| PREDICTED: ATP-dependent helicase brm isoform X2 [Drosophile
>gi|1036796025|ref|XP_017136261.1| PREDICTED: ATP-dependent helicase brm isoform X1 [Drosophile
>gi|1036796102|ref|XP_017136265.1| PREDICTED: inositol monophosphatase 1 [Drosophila miranda]
>gi|1036796142|ref|XP_017136268.1| PREDICTED: inositol monophosphatase 2 [Drosophila miranda]
>gi|1036796123|ref|XP_017136267.1| PREDICTED: inositol monophosphatase ttx-7 [Drosophila miran-
>gi|1036796081|ref|XP 017136264.1| PREDICTED: inositol monophosphatase 2 [Drosophila miranda]
>gi|1036819118|ref|XP_017137545.1| PREDICTED: ADP-ribosylation factor-like protein 1 [Drosophi
>gi|1036819099|ref|XP 017137544.1| PREDICTED: DNA polymerase delta catalytic subunit [Drosophi
>gi|1036821795|ref|XP_017137684.1| PREDICTED: palmitoyltransferase Hip14 [Drosophila miranda]
>gi|1036831960|ref|XP_017138261.1| PREDICTED: carboxy-terminal domain RNA polymerase II polype
>gi|1036831979|ref|XP_017138262.1| PREDICTED: carboxy-terminal domain RNA polymerase II polype
>gi|1036822269|ref|XP_017137711.1| PREDICTED: 28S ribosomal protein S31, mitochondrial [Drosop
>gi|1036822250|ref|XP_017137710.1| PREDICTED: E3 ubiquitin-protein ligase mind-bomb [Drosophile
>gi|1036826203|ref|XP_017137930.1| PREDICTED: uncharacterized protein LOC108152836 isoform X2
>gi|1036826180|ref|XP_017137929.1| PREDICTED: uncharacterized protein LOC108152836 isoform X1
>gi|1036761120|ref|XP_017156939.1| PREDICTED: cytosol aminopeptidase-like, partial [Drosophila
>gi|1036761138|ref|XP_017156940.1| PREDICTED: isocitrate dehydrogenase [NAD] catalytic subunit
>gi|1036826259|ref|XP_017137934.1| PREDICTED: hydroxyacylglutathione hydrolase, mitochondrial
>gi|1036826239|ref|XP_017137933.1| PREDICTED: hydroxyacylglutathione hydrolase, mitochondrial
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>gi|1036826278|ref|XP_017137935.1| PREDICTED: hydroxyacylglutathione hydrolase, mitochondrial
>gi|1036826221|ref|XP_017137931.1| PREDICTED: uncharacterized protein LOC108152837 [Drosophila
>gi|1036796788|ref|XP_017136303.1| PREDICTED: homeobox protein SIX6 [Drosophila miranda]
>gi|1036796838|ref|XP_017136306.1| PREDICTED: uncharacterized protein LOC108151906 isoform X2
>gi|1036796821|ref|XP 017136305.1| PREDICTED: uncharacterized protein LOC108151906 isoform X1
>gi|1036796771|ref|XP_017136301.1| PREDICTED: trafficking protein particle complex subunit 12
>gi|1036796754|ref|XP_017136300.1| PREDICTED: phosphorylated CTD-interacting factor 1 [Drosoph
>gi|1036796804|ref|XP_017136304.1| PREDICTED: peroxisomal membrane protein PEX14 [Drosophila m
>gi|1036788984|ref|XP_017135863.1| PREDICTED: peroxisomal membrane protein PEX16 [Drosophila m
>gi|1036788931|ref|XP_017135860.1| PREDICTED: serine/threonine-protein kinase PITSLRE [Drosoph
>gi|1036789059|ref|XP_017135868.1| PREDICTED: ATP synthase subunit s-like protein [Drosophila 1
>gi|1036789097|ref|XP_017135870.1| PREDICTED: coiled-coil-helix-coiled-coil-helix domain-conta
>gi|1036789003|ref|XP_017135864.1| PREDICTED: Down syndrome critical region protein 3 homolog
>gi|1036788947|ref|XP_017135861.1| PREDICTED: uncharacterized protein LOC108151653 [Drosophila
>gi|1036788966|ref|XP_017135862.1| PREDICTED: uncharacterized protein LOC108151653 [Drosophila
>gi|1036789116|ref|XP_017135871.1| PREDICTED: putative gustatory receptor 77a [Drosophila mirat
>gi|1036789021|ref|XP_017135866.1| PREDICTED: uncharacterized protein LOC108151657 [Drosophila
>gi|1036789040|ref|XP_017135867.1| PREDICTED: uncharacterized protein LOC108151657 [Drosophila
>gi|1036789078|ref|XP_017135869.1| PREDICTED: uncharacterized protein LOC108151659 [Drosophila
>gi|1036843582|ref|XP 017138913.1| PREDICTED: uncharacterized protein LOC108153421 [Drosophila
>gi|1036761158|ref|XP_017156941.1| PREDICTED: extracellular sulfatase SULF-1 homolog [Drosophi
>gi|1036843564|ref|XP 017138911.1| PREDICTED: zygotic gap protein knirps [Drosophila miranda]
>gi|1036761178|ref|XP_017156942.1| PREDICTED: uncharacterized protein LOC108165414 [Drosophila
>gi|1036832902|ref|XP_017138313.1| PREDICTED: knirps-related protein [Drosophila miranda]
>gi|1036829827|ref|XP_017138138.1| PREDICTED: cell wall protein IFF6 [Drosophila miranda]
>gi|1036829863|ref|XP_017138140.1| PREDICTED: uncharacterized protein LOC108152952 [Drosophila
>gi|1036829844|ref|XP_017138139.1| PREDICTED: cytosolic Fe-S cluster assembly factor NUBP2 home
>gi|1036785395|ref|XP_017135661.1| PREDICTED: phosphatidylserine synthase 1 [Drosophila mirand
>gi|1036785483|ref|XP_017135666.1| PREDICTED: vesicle transport protein SFT2A [Drosophila mirate
>gi|1036785433|ref|XP_017135663.1| PREDICTED: transcription termination factor 3, mitochondria
>gi|1036785447|ref|XP_017135664.1| PREDICTED: uncharacterized protein LOC108151526 isoform X1
>gi|1036785464|ref|XP_017135665.1| PREDICTED: uncharacterized protein LOC108151526 isoform X2
>gi|1036785377|ref|XP_017135660.1| PREDICTED: uncharacterized protein LOC108151520 isoform X3
>gi|1036785340|ref|XP_017135658.1| PREDICTED: uncharacterized protein LOC108151520 isoform X1
>gi|1036785358|ref|XP 017135659.1| PREDICTED: C2 domain-containing protein 3 isoform X2 [Droso
>gi|1036785414|ref|XP_017135662.1| PREDICTED: hippocampus abundant transcript-like protein 1 [
>gi|1036839101|ref|XP 017138671.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036800954|ref|XP_017136539.1| PREDICTED: zinc transporter 1 [Drosophila miranda]
>gi|1036800992|ref|XP_017136541.1| PREDICTED: glutaminyl-peptide cyclotransferase isoform X1 [
>gi|1036801010|ref|XP_017136543.1| PREDICTED: glutaminyl-peptide cyclotransferase isoform X2 [
>gi|1036801045|ref|XP_017136545.1| PREDICTED: vacuolar ATPase assembly integral membrane prote
>gi|1036801026|ref|XP_017136544.1| PREDICTED: uncharacterized protein LOC108152051 [Drosophila
>gi|1036800973|ref|XP 017136540.1| PREDICTED: L-threonine 3-dehydrogenase, mitochondrial [Dros
>gi|1036839049|ref|XP_017138669.1| PREDICTED: lipase 3 [Drosophila miranda]
>gi|1036839009|ref|XP_017138667.1| PREDICTED: chaoptin [Drosophila miranda]
>gi|1036839028|ref|XP_017138668.1| PREDICTED: chaoptin [Drosophila miranda]
>gi|1036829250|ref|XP_017138107.1| PREDICTED: uncharacterized protein LOC108152931 [Drosophila
>gi|1036829273|ref|XP_017138108.1| PREDICTED: uncharacterized protein LOC108152931 [Drosophila
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>gi|1036793663|ref|XP_017136126.1| PREDICTED: 4-hydroxyphenylpyruvate dioxygenase [Drosophila 1
>gi|1036793624|ref|XP 017136124.1| PREDICTED: uncharacterized protein LOC108151787 isoform X1
>gi|1036793643|ref|XP_017136125.1| PREDICTED: uncharacterized protein LOC108151787 isoform X2
>gi|1036793682|ref|XP_017136127.1| PREDICTED: 39S ribosomal protein L15, mitochondrial [Drosop.
>gi|1036793605|ref|XP_017136123.1| PREDICTED: presenilin homolog isoform X3 [Drosophila mirand
>gi|1036793587|ref|XP_017136122.1| PREDICTED: presenilin homolog isoform X2 [Drosophila mirand
>gi|1036793572|ref|XP_017136121.1| PREDICTED: presenilin homolog isoform X1 [Drosophila mirand
>gi|1036793501|ref|XP_017136117.1| PREDICTED: Golgi apparatus protein 1 isoform X1 [Drosophila
>gi|1036793519|ref|XP_017136118.1| PREDICTED: Golgi apparatus protein 1 isoform X2 [Drosophila
>gi|1036793536|ref|XP_017136119.1| PREDICTED: glutactin isoform X1 [Drosophila miranda]
>gi|1036793555|ref|XP_017136120.1| PREDICTED: esterase B1 isoform X2 [Drosophila miranda]
>gi|1036831997|ref|XP_017138264.1| PREDICTED: nuclear hormone receptor HR78 isoform X1 [Drosop.
>gi|1036832015|ref|XP_017138265.1| PREDICTED: nuclear hormone receptor HR78 isoform X2 [Drosop
>gi|1036832053|ref|XP_017138267.1| PREDICTED: protein PBDC1 [Drosophila miranda]
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>gi|1036800160|ref|XP_017136494.1| PREDICTED: uncharacterized protein LOC108152024 [Drosophila
>gi|1036800068|ref|XP 017136489.1| PREDICTED: speract receptor-like isoform X1 [Drosophila mire
>gi|1036800085|ref|XP_017136490.1| PREDICTED: speract receptor-like isoform X1 [Drosophila mire
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>gi|1036800123|ref|XP_017136492.1| PREDICTED: speract receptor-like isoform X1 [Drosophila mire
>gi|1036800142|ref|XP_017136493.1| PREDICTED: speract receptor-like isoform X2 [Drosophila mire
>gi|1036813202|ref|XP_017137208.1| PREDICTED: mucolipin-3 [Drosophila miranda]
>gi|1036813276|ref|XP_017137213.1| PREDICTED: uncharacterized protein LOC108152411 [Drosophila
>gi|1036813220|ref|XP_017137209.1| PREDICTED: uncharacterized protein LOC108152410 isoform X1
>gi|1036813238|ref|XP_017137211.1| PREDICTED: uncharacterized protein LOC108152410 isoform X2
>gi|1036813257|ref|XP_017137212.1| PREDICTED: uncharacterized protein LOC108152410 isoform X3
>gi|1036813295|ref|XP_017137214.1| PREDICTED: guanine nucleotide-binding protein subunit beta-
>gi|1036835535|ref|XP_017138455.1| PREDICTED: uncharacterized protein LOC108153162 [Drosophila
>gi|1036848474|ref|XP_017139172.1| PREDICTED: protein Teyrha-meyrha isoform X1 [Drosophila mire
>gi|1036848551|ref|XP 017139176.1| PREDICTED: protein Teyrha-meyrha isoform X5 [Drosophila mire
>gi|1036848493|ref|XP_017139173.1| PREDICTED: protein Teyrha-meyrha isoform X2 [Drosophila mire
>gi|1036848567|ref|XP 017139177.1| PREDICTED: protein Teyrha-meyrha isoform X6 [Drosophila mire
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>gi|1036848585|ref|XP_017139178.1| PREDICTED: protein Teyrha-meyrha isoform X7 [Drosophila mire
>gi|1036848603|ref|XP_017139179.1| PREDICTED: protein Teyrha-meyrha isoform X8 [Drosophila mire
>gi|1036848621|ref|XP_017139180.1| PREDICTED: protein Teyrha-meyrha isoform X9 [Drosophila mire
>gi|1036848145|ref|XP_017139153.1| PREDICTED: ornithine aminotransferase, mitochondrial [Droso
>gi|1036766120|ref|XP_017134559.1| PREDICTED: uncharacterized protein LOC108150774 [Drosophila
>gi|1036817801|ref|XP_017137470.1| PREDICTED: E3 ubiquitin-protein ligase rnf146 isoform X1 [Di
>gi|1036817821|ref|XP_017137471.1| PREDICTED: E3 ubiquitin-protein ligase RNF146 isoform X2 [Di
>gi|1036761196|ref|XP_017156943.1| PREDICTED: E3 ubiquitin-protein ligase rnf146-like [Drosoph
>gi|1036783322|ref|XP_017135542.1| PREDICTED: mitogen-activated protein kinase kinase kinase 1
>gi|1036783341|ref|XP_017135543.1| PREDICTED: mitogen-activated protein kinase kinase kinase 1
>gi|1036783360|ref|XP_017135544.1| PREDICTED: mitogen-activated protein kinase kinase kinase 1
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>gi|1036783379|ref|XP_017135545.1| PREDICTED: uncharacterized protein LOC108151444 [Drosophila
>gi|1036783417|ref|XP_017135547.1| PREDICTED: histone chaperone asf1 [Drosophila miranda]
>gi|1036783304|ref|XP_017135540.1| PREDICTED: trafficking protein particle complex subunit 8 [
>gi|1036783398|ref|XP_017135546.1| PREDICTED: glycosylphosphatidylinositol anchor biosynthesis
>gi|1036777143|ref|XP 017135174.1| PREDICTED: LOW QUALITY PROTEIN: lon protease homolog, mitoc
>gi|1036777215|ref|XP_017135178.1| PREDICTED: venom protease [Drosophila miranda]
>gi|1036777268|ref|XP 017135181.1| PREDICTED: uncharacterized protein LOC108151213 isoform X2
>gi|1036777249|ref|XP_017135180.1| PREDICTED: uncharacterized protein LOC108151213 isoform X1
>gi|1036777286|ref|XP_017135183.1| PREDICTED: general odorant-binding protein lush [Drosophila
>gi|1036777180|ref|XP_017135176.1| PREDICTED: transcription initiation factor TFIID subunit 6
>gi|1036777198|ref|XP_017135177.1| PREDICTED: transcription initiation factor TFIID subunit 6
>gi|1036777162|ref|XP_017135175.1| PREDICTED: transcription initiation factor TFIID subunit 6
>gi|1036777104|ref|XP_017135172.1| PREDICTED: histone-lysine N-methyltransferase ash1 isoform
>gi|1036777123|ref|XP_017135173.1| PREDICTED: histone-lysine N-methyltransferase ash1 isoform
>gi|1036777230|ref|XP_017135179.1| PREDICTED: proteasome subunit beta type-1-like [Drosophila n
>gi|1036810076|ref|XP_017137043.1| PREDICTED: rRNA methyltransferase 3, mitochondrial [Drosoph
>gi|1036809980|ref|XP_017137038.1| PREDICTED: ATP-binding cassette sub-family F member 3 [Dros
>gi|1036810094|ref|XP_017137044.1| PREDICTED: UPF0389 protein GA21628 [Drosophila miranda]
>gi|1036809999|ref|XP_017137039.1| PREDICTED: potassium voltage-gated channel protein Shal iso
>gi|1036810017|ref|XP_017137040.1| PREDICTED: potassium voltage-gated channel protein Shal iso
>gi|1036810038|ref|XP_017137041.1| PREDICTED: potassium voltage-gated channel protein Shal iso
>gi|1036810057|ref|XP_017137042.1| PREDICTED: potassium voltage-gated channel protein Shal iso
>gi|1036775510|ref|XP_017135080.1| PREDICTED: uncharacterized protein LOC108151161 [Drosophila
>gi|1036775416|ref|XP_017135075.1| PREDICTED: E3 ubiquitin-protein ligase listerin [Drosophila
>gi|1036775624|ref|XP_017135086.1| PREDICTED: uncharacterized protein LOC108151168 [Drosophila
>gi|1036775434|ref|XP_017135076.1| PREDICTED: dynactin subunit 1 [Drosophila miranda]
>gi|1036775453|ref|XP_017135077.1| PREDICTED: fibroin heavy chain [Drosophila miranda]
>gi|1036775472|ref|XP_017135078.1| PREDICTED: fibroin heavy chain [Drosophila miranda]
>gi|1036761214|ref|XP_017156944.1| PREDICTED: LOW QUALITY PROTEIN: MICOS complex subunit Mic10
>gi|1036775548|ref|XP_017135082.1| PREDICTED: uncharacterized protein LOC108151163 [Drosophila
>gi|1036758138|ref|XP_017156759.1| PREDICTED: adult-specific cuticular protein ACP-20 [Drosoph
>gi|1036775645|ref|XP_017135087.1| PREDICTED: cuticle protein 19.8 [Drosophila miranda]
>gi|1036775567|ref|XP_017135083.1| PREDICTED: venom acid phosphatase Acph-1 [Drosophila mirand
>gi|1036775586|ref|XP_017135084.1| PREDICTED: venom acid phosphatase Acph-1 [Drosophila mirand
>gi|1036775605|ref|XP 017135085.1| PREDICTED: venom acid phosphatase Acph-1 [Drosophila mirand
>gi|1036775529|ref|XP_017135081.1| PREDICTED: sulfhydryl oxidase 1-like [Drosophila miranda]
>gi|1036775491|ref|XP 017135079.1| PREDICTED: polycystin-2 [Drosophila miranda]
>gi|1036761232|ref|XP_017156945.1| PREDICTED: glutaconyl-CoA decarboxylase subunit gamma-like
>gi|1036758155|ref|XP_017156760.1| PREDICTED: cuticle protein 16.5-like [Drosophila miranda]
>gi|1036761251|ref|XP_017156946.1| PREDICTED: cuticle protein 16.5-like [Drosophila miranda]
>gi|1036761270|ref|XP_017156948.1| PREDICTED: cyclin-dependent kinase inhibitor 1C-like [Droso
>gi|1036761287|ref|XP_017156949.1| PREDICTED: cyclin-dependent kinase inhibitor 1C [Drosophila
>gi|1036849064|ref|XP_017139207.1| PREDICTED: uncharacterized protein LOC108153617 [Drosophila
>gi|1036820061|ref|XP_017137595.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like in
>gi|1036820003|ref|XP_017137592.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like is
>gi|1036820042|ref|XP_017137594.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like in
>gi|1036819985|ref|XP_017137590.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like is
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>gi|1036820023|ref|XP\_017137593.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like in

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>gi|1036758171|ref|XP_017156761.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like [
>gi|1036820134|ref|XP_017137599.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like [
>gi|1036820171|ref|XP_017137601.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like [
>gi|1036820153|ref|XP_017137600.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like,
>gi|1036820116|ref|XP 017137598.1| PREDICTED: heparan sulfate 2-0-sulfotransferase pipe-like [
>gi|1036820080|ref|XP_017137596.1| PREDICTED: deoxynucleoside triphosphate triphosphohydrolase
>gi|1036820098|ref|XP 017137597.1| PREDICTED: deoxynucleoside triphosphate triphosphohydrolase
>gi|1036833503|ref|XP_017138348.1| PREDICTED: glycogen-binding subunit 76A [Drosophila miranda]
>gi|1036833520|ref|XP_017138349.1| PREDICTED: glycogen-binding subunit 76A [Drosophila miranda]
>gi|1036833538|ref|XP_017138350.1| PREDICTED: peroxiredoxin-2 [Drosophila miranda]
>gi|1036761305|ref|XP_017156950.1| PREDICTED: collagen alpha-1(IX) chain [Drosophila miranda]
>gi|1036770105|ref|XP_017134775.1| PREDICTED: uncharacterized protein LOC108150952 [Drosophila
>gi|1036761324|ref|XP_017156951.1| PREDICTED: uncharacterized protein LOC108165423 [Drosophila
>gi|1036798272|ref|XP_017136387.1| PREDICTED: putative aldehyde dehydrogenase family 7 member.
>gi|1036798383|ref|XP_017136394.1| PREDICTED: methyltransferase-like protein 5 [Drosophila mire
>gi|1036798457|ref|XP_017136399.1| PREDICTED: SOSS complex subunit C homolog [Drosophila mirane
>gi|1036798402|ref|XP_017136395.1| PREDICTED: protein max isoform X1 [Drosophila miranda]
>gi|1036798420|ref|XP_017136396.1| PREDICTED: protein max isoform X2 [Drosophila miranda]
>gi|1036798438|ref|XP_017136398.1| PREDICTED: protein max isoform X3 [Drosophila miranda]
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>gi|1036798345|ref|XP_017136391.1| PREDICTED: lysophospholipid acyltransferase 5 [Drosophila m
>gi|1036798364|ref|XP_017136393.1| PREDICTED: lysophospholipid acyltransferase 5 [Drosophila m
>gi|1036798292|ref|XP_017136388.1| PREDICTED: ruvB-like helicase 2 [Drosophila miranda]
>gi|1036844935|ref|XP_017138979.1| PREDICTED: 39S ribosomal protein L21, mitochondrial [Drosop
>gi|1036768023|ref|XP_017134659.1| PREDICTED: uncharacterized protein LOC108150867 [Drosophila
>gi|1036851745|ref|XP_017139367.1| PREDICTED: protein IWS1 homolog [Drosophila miranda]
>gi|1036851762|ref|XP 017139368.1| PREDICTED: uncharacterized protein LOC108153749 [Drosophila
>gi|1036761343|ref|XP_017156952.1| PREDICTED: uncharacterized protein LOC108165425 [Drosophila
>gi|1036815846|ref|XP 017137358.1| PREDICTED: frizzled-2 [Drosophila miranda]
>gi|1036815864|ref|XP_017137359.1| PREDICTED: putative glycine-rich cell wall structural prote
>gi|1036834233|ref|XP 017138382.1| PREDICTED: serpin B6-like isoform X1 [Drosophila miranda]
>gi|1036834252|ref|XP_017138383.1| PREDICTED: serpin B3-like isoform X2 [Drosophila miranda]
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>gi|1036834214|ref|XP_017138381.1| PREDICTED: uncharacterized protein LOC108153106 [Drosophila
>gi|1036823262|ref|XP_017137768.1| PREDICTED: UPF0489 protein C5orf22 homolog [Drosophila mirated]
>gi|1036823318|ref|XP_017137772.1| PREDICTED: protein canopy 4 [Drosophila miranda]
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>gi|1036823300|ref|XP_017137771.1| PREDICTED: protein Gemin2 [Drosophila miranda]
>gi|1036769533|ref|XP_017134745.1| PREDICTED: dual specificity protein phosphatase Mpk3 [Droso
>gi|1036769551|ref|XP_017134746.1| PREDICTED: sideroflexin-2 [Drosophila miranda]
>gi|1036769474|ref|XP_017134741.1| PREDICTED: UDP-glucuronosyltransferase [Drosophila miranda]
>gi|1036769359|ref|XP_017134735.1| PREDICTED: protein naked cuticle isoform X1 [Drosophila mire
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>gi|1036769380|ref|XP_017134736.1| PREDICTED: protein naked cuticle isoform X2 [Drosophila mire
>gi|1036769397|ref|XP_017134737.1| PREDICTED: protein naked cuticle isoform X3 [Drosophila mire
>gi|1036769515|ref|XP_017134743.1| PREDICTED: protein msta [Drosophila miranda]
>gi|1036769497|ref|XP_017134742.1| PREDICTED: tRNA (uracil-5-)-methyltransferase homolog A [Dr
>gi|1036769456|ref|XP_017134740.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 is
>gi|1036769435|ref|XP_017134739.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 is
>gi|1036769571|ref|XP 017134747.1| PREDICTED: uncharacterized protein LOC108150927 [Drosophila
>gi|1036769416|ref|XP_017134738.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 [
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>gi|1036845949|ref|XP_017139030.1| PREDICTED: organic solute transporter alpha-like protein [Di
>gi|1036845965|ref|XP 017139031.1| PREDICTED: organic solute transporter alpha-like protein [Di
>gi|1036845984|ref|XP_017139032.1| PREDICTED: organic solute transporter alpha-like protein [Di
>gi|1036846003|ref|XP_017139033.1| PREDICTED: uncharacterized protein LOC108153494 [Drosophila
>gi|1036846020|ref|XP_017139034.1| PREDICTED: uncharacterized protein LOC108153494 [Drosophila
>gi|1036846037|ref|XP_017139035.1| PREDICTED: uncharacterized protein LOC108153494 [Drosophila
>gi|1036801139|ref|XP_017136551.1| PREDICTED: uncharacterized protein LOC108152057 [Drosophila
>gi|1036761383|ref|XP_017156954.1| PREDICTED: mite allergen Eur m 3 [Drosophila miranda]
>gi|1036801120|ref|XP_017136549.1| PREDICTED: uncharacterized protein LOC108152056 [Drosophila
>gi|1036761402|ref|XP 017156956.1| PREDICTED: uncharacterized protein LOC108165428 [Drosophila
>gi|1036801083|ref|XP_017136547.1| PREDICTED: pre-mRNA-processing factor 6 [Drosophila miranda]
>gi|1036801101|ref|XP 017136548.1| PREDICTED: COP9 signalosome complex subunit 1b [Drosophila 1
>gi|1036801158|ref|XP_017136552.1| PREDICTED: corepressor interacting with RBPJ 1 [Drosophila in the contemp of the corepressor interacting with RBPJ 1 [Drosophila in the corepressor 
>gi|1036833963|ref|XP_017138365.1| PREDICTED: gametocyte-specific factor 1 homolog [Drosophila
>gi|1036833981|ref|XP_017138367.1| PREDICTED: 60S ribosomal protein L26 [Drosophila miranda]
>gi|1036833998|ref|XP_017138368.1| PREDICTED: 60S ribosomal protein L26 [Drosophila miranda]
>gi|1036829091|ref|XP_017138098.1| PREDICTED: uncharacterized protein LOC108152926 [Drosophila
>gi|1036829111|ref|XP_017138099.1| PREDICTED: cell death-inducing p53-target protein 1 [Drosop
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>gi|1036831378|ref|XP_017138230.1| PREDICTED: extensin isoform X2 [Drosophila miranda]
>gi|1036831397|ref|XP_017138231.1| PREDICTED: extensin isoform X2 [Drosophila miranda]
>gi|1036831357|ref|XP_017138229.1| PREDICTED: integrator complex subunit 3 homolog isoform X1
>gi|1036803424|ref|XP_017136679.1| PREDICTED: uncharacterized protein LOC108152115 [Drosophila
>gi|1036803406|ref|XP 017136678.1| PREDICTED: vacuolar protein-sorting-associated protein 36 []
>gi|1036826090|ref|XP_017137924.1| PREDICTED: liprin-beta-1 [Drosophila miranda]
>gi|1036825997|ref|XP_017137918.1| PREDICTED: uncharacterized protein LOC108152829 [Drosophila
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>gi|1036839502|ref|XP_017138688.1| PREDICTED: probable WRKY transcription factor protein 1 [Dref|XP_017138688.1]
>gi|1036839483|ref|XP 017138687.1| PREDICTED: CUGBP Elav-like family member 4 isoform X9 [Dros
>gi|1036839428|ref|XP_017138684.1| PREDICTED: CUGBP Elav-like family member 4 isoform X6 [Dros
>gi|1036839392|ref|XP_017138681.1| PREDICTED: CUGBP Elav-like family member 4 isoform X4 [Dros
>gi|1036839356|ref|XP_017138679.1| PREDICTED: CUGBP Elav-like family member 4 isoform X2 [Dros
>gi|1036839464|ref|XP_017138686.1| PREDICTED: CUGBP Elav-like family member 4 isoform X8 [Dros
>gi|1036839409|ref|XP_017138683.1| PREDICTED: CUGBP Elav-like family member 4 isoform X5 [Dros
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>gi|1036839447|ref|XP_017138685.1| PREDICTED: CUGBP Elav-like family member 4 isoform X7 [Dros
>gi|1036852108|ref|XP_017139391.1| PREDICTED: uncharacterized protein LOC108153763 [Drosophila
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>gi|1036767540|ref|XP 017134635.1| PREDICTED: mastermind-like domain-containing protein 1 isof
>gi|1036818023|ref|XP_017137483.1| PREDICTED: ERAD-associated E3 ubiquitin-protein ligase HRD1
>gi|1036818004|ref|XP_017137482.1| PREDICTED: protein panoramix [Drosophila miranda]
>gi|1036761420|ref|XP_017156957.1| PREDICTED: protein FAM210A-like [Drosophila miranda]
>gi|1036768739|ref|XP_017134698.1| PREDICTED: protein new-glue 2-like [Drosophila miranda]
>gi|1036768721|ref|XP_017134697.1| PREDICTED: protein new-glue 1-like [Drosophila miranda]
>gi|1036767427|ref|XP_017134629.1| PREDICTED: uncharacterized protein LOC108150833 [Drosophila
>gi|1036834733|ref|XP_017138408.1| PREDICTED: hemocytin [Drosophila miranda]
>gi|1036840869|ref|XP_017138766.1| PREDICTED: GPN-loop GTPase 2 [Drosophila miranda]
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>gi|1036843948|ref|XP 017138931.1| PREDICTED: centrosomal and chromosomal factor [Drosophila m
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>gi|1036781054|ref|XP_017135410.1| PREDICTED: uncharacterized protein LOC108151362 [Drosophila
>gi|1036781147|ref|XP_017135415.1| PREDICTED: jmjC domain-containing protein 7 [Drosophila mire
>gi|1036781165|ref|XP_017135416.1| PREDICTED: GSK3-beta interaction protein [Drosophila mirand
>gi|1036781129|ref|XP_017135414.1| PREDICTED: ATP-dependent RNA helicase Ddx1 [Drosophila mirat
>gi|1036781073|ref|XP_017135411.1| PREDICTED: guanine nucleotide exchange factor subunit Rich
>gi|1036781091|ref|XP_017135412.1| PREDICTED: guanine nucleotide exchange factor subunit Rich
>gi|1036781110|ref|XP_017135413.1| PREDICTED: guanine nucleotide exchange factor subunit Rich
>gi|1036820962|ref|XP_017137639.1| PREDICTED: MOXD1 homolog 2 [Drosophila miranda]
>gi|1036771162|ref|XP 017134835.1| PREDICTED: 60S acidic ribosomal protein PO [Drosophila mirated]
>gi|1036771032|ref|XP_017134828.1| PREDICTED: NEDD4-binding protein 2 [Drosophila miranda]
>gi|1036771051|ref|XP_017134829.1| PREDICTED: NEDD4-binding protein 2 [Drosophila miranda]
>gi|1036771195|ref|XP_017134838.1| PREDICTED: uncharacterized protein LOC108150997 isoform X2
>gi|1036771177|ref|XP_017134837.1| PREDICTED: uncharacterized protein LOC108150997 isoform X1
>gi|1036771214|ref|XP_017134839.1| PREDICTED: tyramine/octopamine receptor [Drosophila miranda]
>gi|1036771125|ref|XP_017134833.1| PREDICTED: glucose-6-phosphate 1-dehydrogenase [Drosophila i
>gi|1036771144|ref|XP_017134834.1| PREDICTED: actin, larval muscle [Drosophila miranda]
>gi|1036771070|ref|XP_017134830.1| PREDICTED: delta-1-pyrroline-5-carboxylate synthase [Drosop
>gi|1036771013|ref|XP_017134827.1| PREDICTED: uncharacterized protein LOC108150988 isoform X2
>gi|1036770993|ref|XP_017134826.1| PREDICTED: uncharacterized protein LOC108150988 isoform X1
>gi|1036771088|ref|XP_017134831.1| PREDICTED: organic cation transporter protein [Drosophila m
>gi|1036771106|ref|XP_017134832.1| PREDICTED: solute carrier family 22 member 3-like [Drosophi
>gi|1036770941|ref|XP_017134822.1| PREDICTED: uncharacterized protein LOC108150987 [Drosophila
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>gi|1036770976|ref|XP_017134825.1| PREDICTED: uncharacterized protein LOC108150987 [Drosophila
>gi|1036761438|ref|XP_017156958.1| PREDICTED: vesicle-associated membrane protein-associated page 2 protein-associated page 3 protein-associated pag
>gi|1036794440|ref|XP_017136171.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794516|ref|XP_017136175.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794535|ref|XP_017136176.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794552|ref|XP 017136177.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794569|ref|XP_017136178.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
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>gi|1036794459|ref|XP_017136172.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794478|ref|XP_017136173.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794584|ref|XP_017136179.1| PREDICTED: sterile alpha and TIR motif-containing protein 1
>gi|1036794600|ref|XP_017136180.1| PREDICTED: dyslexia-associated protein KIAA0319 [Drosophila
>gi|1036794675|ref|XP_017136185.1| PREDICTED: uncharacterized protein LOC108151827 [Drosophila
>gi|1036794618|ref|XP_017136181.1| PREDICTED: uncharacterized protein LOC108151826 isoform X1
>gi|1036794637|ref|XP_017136182.1| PREDICTED: uncharacterized protein LOC108151826 isoform X1
>gi|1036794656|ref|XP_017136183.1| PREDICTED: uncharacterized protein LOC108151826 isoform X2
>gi|1036765908|ref|XP_017134546.1| PREDICTED: borealin-like [Drosophila miranda]
>gi|1036848316|ref|XP_017139163.1| PREDICTED: JNK-interacting protein 1 isoform X2 [Drosophila
>gi|1036848297|ref|XP 017139162.1| PREDICTED: JNK-interacting protein 1 isoform X1 [Drosophila
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>gi|1036847383|ref|XP 017139112.1| PREDICTED: uncharacterized protein LOC108153553 [Drosophila
>gi|1036826865|ref|XP_017137969.1| PREDICTED: protein bric-a-brac 2 isoform X1 [Drosophila mire
>gi|1036826884|ref|XP_017137970.1| PREDICTED: protein bric-a-brac 2 isoform X1 [Drosophila mire
>gi|1036826904|ref|XP_017137972.1| PREDICTED: protein bric-a-brac 2 isoform X2 [Drosophila mire
>gi|1036761456|ref|XP_017156959.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036847142|ref|XP_017139098.1| PREDICTED: protein bric-a-brac 1 isoform X1 [Drosophila mire
>gi|1036847161|ref|XP_017139099.1| PREDICTED: protein bric-a-brac 1 isoform X2 [Drosophila mire
>gi|1036845594|ref|XP_017139009.1| PREDICTED: oxysterol-binding protein-related protein 11 [Dreflection of the content of the 
>gi|1036788185|ref|XP_017135817.1| PREDICTED: triple functional domain protein isoform X1 [Drop
>gi|1036788204|ref|XP_017135818.1| PREDICTED: triple functional domain protein isoform X2 [Dros
>gi|1036788223|ref|XP_017135819.1| PREDICTED: triple functional domain protein isoform X3 [Drop
>gi|1036788242|ref|XP_017135821.1| PREDICTED: rho guanine nucleotide exchange factor 25 isoform
>gi|1036788300|ref|XP_017135824.1| PREDICTED: lipase member I [Drosophila miranda]
>gi|1036788280|ref|XP 017135823.1| PREDICTED: microfibril-associated glycoprotein 4 isoform X2
>gi|1036788261|ref|XP_017135822.1| PREDICTED: fibrinogen C domain-containing protein 1 isoform
>gi|1036796658|ref|XP_017136295.1| PREDICTED: cyclin-dependent kinase 14 isoform X3 [Drosophile
>gi|1036796640|ref|XP_017136294.1| PREDICTED: cyclin-dependent kinase 14 isoform X2 [Drosophile
>gi|1036796581|ref|XP_017136291.1| PREDICTED: cyclin-dependent kinase 14 isoform X1 [Drosophile
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>gi|1036796693|ref|XP_017136297.1| PREDICTED: cyclin-dependent kinase 14 isoform X5 [Drosophile
>gi|1036796676|ref|XP_017136296.1| PREDICTED: cyclin-dependent kinase 14 isoform X4 [Drosophile
>gi|1036843168|ref|XP_017138888.1| PREDICTED: 20-hydroxyecdysone protein [Drosophila miranda]
>gi|1036837087|ref|XP_017138547.1| PREDICTED: uncharacterized protein LOC108153227 isoform X2
>gi|1036837068|ref|XP_017138546.1| PREDICTED: uncharacterized protein LOC108153227 isoform X1
>gi|1036837104|ref|XP_017138548.1| PREDICTED: uncharacterized protein LOC108153227 isoform X3
>gi|1036837136|ref|XP_017138550.1| PREDICTED: uncharacterized protein LOC108153228 [Drosophila
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>gi|1036796159|ref|XP_017136269.1| PREDICTED: solute carrier family 35 member C2 [Drosophila m
>gi|1036796177|ref|XP_017136271.1| PREDICTED: solute carrier family 35 member C2 [Drosophila m
>gi|1036796215|ref|XP_017136273.1| PREDICTED: cyclin-J-like isoform X2 [Drosophila miranda]
>gi|1036796196|ref|XP_017136272.1| PREDICTED: cyclin-J-like isoform X1 [Drosophila miranda]
>gi|1036796272|ref|XP 017136276.1| PREDICTED: uncharacterized protein LOC108151887 [Drosophila
>gi|1036796253|ref|XP_017136275.1| PREDICTED: cyclin-J-like isoform X2 [Drosophila miranda]
>gi|1036796234|ref|XP 017136274.1| PREDICTED: cyclin-J-like isoform X1 [Drosophila miranda]
>gi|1036796290|ref|XP_017136277.1| PREDICTED: probable RNA helicase armi [Drosophila miranda]
>gi|1036820796|ref|XP_017137629.1| PREDICTED: eukaryotic translation initiation factor 5B [Dros
>gi|1036827452|ref|XP_017138004.1| PREDICTED: protein sprouty [Drosophila miranda]
>gi|1036827470|ref|XP_017138005.1| PREDICTED: protein sprouty [Drosophila miranda]
>gi|1036826626|ref|XP 017137955.1| PREDICTED: iduronate 2-sulfatase [Drosophila miranda]
>gi|1036826643|ref|XP_017137956.1| PREDICTED: brain protein I3 [Drosophila miranda]
>gi|1036826607|ref|XP_017137954.1| PREDICTED: cell division cycle protein 48 homolog [Drosophi
>gi|1036824580|ref|XP_017137843.1| PREDICTED: YTH domain-containing protein 1 [Drosophila mirated
>gi|1036824597|ref|XP_017137844.1| PREDICTED: osteopetrosis-associated transmembrane protein 1
>gi|1036782975|ref|XP_017135520.1| PREDICTED: spectrin beta chain, non-erythrocytic 5 isoform
>gi|1036782994|ref|XP 017135521.1| PREDICTED: spectrin beta chain, non-erythrocytic 5 isoform
>gi|1036783031|ref|XP_017135523.1| PREDICTED: spectrin beta chain, non-erythrocytic 5 isoform
>gi|1036783050|ref|XP 017135525.1| PREDICTED: spectrin beta chain, non-erythrocytic 5 isoform
>gi|1036783012|ref|XP_017135522.1| PREDICTED: spectrin beta chain, non-erythrocytic 5 isoform
>gi|1036768461|ref|XP 017134683.1| PREDICTED: uncharacterized protein LOC108150885 [Drosophila
>gi|1036790307|ref|XP_017135939.1| PREDICTED: calcium uniporter protein, mitochondrial isoform
>gi|1036790326|ref|XP_017135940.1| PREDICTED: calcium uniporter protein, mitochondrial isoform
>gi|1036790345|ref|XP_017135941.1| PREDICTED: calcium uniporter protein, mitochondrial isoform
>gi|1036790288|ref|XP_017135938.1| PREDICTED: uncharacterized protein LOC108151696 [Drosophila
>gi|1036790364|ref|XP_017135942.1| PREDICTED: serine protease nudel [Drosophila miranda]
>gi|1036790382|ref|XP_017135943.1| PREDICTED: small RNA degrading nuclease 5 [Drosophila miran
>gi|1036790400|ref|XP_017135944.1| PREDICTED: innexin inx4 [Drosophila miranda]
>gi|1036845115|ref|XP_017138989.1| PREDICTED: uncharacterized protein LOC108153468 [Drosophila
>gi|1036851110|ref|XP_017139328.1| PREDICTED: glutamate receptor 1 [Drosophila miranda]
>gi|1036766014|ref|XP_017134552.1| PREDICTED: eukaryotic translation initiation factor 4E [Drop
>gi|1036761472|ref|XP 017156960.1| PREDICTED: uncharacterized protein CG32395 [Drosophila mirat
>gi|1036841317|ref|XP_017138793.1| PREDICTED: uncharacterized protein LOC108153347 [Drosophila
>gi|1036841336|ref|XP 017138794.1| PREDICTED: uncharacterized protein LOC108153347 [Drosophila
>gi|1036850875|ref|XP_017139315.1| PREDICTED: ras-related and estrogen-regulated growth inhibit
>gi|1036847779|ref|XP_017139134.1| PREDICTED: tyrosine 3-monooxygenase [Drosophila miranda]
>gi|1036788370|ref|XP_017135826.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036788318|ref|XP_017135825.1| PREDICTED: serine/arginine repetitive matrix protein 2 isof
>gi|1036797211|ref|XP_017136328.1| PREDICTED: uncharacterized protein LOC108151921 isoform X1
>gi|1036797226|ref|XP_017136329.1| PREDICTED: uncharacterized protein LOC108151921 isoform X2
>gi|1036797245|ref|XP_017136330.1| PREDICTED: uncharacterized protein LOC108151921 isoform X3
>gi|1036797282|ref|XP 017136332.1| PREDICTED: ribosome maturation protein SBDS [Drosophila mire
>gi|1036797263|ref|XP_017136331.1| PREDICTED: LOW QUALITY PROTEIN: IST1 homolog [Drosophila mi
>gi|1036827359|ref|XP_017137998.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1036827321|ref|XP_017137996.1| PREDICTED: LOW QUALITY PROTEIN: POU domain protein CF1A [Dro
>gi|1036827340|ref|XP_017137997.1| PREDICTED: amidophosphoribosyltransferase [Drosophila miran-
>gi|1036807133|ref|XP_017136884.1| PREDICTED: transcription factor SPT20 homolog isoform X3 [Di
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>gi|1036807152|ref|XP_017136885.1| PREDICTED: zinc carboxypeptidase [Drosophila miranda]
>gi|1036807099|ref|XP_017136882.1| PREDICTED: transcription factor SPT20 homolog isoform X1 [Di
>gi|1036807118|ref|XP_017136883.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036807083|ref|XP_017136881.1| PREDICTED: ATP-dependent RNA helicase dbp2 [Drosophila mirated and the company of the compa
>gi|1036850635|ref|XP 017139301.1| PREDICTED: uncharacterized protein LOC108153688 [Drosophila
>gi|1036846639|ref|XP_017139069.1| PREDICTED: guanine nucleotide-binding protein G(f) subunit
>gi|1036842128|ref|XP 017138830.1| PREDICTED: coatomer subunit zeta-1 [Drosophila miranda]
>gi|1036850128|ref|XP_017139272.1| PREDICTED: coiled-coil domain-containing protein 13 isoform
>gi|1036850146|ref|XP_017139273.1| PREDICTED: coiled-coil domain-containing protein 13 isoform
>gi|1036814831|ref|XP_017137302.1| PREDICTED: POU domain, class 3, transcription factor 2 [Dros
>gi|1036814810|ref|XP_017137301.1| PREDICTED: LIM and SH3 domain protein Lasp isoform X4 [Dros
>gi|1036814792|ref|XP_017137300.1| PREDICTED: LIM and SH3 domain protein Lasp isoform X3 [Dros
>gi|1036814773|ref|XP_017137299.1| PREDICTED: LIM and SH3 domain protein Lasp isoform X2 [Dros
>gi|1036814754|ref|XP_017137298.1| PREDICTED: LIM and SH3 domain protein Lasp isoform X1 [Dros
>gi|1036810847|ref|XP_017137087.1| PREDICTED: protein disabled [Drosophila miranda]
>gi|1036810866|ref|XP 017137088.1| PREDICTED: uncharacterized protein LOC108152337 [Drosophila
>gi|1036768756|ref|XP_017134699.1| PREDICTED: cuticlin-2 [Drosophila miranda]
>gi|1036827652|ref|XP 017138016.1| PREDICTED: uncharacterized protein LOC108152888 [Drosophila
>gi|1036827633|ref|XP_017138015.1| PREDICTED: peptidoglycan-recognition protein SB2 [Drosophile
>gi|1036827614|ref|XP 017138014.1| PREDICTED: peptidoglycan-recognition protein SB1 [Drosophile
>gi|1036827595|ref|XP_017138013.1| PREDICTED: probable ATP-dependent RNA helicase Dbp73D [Dros
>gi|1036844534|ref|XP 017138964.1| PREDICTED: myrosinase 1 [Drosophila miranda]
>gi|1036789625|ref|XP_017135901.1| PREDICTED: neurotactin isoform X1 [Drosophila miranda]
>gi|1036789644|ref|XP_017135902.1| PREDICTED: neurotactin isoform X1 [Drosophila miranda]
>gi|1036789662|ref|XP_017135903.1| PREDICTED: neurotactin isoform X2 [Drosophila miranda]
>gi|1036789680|ref|XP_017135904.1| PREDICTED: E3 ubiquitin-protein ligase RFWD3 [Drosophila mi
>gi|1036789698|ref|XP_017135905.1| PREDICTED: cold shock domain-containing protein CG9705 [Dros
>gi|1036789716|ref|XP_017135906.1| PREDICTED: cold shock domain-containing protein CG9705 [Dros
>gi|1036789735|ref|XP_017135907.1| PREDICTED: cold shock domain-containing protein CG9705 [Dros
>gi|1036817427|ref|XP_017137448.1| PREDICTED: uncharacterized protein LOC108152547 [Drosophila
>gi|1036826463|ref|XP_017137946.1| PREDICTED: uncharacterized protein LOC108152846 isoform X1
>gi|1036826481|ref|XP_017137947.1| PREDICTED: uncharacterized protein LOC108152846 isoform X1
>gi|1036826552|ref|XP_017137951.1| PREDICTED: ephexin-1 isoform X3 [Drosophila miranda]
>gi|1036826570|ref|XP_017137952.1| PREDICTED: ephexin-1 isoform X4 [Drosophila miranda]
>gi|1036826497|ref|XP 017137948.1| PREDICTED: uncharacterized protein LOC108152846 isoform X2
>gi|1036826515|ref|XP_017137949.1| PREDICTED: uncharacterized protein LOC108152846 isoform X2
>gi|1036826534|ref|XP 017137950.1| PREDICTED: uncharacterized protein LOC108152846 isoform X2
>gi|1036807866|ref|XP_017136924.1| PREDICTED: 2-oxoglutarate dehydrogenase, mitochondrial isof
>gi|1036807788|ref|XP_017136920.1| PREDICTED: 2-oxoglutarate dehydrogenase-like, mitochondrial
>gi|1036807847|ref|XP_017136923.1| PREDICTED: 2-oxoglutarate dehydrogenase, mitochondrial isof
>gi|1036807807|ref|XP_017136921.1| PREDICTED: 2-oxoglutarate dehydrogenase-like, mitochondrial
>gi|1036807828|ref|XP_017136922.1| PREDICTED: 2-oxoglutarate dehydrogenase-like, mitochondrial
>gi|1036761493|ref|XP_017156962.1| PREDICTED: general odorant-binding protein 70 [Drosophila m
>gi|1036807885|ref|XP_017136925.1| PREDICTED: fibroin heavy chain isoform X1 [Drosophila mirane
>gi|1036807907|ref|XP_017136926.1| PREDICTED: keratin, type I cytoskeletal 9 isoform X2 [Droso
>gi|1036761512|ref|XP_017156963.1| PREDICTED: uncharacterized protein LOC108165435 [Drosophila
>gi|1036848014|ref|XP_017139148.1| PREDICTED: uncharacterized protein LOC108153578 isoform X2
>gi|1036848033|ref|XP_017139149.1| PREDICTED: uncharacterized protein LOC108153578 isoform X3
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>gi|1036847997|ref|XP_017139147.1| PREDICTED: uncharacterized protein LOC108153578 isoform X1
>gi|1036764820|ref|XP_017157138.1| PREDICTED: protein app1 [Drosophila miranda]
>gi|1036767699|ref|XP_017134641.1| PREDICTED: uncharacterized protein LOC108150848 [Drosophila
>gi|1036804065|ref|XP_017136714.1| PREDICTED: prickle-like protein 3 isoform X5 [Drosophila mi
>gi|1036804046|ref|XP 017136713.1| PREDICTED: four and a half LIM domains protein 2 isoform X4
>gi|1036804083|ref|XP_017136715.1| PREDICTED: prickle-like protein 3 isoform X6 [Drosophila mi
>gi|1036804011|ref|XP 017136710.1| PREDICTED: trichohyalin isoform X2 [Drosophila miranda]
>gi|1036804105|ref|XP_017136716.1| PREDICTED: four and a half LIM domains protein 2 isoform X7
>gi|1036804122|ref|XP 017136717.1| PREDICTED: four and a half LIM domains protein 2 isoform X8
>gi|1036804029|ref|XP_017136711.1| PREDICTED: trichohyalin isoform X3 [Drosophila miranda]
>gi|1036803992|ref|XP_017136709.1| PREDICTED: trichohyalin isoform X1 [Drosophila miranda]
>gi|1036804141|ref|XP_017136718.1| PREDICTED: peptidyl-prolyl cis-trans isomerase CYP95 [Droso
>gi|1036840242|ref|XP_017138731.1| PREDICTED: coiled-coil domain-containing protein 22 homolog
>gi|1036787262|ref|XP_017135764.1| PREDICTED: opsin Rh4 [Drosophila miranda]
>gi|1036787297|ref|XP_017135765.1| PREDICTED: probable E3 ubiquitin-protein ligase sinah [Dros
>gi|1036787318|ref|XP_017135767.1| PREDICTED: E3 ubiquitin-protein ligase sina [Drosophila mir
>gi|1036787337|ref|XP_017135768.1| PREDICTED: E3 ubiquitin-protein ligase sina [Drosophila mire
>gi|1036761531|ref|XP_017156964.1| PREDICTED: uncharacterized protein LOC108165436 [Drosophila
>gi|1036787353|ref|XP_017135769.1| PREDICTED: uncharacterized protein LOC108151600 [Drosophila
>gi|1036802830|ref|XP 017136643.1| PREDICTED: transmembrane protein 258 homolog [Drosophila mi
>gi|1036802792|ref|XP_017136641.1| PREDICTED: tumor susceptibility gene 101 protein isoform X1
>gi|1036802811|ref|XP_017136642.1| PREDICTED: tumor susceptibility gene 101 protein isoform X2
>gi|1036802866|ref|XP_017136646.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 6
>gi|1036802848|ref|XP_017136645.1| PREDICTED: tyrosine-protein phosphatase non-receptor type 6
>gi|1036838660|ref|XP_017138646.1| PREDICTED: uncharacterized protein LOC108153285 [Drosophila
>gi|1036838641|ref|XP_017138645.1| PREDICTED: rhythmically expressed gene 2 protein [Drosophile
>gi|1036800197|ref|XP_017136496.1| PREDICTED: UDP-glucose 4-epimerase [Drosophila miranda]
>gi|1036800216|ref|XP_017136497.1| PREDICTED: UDP-glucose 4-epimerase [Drosophila miranda]
>gi|1036800253|ref|XP_017136499.1| PREDICTED: uncharacterized protein C45G9.7 [Drosophila mirated]
>gi|1036800235|ref|XP_017136498.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036800178|ref|XP_017136495.1| PREDICTED: DNA repair protein REV1 [Drosophila miranda]
>gi|1036834067|ref|XP_017138372.1| PREDICTED: uncharacterized protein LOC108153099 [Drosophila
>gi|1036842235|ref|XP 017138837.1| PREDICTED: uncharacterized protein LOC108153377 [Drosophila
>gi|1036842254|ref|XP_017138838.1| PREDICTED: uncharacterized protein LOC108153377 [Drosophila
>gi|1036836483|ref|XP 017138512.1| PREDICTED: uncharacterized protein LOC108153202 [Drosophila
>gi|1036809010|ref|XP_017136986.1| PREDICTED: retinoid-inducible serine carboxypeptidase [Dros
>gi|1036809028|ref|XP 017136987.1| PREDICTED: retinoid-inducible serine carboxypeptidase [Dros
>gi|1036809064|ref|XP_017136989.1| PREDICTED: ras-related protein Rab-14 [Drosophila miranda]
>gi|1036809046|ref|XP_017136988.1| PREDICTED: vesicle transport through interaction with t-SNA
>gi|1036808993|ref|XP_017136985.1| PREDICTED: LOW QUALITY PROTEIN: mediator of RNA polymerase
>gi|1036832798|ref|XP_017138308.1| PREDICTED: uncharacterized protein LOC108153047 isoform X2
>gi|1036832720|ref|XP_017138304.1| PREDICTED: uncharacterized protein LOC108153047 isoform X1
>gi|1036832741|ref|XP_017138305.1| PREDICTED: uncharacterized protein LOC108153047 isoform X1
>gi|1036832760|ref|XP_017138306.1| PREDICTED: uncharacterized protein LOC108153047 isoform X1
>gi|1036832779|ref|XP_017138307.1| PREDICTED: uncharacterized protein LOC108153047 isoform X1
>gi|1036851636|ref|XP_017139360.1| PREDICTED: cuticle protein 16.5-like [Drosophila miranda]
>gi|1036851656|ref|XP_017139361.1| PREDICTED: cuticle protein 38-like [Drosophila miranda]
>gi|1036851420|ref|XP_017139347.1| PREDICTED: cuticle protein 38-like [Drosophila miranda]
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>gi|1036851402|ref|XP_017139345.1| PREDICTED: cuticle protein 16.5-like [Drosophila miranda]
>gi|1036816806|ref|XP_017137415.1| PREDICTED: histone-lysine N-methyltransferase 2D [Drosophile]
>gi|1036816825|ref|XP_017137416.1| PREDICTED: protein extra-macrochaetae [Drosophila miranda]
>gi|1036798180|ref|XP_017136382.1| PREDICTED: splicing factor 3B subunit 3 isoform X1 [Drosoph
>gi|1036798199|ref|XP_017136383.1| PREDICTED: splicing factor 3B subunit 3 isoform X2 [Drosoph
>gi|1036798218|ref|XP_017136384.1| PREDICTED: splicing factor 3B subunit 3 isoform X3 [Drosoph
>gi|1036798253|ref|XP 017136386.1| PREDICTED: uncharacterized protein LOC108151958 [Drosophila
>gi|1036798235|ref|XP_017136385.1| PREDICTED: kidney mitochondrial carrier protein 1 [Drosophi
>gi|1036765762|ref|XP_017134538.1| PREDICTED: vacuole membrane protein 1 [Drosophila miranda]
>gi|1036826695|ref|XP_017137960.1| PREDICTED: uncharacterized protein LOC108152853 [Drosophila
>gi|1036826711|ref|XP_017137961.1| PREDICTED: uncharacterized protein LOC108152853 [Drosophila
>gi|1036826729|ref|XP_017137962.1| PREDICTED: ubiquitin-conjugating enzyme E2-22 kDa-like [Dros
>gi|1036826660|ref|XP_017137957.1| PREDICTED: gustatory receptor 68a [Drosophila miranda]
>gi|1036826677|ref|XP_017137959.1| PREDICTED: gustatory receptor 68a [Drosophila miranda]
>gi|1036761550|ref|XP_017156965.1| PREDICTED: LOW QUALITY PROTEIN: 2-oxoglutarate dehydrogenas
>gi|1036767830|ref|XP_017134648.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1036807170|ref|XP_017136886.1| PREDICTED: phosphatidylinositol 4-phosphate 3-kinase C2 dom
>gi|1036807187|ref|XP_017136887.1| PREDICTED: phosphatidylinositol 4-phosphate 3-kinase C2 dom
>gi|1036807206|ref|XP_017136888.1| PREDICTED: phosphatidylinositol 4-phosphate 3-kinase C2 dom
>gi|1036807244|ref|XP 017136891.1| PREDICTED: uncharacterized protein LOC108152221 [Drosophila
>gi|1036807225|ref|XP_017136889.1| PREDICTED: uncharacterized protein LOC108152220 isoform X2
>gi|1036782214|ref|XP 017135475.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1036782252|ref|XP_017135478.1| PREDICTED: peptidyl-prolyl cis-trans isomerase CWC27 homology
>gi|1036782232|ref|XP_017135476.1| PREDICTED: kinesin-like protein Klp68D [Drosophila miranda]
>gi|1036782288|ref|XP_017135480.1| PREDICTED: 2-amino-3-ketobutyrate coenzyme A ligase, mitoch
>gi|1036782175|ref|XP_017135473.1| PREDICTED: cubilin homolog isoform X1 [Drosophila miranda]
>gi|1036782196|ref|XP_017135474.1| PREDICTED: cubilin homolog isoform X2 [Drosophila miranda]
>gi|1036782305|ref|XP_017135481.1| PREDICTED: uncharacterized protein LOC108151404 [Drosophila
>gi|1036782270|ref|XP_017135479.1| PREDICTED: uncharacterized protein LOC108151402 [Drosophila
>gi|1036782324|ref|XP_017135482.1| PREDICTED: 60S ribosomal protein L10a-2 [Drosophila miranda]
>gi|1036793404|ref|XP_017136111.1| PREDICTED: uncharacterized protein LOC108151779 [Drosophila
>gi|1036793465|ref|XP_017136115.1| PREDICTED: NADH-cytochrome b5 reductase 3 isoform X1 [Droso
>gi|1036793484|ref|XP 017136116.1| PREDICTED: NADH-cytochrome b5 reductase 3 isoform X2 [Droso
>gi|1036793423|ref|XP_017136112.1| PREDICTED: G2/mitotic-specific cyclin-A [Drosophila miranda]
>gi|1036793446|ref|XP 017136114.1| PREDICTED: RIB43A-like with coiled-coils protein 2 [Drosoph
>gi|1036843187|ref|XP_017138889.1| PREDICTED: alpha-ketoglutarate-dependent dioxygenase alkB h
>gi|1036843262|ref|XP 017138893.1| PREDICTED: BPTI/Kunitz domain-containing protein-like [Dros
>gi|1036843223|ref|XP_017138891.1| PREDICTED: uncharacterized protein LOC108153408 isoform X1
>gi|1036843241|ref|XP_017138892.1| PREDICTED: BPTI/Kunitz domain-containing protein-like isofo
>gi|1036843206|ref|XP_017138890.1| PREDICTED: kunitz-type serine protease inhibitor NACI [Dros
>gi|1036761570|ref|XP_017156966.1| PREDICTED: palmitoleoyl-protein carboxylesterase NOTUM [Dros
>gi|1036808506|ref|XP_017136961.1| PREDICTED: uncharacterized protein LOC108152263 isoform X1
>gi|1036808524|ref|XP_017136962.1| PREDICTED: uncharacterized protein LOC108152263 isoform X1
>gi|1036808542|ref|XP_017136963.1| PREDICTED: uncharacterized protein LOC108152263 isoform X1
>gi|1036808560|ref|XP_017136964.1| PREDICTED: uncharacterized protein LOC108152263 isoform X1
>gi|1036808579|ref|XP_017136965.1| PREDICTED: uncharacterized protein LOC108152263 isoform X1
>gi|1036808618|ref|XP_017136967.1| PREDICTED: uncharacterized protein LOC108152263 isoform X3
>gi|1036808599|ref|XP_017136966.1| PREDICTED: probable RNA-binding protein orb2 isoform X2 [Dropout National Content of the Co
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>gi|1036808636|ref|XP_017136968.1| PREDICTED: gram-negative bacteria-binding protein 3 [Drosop
>gi|1036793983|ref|XP_017136142.1| PREDICTED: 50S ribosomal protein L7/L12 [Drosophila miranda]
>gi|1036793945|ref|XP_017136140.1| PREDICTED: uncharacterized protein LOC108151800 [Drosophila
>gi|1036793925|ref|XP_017136139.1| PREDICTED: valine--tRNA ligase, mitochondrial [Drosophila m
>gi|1036793887|ref|XP 017136137.1| PREDICTED: coatomer subunit alpha [Drosophila miranda]
>gi|1036793906|ref|XP_017136138.1| PREDICTED: coatomer subunit alpha [Drosophila miranda]
>gi|1036793964|ref|XP 017136141.1| PREDICTED: protein big brother [Drosophila miranda]
>gi|1036831812|ref|XP_017138253.1| PREDICTED: methyltransferase-like protein isoform X2 [Droso
>gi|1036831793|ref|XP_017138252.1| PREDICTED: methyltransferase-like protein isoform X1 [Droso
>gi|1036831846|ref|XP_017138256.1| PREDICTED: vesicle-associated membrane protein 2 isoform X2
>gi|1036831865|ref|XP_017138257.1| PREDICTED: vesicle-associated membrane protein 2 isoform X3
>gi|1036831829|ref|XP_017138255.1| PREDICTED: vesicle-associated membrane protein 2 isoform X1
>gi|1036831901|ref|XP_017138258.1| PREDICTED: vesicle-associated membrane protein 2 isoform X4
>gi|1036793173|ref|XP_017136101.1| PREDICTED: uncharacterized protein LOC108151768 [Drosophila
>gi|1036793062|ref|XP_017136095.1| PREDICTED: vitamin K-dependent gamma-carboxylase isoform X1
>gi|1036793079|ref|XP_017136096.1| PREDICTED: vitamin K-dependent gamma-carboxylase isoform X2
>gi|1036793043|ref|XP_017136094.1| PREDICTED: ATP-binding cassette sub-family B member 7, mito-
>gi|1036793025|ref|XP_017136093.1| PREDICTED: ATP-binding cassette sub-family B member 7, mito-
>gi|1036793154|ref|XP_017136100.1| PREDICTED: SET domain-containing protein 4 [Drosophila mirated]
>gi|1036793191|ref|XP 017136102.1| PREDICTED: protein OPI10 homolog [Drosophila miranda]
>gi|1036793006|ref|XP_017136092.1| PREDICTED: 2-oxoglutarate dehydrogenase, mitochondrial [Dros
>gi|1036792988|ref|XP 017136091.1| PREDICTED: uncharacterized protein LOC108151760 [Drosophila
>gi|1036793118|ref|XP_017136098.1| PREDICTED: uncharacterized protein LOC108151765 isoform X2
>gi|1036793099|ref|XP_017136097.1| PREDICTED: uncharacterized protein LOC108151765 isoform X1
>gi|1036793135|ref|XP_017136099.1| PREDICTED: uncharacterized protein LOC108151765 isoform X3
>gi|1036795601|ref|XP_017136237.1| PREDICTED: TOX high mobility group box family member 4-like
>gi|1036761589|ref|XP_017156967.1| PREDICTED: TOX high mobility group box family member 4-like
>gi|1036795513|ref|XP_017136232.1| PREDICTED: uncharacterized protein LOC108151859 [Drosophila
>gi|1036795531|ref|XP_017136233.1| PREDICTED: uncharacterized protein LOC108151859 [Drosophila
>gi|1036795550|ref|XP_017136234.1| PREDICTED: uncharacterized protein LOC108151859 [Drosophila
>gi|1036795566|ref|XP_017136235.1| PREDICTED: uncharacterized protein LOC108151859 [Drosophila
>gi|1036795584|ref|XP_017136236.1| PREDICTED: uncharacterized protein LOC108151859 [Drosophila
>gi|1036851274|ref|XP_017139338.1| PREDICTED: uncharacterized protein LOC108153721 isoform X1
>gi|1036851292|ref|XP_017139339.1| PREDICTED: ninjurin-2 isoform X2 [Drosophila miranda]
>gi|1036837030|ref|XP 017138544.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 alpha subcomple
>gi|1036837049|ref|XP_017138545.1| PREDICTED: uncharacterized protein LOC108153226 [Drosophila
>gi|1036837011|ref|XP 017138543.1| PREDICTED: guanylate kinase [Drosophila miranda]
>gi|1036761608|ref|XP_017156968.1| PREDICTED: LOW QUALITY PROTEIN: DNA polymerase delta small
>gi|1036842162|ref|XP_017138832.1| PREDICTED: WD repeat-containing protein 35 isoform X2 [Dros
>gi|1036842144|ref|XP_017138831.1| PREDICTED: WD repeat-containing protein 35 isoform X1 [Dros
>gi|1036851364|ref|XP_017139343.1| PREDICTED: uncharacterized protein At4g17910 isoform X1 [Dreflete | National Content | Natio
>gi|1036851383|ref|XP_017139344.1| PREDICTED: uncharacterized protein At4g17910 isoform X2 [Dref|XP_017139344.1]
>gi|1036835025|ref|XP_017138425.1| PREDICTED: glycerol kinase [Drosophila miranda]
>gi|1036835043|ref|XP_017138427.1| PREDICTED: glycerol kinase [Drosophila miranda]
>gi|1036817538|ref|XP_017137455.1| PREDICTED: uncharacterized protein LOC108152552 isoform X1
>gi|1036817559|ref|XP_017137456.1| PREDICTED: uncharacterized protein LOC108152552 isoform X2
>gi|1036817578|ref|XP_017137457.1| PREDICTED: uncharacterized protein LOC108152552 isoform X3
>gi|1036817597|ref|XP_017137458.1| PREDICTED: uncharacterized protein LOC108152552 isoform X4
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>gi|1036817615|ref|XP_017137459.1| PREDICTED: probable chitinase 2 isoform X1 [Drosophila mirated
>gi|1036817635|ref|XP_017137460.1| PREDICTED: probable chitinase 2 isoform X2 [Drosophila mirated
>gi|1036817655|ref|XP_017137462.1| PREDICTED: probable chitinase 2 isoform X2 [Drosophila mirated
>gi|1036813090|ref|XP_017137202.1| PREDICTED: membrane-associated protein Hem [Drosophila mirated]
>gi|1036813184|ref|XP 017137207.1| PREDICTED: SRSF protein kinase 3 isoform X5 [Drosophila mire
>gi|1036813145|ref|XP_017137205.1| PREDICTED: SRSF protein kinase 1 isoform X3 [Drosophila mire
>gi|1036813166|ref|XP 017137206.1| PREDICTED: SRSF protein kinase 3 isoform X4 [Drosophila mire
>gi|1036813126|ref|XP_017137204.1| PREDICTED: SRSF protein kinase 1 isoform X2 [Drosophila mire
>gi|1036813108|ref|XP_017137203.1| PREDICTED: SRSF protein kinase 1 isoform X1 [Drosophila mire
>gi|1036823186|ref|XP_017137764.1| PREDICTED: dnaJ homolog subfamily C member 5 homolog isoform
>gi|1036823168|ref|XP_017137763.1| PREDICTED: dnaJ homolog subfamily C member 5 homolog isoform
>gi|1036837740|ref|XP 017138588.1| PREDICTED: pancreatic lipase-related protein 3 [Drosophila 1
>gi|1036837646|ref|XP_017138582.1| PREDICTED: speract receptor isoform X1 [Drosophila miranda]
>gi|1036837683|ref|XP_017138584.1| PREDICTED: speract receptor isoform X3 [Drosophila miranda]
>gi|1036837664|ref|XP_017138583.1| PREDICTED: speract receptor isoform X2 [Drosophila miranda]
>gi|1036837702|ref|XP_017138585.1| PREDICTED: speract receptor isoform X4 [Drosophila miranda]
>gi|1036845743|ref|XP_017139018.1| PREDICTED: uncharacterized protein LOC108153488 isoform X2
>gi|1036845724|ref|XP_017139017.1| PREDICTED: uncharacterized protein LOC108153488 isoform X1
>gi|1036818834|ref|XP 017137530.1| PREDICTED: BAG domain-containing protein Samui isoform X1 [
>gi|1036818873|ref|XP_017137532.1| PREDICTED: BAG domain-containing protein Samui isoform X3 [
>gi|1036818854|ref|XP 017137531.1| PREDICTED: BAG domain-containing protein Samui isoform X2 [
>gi|1036818892|ref|XP_017137533.1| PREDICTED: BAG domain-containing protein Samui isoform X4 [
>gi|1036818913|ref|XP_017137534.1| PREDICTED: BAG domain-containing protein Samui isoform X5 [
>gi|1036818931|ref|XP_017137535.1| PREDICTED: BAG domain-containing protein Samui isoform X5 [
>gi|1036818951|ref|XP_017137536.1| PREDICTED: drebrin-like protein [Drosophila miranda]
>gi|1036785030|ref|XP_017135640.1| PREDICTED: protein suppressor of hairy wing [Drosophila mire
>gi|1036785012|ref|XP_017135639.1| PREDICTED: protein-cysteine N-palmitoyltransferase Rasp [Dref|XP_017135639.1]
>gi|1036784993|ref|XP_017135638.1| PREDICTED: uncharacterized protein LOC108151504 [Drosophila
>gi|1036785049|ref|XP_017135641.1| PREDICTED: NADH dehydrogenase [ubiquinone] iron-sulfur protestions are suppressed in the control of the co
>gi|1036784938|ref|XP_017135634.1| PREDICTED: histone-lysine N-methyltransferase 2D isoform X1
>gi|1036784974|ref|XP_017135636.1| PREDICTED: longitudinals lacking protein, isoforms A/B/D/L
>gi|1036784956|ref|XP 017135635.1| PREDICTED: longitudinals lacking protein, isoforms A/B/D/L
>gi|1036792881|ref|XP_017136085.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 5 [Drosoph
>gi|1036792899|ref|XP 017136086.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 5 [Drosoph
>gi|1036792917|ref|XP_017136087.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 5 [Drosoph
>gi|1036792971|ref|XP 017136090.1| PREDICTED: alpha-1,3/1,6-mannosyltransferase ALG2 [Drosophi
>gi|1036792953|ref|XP_017136089.1| PREDICTED: hippocampus abundant transcript 1 protein isoform
>gi|1036792934|ref|XP_017136088.1| PREDICTED: hippocampus abundant transcript 1 protein isoform
>gi|1036847642|ref|XP_017139126.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1036805614|ref|XP_017136802.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1036805633|ref|XP_017136803.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1036805652|ref|XP_017136804.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1036805689|ref|XP_017136806.1| PREDICTED: prominin-like protein isoform X3 [Drosophila mire
>gi|1036805670|ref|XP_017136805.1| PREDICTED: prominin-like protein isoform X2 [Drosophila mire
>gi|1036805708|ref|XP_017136807.1| PREDICTED: prominin-like protein isoform X4 [Drosophila mire
>gi|1036805727|ref|XP_017136809.1| PREDICTED: prominin-like protein isoform X5 [Drosophila mire
>gi|1036845685|ref|XP_017139015.1| PREDICTED: probable chitinase 3 [Drosophila miranda]
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>gi|1036840034|ref|XP_017138719.1| PREDICTED: prominin-like protein isoform X1 [Drosophila mire
>gi|1036840051|ref|XP_017138720.1| PREDICTED: prominin-like protein isoform X2 [Drosophila mire
>gi|1036811818|ref|XP_017137139.1| PREDICTED: PAB-dependent poly(A)-specific ribonuclease subu
>gi|1036811799|ref|XP_017137138.1| PREDICTED: PAB-dependent poly(A)-specific ribonuclease subu
>gi|1036811780|ref|XP 017137137.1| PREDICTED: PAB-dependent poly(A)-specific ribonuclease subu
>gi|1036811837|ref|XP_017137140.1| PREDICTED: PAB-dependent poly(A)-specific ribonuclease subu
>gi|1036780403|ref|XP 017135371.1| PREDICTED: cysteine and histidine-rich protein 1 homolog [Di
>gi|1036780442|ref|XP_017135373.1| PREDICTED: protein FAM207A [Drosophila miranda]
>gi|1036780365|ref|XP_017135368.1| PREDICTED: cyclin-dependent kinase 8 [Drosophila miranda]
>gi|1036780330|ref|XP_017135367.1| PREDICTED: putative glycerol kinase 5 [Drosophila miranda]
>gi|1036780422|ref|XP_017135372.1| PREDICTED: CRAL-TRIO domain-containing protein C3H8.02 [Dros
>gi|1036780296|ref|XP 017135365.1| PREDICTED: sphingosine kinase 2 [Drosophila miranda]
>gi|1036780311|ref|XP_017135366.1| PREDICTED: dnaJ homolog subfamily C member 2 [Drosophila mi
>gi|1036780384|ref|XP_017135369.1| PREDICTED: islet cell autoantigen 1 [Drosophila miranda]
>gi|1036823112|ref|XP_017137759.1| PREDICTED: uncharacterized protein LOC108152730 [Drosophila
>gi|1036823129|ref|XP_017137760.1| PREDICTED: uncharacterized protein LOC108152730 [Drosophila
>gi|1036823147|ref|XP_017137761.1| PREDICTED: uncharacterized protein LOC108152731 [Drosophila
>gi|1036822457|ref|XP_017137721.1| PREDICTED: dnaJ protein homolog 1-like isoform X1 [Drosophi
>gi|1036822476|ref|XP_017137722.1| PREDICTED: dnaJ protein homolog 1-like isoform X2 [Drosophi
>gi|1036822497|ref|XP 017137724.1| PREDICTED: LOW QUALITY PROTEIN: dnaJ protein homolog 1-like
>gi|1036761627|ref|XP_017156969.1| PREDICTED: enhancer of rudimentary homolog [Drosophila mirated]
>gi|1036845556|ref|XP 017139007.1| PREDICTED: uncharacterized protein LOC108153479 [Drosophila
>gi|1036845575|ref|XP_017139008.1| PREDICTED: uncharacterized protein LOC108153479 [Drosophila
>gi|1036764858|ref|XP_017157140.1| PREDICTED: phosphoglycolate phosphatase 2 [Drosophila miran
>gi|1036848219|ref|XP_017139158.1| PREDICTED: glycerol-3-phosphate phosphatase [Drosophila mire
>gi|1036848200|ref|XP_017139157.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1036850267|ref|XP_017139279.1| PREDICTED: FMRFamide receptor [Drosophila miranda]
>gi|1036822696|ref|XP_017137735.1| PREDICTED: carnitine O-palmitoyltransferase 2, mitochondria
>gi|1036822773|ref|XP_017137739.1| PREDICTED: odorant receptor 63a [Drosophila miranda]
>gi|1036822538|ref|XP_017137726.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822519|ref|XP_017137725.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822673|ref|XP_017137734.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822654|ref|XP 017137732.1| PREDICTED: uncharacterized protein LOC108152711 isoform X8
>gi|1036822635|ref|XP_017137731.1| PREDICTED: uncharacterized protein LOC108152711 isoform X7
>gi|1036822595|ref|XP_017137729.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822614|ref|XP_017137730.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822576|ref|XP_017137728.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822557|ref|XP_017137727.1| PREDICTED: potassium voltage-gated channel protein Shab iso
>gi|1036822715|ref|XP_017137736.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036761646|ref|XP_017156970.1| PREDICTED: uncharacterized protein LOC108165443 [Drosophila
>gi|1036822734|ref|XP_017137737.1| PREDICTED: uncharacterized protein LOC108152714 [Drosophila
>gi|1036822754|ref|XP_017137738.1| PREDICTED: uncharacterized protein LOC108152714 [Drosophila
>gi|1036786583|ref|XP 017135729.1| PREDICTED: LOW QUALITY PROTEIN: DNA N6-methyl adenine demet
>gi|1036818382|ref|XP_017137503.1| PREDICTED: N-acetylgalactosaminyltransferase 6 [Drosophila 1
>gi|1036818400|ref|XP_017137504.1| PREDICTED: 28S ribosomal protein S35, mitochondrial [Drosop
>gi|1036809104|ref|XP_017136992.1| PREDICTED: pyridoxal kinase [Drosophila miranda]
>gi|1036809143|ref|XP_017136994.1| PREDICTED: uncharacterized protein LOC108152287 [Drosophila
>gi|1036809083|ref|XP_017136990.1| PREDICTED: kinesin-like protein KIF18A [Drosophila miranda]
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>gi|1036809123|ref|XP_017136993.1| PREDICTED: ribosome-recycling factor, mitochondrial [Drosop
>gi|1036831095|ref|XP_017138214.1| PREDICTED: protein FAM76A isoform X1 [Drosophila miranda]
>gi|1036831115|ref|XP 017138215.1| PREDICTED: uncharacterized protein LOC108152991 isoform X2
>gi|1036831151|ref|XP_017138217.1| PREDICTED: adrenodoxin-like protein, mitochondrial [Drosoph
>gi|1036831133|ref|XP 017138216.1| PREDICTED: heat shock protein 67B3 [Drosophila miranda]
>gi|1036845134|ref|XP_017138990.1| PREDICTED: heat shock protein 67B2 [Drosophila miranda]
>gi|1036845153|ref|XP 017138991.1| PREDICTED: heat shock protein 22 [Drosophila miranda]
>gi|1036832955|ref|XP_017138317.1| PREDICTED: heat shock protein 27 [Drosophila miranda]
>gi|1036832938|ref|XP_017138316.1| PREDICTED: heat shock protein 26 [Drosophila miranda]
>gi|1036832919|ref|XP_017138314.1| PREDICTED: uncharacterized protein LOC108153054 [Drosophila
>gi|1036845613|ref|XP_017139010.1| PREDICTED: heat shock protein 23 [Drosophila miranda]
>gi|1036816787|ref|XP_017137414.1| PREDICTED: LOW QUALITY PROTEIN: heat shock protein 27 [Dros
>gi|1036816764|ref|XP_017137413.1| PREDICTED: uncharacterized protein LOC108152523 [Drosophila
>gi|1036831436|ref|XP_017138233.1| PREDICTED: 40S ribosomal protein S17 [Drosophila miranda]
>gi|1036831417|ref|XP_017138232.1| PREDICTED: SHC-transforming protein 2 [Drosophila miranda]
>gi|1036798693|ref|XP_017136412.1| PREDICTED: phosphoserine phosphatase [Drosophila miranda]
>gi|1036798565|ref|XP_017136405.1| PREDICTED: alpha-tubulin N-acetyltransferase 1 isoform X1 [
>gi|1036798600|ref|XP 017136406.1| PREDICTED: alpha-tubulin N-acetyltransferase 1 isoform X1 [
>gi|1036798619|ref|XP_017136407.1| PREDICTED: alpha-tubulin N-acetyltransferase 1 isoform X1 [
>gi|1036798637|ref|XP 017136408.1| PREDICTED: alpha-tubulin N-acetyltransferase 1 isoform X1 [
>gi|1036798655|ref|XP_017136409.1| PREDICTED: alpha-tubulin N-acetyltransferase 1 isoform X2 [
>gi|1036798674|ref|XP 017136410.1| PREDICTED: ataxin-2 homolog [Drosophila miranda]
>gi|1036798711|ref|XP_017136413.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036798730|ref|XP_017136414.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036818252|ref|XP_017137495.1| PREDICTED: uncharacterized protein LOC108152569 [Drosophila
>gi|1036818271|ref|XP_017137497.1| PREDICTED: uncharacterized protein LOC108152570 [Drosophila
>gi|1036764038|ref|XP_017157101.1| PREDICTED: sentrin-specific protease 1-like [Drosophila mire
>gi|1036761663|ref|XP_017156971.1| PREDICTED: NADH-quinone oxidoreductase subunit C-like, part
>gi|1036790531|ref|XP_017135951.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790550|ref|XP_017135952.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790569|ref|XP_017135953.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790640|ref|XP_017135957.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790657|ref|XP 017135958.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790676|ref|XP_017135959.1| PREDICTED: mitogen-activated protein kinase kinase kinase k
>gi|1036790588|ref|XP 017135954.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790769|ref|XP_017135964.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790695|ref|XP_017135960.1| PREDICTED: mitogen-activated protein kinase kinase k
>gi|1036790751|ref|XP_017135963.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790604|ref|XP_017135955.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X-
>gi|1036790622|ref|XP_017135956.1| PREDICTED: serine/threonine-protein kinase mig-15 isoform X
>gi|1036790714|ref|XP_017135961.1| PREDICTED: mitogen-activated protein kinase kinase k
>gi|1036790733|ref|XP_017135962.1| PREDICTED: misshapen-like kinase 1 isoform X11 [Drosophila 1
>gi|1036841577|ref|XP_017138808.1| PREDICTED: 60S ribosomal protein L8 [Drosophila miranda]
>gi|1036794021|ref|XP_017136147.1| PREDICTED: protein daughter of sevenless [Drosophila mirand
>gi|1036794054|ref|XP_017136149.1| PREDICTED: enkurin [Drosophila miranda]
>gi|1036794038|ref|XP 017136148.1| PREDICTED: uncharacterized protein LOC108151806 [Drosophila
>gi|1036794088|ref|XP_017136151.1| PREDICTED: acyl-coenzyme A thioesterase 13-like [Drosophila
>gi|1036794071|ref|XP_017136150.1| PREDICTED: acyl-coenzyme A thioesterase 13-like [Drosophila
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>gi|1036794105|ref|XP_017136152.1| PREDICTED: acyl-coenzyme A thioesterase 13 [Drosophila mirates
>gi|1036794123|ref|XP_017136153.1| PREDICTED: acyl-coenzyme A thioesterase 13 [Drosophila mirates
>gi|1036794002|ref|XP_017136143.1| PREDICTED: peroxidasin [Drosophila miranda]
>gi|1036804921|ref|XP_017136763.1| PREDICTED: uncharacterized protein KIAA1143 homolog [Drosop
>gi|1036804845|ref|XP 017136758.1| PREDICTED: uncharacterized protein LOC108152153 isoform X1
>gi|1036804864|ref|XP_017136759.1| PREDICTED: uncharacterized protein LOC108152153 isoform X1
>gi|1036804883|ref|XP 017136760.1| PREDICTED: uncharacterized protein LOC108152153 isoform X2
>gi|1036804902|ref|XP_017136762.1| PREDICTED: uncharacterized protein LOC108152154 [Drosophila
>gi|1036851963|ref|XP_017139382.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1036840015|ref|XP_017138718.1| PREDICTED: uncharacterized protein LOC108153317 [Drosophila
>gi|1036839981|ref|XP_017138715.1| PREDICTED: probable proline--tRNA ligase, mitochondrial iso
>gi|1036840000|ref|XP_017138716.1| PREDICTED: probable proline--tRNA ligase, mitochondrial iso
>gi|1036831265|ref|XP_017138224.1| PREDICTED: snurportin-1 [Drosophila miranda]
>gi|1036831244|ref|XP_017138223.1| PREDICTED: uncharacterized protein LOC108152996 [Drosophila
>gi|1036831284|ref|XP_017138225.1| PREDICTED: uncharacterized protein LOC108152998 [Drosophila
>gi|1036833786|ref|XP_017138354.1| PREDICTED: signal recognition particle 54 kDa protein [Dros
>gi|1036772751|ref|XP_017134926.1| PREDICTED: flap endonuclease GEN [Drosophila miranda]
>gi|1036772677|ref|XP_017134922.1| PREDICTED: alanine--tRNA ligase, mitochondrial [Drosophila 1
>gi|1036772789|ref|XP_017134928.1| PREDICTED: FIT family protein CG10671 [Drosophila miranda]
>gi|1036772849|ref|XP 017134930.1| PREDICTED: ganglioside-induced differentiation-associated page 2 page 2 page 2 page 2 page 3 page 2 
>gi|1036772868|ref|XP_017134932.1| PREDICTED: ganglioside-induced differentiation-associated page 2 
>gi|1036772828|ref|XP_017134929.1| PREDICTED: ganglioside-induced differentiation-associated page 2 
>gi|1036772887|ref|XP_017134933.1| PREDICTED: dehydrogenase/reductase SDR family member 4 [Dros
>gi|1036772937|ref|XP_017134936.1| PREDICTED: charged multivesicular body protein 2b-B [Drosop.
>gi|1036772920|ref|XP_017134935.1| PREDICTED: TP53-regulating kinase [Drosophila miranda]
>gi|1036772770|ref|XP_017134927.1| PREDICTED: pentatricopeptide repeat-containing protein 1, m
>gi|1036772954|ref|XP_017134937.1| PREDICTED: protein Asterix [Drosophila miranda]
>gi|1036772903|ref|XP_017134934.1| PREDICTED: ubiquitin thioesterase OTU1 [Drosophila miranda]
>gi|1036773045|ref|XP_017134941.1| PREDICTED: uncharacterized protein LOC108151073 [Drosophila
>gi|1036773020|ref|XP_017134940.1| PREDICTED: uncharacterized protein LOC108151072 [Drosophila
>gi|1036761681|ref|XP_017156972.1| PREDICTED: uncharacterized protein LOC108165445 [Drosophila
>gi|1036761700|ref|XP_017156973.1| PREDICTED: LOW QUALITY PROTEIN: myb-like protein AA [Drosop
>gi|1036772969|ref|XP_017134938.1| PREDICTED: uncharacterized protein LOC108151070 [Drosophila
>gi|1036772986|ref|XP_017134939.1| PREDICTED: uncharacterized protein LOC108151070 [Drosophila
>gi|1036772696|ref|XP 017134923.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1036772715|ref|XP_017134924.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1036772733|ref|XP 017134925.1| PREDICTED: proteoglycan 4 isoform X2 [Drosophila miranda]
>gi|1036772658|ref|XP_017134921.1| PREDICTED: helicase POLQ-like [Drosophila miranda]
>gi|1036792714|ref|XP_017136077.1| PREDICTED: protein IWS1 homolog A-like [Drosophila miranda]
>gi|1036792700|ref|XP_017136075.1| PREDICTED: uncharacterized ATP-dependent helicase C29A10.10
>gi|1036792733|ref|XP_017136078.1| PREDICTED: phosphatidate cytidylyltransferase, photoreceptor
>gi|1036827995|ref|XP_017138035.1| PREDICTED: SUMO-activating enzyme subunit 2 [Drosophila mire
>gi|1036799198|ref|XP_017136441.1| PREDICTED: uncharacterized protein LOC108151987 [Drosophila
>gi|1036799179|ref|XP_017136440.1| PREDICTED: 2-aminoethanethiol dioxygenase [Drosophila mirane
>gi|1036799161|ref|XP_017136439.1| PREDICTED: lariat debranching enzyme [Drosophila miranda]
>gi|1036799143|ref|XP_017136438.1| PREDICTED: importin-7 [Drosophila miranda]
>gi|1036812528|ref|XP_017137177.1| PREDICTED: actin-related protein 3 [Drosophila miranda]
>gi|1036812510|ref|XP_017137176.1| PREDICTED: transcription factor 25 [Drosophila miranda]
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>gi|1036818098|ref|XP_017137487.1| PREDICTED: DENN domain-containing protein 5B isoform X1 [Dref|XP_017137487.1| PREDICTED: DENN domain-containing protein 5B isoform X1 [Dref|XP_017137487.1]
>gi|1036818115|ref|XP_017137488.1| PREDICTED: DENN domain-containing protein 5B isoform X1 [Dref|XP_017137488.1]
>gi|1036818134|ref|XP_017137489.1| PREDICTED: DENN domain-containing protein 5B isoform X1 [Dref|XP_017137489.1]
>gi|1036818155|ref|XP_017137490.1| PREDICTED: DENN domain-containing protein 5B isoform X2 [Dr
>gi|1036837150|ref|XP 017138551.1| PREDICTED: protein phosphatase PTC7 homolog [Drosophila mire
>gi|1036779983|ref|XP_017135347.1| PREDICTED: DEP domain-containing protein 5 isoform X1 [Dros
>gi|1036780004|ref|XP_017135348.1| PREDICTED: DEP domain-containing protein 5 isoform X2 [Dros
>gi|1036780023|ref|XP_017135349.1| PREDICTED: DEP domain-containing protein 5 isoform X3 [Dros
>gi|1036780042|ref|XP_017135350.1| PREDICTED: DEP domain-containing protein 5 isoform X4 [Dros
>gi|1036780061|ref|XP_017135351.1| PREDICTED: DEP domain-containing protein 5 isoform X5 [Dros
>gi|1036780079|ref|XP_017135352.1| PREDICTED: DEP domain-containing protein 5 isoform X6 [Dros
>gi|1036780096|ref|XP 017135353.1| PREDICTED: DEP domain-containing protein 5 isoform X7 [Dros
>gi|1036780114|ref|XP_017135354.1| PREDICTED: DEP domain-containing protein 5 isoform X8 [Dros
>gi|1036780129|ref|XP_017135355.1| PREDICTED: DEP domain-containing protein 5 isoform X9 [Dros
>gi|1036780148|ref|XP_017135356.1| PREDICTED: DEP domain-containing protein 5 isoform X10 [Drop
>gi|1036780277|ref|XP_017135364.1| PREDICTED: uncharacterized protein LOC108151323 [Drosophila
>gi|1036780167|ref|XP_017135357.1| PREDICTED: puromycin-sensitive aminopeptidase isoform X1 [Di
>gi|1036780239|ref|XP 017135362.1| PREDICTED: puromycin-sensitive aminopeptidase isoform X3 [Di
>gi|1036780185|ref|XP_017135359.1| PREDICTED: puromycin-sensitive aminopeptidase isoform X2 [Di
>gi|1036780201|ref|XP_017135360.1| PREDICTED: puromycin-sensitive aminopeptidase isoform X2 [Di
>gi|1036780220|ref|XP_017135361.1| PREDICTED: puromycin-sensitive aminopeptidase isoform X2 [Di
>gi|1036780258|ref|XP 017135363.1| PREDICTED: protein cueball [Drosophila miranda]
>gi|1036836205|ref|XP_017138496.1| PREDICTED: uncharacterized protein LOC108153190 [Drosophila
>gi|1036761717|ref|XP_017156974.1| PREDICTED: protein TonB-like [Drosophila miranda]
>gi|1036838351|ref|XP_017138624.1| PREDICTED: protein trachealess-like [Drosophila miranda]
>gi|1036838239|ref|XP_017138618.1| PREDICTED: protein trachealess isoform X2 [Drosophila miran
>gi|1036838258|ref|XP 017138619.1| PREDICTED: protein trachealess isoform X3 [Drosophila mirane
>gi|1036838220|ref|XP_017138617.1| PREDICTED: protein trachealess isoform X1 [Drosophila miran-
>gi|1036838332|ref|XP_017138623.1| PREDICTED: protein trachealess isoform X7 [Drosophila miran
>gi|1036838296|ref|XP_017138621.1| PREDICTED: protein trachealess isoform X5 [Drosophila miran-
>gi|1036838313|ref|XP_017138622.1| PREDICTED: protein trachealess isoform X6 [Drosophila mirane
>gi|1036838277|ref|XP_017138620.1| PREDICTED: protein trachealess isoform X4 [Drosophila miran-
>gi|1036774020|ref|XP 017135001.1| PREDICTED: uncharacterized protein LOC108151110 isoform X2
>gi|1036774039|ref|XP_017135002.1| PREDICTED: uncharacterized protein LOC108151110 isoform X3
>gi|1036774001|ref|XP 017135000.1| PREDICTED: uncharacterized protein LOC108151110 isoform X1
>gi|1036774058|ref|XP_017135003.1| PREDICTED: uncharacterized protein LOC108151110 isoform X4
>gi|1036774077|ref|XP_017135004.1| PREDICTED: nuclear anchorage protein 1 isoform X5 [Drosophi
>gi|1036774114|ref|XP_017135006.1| PREDICTED: uncharacterized protein LOC108151112 [Drosophila
>gi|1036758187|ref|XP_017156762.1| PREDICTED: uncharacterized protein LOC108165234, partial [Di
>gi|1036774095|ref|XP_017135005.1| PREDICTED: uncharacterized protein LOC108151111 [Drosophila
>gi|1036842071|ref|XP_017138827.1| PREDICTED: uncharacterized protein C17orf59 homolog [Drosop
>gi|1036842090|ref|XP_017138828.1| PREDICTED: peptidyl-prolyl cis-trans isomerase-like 1 [Dros
>gi|1036847703|ref|XP_017139129.1| PREDICTED: BTB/POZ domain-containing adapter for CUL3-media
>gi|1036811761|ref|XP_017137136.1| PREDICTED: LOW QUALITY PROTEIN: homeodomain-interacting pro-
>gi|1036823205|ref|XP_017137765.1| PREDICTED: probable protein phosphatase 2C T23F11.1 [Drosop
>gi|1036838537|ref|XP_017138635.1| PREDICTED: probable protein phosphatase 2C T23F11.1 [Drosop
>gi|1036838518|ref|XP_017138634.1| PREDICTED: zinc finger protein 333 [Drosophila miranda]
>gi|1036807662|ref|XP_017136913.1| PREDICTED: mediator of RNA polymerase II transcription subu
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>gi|1036807681|ref|XP_017136914.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036807718|ref|XP_017136917.1| PREDICTED: SEC14-like protein 2 isoform X2 [Drosophila mirated
>gi|1036807699|ref|XP_017136916.1| PREDICTED: SEC14-like protein 2 isoform X1 [Drosophila mirates
>gi|1036852268|ref|XP_017139401.1| PREDICTED: protein rhomboid [Drosophila miranda]
>gi|1036852284|ref|XP 017139402.1| PREDICTED: protein rhomboid [Drosophila miranda]
>gi|1036852303|ref|XP_017139403.1| PREDICTED: protein rhomboid [Drosophila miranda]
>gi|1036761736|ref|XP 017156975.1| PREDICTED: DC-STAMP domain-containing protein 2 [Drosophila
>gi|1036851707|ref|XP_017139365.1| PREDICTED: uncharacterized protein LOC108153746 [Drosophila
>gi|1036851599|ref|XP_017139358.1| PREDICTED: alpha-(1,3)-fucosyltransferase C [Drosophila mire
>gi|1036850984|ref|XP_017139320.1| PREDICTED: cohesin subunit SA-1 [Drosophila miranda]
>gi|1036851001|ref|XP_017139321.1| PREDICTED: cohesin subunit SA-1 [Drosophila miranda]
>gi|1036841669|ref|XP_017138813.1| PREDICTED: protein rhomboid [Drosophila miranda]
>gi|1036767373|ref|XP_017134626.1| PREDICTED: N-alpha-acetyltransferase 30 [Drosophila miranda
>gi|1036829347|ref|XP_017138113.1| PREDICTED: protein rhomboid isoform X1 [Drosophila miranda]
>gi|1036829423|ref|XP_017138117.1| PREDICTED: protein rhomboid isoform X4 [Drosophila miranda]
>gi|1036829366|ref|XP_017138114.1| PREDICTED: protein rhomboid isoform X2 [Drosophila miranda]
>gi|1036829385|ref|XP_017138115.1| PREDICTED: protein rhomboid isoform X3 [Drosophila miranda]
>gi|1036829404|ref|XP_017138116.1| PREDICTED: protein rhomboid isoform X3 [Drosophila miranda]
>gi|1036831592|ref|XP_017138242.1| PREDICTED: protein zer-1 homolog isoform X2 [Drosophila mire
>gi|1036831533|ref|XP 017138239.1| PREDICTED: protein zer-1 homolog isoform X1 [Drosophila mire
>gi|1036831554|ref|XP_017138240.1| PREDICTED: protein zer-1 homolog isoform X1 [Drosophila mire
>gi|1036831573|ref|XP_017138241.1| PREDICTED: protein zer-1 homolog isoform X1 [Drosophila mire
>gi|1036825280|ref|XP_017137881.1| PREDICTED: poly(U)-binding-splicing factor half pint [Droso
>gi|1036791210|ref|XP_017135990.1| PREDICTED: cell division cycle 5-like protein [Drosophila m
>gi|1036791247|ref|XP_017135992.1| PREDICTED: RING-box protein 1B [Drosophila miranda]
>gi|1036791229|ref|XP_017135991.1| PREDICTED: uncharacterized protein LOC108151725 [Drosophila
>gi|1036791191|ref|XP_017135988.1| PREDICTED: bifunctional heparan sulfate N-deacetylase/N-sul
>gi|1036799780|ref|XP_017136473.1| PREDICTED: vacuolar protein sorting-associated protein 8 hor
>gi|1036799888|ref|XP_017136478.1| PREDICTED: BTB/POZ domain-containing protein 9-like [Drosop
>gi|1036799817|ref|XP_017136475.1| PREDICTED: uncharacterized protein C18orf8 isoform X2 [Dros
>gi|1036799835|ref|XP_017136476.1| PREDICTED: uncharacterized protein C18orf8 isoform X3 [Dros
>gi|1036799798|ref|XP_017136474.1| PREDICTED: uncharacterized protein C18orf8 isoform X1 [Dros
>gi|1036799853|ref|XP_017136477.1| PREDICTED: zinc finger protein 93 [Drosophila miranda]
>gi|1036805182|ref|XP_017136778.1| PREDICTED: zinc finger protein 253-like isoform X1 [Drosoph
>gi|1036805202|ref|XP_017136779.1| PREDICTED: zinc finger protein 675-like isoform X2 [Drosoph
>gi|1036805220|ref|XP_017136780.1| PREDICTED: uncharacterized protein LOC108152169 [Drosophila
>gi|1036805239|ref|XP_017136782.1| PREDICTED: ubiquitin-conjugating enzyme E2 D4-like [Drosoph
>gi|1036841716|ref|XP_017138817.1| PREDICTED: putative cyclin-dependent serine/threonine-prote
>gi|1036841731|ref|XP_017138818.1| PREDICTED: uncharacterized protein LOC108153362 [Drosophila
>gi|1036761754|ref|XP_017156976.1| PREDICTED: odorant receptor 65a-like [Drosophila miranda]
>gi|1036761770|ref|XP_017156977.1| PREDICTED: ubiquitin-conjugating enzyme E2 D4-like, partial
>gi|1036766030|ref|XP_017134553.1| PREDICTED: collagenase-like [Drosophila miranda]
>gi|1036761788|ref|XP_017156978.1| PREDICTED: uncharacterized protein LOC108165452 [Drosophila
>gi|1036761809|ref|XP_017156980.1| PREDICTED: protein phosphatase inhibitor 2-like [Drosophila
>gi|1036761827|ref|XP_017156981.1| PREDICTED: protein phosphatase inhibitor 2-like [Drosophila
>gi|1036847347|ref|XP_017139110.1| PREDICTED: protein phosphatase inhibitor 2-like isoform X3
>gi|1036847309|ref|XP_017139108.1| PREDICTED: protein phosphatase inhibitor 2-like isoform X1
>gi|1036847328|ref|XP_017139109.1| PREDICTED: protein phosphatase inhibitor 2-like isoform X2
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>gi|1036762929|ref|XP_017157042.1| PREDICTED: L-lactate dehydrogenase [Drosophila miranda]
>gi|1036762908|ref|XP_017157041.1| PREDICTED: phospholipase A1 member A [Drosophila miranda]
>gi|1036761847|ref|XP_017156982.1| PREDICTED: uncharacterized protein LOC108165455 [Drosophila
>gi|1036761865|ref|XP_017156983.1| PREDICTED: uncharacterized protein LOC108165456 [Drosophila
>gi|1036762659|ref|XP_017157026.1| PREDICTED: multidrug resistance protein homolog 65 [Drosoph
>gi|1036762640|ref|XP_017157025.1| PREDICTED: multidrug resistance protein homolog 65 [Drosoph
>gi|1036762995|ref|XP 017157046.1| PREDICTED: uncharacterized protein LOC108165499 [Drosophila
>gi|1036763012|ref|XP_017157047.1| PREDICTED: uncharacterized protein LOC108165500 [Drosophila
>gi|1036762956|ref|XP_017157043.1| PREDICTED: uncharacterized protein LOC108165497 [Drosophila
>gi|1036763031|ref|XP_017157048.1| PREDICTED: uncharacterized protein LOC108165501 [Drosophila
>gi|1036762574|ref|XP_017157021.1| PREDICTED: laminin subunit alpha [Drosophila miranda]
>gi|1036762676|ref|XP_017157027.1| PREDICTED: transportin-1 [Drosophila miranda]
>gi|1036762975|ref|XP_017157045.1| PREDICTED: splicing factor 3B subunit 6-like protein [Droso
>gi|1036762731|ref|XP_017157030.1| PREDICTED: zinc finger protein 879 isoform X2 [Drosophila m
>gi|1036762712|ref|XP_017157029.1| PREDICTED: zinc finger protein 708 isoform X1 [Drosophila m
>gi|1036762694|ref|XP_017157028.1| PREDICTED: zinc finger protein 668 [Drosophila miranda]
>gi|1036762750|ref|XP_017157031.1| PREDICTED: protein ERGIC-53 [Drosophila miranda]
>gi|1036762593|ref|XP 017157022.1| PREDICTED: talin-2 isoform X1 [Drosophila miranda]
>gi|1036762603|ref|XP_017157023.1| PREDICTED: talin-2 isoform X2 [Drosophila miranda]
>gi|1036762620|ref|XP_017157024.1| PREDICTED: ATP-dependent DNA helicase Q4 [Drosophila mirand
>gi|1036762789|ref|XP_017157034.1| PREDICTED: glycylpeptide N-tetradecanoyltransferase [Drosop
>gi|1036762804|ref|XP_017157035.1| PREDICTED: UDP-glucuronic acid decarboxylase 1 [Drosophila i
>gi|1036762773|ref|XP_017157033.1| PREDICTED: steroid hormone receptor ERR2 [Drosophila mirand
>gi|1036762827|ref|XP_017157036.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036762841|ref|XP_017157037.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036762875|ref|XP_017157039.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036762859|ref|XP_017157038.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036762890|ref|XP_017157040.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1036761883|ref|XP_017156984.1| PREDICTED: chaperone protein DnaJ, partial [Drosophila mirates]
>gi|1036815069|ref|XP_017137315.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1036815088|ref|XP_017137316.1| PREDICTED: nedd8-conjugating enzyme Ubc12 [Drosophila miran
>gi|1036839119|ref|XP_017138673.1| PREDICTED: probable deoxyhypusine synthase isoform X1 [Dros
>gi|1036839138|ref|XP 017138674.1| PREDICTED: probable deoxyhypusine synthase isoform X2 [Dros
>gi|1036849321|ref|XP_017139221.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1036763387|ref|XP 017157063.1| PREDICTED: uncharacterized protein LOC108165517 [Drosophila
>gi|1036850837|ref|XP_017139313.1| PREDICTED: uncharacterized protein LOC108153698 isoform X1
>gi|1036850856|ref|XP_017139314.1| PREDICTED: uncharacterized protein LOC108153698 isoform X2
>gi|1036766424|ref|XP_017134573.1| PREDICTED: uncharacterized protein LOC108150784 [Drosophila
>gi|1036850763|ref|XP_017139308.1| PREDICTED: pupal cuticle protein C1B [Drosophila miranda]
>gi|1036850782|ref|XP_017139309.1| PREDICTED: vitelline membrane protein Vm26Ab [Drosophila mi
>gi|1036850746|ref|XP_017139307.1| PREDICTED: eukaryotic translation initiation factor 4E [Dros
>gi|1036765435|ref|XP_017157170.1| PREDICTED: uncharacterized protein LOC108165606 [Drosophila
>gi|1036765453|ref|XP_017157171.1| PREDICTED: uncharacterized protein LOC108165606 [Drosophila
>gi|1036847439|ref|XP_017139116.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036847458|ref|XP_017139117.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036847476|ref|XP_017139118.1| PREDICTED: Down syndrome cell adhesion molecule-like protein
>gi|1036784789|ref|XP_017135625.1| PREDICTED: collagen type IV alpha-3-binding protein [Drosop
>gi|1036784805|ref|XP_017135626.1| PREDICTED: uncharacterized protein LOC108151498 [Drosophila
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>gi|1036784879|ref|XP_017135631.1| PREDICTED: ras-related protein Rab-43 isoform X1 [Drosophile
>gi|1036784898|ref|XP_017135632.1| PREDICTED: ras-related protein Rab-43 isoform X2 [Drosophile
>gi|1036784919|ref|XP_017135633.1| PREDICTED: ADP-ribosylation factor-like protein 5A [Drosoph
>gi|1036784772|ref|XP_017135624.1| PREDICTED: uncharacterized protein LOC108151495 [Drosophila
>gi|1036784823|ref|XP_017135627.1| PREDICTED: selenocysteine insertion sequence-binding protein
>gi|1036761902|ref|XP_017156985.1| PREDICTED: gustatory receptor for bitter taste 66a [Drosoph
>gi|1036784842|ref|XP 017135629.1| PREDICTED: bax inhibitor 1 isoform X1 [Drosophila miranda]
>gi|1036784861|ref|XP_017135630.1| PREDICTED: bax inhibitor 1 isoform X2 [Drosophila miranda]
>gi|1036823396|ref|XP_017137776.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036823377|ref|XP_017137775.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036823358|ref|XP_017137774.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036823337|ref|XP_017137773.1| PREDICTED: cleavage and polyadenylation specificity factor
>gi|1036848334|ref|XP_017139164.1| PREDICTED: alkaline phosphatase [Drosophila miranda]
>gi|1036838391|ref|XP_017138626.1| PREDICTED: syntaxin-7 [Drosophila miranda]
>gi|1036846454|ref|XP_017139058.1| PREDICTED: fork head domain-containing protein crocodile [Di
>gi|1036847123|ref|XP_017139097.1| PREDICTED: forkhead box protein biniou [Drosophila miranda]
>gi|1036761920|ref|XP_017156986.1| PREDICTED: keratin-associated protein 5-1-like [Drosophila in the contemp of the contemp of
>gi|1036764298|ref|XP_017157113.1| PREDICTED: sperm-specific protein Don juan [Drosophila mirates
>gi|1036764318|ref|XP_017157114.1| PREDICTED: sperm-specific protein Don juan [Drosophila mirated]
>gi|1036809371|ref|XP 017137004.1| PREDICTED: G protein alpha i subunit [Drosophila miranda]
>gi|1036809390|ref|XP_017137005.1| PREDICTED: uncharacterized protein LOC108152294 [Drosophila
>gi|1036809352|ref|XP_017137003.1| PREDICTED: putative serine protease F56F10.1 [Drosophila mi
>gi|1036809335|ref|XP_017137002.1| PREDICTED: cilia- and flagella-associated protein 52 [Droso
>gi|1036784699|ref|XP_017135620.1| PREDICTED: UDP-glucose 6-dehydrogenase [Drosophila miranda]
>gi|1036784717|ref|XP_017135621.1| PREDICTED: SURF1-like protein [Drosophila miranda]
>gi|1036784736|ref|XP_017135622.1| PREDICTED: ubiquinol-cytochrome-c reductase complex assemble
>gi|1036784753|ref|XP_017135623.1| PREDICTED: transcription factor Adf-1 [Drosophila miranda]
>gi|1036784680|ref|XP_017135619.1| PREDICTED: CLIP-associating protein [Drosophila miranda]
>gi|1036825221|ref|XP_017137877.1| PREDICTED: LOW QUALITY PROTEIN: asparagine synthetase B [gl
>gi|1036825240|ref|XP_017137878.1| PREDICTED: asparagine synthetase [glutamine-hydrolyzing] 2-
>gi|1036829537|ref|XP_017138121.1| PREDICTED: uncharacterized protein LOC108152938 [Drosophila
>gi|1036829476|ref|XP_017138118.1| PREDICTED: adenylate cyclase type 8 isoform X1 [Drosophila i
>gi|1036829497|ref|XP_017138119.1| PREDICTED: adenylate cyclase type 8 isoform X2 [Drosophila i
>gi|1036829516|ref|XP_017138120.1| PREDICTED: adenylate cyclase type 8 isoform X3 [Drosophila i
>gi|1036805107|ref|XP_017136773.1| PREDICTED: GTPase-activating protein isoform X1 [Drosophila
>gi|1036805127|ref|XP_017136774.1| PREDICTED: GTPase-activating protein isoform X2 [Drosophila
>gi|1036786635|ref|XP_017135730.1| PREDICTED: uncharacterized protein LOC108151570 isoform X1
>gi|1036786656|ref|XP_017135731.1| PREDICTED: myotubularin-related protein 9-like isoform X2 [
>gi|1036786675|ref|XP_017135732.1| PREDICTED: myotubularin-related protein 9-like isoform X3 [
>gi|1036786694|ref|XP_017135733.1| PREDICTED: ATP-binding cassette sub-family E member 1 [Dros
>gi|1036786713|ref|XP_017135734.1| PREDICTED: uncharacterized protein LOC108151573 [Drosophila
>gi|1036786791|ref|XP_017135739.1| PREDICTED: uncharacterized protein LOC108151575 [Drosophila
>gi|1036786810|ref|XP_017135740.1| PREDICTED: uncharacterized protein LOC108151575 [Drosophila
>gi|1036786734|ref|XP_017135735.1| PREDICTED: N-acetylgalactosamine kinase [Drosophila miranda
>gi|1036786753|ref|XP_017135736.1| PREDICTED: N-acetylgalactosamine kinase [Drosophila miranda]
>gi|1036786772|ref|XP_017135738.1| PREDICTED: N-acetylgalactosamine kinase [Drosophila miranda]
>gi|1036800456|ref|XP_017136510.1| PREDICTED: vesicle transport protein USE1 isoform X1 [Droso
>gi|1036800474|ref|XP_017136511.1| PREDICTED: vesicle transport protein USE1 isoform X2 [Droso
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>gi|1036800492|ref|XP_017136512.1| PREDICTED: dihydropteridine reductase [Drosophila miranda]
>gi|1036800271|ref|XP_017136500.1| PREDICTED: protein boule isoform X1 [Drosophila miranda]
>gi|1036800290|ref|XP_017136501.1| PREDICTED: protein boule isoform X1 [Drosophila miranda]
>gi|1036800309|ref|XP_017136502.1| PREDICTED: protein boule isoform X2 [Drosophila miranda]
>gi|1036800327|ref|XP 017136503.1| PREDICTED: protein boule isoform X3 [Drosophila miranda]
>gi|1036800344|ref|XP_017136504.1| PREDICTED: protein boule isoform X4 [Drosophila miranda]
>gi|1036800362|ref|XP 017136505.1| PREDICTED: protein boule isoform X5 [Drosophila miranda]
>gi|1036800382|ref|XP_017136506.1| PREDICTED: protein boule isoform X6 [Drosophila miranda]
>gi|1036800401|ref|XP_017136507.1| PREDICTED: protein boule isoform X7 [Drosophila miranda]
>gi|1036800418|ref|XP_017136508.1| PREDICTED: protein boule isoform X8 [Drosophila miranda]
>gi|1036800437|ref|XP_017136509.1| PREDICTED: protein boule isoform X9 [Drosophila miranda]
>gi|1036848370|ref|XP_017139166.1| PREDICTED: uncharacterized protein LOC108153596 [Drosophila
>gi|1036850361|ref|XP_017139284.1| PREDICTED: uncharacterized protein LOC108153678 [Drosophila
>gi|1036818582|ref|XP_017137514.1| PREDICTED: uncharacterized protein LOC108152581 isoform X4
>gi|1036818563|ref|XP_017137513.1| PREDICTED: uncharacterized protein LOC108152581 isoform X3
>gi|1036818525|ref|XP_017137511.1| PREDICTED: uncharacterized protein LOC108152581 isoform X1
>gi|1036818544|ref|XP_017137512.1| PREDICTED: uncharacterized protein LOC108152581 isoform X2
>gi|1036818603|ref|XP_017137515.1| PREDICTED: uncharacterized protein LOC108152581 isoform X5
>gi|1036818622|ref|XP_017137516.1| PREDICTED: mitochondrial inner membrane protein COX18 [Dros
>gi|1036786319|ref|XP 017135714.1| PREDICTED: F-box only protein 39 [Drosophila miranda]
>gi|1036786266|ref|XP_017135710.1| PREDICTED: arginine kinase isoform X1 [Drosophila miranda]
>gi|1036786285|ref|XP 017135711.1| PREDICTED: arginine kinase isoform X2 [Drosophila miranda]
>gi|1036786302|ref|XP_017135712.1| PREDICTED: arginine kinase isoform X3 [Drosophila miranda]
>gi|1036786338|ref|XP_017135715.1| PREDICTED: arginine kinase-like [Drosophila miranda]
>gi|1036841632|ref|XP_017138811.1| PREDICTED: T-box transcription factor TBX6 [Drosophila mirated
>gi|1036838591|ref|XP_017138638.1| PREDICTED: T-box protein 2 [Drosophila miranda]
>gi|1036845704|ref|XP_017139016.1| PREDICTED: T-box transcription factor TBX6 [Drosophila mirated
>gi|1036828014|ref|XP_017138036.1| PREDICTED: ubiquitin-protein ligase E3B [Drosophila miranda]
>gi|1036810809|ref|XP_017137085.1| PREDICTED: protein Smaug isoform X2 [Drosophila miranda]
>gi|1036810828|ref|XP_017137086.1| PREDICTED: protein Smaug isoform X3 [Drosophila miranda]
>gi|1036810771|ref|XP_017137083.1| PREDICTED: protein Smaug isoform X1 [Drosophila miranda]
>gi|1036810789|ref|XP_017137084.1| PREDICTED: protein Smaug isoform X1 [Drosophila miranda]
>gi|1036835814|ref|XP_017138472.1| PREDICTED: UPF0193 protein EVG1 homolog [Drosophila miranda]
>gi|1036835795|ref|XP_017138471.1| PREDICTED: protein phosphatase methylesterase 1 [Drosophila
>gi|1036843002|ref|XP 017138879.1| PREDICTED: uncharacterized protein LOC108153400 isoform X1
>gi|1036843021|ref|XP 017138880.1| PREDICTED: uncharacterized protein LOC108153400 isoform X1
>gi|1036843041|ref|XP 017138881.1| PREDICTED: uncharacterized protein LOC108153400 isoform X2
>gi|1036822080|ref|XP_017137700.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822098|ref|XP_017137702.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822116|ref|XP_017137703.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822134|ref|XP_017137704.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822174|ref|XP_017137706.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X-
>gi|1036822193|ref|XP 017137707.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822153|ref|XP_017137705.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822212|ref|XP_017137708.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036822231|ref|XP_017137709.1| PREDICTED: F-BAR and double SH3 domains protein 2 isoform X
>gi|1036828491|ref|XP_017138064.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828414|ref|XP_017138059.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
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>gi|1036828726|ref|XP_017138076.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828510|ref|XP_017138065.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828432|ref|XP 017138060.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828609|ref|XP_017138070.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828569|ref|XP 017138068.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828550|ref|XP_017138067.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828451|ref|XP 017138062.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828357|ref|XP_017138056.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828376|ref|XP_017138057.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828688|ref|XP_017138074.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828590|ref|XP_017138069.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828470|ref|XP_017138063.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828395|ref|XP_017138058.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828531|ref|XP_017138066.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828630|ref|XP_017138071.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828648|ref|XP_017138072.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828669|ref|XP_017138073.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036828707|ref|XP 017138075.1| PREDICTED: gamma-aminobutyric acid receptor subunit beta is
>gi|1036834176|ref|XP_017138379.1| PREDICTED: proton-associated sugar transporter A [Drosophile
>gi|1036834195|ref|XP 017138380.1| PREDICTED: proton-associated sugar transporter A [Drosophile
>gi|1036835275|ref|XP_017138440.1| PREDICTED: sodium-dependent nutrient amino acid transporter
>gi|1036847722|ref|XP 017139130.1| PREDICTED: glutamate receptor 1 [Drosophila miranda]
>gi|1036850691|ref|XP_017139304.1| PREDICTED: peptidoglycan-recognition protein LA isoform X1
>gi|1036850729|ref|XP_017139306.1| PREDICTED: peptidoglycan-recognition protein LA isoform X3
>gi|1036850710|ref|XP_017139305.1| PREDICTED: peptidoglycan-recognition protein LA isoform X2
>gi|1036803078|ref|XP_017136658.1| PREDICTED: peptidoglycan-recognition protein LC isoform X1
>gi|1036803097|ref|XP_017136660.1| PREDICTED: peptidoglycan-recognition protein LC isoform X1
>gi|1036803116|ref|XP_017136661.1| PREDICTED: peptidoglycan-recognition protein LC isoform X1
>gi|1036803134|ref|XP_017136662.1| PREDICTED: peptidoglycan-recognition protein LC isoform X1
>gi|1036803152|ref|XP_017136663.1| PREDICTED: peptidoglycan-recognition protein LC isoform X1
>gi|1036803190|ref|XP_017136665.1| PREDICTED: peptidoglycan-recognition protein LC isoform X3
>gi|1036803228|ref|XP_017136667.1| PREDICTED: peptidoglycan-recognition protein LC isoform X5
>gi|1036803209|ref|XP_017136666.1| PREDICTED: peptidoglycan-recognition protein LC isoform X4
>gi|1036803171|ref|XP_017136664.1| PREDICTED: peptidoglycan-recognition protein LC isoform X2
>gi|1036803246|ref|XP_017136668.1| PREDICTED: peptidoglycan-recognition protein LC isoform X6
>gi|1036803265|ref|XP_017136669.1| PREDICTED: peptidoglycan-recognition protein LC isoform X7
>gi|1036803355|ref|XP_017136675.1| PREDICTED: peptidoglycan-recognition protein LF isoform X1
>gi|1036803371|ref|XP_017136676.1| PREDICTED: peptidoglycan-recognition protein LF isoform X2
>gi|1036803338|ref|XP_017136674.1| PREDICTED: UTP--glucose-1-phosphate uridylyltransferase iso
>gi|1036803322|ref|XP_017136673.1| PREDICTED: UTP--glucose-1-phosphate uridylyltransferase iso
>gi|1036803303|ref|XP_017136672.1| PREDICTED: UTP--glucose-1-phosphate uridylyltransferase iso
>gi|1036803284|ref|XP_017136671.1| PREDICTED: UTP--glucose-1-phosphate uridylyltransferase iso
>gi|1036803388|ref|XP 017136677.1| PREDICTED: uncharacterized protein LOC108152112 [Drosophila
>gi|1036804590|ref|XP_017136744.1| PREDICTED: small VCP/p97-interacting protein [Drosophila mi
>gi|1036804572|ref|XP_017136743.1| PREDICTED: autophagy-related protein 2 homolog A [Drosophile
>gi|1036821275|ref|XP_017137656.1| PREDICTED: uncharacterized protein LOC108152670 [Drosophila
>gi|1036821256|ref|XP_017137655.1| PREDICTED: putative adenosylhomocysteinase 2 [Drosophila mi
>gi|1036836040|ref|XP 017138486.1| PREDICTED: upstream activation factor subunit spp27 [Drosop.
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>gi|1036802282|ref|XP_017136617.1| PREDICTED: histone-lysine N-methyltransferase 2D [Drosophile]
>gi|1036837979|ref|XP_017138602.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1036837998|ref|XP_017138603.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1036838017|ref|XP_017138604.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1036838069|ref|XP 017138608.1| PREDICTED: synaptic vesicle glycoprotein 2B-like [Drosophile
>gi|1036838051|ref|XP_017138607.1| PREDICTED: putative transporter svop-1 [Drosophila miranda]
>gi|1036838034|ref|XP 017138605.1| PREDICTED: putative transporter SVOPL [Drosophila miranda]
>gi|1036764224|ref|XP_017157109.1| PREDICTED: uncharacterized protein LOC108165545 [Drosophila
>gi|1037099942|ref|XP_017144749.1| PREDICTED: extended synaptotagmin-2 isoform X2 [Drosophila i
>gi|1037099932|ref|XP_017144747.1| PREDICTED: extended synaptotagmin-2 isoform X1 [Drosophila i
>gi|1037099960|ref|XP_017144751.1| PREDICTED: extended synaptotagmin-1 isoform X4 [Drosophila i
>gi|1037099950|ref|XP_017144750.1| PREDICTED: extended synaptotagmin-2 isoform X3 [Drosophila i
>gi|1037079607|ref|XP_017143172.1| PREDICTED: protein CREBRF homolog [Drosophila miranda]
>gi|1037079621|ref|XP_017143173.1| PREDICTED: protein CREBRF homolog [Drosophila miranda]
>gi|1037079635|ref|XP_017143174.1| PREDICTED: BUD13 homolog [Drosophila miranda]
>gi|1037105933|ref|XP_017145427.1| PREDICTED: uncharacterized protein LOC108157757 [Drosophila
>gi|1037034935|ref|XP_017140187.1| PREDICTED: intraflagellar transport protein 56 [Drosophila in trans
>gi|1037085350|ref|XP_017143610.1| PREDICTED: uncharacterized protein LOC108156584 [Drosophila
>gi|1037033899|ref|XP_017140125.1| PREDICTED: mitochondrial import receptor subunit TOM40 homo
>gi|1037034305|ref|XP 017140151.1| PREDICTED: uncharacterized protein LOC108154396 [Drosophila
>gi|1037034760|ref|XP_017140178.1| PREDICTED: tetratricopeptide repeat protein 12 [Drosophila 1
>gi|1037022592|ref|XP 017139431.1| PREDICTED: uncharacterized protein LOC108153843 [Drosophila
>gi|1037037994|ref|XP_017140356.1| PREDICTED: tetratricopeptide repeat protein 12 [Drosophila 1
>gi|1037105894|ref|XP_017145421.1| PREDICTED: sodium-independent sulfate anion transporter [Dr
>gi|1037103816|ref|XP_017145131.1| PREDICTED: uncharacterized protein LOC108157539 [Drosophila
>gi|1037034339|ref|XP_017140153.1| PREDICTED: uncharacterized protein LOC108154398 [Drosophila
>gi|1037090337|ref|XP_017143965.1| PREDICTED: uncharacterized protein LOC108156797 [Drosophila
>gi|1037093993|ref|XP_017144226.1| PREDICTED: LOW QUALITY PROTEIN: xanthine dehydrogenase [Dros
>gi|1037022607|ref|XP_017139432.1| PREDICTED: xanthine dehydrogenase/oxidase-like [Drosophila 1
>gi|1037093979|ref|XP_017144225.1| PREDICTED: indole-3-acetaldehyde oxidase [Drosophila mirand
>gi|1037092203|ref|XP_017144105.1| PREDICTED: LOW QUALITY PROTEIN: indole-3-acetaldehyde oxida
>gi|1037092217|ref|XP_017144107.1| PREDICTED: xanthine dehydrogenase-like [Drosophila miranda]
>gi|1037037448|ref|XP_017140328.1| PREDICTED: uncharacterized protein LOC108154536 [Drosophila
>gi|1037033882|ref|XP_017140124.1| PREDICTED: uncharacterized protein LOC108154370 [Drosophila
>gi|1037105540|ref|XP 017145373.1| PREDICTED: uncharacterized protein LOC108157713 [Drosophila
>gi|1037105114|ref|XP_017145311.1| PREDICTED: uncharacterized protein LOC108157663 [Drosophila
>gi|1037103621|ref|XP_017145105.1| PREDICTED: dynein beta chain, ciliary isoform X2 [Drosophile
>gi|1037103613|ref|XP_017145104.1| PREDICTED: dynein beta chain, ciliary isoform X1 [Drosophile
>gi|1037022621|ref|XP_017139433.1| PREDICTED: uncharacterized protein LOC108153845 [Drosophila
>gi|1037035151|ref|XP_017140200.1| PREDICTED: uncharacterized protein LOC108154438 [Drosophila
>gi|1037034409|ref|XP_017140157.1| PREDICTED: uncharacterized protein LOC108154401 isoform X1
>gi|1037034427|ref|XP_017140159.1| PREDICTED: uncharacterized protein LOC108154401 isoform X2
>gi|1037034447|ref|XP_017140160.1| PREDICTED: uncharacterized protein LOC108154401 isoform X3
>gi|1037032758|ref|XP_017140057.1| PREDICTED: circadian clock-controlled protein [Drosophila m
>gi|1037034813|ref|XP_017140182.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037091349|ref|XP_017144042.1| PREDICTED: protein Malvolio isoform X2 [Drosophila miranda]
>gi|1037091335|ref|XP_017144041.1| PREDICTED: protein Malvolio isoform X1 [Drosophila miranda]
>gi|1037093883|ref|XP_017144218.1| PREDICTED: hematopoietic lineage cell-specific protein [Dros
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>gi|1037093897|ref|XP_017144219.1| PREDICTED: hematopoietic lineage cell-specific protein [Dros
>gi|1037082949|ref|XP_017143427.1| PREDICTED: annexin B9 isoform X3 [Drosophila miranda]
>gi|1037082937|ref|XP_017143426.1| PREDICTED: annexin B9 isoform X2 [Drosophila miranda]
>gi|1037082910|ref|XP_017143424.1| PREDICTED: annexin B9 isoform X1 [Drosophila miranda]
>gi|1037082924|ref|XP 017143425.1| PREDICTED: annexin B9 isoform X1 [Drosophila miranda]
>gi|1037082896|ref|XP_017143422.1| PREDICTED: uridine 5'-monophosphate synthase [Drosophila mi
>gi|1037034221|ref|XP 017140144.1| PREDICTED: doublesex- and mab-3-related transcription factor
>gi|1037033178|ref|XP_017140083.1| PREDICTED: hematopoietically-expressed homeobox protein Hhe
>gi|1037067328|ref|XP_017142329.1| PREDICTED: hornerin [Drosophila miranda]
>gi|1037067344|ref|XP_017142330.1| PREDICTED: uncharacterized protein LOC108155781 [Drosophila
>gi|1037085504|ref|XP_017143620.1| PREDICTED: hematological and neurological expressed 1-like
>gi|1037085490|ref|XP_017143619.1| PREDICTED: THO complex subunit 4 [Drosophila miranda]
>gi|1037092245|ref|XP_017144109.1| PREDICTED: dephospho-CoA kinase [Drosophila miranda]
>gi|1037092231|ref|XP_017144108.1| PREDICTED: UTP:RNA uridylyltransferase 1 [Drosophila mirand
>gi|1037085365|ref|XP_017143611.1| PREDICTED: serine/threonine-protein kinase/endoribonuclease
>gi|1037085989|ref|XP_017143655.1| PREDICTED: calcium uptake protein 3, mitochondrial isoform
>gi|1037085933|ref|XP_017143651.1| PREDICTED: calcium uptake protein 2, mitochondrial isoform
>gi|1037085921|ref|XP 017143650.1| PREDICTED: calcium uptake protein 2, mitochondrial isoform
>gi|1037086000|ref|XP_017143656.1| PREDICTED: calcium uptake protein 3, mitochondrial isoform
>gi|1037085961|ref|XP 017143653.1| PREDICTED: calcium uptake protein 3, mitochondrial isoform
>gi|1037085947|ref|XP_017143652.1| PREDICTED: calcium uptake protein 3, mitochondrial isoform
>gi|1037085975|ref|XP 017143654.1| PREDICTED: calcium uptake protein 3, mitochondrial isoform
>gi|1037085907|ref|XP_017143649.1| PREDICTED: calcium uptake protein 2, mitochondrial isoform
>gi|1037085893|ref|XP_017143647.1| PREDICTED: calcium uptake protein 2, mitochondrial isoform
>gi|1037086014|ref|XP_017143657.1| PREDICTED: uncharacterized protein LOC108156613 [Drosophila
>gi|1037085865|ref|XP_017143645.1| PREDICTED: serine-rich adhesin for platelets isoform X1 [Dref|XP_017143645.1]
>gi|1037085879|ref|XP_017143646.1| PREDICTED: serine-rich adhesin for platelets isoform X2 [Dref|XP_017143646.1]
>gi|1037106464|ref|XP_017145500.1| PREDICTED: 4-coumarate--CoA ligase-like 7 [Drosophila miran-
>gi|1037106181|ref|XP_017145461.1| PREDICTED: 4-coumarate--CoA ligase-like [Drosophila miranda]
>gi|1037033750|ref|XP_017140115.1| PREDICTED: luciferin 4-monooxygenase [Drosophila miranda]
>gi|1037105779|ref|XP_017145406.1| PREDICTED: luciferin 4-monooxygenase-like [Drosophila mirane
>gi|1037096331|ref|XP_017144415.1| PREDICTED: glutamate-gated chloride channel isoform X8 [Droplet of the channel isoform isof
>gi|1037096303|ref|XP 017144413.1| PREDICTED: glutamate-gated chloride channel isoform X6 [Drop
>gi|1037096252|ref|XP_017144409.1| PREDICTED: glutamate-gated chloride channel isoform X2 [Dros
>gi|1037096343|ref|XP 017144416.1| PREDICTED: glutamate-gated chloride channel isoform X9 [Dro
>gi|1037096291|ref|XP_017144412.1| PREDICTED: glutamate-gated chloride channel isoform X5 [Dros
>gi|1037096281|ref|XP_017144411.1| PREDICTED: glutamate-gated chloride channel isoform X4 [Dros
>gi|1037096226|ref|XP_017144406.1| PREDICTED: glutamate-gated chloride channel isoform X1 [Dros
>gi|1037096238|ref|XP_017144407.1| PREDICTED: glutamate-gated chloride channel isoform X1 [Dros
>gi|1037096315|ref|XP_017144414.1| PREDICTED: glutamate-gated chloride channel isoform X7 [Dros
>gi|1037096355|ref|XP_017144417.1| PREDICTED: glutamate-gated chloride channel isoform X10 [Dref|XP_017144417.1]
>gi|1037096270|ref|XP_017144410.1| PREDICTED: glutamate-gated chloride channel isoform X3 [Dros
>gi|1037038914|ref|XP_017140416.1| PREDICTED: uncharacterized protein LOC108154611 [Drosophila
>gi|1037096990|ref|XP 017144474.1| PREDICTED: pyrazinamidase/nicotinamidase [Drosophila mirand
>gi|1037097002|ref|XP_017144475.1| PREDICTED: pyrazinamidase/nicotinamidase [Drosophila mirand
>gi|1037096978|ref|XP_017144473.1| PREDICTED: serine-rich adhesin for platelets [Drosophila mi
>gi|1037077638|ref|XP_017143040.1| PREDICTED: glycine receptor subunit alpha-4 [Drosophila mire
>gi|1037077612|ref|XP_017143037.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
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>gi|1037077649|ref|XP_017143041.1| PREDICTED: developmentally-regulated GTP-binding protein 2
>gi|1037077625|ref|XP_017143039.1| PREDICTED: probable nucleoporin Nup58 [Drosophila miranda]
>gi|1037102983|ref|XP_017145032.1| PREDICTED: V-type proton ATPase subunit G [Drosophila mirane
>gi|1037077531|ref|XP_017143032.1| PREDICTED: anoctamin-1 isoform X1 [Drosophila miranda]
>gi|1037077547|ref|XP_017143033.1| PREDICTED: anoctamin-1 isoform X2 [Drosophila miranda]
>gi|1037077559|ref|XP_017143034.1| PREDICTED: anoctamin-1 isoform X3 [Drosophila miranda]
>gi|1037077585|ref|XP 017143036.1| PREDICTED: uncharacterized protein LOC108156209 [Drosophila
>gi|1037077571|ref|XP_017143035.1| PREDICTED: organic cation transporter protein [Drosophila m
>gi|1037022641|ref|XP_017139434.1| PREDICTED: uncharacterized protein LOC108153847 [Drosophila
>gi|1037100890|ref|XP_017144829.1| PREDICTED: organic cation transporter-like protein [Drosoph
>gi|1037106073|ref|XP_017145446.1| PREDICTED: organic cation transporter-like protein isoform
>gi|1037106065|ref|XP_017145445.1| PREDICTED: organic cation transporter-like protein isoform
>gi|1037106079|ref|XP_017145447.1| PREDICTED: uncharacterized protein LOC108157773 [Drosophila
>gi|1037047793|ref|XP_017141010.1| PREDICTED: cuticle protein 7 [Drosophila miranda]
>gi|1037047731|ref|XP_017141005.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X16 [Dros
>gi|1037047715|ref|XP_017141004.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X15 [Drose
>gi|1037047624|ref|XP_017140997.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X9 [Droso
>gi|1037047608|ref|XP_017140996.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X8 [Droso
>gi|1037047592|ref|XP_017140995.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X7 [Droso
>gi|1037047682|ref|XP 017141002.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X13 [Dros-
>gi|1037047576|ref|XP_017140994.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X6 [Droso
>gi|1037047667|ref|XP_017141001.1| PREDICTED: dystrophin isoform X12 [Drosophila miranda]
>gi|1037047637|ref|XP_017140999.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X10 [Dros
>gi|1037047493|ref|XP_017140990.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X2 [Droso
>gi|1037047697|ref|XP_017141003.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X14 [Dros
>gi|1037047652|ref|XP_017141000.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X11 [Dros
>gi|1037047540|ref|XP_017140992.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X4 [Droso
>gi|1037047508|ref|XP_017140991.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X3 [Droso
>gi|1037047479|ref|XP_017140989.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X1 [Droso
>gi|1037047556|ref|XP_017140993.1| PREDICTED: dystrophin, isoforms A/C/F/G/H isoform X5 [Droso
>gi|1037047821|ref|XP_017141012.1| PREDICTED: uncharacterized protein LOC108154984 [Drosophila
>gi|1037047747|ref|XP_017141006.1| PREDICTED: dystrophin-like [Drosophila miranda]
>gi|1037047763|ref|XP 017141007.1| PREDICTED: uncharacterized protein LOC108154980 [Drosophila
>gi|1037047807|ref|XP_017141011.1| PREDICTED: IDLSRF-like peptide [Drosophila miranda]
>gi|1037047779|ref|XP 017141009.1| PREDICTED: uncharacterized protein LOC108154981 [Drosophila
>gi|1037055229|ref|XP_017141518.1| PREDICTED: putative serine protease K12H4.7 [Drosophila mire
>gi|1037055247|ref|XP_017141519.1| PREDICTED: putative serine protease K12H4.7 [Drosophila mire
>gi|1037022659|ref|XP_017139435.1| PREDICTED: LOW QUALITY PROTEIN: aprataxin-like protein [Dros
>gi|1037055351|ref|XP_017141527.1| PREDICTED: LOW QUALITY PROTEIN: putative DNA helicase Ino80
>gi|1037055295|ref|XP_017141523.1| PREDICTED: uncharacterized protein LOC108155315 [Drosophila
>gi|1037055215|ref|XP_017141517.1| PREDICTED: LOW QUALITY PROTEIN: thymus-specific serine prot
>gi|1037055263|ref|XP_017141520.1| PREDICTED: putative serine protease K12H4.7 [Drosophila mire
>gi|1037055277|ref|XP_017141521.1| PREDICTED: putative serine protease K12H4.7 [Drosophila mire
>gi|1037055336|ref|XP_017141526.1| PREDICTED: pollen-specific leucine-rich repeat extensin-lik
>gi|1037055309|ref|XP_017141524.1| PREDICTED: uncharacterized protein LOC108155316 [Drosophila
>gi|1037055321|ref|XP_017141525.1| PREDICTED: uncharacterized protein LOC108155317 [Drosophila
>gi|1037033126|ref|XP_017140080.1| PREDICTED: uncharacterized protein LOC108154329 [Drosophila
>gi|1037079796|ref|XP_017143186.1| PREDICTED: neurogenic locus protein delta [Drosophila mirane
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>gi|1037103661|ref|XP_017145111.1| PREDICTED: zinc finger CCCH domain-containing protein 18-li
>gi|1037103653|ref|XP_017145110.1| PREDICTED: uncharacterized protein LOC108157518 [Drosophila
>gi|1037085560|ref|XP_017143625.1| PREDICTED: uncharacterized protein LOC108156595 [Drosophila
>gi|1037085533|ref|XP_017143623.1| PREDICTED: protein unc-79 homolog isoform X2 [Drosophila mi
>gi|1037085520|ref|XP 017143622.1| PREDICTED: protein unc-79 homolog isoform X1 [Drosophila mi
>gi|1037085547|ref|XP_017143624.1| PREDICTED: uncharacterized protein LOC108156594 [Drosophila
>gi|1037105868|ref|XP 017145418.1| PREDICTED: uncharacterized protein LOC108157748 [Drosophila
>gi|1037105860|ref|XP_017145417.1| PREDICTED: neurofilament medium polypeptide [Drosophila mire
>gi|1037096899|ref|XP_017144465.1| PREDICTED: phosphatidylinositol transfer protein alpha isof
>gi|1037096873|ref|XP_017144463.1| PREDICTED: phosphatidylinositol transfer protein alpha isof
>gi|1037096887|ref|XP_017144464.1| PREDICTED: phosphatidylinositol transfer protein alpha isof
>gi|1037105243|ref|XP_017145329.1| PREDICTED: cryptochrome-1 [Drosophila miranda]
>gi|1037094670|ref|XP_017144278.1| PREDICTED: 45 kDa calcium-binding protein [Drosophila miran
>gi|1037094634|ref|XP_017144276.1| PREDICTED: BRCA1-associated protein [Drosophila miranda]
>gi|1037094680|ref|XP_017144279.1| PREDICTED: uncharacterized protein LOC108156996 [Drosophila
>gi|1037094746|ref|XP_017144283.1| PREDICTED: zinc finger protein squeeze [Drosophila miranda]
>gi|1037094760|ref|XP_017144284.1| PREDICTED: zinc finger protein squeeze [Drosophila miranda]
>gi|1037094771|ref|XP_017144285.1| PREDICTED: zinc finger protein squeeze [Drosophila miranda]
>gi|1037077224|ref|XP_017143009.1| PREDICTED: C-1-tetrahydrofolate synthase, cytoplasmic [Dros
>gi|1037077178|ref|XP 017143005.1| PREDICTED: probable methyltransferase-like protein 15 homole
>gi|1037077208|ref|XP_017143008.1| PREDICTED: uncharacterized protein LOC108156188 [Drosophila
>gi|1037077194|ref|XP_017143006.1| PREDICTED: peptide deformylase, mitochondrial [Drosophila m
>gi|1037101196|ref|XP_017144859.1| PREDICTED: peptide deformylase, mitochondrial [Drosophila m
>gi|1037101134|ref|XP_017144853.1| PREDICTED: uncharacterized protein LOC108157344 [Drosophila
>gi|1037101156|ref|XP_017144855.1| PREDICTED: uncharacterized protein LOC108157346 [Drosophila
>gi|1037101144|ref|XP_017144854.1| PREDICTED: uncharacterized protein LOC108157345 [Drosophila
>gi|1037101176|ref|XP_017144857.1| PREDICTED: uncharacterized protein LOC108157348 isoform X1
>gi|1037101186|ref|XP_017144858.1| PREDICTED: uncharacterized protein LOC108157348 isoform X2
>gi|1037101166|ref|XP_017144856.1| PREDICTED: very low-density lipoprotein receptor-like [Dros
>gi|1037022676|ref|XP_017139436.1| PREDICTED: bifunctional protein FolD-like [Drosophila miran
>gi|1037103567|ref|XP_017145098.1| PREDICTED: mitochondrial import receptor subunit TOM20 homo
>gi|1037103559|ref|XP_017145097.1| PREDICTED: tachykinin-like peptides receptor 86C isoform X2
>gi|1037103551|ref|XP_017145096.1| PREDICTED: tachykinin-like peptides receptor 86C isoform X1
>gi|1037106448|ref|XP_017145498.1| PREDICTED: synaptic vesicle glycoprotein 2B isoform X1 [Dros
>gi|1037106456|ref|XP_017145499.1| PREDICTED: synaptic vesicle glycoprotein 2B isoform X2 [Drop
>gi|1037093004|ref|XP_017144158.1| PREDICTED: synaptic vesicle glycoprotein 2B [Drosophila mire
>gi|1037093018|ref|XP_017144159.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037077903|ref|XP_017143060.1| PREDICTED: uncharacterized protein LOC108156231 isoform X3
>gi|1037077875|ref|XP_017143058.1| PREDICTED: uncharacterized protein LOC108156231 isoform X1
>gi|1037077919|ref|XP_017143061.1| PREDICTED: uncharacterized protein LOC108156231 isoform X4
>gi|1037077889|ref|XP_017143059.1| PREDICTED: uncharacterized protein LOC108156231 isoform X2
>gi|1037077933|ref|XP_017143063.1| PREDICTED: general transcription factor IIF subunit 2 [Dros
>gi|1037078583|ref|XP_017143106.1| PREDICTED: alpha-1,2-mannosyltransferase ALG9 [Drosophila m
>gi|1037078569|ref|XP_017143105.1| PREDICTED: protocadherin Fat 1 isoform X4 [Drosophila miran
>gi|1037078539|ref|XP_017143103.1| PREDICTED: protocadherin Fat 1 isoform X2 [Drosophila miran
>gi|1037078552|ref|XP_017143104.1| PREDICTED: protocadherin Fat 1 isoform X3 [Drosophila miran
>gi|1037078512|ref|XP_017143102.1| PREDICTED: protocadherin Fat 1 isoform X1 [Drosophila miran
>gi|1037078597|ref|XP_017143107.1| PREDICTED: nucleotide exchange factor SIL1 isoform X1 [Dros
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>gi|1037078611|ref|XP 017143108.1| PREDICTED: nucleotide exchange factor SIL1 isoform X2 [Dros
>gi|1037078625|ref|XP_017143109.1| PREDICTED: nucleotide exchange factor SIL1 isoform X3 [Dros
>gi|1037103249|ref|XP_017145063.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037103239|ref|XP_017145061.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037101047|ref|XP 017144844.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037101037|ref|XP_017144843.1| PREDICTED: protein bag-of-marbles [Drosophila miranda]
>gi|1037093952|ref|XP 017144224.1| PREDICTED: 40S ribosomal protein S27 [Drosophila miranda]
>gi|1037093938|ref|XP_017144223.1| PREDICTED: nucleoporin Nup37 [Drosophila miranda]
>gi|1037047148|ref|XP_017140966.1| PREDICTED: E3 SUMO-protein ligase RanBP2 [Drosophila mirand
>gi|1037047194|ref|XP_017140969.1| PREDICTED: LOW QUALITY PROTEIN: transcription factor Ouib-1
>gi|1037047180|ref|XP_017140968.1| PREDICTED: transcription factor Ouib-like [Drosophila miran
>gi|1037047210|ref|XP_017140970.1| PREDICTED: HIG1 domain family member 1A, mitochondrial [Dros
>gi|1037047164|ref|XP_017140967.1| PREDICTED: dihydrolipoyllysine-residue succinyltransferase
>gi|1037067809|ref|XP_017142362.1| PREDICTED: serine/threonine-protein kinase MARK2 [Drosophile
>gi|1037067824|ref|XP_017142363.1| PREDICTED: serine/threonine-protein kinase MARK2 [Drosophile]
>gi|1037067707|ref|XP_017142355.1| PREDICTED: homeobox protein prospero isoform X1 [Drosophila
>gi|1037067723|ref|XP_017142356.1| PREDICTED: homeobox protein prospero isoform X1 [Drosophila
>gi|1037067738|ref|XP 017142357.1| PREDICTED: homeobox protein prospero isoform X1 [Drosophila
>gi|1037067753|ref|XP_017142358.1| PREDICTED: homeobox protein prospero isoform X2 [Drosophila
>gi|1037067768|ref|XP_017142359.1| PREDICTED: homeobox protein prospero isoform X3 [Drosophila
>gi|1037067783|ref|XP_017142360.1| PREDICTED: homeobox protein prospero isoform X4 [Drosophila
>gi|1037067795|ref|XP_017142361.1| PREDICTED: homeobox protein prospero isoform X5 [Drosophila
>gi|1037057958|ref|XP_017141697.1| PREDICTED: 39S ribosomal protein L40, mitochondrial [Drosop
>gi|1037057942|ref|XP_017141696.1| PREDICTED: prefoldin subunit 3 [Drosophila miranda]
>gi|1037057892|ref|XP_017141692.1| PREDICTED: ATP-dependent DNA helicase 2 subunit 1 [Drosophi
>gi|1037057876|ref|XP_017141691.1| PREDICTED: importin-9 [Drosophila miranda]
>gi|1037057926|ref|XP_017141694.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dref|XP_017141694.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 [Dref
>gi|1037057910|ref|XP_017141693.1| PREDICTED: neither inactivation nor afterpotential protein
>gi|1037058003|ref|XP_017141700.1| PREDICTED: D-tyrosyl-tRNA(Tyr) deacylase 1 isoform X2 [Dros
>gi|1037057987|ref|XP_017141699.1| PREDICTED: D-tyrosyl-tRNA(Tyr) deacylase 1 isoform X1 [Dros
>gi|1037057972|ref|XP_017141698.1| PREDICTED: probable ribosome biogenesis protein RLP24 [Drose
>gi|1037058789|ref|XP_017141755.1| PREDICTED: ubiquitin carboxyl-terminal hydrolase 8 [Drosoph
>gi|1037058839|ref|XP 017141758.1| PREDICTED: putative tRNA (cytidine(32)/guanosine(34)-2'-0)-1
>gi|1037058823|ref|XP_017141757.1| PREDICTED: uncharacterized protein LOC108155452 [Drosophila
>gi|1037058853|ref|XP 017141759.1| PREDICTED: ribosome production factor 2 homolog [Drosophila
>gi|1037058884|ref|XP_017141761.1| PREDICTED: uncharacterized protein LOC108155456 isoform X2
>gi|1037058869|ref|XP_017141760.1| PREDICTED: uncharacterized protein LOC108155456 isoform X1
>gi|1037058900|ref|XP_017141762.1| PREDICTED: uncharacterized protein LOC108155456 isoform X3
>gi|1037058807|ref|XP_017141756.1| PREDICTED: ralA-binding protein 1 [Drosophila miranda]
>gi|1037022693|ref|XP_017139438.1| PREDICTED: LOW QUALITY PROTEIN: malate dehydrogenase, mitoc
>gi|1037068859|ref|XP_017142436.1| PREDICTED: retinal homeobox protein Rx [Drosophila miranda]
>gi|1037068829|ref|XP_017142434.1| PREDICTED: ribosomal protein S6 kinase delta-1 [Drosophila 1
>gi|1037068845|ref|XP_017142435.1| PREDICTED: little elongation complex subunit 2 [Drosophila i
>gi|1037068904|ref|XP_017142439.1| PREDICTED: SRR1-like protein [Drosophila miranda]
>gi|1037068873|ref|XP_017142437.1| PREDICTED: coiled-coil domain-containing protein 174 [Droso
>gi|1037068889|ref|XP_017142438.1| PREDICTED: uncharacterized protein LOC108155838 [Drosophila
>gi|1037104463|ref|XP_017145217.1| PREDICTED: hexosaminidase D [Drosophila miranda]
>gi|1037082963|ref|XP_017143428.1| PREDICTED: single-stranded DNA-binding protein 2 [Drosophile
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>gi|1037062830|ref|XP_017142035.1| PREDICTED: uncharacterized protein LOC108155617 [Drosophila
>gi|1037062786|ref|XP_017142032.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037062816|ref|XP_017142034.1| PREDICTED: proteasome assembly chaperone 2 [Drosophila mirates
>gi|1037062770|ref|XP_017142031.1| PREDICTED: actin-related protein 5 [Drosophila miranda]
>gi|1037062801|ref|XP 017142033.1| PREDICTED: uncharacterized protein LOC108155615 [Drosophila
>gi|1037062754|ref|XP_017142030.1| PREDICTED: importin-13 [Drosophila miranda]
>gi|1037067872|ref|XP 017142366.1| PREDICTED: serine/threonine-protein phosphatase 2A 56 kDa re
>gi|1037067856|ref|XP_017142365.1| PREDICTED: serine/threonine-protein phosphatase 2A 56 kDa re
>gi|1037067840|ref|XP_017142364.1| PREDICTED: serine/threonine-protein phosphatase 2A 56 kDa re
>gi|1037067920|ref|XP_017142370.1| PREDICTED: ubiquitin-like protein 4A [Drosophila miranda]
>gi|1037067888|ref|XP_017142367.1| PREDICTED: peroxiredoxin-5, mitochondrial [Drosophila mirane
>gi|1037067904|ref|XP_017142369.1| PREDICTED: nuclear cap-binding protein subunit 2 [Drosophile
>gi|1037094430|ref|XP_017144260.1| PREDICTED: protein TAPT1 homolog [Drosophila miranda]
>gi|1037103985|ref|XP_017145153.1| PREDICTED: uncharacterized protein LOC108157558 [Drosophila
>gi|1037103969|ref|XP_017145151.1| PREDICTED: uncharacterized protein LOC108157557 isoform X2
>gi|1037103977|ref|XP_017145152.1| PREDICTED: uncharacterized protein LOC108157557 isoform X3
>gi|1037103961|ref|XP_017145150.1| PREDICTED: uncharacterized protein LOC108157557 isoform X1
>gi|1037033543|ref|XP_017140103.1| PREDICTED: uncharacterized protein LOC108154348 [Drosophila
>gi|1037098435|ref|XP_017144615.1| PREDICTED: hormone receptor 4 isoform X2 [Drosophila mirand
>gi|1037098425|ref|XP 017144614.1| PREDICTED: hormone receptor 4 isoform X1 [Drosophila mirand
>gi|1037098447|ref|XP_017144616.1| PREDICTED: alpha-protein kinase 1 isoform X3 [Drosophila mi
>gi|1037099902|ref|XP_017144744.1| PREDICTED: uncharacterized protein LOC108157267 [Drosophila
>gi|1037086058|ref|XP_017143660.1| PREDICTED: fibroblast growth factor receptor homolog 1 [Dros
>gi|1037086072|ref|XP_017143661.1| PREDICTED: fibroblast growth factor receptor homolog 1 [Dros
>gi|1037046824|ref|XP_017140944.1| PREDICTED: tubulin alpha-3 chain [Drosophila miranda]
>gi|1037046854|ref|XP_017140947.1| PREDICTED: SPRY domain-containing protein 7 [Drosophila mire
>gi|1037046840|ref|XP_017140945.1| PREDICTED: plancitoxin-1 [Drosophila miranda]
>gi|1037022711|ref|XP_017139439.1| PREDICTED: LOW QUALITY PROTEIN: protein couch potato, partic
>gi|1037046729|ref|XP_017140938.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046808|ref|XP_017140943.1| PREDICTED: uncharacterized protein LOC108154948 isoform X9
>gi|1037046713|ref|XP_017140936.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046745|ref|XP_017140939.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046761|ref|XP_017140940.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046681|ref|XP_017140934.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046697|ref|XP 017140935.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046776|ref|XP_017140941.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046792|ref|XP_017140942.1| PREDICTED: regulating synaptic membrane exocytosis protein
>gi|1037046868|ref|XP_017140948.1| PREDICTED: uncharacterized protein LOC108154952 [Drosophila
>gi|1037030467|ref|XP_017139919.1| PREDICTED: protein tincar isoform X1 [Drosophila miranda]
>gi|1037030483|ref|XP_017139920.1| PREDICTED: protein tincar isoform X2 [Drosophila miranda]
>gi|1037030517|ref|XP_017139923.1| PREDICTED: chitobiosyldiphosphodolichol beta-mannosyltransf
>gi|1037030743|ref|XP_017139938.1| PREDICTED: uncharacterized protein LOC108154222 [Drosophila
>gi|1037030653|ref|XP_017139932.1| PREDICTED: arfaptin-2 [Drosophila miranda]
>gi|1037030781|ref|XP_017139940.1| PREDICTED: DPH3 homolog [Drosophila miranda]
>gi|1037030686|ref|XP_017139934.1| PREDICTED: dnaJ homolog subfamily C member 17 [Drosophila m
>gi|1037030501|ref|XP_017139921.1| PREDICTED: GRIP and coiled-coil domain-containing protein 1
>gi|1037030533|ref|XP_017139924.1| PREDICTED: NADH dehydrogenase [ubiquinone] complex I, assem
>gi|1037030707|ref|XP_017139935.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
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>gi|1037030725|ref|XP_017139936.1| PREDICTED: venom allergen 3-like [Drosophila miranda]
>gi|1037030548|ref|XP_017139925.1| PREDICTED: 60S ribosomal protein L3 isoform X1 [Drosophila i
>gi|1037030566|ref|XP_017139926.1| PREDICTED: 60S ribosomal protein L3 isoform X2 [Drosophila i
>gi|1037030599|ref|XP_017139928.1| PREDICTED: zinc finger protein 544-like [Drosophila miranda]
>gi|1037030671|ref|XP 017139933.1| PREDICTED: J domain-containing protein CG6693 [Drosophila m
>gi|1037030617|ref|XP_017139929.1| PREDICTED: uncharacterized protein LOC108154215 [Drosophila
>gi|1037030582|ref|XP 017139927.1| PREDICTED: uncharacterized protein LOC108154213 [Drosophila
>gi|1037022729|ref|XP_017139440.1| PREDICTED: uncharacterized protein LOC108153853 [Drosophila
>gi|1037030638|ref|XP_017139931.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037030763|ref|XP_017139939.1| PREDICTED: 40S ribosomal protein S25 [Drosophila miranda]
>gi|1037094813|ref|XP_017144288.1| PREDICTED: zinc transporter 7 isoform X1 [Drosophila mirand
>gi|1037094827|ref|XP_017144289.1| PREDICTED: zinc transporter 7 isoform X2 [Drosophila mirand
>gi|1037094841|ref|XP_017144291.1| PREDICTED: zinc transporter 7 isoform X2 [Drosophila mirand
>gi|1037096743|ref|XP_017144452.1| PREDICTED: translationally-controlled tumor protein homolog
>gi|1037089986|ref|XP_017143937.1| PREDICTED: succinate dehydrogenase cytochrome b560 subunit,
>gi|1037089972|ref|XP_017143935.1| PREDICTED: nocturnin isoform X5 [Drosophila miranda]
>gi|1037089918|ref|XP_017143931.1| PREDICTED: nocturnin isoform X1 [Drosophila miranda]
>gi|1037089958|ref|XP_017143934.1| PREDICTED: nocturnin isoform X4 [Drosophila miranda]
>gi|1037089931|ref|XP_017143932.1| PREDICTED: nocturnin isoform X2 [Drosophila miranda]
>gi|1037089944|ref|XP 017143933.1| PREDICTED: nocturnin isoform X3 [Drosophila miranda]
>gi|1037090000|ref|XP_017143938.1| PREDICTED: uncharacterized protein LOC108156777 [Drosophila
>gi|1037071025|ref|XP 017142586.1| PREDICTED: UDP-glucuronosyltransferase 2C1 isoform X2 [Dros
>gi|1037071009|ref|XP_017142585.1| PREDICTED: UDP-glucuronosyltransferase 1-9 isoform X1 [Dros
>gi|1037071059|ref|XP_017142589.1| PREDICTED: UDP-glucuronosyltransferase [Drosophila miranda]
>gi|1037070957|ref|XP_017142582.1| PREDICTED: UDP-glucuronosyltransferase [Drosophila miranda]
>gi|1037071043|ref|XP_017142587.1| PREDICTED: UDP-glucuronosyltransferase 2A3 [Drosophila mirates]
>gi|1037070993|ref|XP_017142584.1| PREDICTED: UDP-glucuronosyltransferase 2A3-like [Drosophila
>gi|1037070941|ref|XP_017142581.1| PREDICTED: venom carboxylesterase-6 [Drosophila miranda]
>gi|1037070975|ref|XP_017142583.1| PREDICTED: UDP-glucuronosyltransferase [Drosophila miranda]
>gi|1037102241|ref|XP_017144957.1| PREDICTED: UDP-glucuronosyltransferase 2B15-like [Drosophile]
>gi|1037106057|ref|XP_017145444.1| PREDICTED: LOW QUALITY PROTEIN: UDP-glucuronosyltransferase
>gi|1037105360|ref|XP_017145347.1| PREDICTED: UDP-glucuronosyltransferase 2B31 [Drosophila mire
>gi|1037103921|ref|XP 017145145.1| PREDICTED: probable aconitate hydratase, mitochondrial [Dro
>gi|1037105260|ref|XP_017145331.1| PREDICTED: UDP-glucuronosyltransferase 2B15 [Drosophila mire
>gi|1037033526|ref|XP 017140102.1| PREDICTED: uncharacterized protein LOC108154347 [Drosophila
>gi|1037085126|ref|XP_017143595.1| PREDICTED: nephrin [Drosophila miranda]
>gi|1037085179|ref|XP_017143599.1| PREDICTED: uncharacterized protein LOC108156576 [Drosophila
>gi|1037085153|ref|XP_017143597.1| PREDICTED: uncharacterized protein LOC108156575 isoform X1
>gi|1037085167|ref|XP_017143598.1| PREDICTED: uncharacterized protein LOC108156575 isoform X2
>gi|1037085207|ref|XP_017143602.1| PREDICTED: uncharacterized protein LOC108156578 [Drosophila
>gi|1037085193|ref|XP_017143601.1| PREDICTED: uncharacterized protein LOC108156577 [Drosophila
>gi|1037085140|ref|XP_017143596.1| PREDICTED: proteasome subunit alpha type-6-like [Drosophila
>gi|1037074191|ref|XP_017142804.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037074175|ref|XP_017142803.1| PREDICTED: tetratricopeptide repeat protein 14 homolog [Dros
>gi|1037074206|ref|XP_017142805.1| PREDICTED: GTP:AMP phosphotransferase AK3, mitochondrial [Di
>gi|1037074220|ref|XP_017142806.1| PREDICTED: GTP:AMP phosphotransferase AK3, mitochondrial [Di
>gi|1037095949|ref|XP_017144378.1| PREDICTED: arrestin domain-containing protein 1 [Drosophila
>gi|1037095961|ref|XP_017144379.1| PREDICTED: mitochondrial thiamine pyrophosphate carrier [Dref|XP_017144379.1]
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>gi|1037099638|ref|XP_017144720.1| PREDICTED: uncharacterized protein LOC108157253 [Drosophila
>gi|1037099626|ref|XP_017144719.1| PREDICTED: sorbitol dehydrogenase isoform X3 [Drosophila mi
>gi|1037099614|ref|XP_017144718.1| PREDICTED: sorbitol dehydrogenase isoform X2 [Drosophila mi
>gi|1037099602|ref|XP_017144717.1| PREDICTED: sorbitol dehydrogenase isoform X1 [Drosophila mi
>gi|1037105340|ref|XP_017145343.1| PREDICTED: uncharacterized protein LOC108157687 [Drosophila
>gi|1037062657|ref|XP_017142023.1| PREDICTED: alcohol dehydrogenase class-3 [Drosophila mirand
>gi|1037062673|ref|XP 017142024.1| PREDICTED: tetraspanin-33 [Drosophila miranda]
>gi|1037062687|ref|XP_017142025.1| PREDICTED: methionine-R-sulfoxide reductase B1 isoform X1 [
>gi|1037062705|ref|XP_017142026.1| PREDICTED: methionine-R-sulfoxide reductase B1 isoform X2 [
>gi|1037062721|ref|XP_017142028.1| PREDICTED: methionine-R-sulfoxide reductase B1 isoform X3 [
>gi|1037062736|ref|XP_017142029.1| PREDICTED: methionine-R-sulfoxide reductase B1 isoform X4 [
>gi|1037062596|ref|XP_017142019.1| PREDICTED: thiamine transporter 1 isoform X1 [Drosophila mi
>gi|1037062612|ref|XP_017142020.1| PREDICTED: thiamine transporter 1 isoform X2 [Drosophila mi
>gi|1037062627|ref|XP_017142021.1| PREDICTED: thiamine transporter 2 isoform X1 [Drosophila mi
>gi|1037062641|ref|XP_017142022.1| PREDICTED: thiamine transporter 2 isoform X2 [Drosophila mi
>gi|1037074797|ref|XP_017142845.1| PREDICTED: uncharacterized protein LOC108156072 [Drosophila
>gi|1037074781|ref|XP_017142844.1| PREDICTED: protein AF-9 [Drosophila miranda]
>gi|1037074839|ref|XP 017142849.1| PREDICTED: uncharacterized protein LOC108156074 [Drosophila
>gi|1037074823|ref|XP_017142846.1| PREDICTED: nuclear transcription factor Y subunit beta [Dros
>gi|1037103175|ref|XP 017145055.1| PREDICTED: tropomyosin-2 isoform X1 [Drosophila miranda]
>gi|1037103185|ref|XP_017145056.1| PREDICTED: tropomyosin-2 isoform X2 [Drosophila miranda]
>gi|1037055526|ref|XP 017141539.1| PREDICTED: golgin-84 isoform X11 [Drosophila miranda]
>gi|1037055509|ref|XP_017141538.1| PREDICTED: golgin-84 isoform X10 [Drosophila miranda]
>gi|1037055649|ref|XP_017141546.1| PREDICTED: tropomyosin-1, isoforms 9A/A/B isoform X18 [Dros
>gi|1037055665|ref|XP_017141547.1| PREDICTED: tropomyosin-1, isoforms 9A/A/B isoform X19 [Dros
>gi|1037055584|ref|XP_017141542.1| PREDICTED: tropomyosin-2 isoform X14 [Drosophila miranda]
>gi|1037055600|ref|XP_017141543.1| PREDICTED: tropomyosin-2 isoform X15 [Drosophila miranda]
>gi|1037055465|ref|XP_017141534.1| PREDICTED: golgin-84 isoform X7 [Drosophila miranda]
>gi|1037055451|ref|XP_017141533.1| PREDICTED: golgin-84 isoform X6 [Drosophila miranda]
>gi|1037055383|ref|XP_017141529.1| PREDICTED: formin-binding protein 4 isoform X2 [Drosophila in the content of the content of
>gi|1037055367|ref|XP_017141528.1| PREDICTED: formin-binding protein 4 isoform X1 [Drosophila i
>gi|1037055399|ref|XP_017141530.1| PREDICTED: formin-binding protein 4 isoform X3 [Drosophila in the content of the content of
>gi|1037055568|ref|XP 017141541.1| PREDICTED: tropomyosin-1, isoforms 33/34 isoform X13 [Droso
>gi|1037055543|ref|XP_017141540.1| PREDICTED: tropomyosin-2 isoform X12 [Drosophila miranda]
>gi|1037055415|ref|XP 017141531.1| PREDICTED: actin cytoskeleton-regulatory complex protein pa
>gi|1037055435|ref|XP_017141532.1| PREDICTED: actin cytoskeleton-regulatory complex protein par
>gi|1037055614|ref|XP_017141544.1| PREDICTED: tropomyosin-1, isoforms 33/34 isoform X16 [Droso
>gi|1037055492|ref|XP_017141537.1| PREDICTED: golgin-84 isoform X9 [Drosophila miranda]
>gi|1037055476|ref|XP_017141536.1| PREDICTED: golgin-84 isoform X8 [Drosophila miranda]
>gi|1037055633|ref|XP_017141545.1| PREDICTED: tropomyosin-1, isoforms 9A/A/B isoform X17 [Dros
>gi|1037043237|ref|XP_017140706.1| PREDICTED: cytochrome c oxidase assembly protein COX16 homo
>gi|1037043147|ref|XP_017140700.1| PREDICTED: nuA4 complex subunit EAF3 homolog [Drosophila mi
>gi|1037043212|ref|XP_017140704.1| PREDICTED: ribosome biogenesis protein TSR3 homolog [Drosop
>gi|1037043055|ref|XP_017140693.1| PREDICTED: centrosome-associated zinc finger protein CP190
>gi|1037043069|ref|XP_017140694.1| PREDICTED: centrosome-associated zinc finger protein CP190
>gi|1037043085|ref|XP_017140695.1| PREDICTED: centrosome-associated zinc finger protein CP190
>gi|1037043180|ref|XP_017140702.1| PREDICTED: protein zntD isoform X2 [Drosophila miranda]
>gi|1037043164|ref|XP_017140701.1| PREDICTED: protein zntD isoform X1 [Drosophila miranda]
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>gi|1037043101|ref|XP_017140696.1| PREDICTED: uncharacterized protein LOC108154808 [Drosophila
>gi|1037043224|ref|XP_017140705.1| PREDICTED: ATP synthase subunit 0, mitochondrial [Drosophile
>gi|1037043196|ref|XP_017140703.1| PREDICTED: protein SET [Drosophila miranda]
>gi|1037043132|ref|XP_017140698.1| PREDICTED: eukaryotic translation initiation factor 2 subun
>gi|1037043117|ref|XP 017140697.1| PREDICTED: histone-lysine N-methyltransferase Su(var)3-9 is
>gi|1037043252|ref|XP_017140707.1| PREDICTED: AF4/FMR2 family member 4 [Drosophila miranda]
>gi|1037043264|ref|XP 017140708.1| PREDICTED: uncharacterized protein LOC108154819 [Drosophila
>gi|1037081134|ref|XP_017143291.1| PREDICTED: putative ammonium transporter 2 [Drosophila mirated
>gi|1037081120|ref|XP_017143289.1| PREDICTED: heat shock 70 kDa protein cognate 4 [Drosophila i
>gi|1037052045|ref|XP_017141299.1| PREDICTED: serine/threonine-protein kinase ATM [Drosophila i
>gi|1037052138|ref|XP_017141304.1| PREDICTED: uncharacterized protein LOC108155155 [Drosophila
>gi|1037052154|ref|XP_017141306.1| PREDICTED: 28S ribosomal protein S10, mitochondrial isoform
>gi|1037052170|ref|XP_017141307.1| PREDICTED: 28S ribosomal protein S10, mitochondrial isoform
>gi|1037052074|ref|XP_017141300.1| PREDICTED: protein arginine N-methyltransferase 1 isoform X
>gi|1037052090|ref|XP_017141301.1| PREDICTED: protein arginine N-methyltransferase 1 isoform X
>gi|1037052106|ref|XP_017141302.1| PREDICTED: probable histone-binding protein Caf1 [Drosophile
>gi|1037052122|ref|XP_017141303.1| PREDICTED: uncharacterized protein LOC108155154 [Drosophila
>gi|1037089715|ref|XP_017143914.1| PREDICTED: rho GTPase-activating protein 92B [Drosophila mi
>gi|1037106167|ref|XP_017145459.1| PREDICTED: uncharacterized protein LOC108157781 [Drosophila
>gi|1037106159|ref|XP 017145458.1| PREDICTED: uncharacterized protein LOC108157779 [Drosophila
>gi|1037034204|ref|XP_017140143.1| PREDICTED: solute carrier family 22 member 3 [Drosophila mi
>gi|1037098529|ref|XP 017144623.1| PREDICTED: putative fatty acyl-CoA reductase CG5065 [Drosop
>gi|1037098505|ref|XP_017144621.1| PREDICTED: solute carrier family 22 member 13 [Drosophila m
>gi|1037098517|ref|XP_017144622.1| PREDICTED: solute carrier family 22 member 13 [Drosophila m
>gi|1037098495|ref|XP_017144620.1| PREDICTED: solute carrier family 22 member 1 [Drosophila mi
>gi|1037071205|ref|XP_017142599.1| PREDICTED: heparan-sulfate 6-0-sulfotransferase 2 [Drosophi
>gi|1037071189|ref|XP_017142598.1| PREDICTED: FYVE and coiled-coil domain-containing protein 1
>gi|1037071171|ref|XP_017142597.1| PREDICTED: E3 ubiquitin-protein ligase BRE1 isoform X1 [Dro
>gi|1037071236|ref|XP_017142600.1| PREDICTED: uncharacterized protein LOC108155946 [Drosophila
>gi|1037071268|ref|XP_017142602.1| PREDICTED: uncharacterized protein LOC108155949 [Drosophila
>gi|1037071252|ref|XP_017142601.1| PREDICTED: uncharacterized protein LOC108155948 [Drosophila
>gi|1037033234|ref|XP_017140086.1| PREDICTED: uncharacterized protein LOC108154336 [Drosophila
>gi|1037060596|ref|XP 017141883.1| PREDICTED: uncharacterized protein LOC108155531 isoform X2
>gi|1037060582|ref|XP_017141882.1| PREDICTED: uncharacterized protein LOC108155531 isoform X1
>gi|1037060610|ref|XP 017141884.1| PREDICTED: uncharacterized protein LOC108155531 isoform X3
>gi|1037060626|ref|XP_017141886.1| PREDICTED: uncharacterized protein LOC108155531 isoform X4
>gi|1037060642|ref|XP 017141887.1| PREDICTED: uncharacterized protein LOC108155531 isoform X5
>gi|1037060706|ref|XP_017141891.1| PREDICTED: N-acetylglucosaminyl-phosphatidylinositol de-N-a
>gi|1037060658|ref|XP_017141888.1| PREDICTED: phagocyte signaling-impaired protein isoform X1
>gi|1037060672|ref|XP_017141889.1| PREDICTED: phagocyte signaling-impaired protein isoform X2
>gi|1037060736|ref|XP_017141894.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037060752|ref|XP_017141895.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037060720|ref|XP_017141892.1| PREDICTED: zinc finger protein 287 [Drosophila miranda]
>gi|1037060690|ref|XP_017141890.1| PREDICTED: zinc finger protein 62 homolog [Drosophila mirane
>gi|1037090709|ref|XP_017143995.1| PREDICTED: zinc finger protein 771 [Drosophila miranda]
>gi|1037090695|ref|XP_017143994.1| PREDICTED: probable ribonuclease ZC3H12C [Drosophila mirand
>gi|1037103772|ref|XP_017145126.1| PREDICTED: uncharacterized protein LOC108157534 [Drosophila
>gi|1037103748|ref|XP_017145122.1| PREDICTED: protein I'm not dead yet 2-like [Drosophila mirat
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>gi|1037103756|ref|XP_017145123.1| PREDICTED: protein I'm not dead yet 2-like [Drosophila mirated
>gi|1037103764|ref|XP_017145125.1| PREDICTED: uncharacterized protein LOC108157532 [Drosophila
>gi|1037095312|ref|XP_017144328.1| PREDICTED: S-formylglutathione hydrolase [Drosophila mirand
>gi|1037095326|ref|XP_017144329.1| PREDICTED: S-formylglutathione hydrolase [Drosophila mirand
>gi|1037095341|ref|XP 017144330.1| PREDICTED: S-formylglutathione hydrolase [Drosophila mirand
>gi|1037095298|ref|XP_017144327.1| PREDICTED: RING finger protein 113A [Drosophila miranda]
>gi|1037104656|ref|XP 017145244.1| PREDICTED: opsin Rh3 [Drosophila miranda]
>gi|1037097219|ref|XP_017144495.1| PREDICTED: heat shock 70 kDa protein cognate 4-like [Drosop
>gi|1037105251|ref|XP_017145330.1| PREDICTED: muscle-specific protein 20 [Drosophila miranda]
>gi|1037103359|ref|XP_017145075.1| PREDICTED: ureidoglycolate dehydrogenase (NAD(+)) [Drosophi
>gi|1037103339|ref|XP_017145073.1| PREDICTED: neuroligin 4-like [Drosophila miranda]
>gi|1037103349|ref|XP_017145074.1| PREDICTED: neuroligin 4-like [Drosophila miranda]
>gi|1037066448|ref|XP_017142272.1| PREDICTED: putative transcription factor capicua isoform X1
>gi|1037066496|ref|XP_017142275.1| PREDICTED: putative transcription factor capicua isoform X4
>gi|1037066464|ref|XP_017142273.1| PREDICTED: putative transcription factor capicua isoform X2
>gi|1037066511|ref|XP_017142276.1| PREDICTED: putative transcription factor capicua isoform X5
>gi|1037066480|ref|XP_017142274.1| PREDICTED: putative transcription factor capicua isoform X3
>gi|1037066529|ref|XP_017142277.1| PREDICTED: putative transcription factor capicua isoform X6
>gi|1037066561|ref|XP_017142279.1| PREDICTED: putative transcription factor capicua isoform X8
>gi|1037066546|ref|XP 017142278.1| PREDICTED: putative transcription factor capicua isoform X7
>gi|1037037294|ref|XP_017140318.1| PREDICTED: uncharacterized protein LOC108154526 [Drosophila
>gi|1037099154|ref|XP 017144674.1| PREDICTED: uncharacterized protein LOC108157228 [Drosophila
>gi|1037099087|ref|XP_017144672.1| PREDICTED: titin homolog [Drosophila miranda]
>gi|1037099105|ref|XP_017144673.1| PREDICTED: uncharacterized family 31 glucosidase KIAA1161 [
>gi|1037049314|ref|XP_017141109.1| PREDICTED: furin-like protease 1 isoform X2 [Drosophila mire
>gi|1037049284|ref|XP_017141107.1| PREDICTED: furin-like protease 1 isoform X1 [Drosophila mire
>gi|1037049300|ref|XP_017141108.1| PREDICTED: furin-like protease 1 isoform X1 [Drosophila mire
>gi|1037049328|ref|XP_017141110.1| PREDICTED: NADH-quinone oxidoreductase subunit D [Drosophile
>gi|1037049347|ref|XP_017141112.1| PREDICTED: carboxypeptidase N subunit 2 [Drosophila miranda]
>gi|1037049361|ref|XP_017141113.1| PREDICTED: collagen alpha-1(V) chain [Drosophila miranda]
>gi|1037049374|ref|XP_017141114.1| PREDICTED: protein translation factor SUI1 homolog [Drosoph
>gi|1037094349|ref|XP_017144253.1| PREDICTED: vacuolar protein sorting-associated protein 33B
>gi|1037094363|ref|XP_017144254.1| PREDICTED: vacuolar protein sorting-associated protein 33B
>gi|1037094376|ref|XP_017144255.1| PREDICTED: uncharacterized protein LOC108156975 [Drosophila
>gi|1037031400|ref|XP 017139977.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037106628|ref|XP_017145523.1| PREDICTED: regulator of chromosome condensation-like [Droso
>gi|1037057418|ref|XP_017141659.1| PREDICTED: transcriptional regulator ATRX homolog [Drosophi
>gi|1037057402|ref|XP_017141658.1| PREDICTED: nuclear factor related to kappa-B-binding protein
>gi|1037094855|ref|XP_017144292.1| PREDICTED: zinc finger protein 423 [Drosophila miranda]
>gi|1037091031|ref|XP_017144019.1| PREDICTED: WD repeat domain phosphoinositide-interacting pro-
>gi|1037090949|ref|XP_017144012.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037090963|ref|XP_017144013.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037090976|ref|XP 017144014.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037090990|ref|XP_017144015.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037091004|ref|XP_017144016.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037091018|ref|XP_017144017.1| PREDICTED: facilitated trehalose transporter Tret1 isoform
>gi|1037091047|ref|XP_017144020.1| PREDICTED: venom allergen 3 [Drosophila miranda]
>gi|1037053318|ref|XP_017141385.1| PREDICTED: UPF0160 protein [Drosophila miranda]
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>gi|1037053356|ref|XP_017141386.1| PREDICTED: proteasome subunit beta type-3 [Drosophila miran-
>gi|1037053304|ref|XP_017141384.1| PREDICTED: E3 ubiquitin-protein ligase RNF126-B [Drosophila
>gi|1037053276|ref|XP_017141382.1| PREDICTED: uncharacterized protein LOC108155209 [Drosophila
>gi|1037053250|ref|XP_017141380.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X2 [Dr
>gi|1037053264|ref|XP 017141381.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X3 [Dr.
>gi|1037053202|ref|XP_017141377.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X1 [Dr
>gi|1037053218|ref|XP_017141378.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X1 [Dr
>gi|1037053234|ref|XP_017141379.1| PREDICTED: E3 ubiquitin-protein ligase KCMF1 isoform X1 [Dr
>gi|1037053288|ref|XP_017141383.1| PREDICTED: embryonic stem cell-specific 5-hydroxymethylcyto
>gi|1037053176|ref|XP_017141374.1| PREDICTED: aryl hydrocarbon receptor nuclear translocator h
>gi|1037053196|ref|XP_017141376.1| PREDICTED: aryl hydrocarbon receptor nuclear translocator h
>gi|1037076200|ref|XP_017142943.1| PREDICTED: protein neuralized isoform X2 [Drosophila mirand
>gi|1037076184|ref|XP_017142942.1| PREDICTED: protein neuralized isoform X1 [Drosophila mirand
>gi|1037065545|ref|XP_017142211.1| PREDICTED: parafibromin [Drosophila miranda]
>gi|1037065577|ref|XP_017142213.1| PREDICTED: bifunctional methylenetetrahydrofolate dehydroge.
>gi|1037065561|ref|XP_017142212.1| PREDICTED: bifunctional methylenetetrahydrofolate dehydrogen
>gi|1037065593|ref|XP_017142214.1| PREDICTED: bifunctional methylenetetrahydrofolate dehydrogen
>gi|1037065527|ref|XP_017142210.1| PREDICTED: nuclear factor NF-kappa-B p110 subunit [Drosophi
>gi|1037065609|ref|XP_017142215.1| PREDICTED: uncharacterized protein LOC108155722 [Drosophila
>gi|1037077240|ref|XP 017143010.1| PREDICTED: putative protein TPRXL [Drosophila miranda]
>gi|1037072769|ref|XP_017142705.1| PREDICTED: uncharacterized protein LOC108156011 [Drosophila
>gi|1037072753|ref|XP 017142703.1| PREDICTED: uncharacterized protein LOC108156010 [Drosophila
>gi|1037072737|ref|XP_017142702.1| PREDICTED: T-complex protein 1 subunit eta [Drosophila mira
>gi|1037072722|ref|XP_017142701.1| PREDICTED: uncharacterized protein LOC108156008 [Drosophila
>gi|1037070676|ref|XP_017142562.1| PREDICTED: cytospin-A isoform X1 [Drosophila miranda]
>gi|1037070690|ref|XP_017142563.1| PREDICTED: cytospin-A isoform X2 [Drosophila miranda]
>gi|1037070765|ref|XP_017142569.1| PREDICTED: uncharacterized protein LOC108155927 [Drosophila
>gi|1037070705|ref|XP_017142564.1| PREDICTED: intracellular protein transport protein USO1 ison
>gi|1037070733|ref|XP_017142566.1| PREDICTED: uncharacterized protein LOC108155925 [Drosophila
>gi|1037070719|ref|XP_017142565.1| PREDICTED: uncharacterized protein LOC108155924 [Drosophila
>gi|1037022747|ref|XP_017139441.1| PREDICTED: uncharacterized protein LOC108153854 [Drosophila
>gi|1037070749|ref|XP_017142568.1| PREDICTED: uncharacterized protein LOC108155926 [Drosophila
>gi|1037105227|ref|XP_017145327.1| PREDICTED: chymotrypsinogen A isoform X1 [Drosophila mirand
>gi|1037105235|ref|XP_017145328.1| PREDICTED: chymotrypsinogen A isoform X2 [Drosophila mirand
>gi|1037105219|ref|XP 017145326.1| PREDICTED: uncharacterized protein LOC108157673 [Drosophila
>gi|1037090668|ref|XP_017143991.1| PREDICTED: uncharacterized protein LOC108156809 [Drosophila
>gi|1037090682|ref|XP_017143992.1| PREDICTED: protein NASP homolog [Drosophila miranda]
>gi|1037048525|ref|XP_017141055.1| PREDICTED: PP2C-like domain-containing protein CG9801 [Dros
>gi|1037048509|ref|XP_017141054.1| PREDICTED: UPF0505 protein CG8202 isoform X2 [Drosophila mi
>gi|1037048496|ref|XP_017141053.1| PREDICTED: UPF0505 protein CG8202 isoform X1 [Drosophila mi
>gi|1037048573|ref|XP_017141058.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037048589|ref|XP_017141059.1| PREDICTED: transcription factor Ouib [Drosophila miranda]
>gi|1037048667|ref|XP_017141065.1| PREDICTED: transcription factor Ouib-like [Drosophila miran
>gi|1037048651|ref|XP_017141063.1| PREDICTED: transcription factor Ouib isoform X4 [Drosophila
>gi|1037048619|ref|XP_017141061.1| PREDICTED: transcription factor Ouib isoform X2 [Drosophila
>gi|1037048635|ref|XP_017141062.1| PREDICTED: transcription factor Ouib isoform X3 [Drosophila
>gi|1037048605|ref|XP_017141060.1| PREDICTED: transcription factor Ouib isoform X1 [Drosophila
>gi|1037048557|ref|XP_017141057.1| PREDICTED: uncharacterized protein LOC108155016 [Drosophila
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>gi|1037048683|ref|XP_017141066.1| PREDICTED: transmembrane protein 216 [Drosophila miranda]
>gi|1037048699|ref|XP_017141067.1| PREDICTED: uncharacterized protein LOC108155023 [Drosophila
>gi|1037048715|ref|XP_017141068.1| PREDICTED: cyclin-dependent kinases regulatory subunit [Dros
>gi|1037048541|ref|XP_017141056.1| PREDICTED: sterol O-acyltransferase 1 [Drosophila miranda]
>gi|1037088751|ref|XP 017143837.1| PREDICTED: protein hunchback [Drosophila miranda]
>gi|1037088761|ref|XP_017143838.1| PREDICTED: protein hunchback [Drosophila miranda]
>gi|1037044068|ref|XP 017140757.1| PREDICTED: nuclear RNA export factor 2-like isoform X2 [Drop
>gi|1037044053|ref|XP_017140756.1| PREDICTED: nuclear RNA export factor 2-like isoform X1 [Droplet of the content of the conte
>gi|1037044084|ref|XP 017140758.1| PREDICTED: nuclear RNA export factor 2-like isoform X3 [Dro
>gi|1037044207|ref|XP_017140766.1| PREDICTED: protein unc-50 homolog [Drosophila miranda]
>gi|1037044173|ref|XP_017140764.1| PREDICTED: 39S ribosomal protein L19, mitochondrial [Drosop
>gi|1037044191|ref|XP_017140765.1| PREDICTED: 39S ribosomal protein L19, mitochondrial [Drosop
>gi|1037044109|ref|XP_017140760.1| PREDICTED: zinc finger protein 2 homolog isoform X2 [Drosop
>gi|1037044125|ref|XP_017140761.1| PREDICTED: zinc finger protein 2 homolog isoform X2 [Drosop
>gi|1037044098|ref|XP_017140759.1| PREDICTED: oocyte zinc finger protein X1COF6-like isoform X
>gi|1037044223|ref|XP 017140767.1| PREDICTED: putative riboflavin kinase [Drosophila miranda]
>gi|1037044141|ref|XP_017140762.1| PREDICTED: amidophosphoribosyltransferase [Drosophila miran-
>gi|1037044157|ref|XP 017140763.1| PREDICTED: transcription initiation factor TFIID subunit 7
>gi|1037044039|ref|XP_017140754.1| PREDICTED: ER membrane protein complex subunit 1 [Drosophile
>gi|1037068662|ref|XP 017142422.1| PREDICTED: 28S ribosomal protein S9, mitochondrial [Drosoph
>gi|1037068406|ref|XP_017142405.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068376|ref|XP 017142402.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068391|ref|XP_017142403.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068437|ref|XP_017142407.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068422|ref|XP_017142406.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068451|ref|XP_017142408.1| PREDICTED: transient receptor potential channel pyrexia iso
>gi|1037068646|ref|XP_017142421.1| PREDICTED: probable arginine--tRNA ligase, mitochondrial [Di
>gi|1037068467|ref|XP_017142409.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X
>gi|1037068483|ref|XP_017142410.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X
>gi|1037068581|ref|XP_017142416.1| PREDICTED: uncharacterized protein LOC108155825 isoform X7
>gi|1037068515|ref|XP_017142412.1| PREDICTED: formin-J isoform X3 [Drosophila miranda]
>gi|1037068598|ref|XP_017142417.1| PREDICTED: uncharacterized protein LOC108155825 isoform X8
>gi|1037068549|ref|XP 017142414.1| PREDICTED: chromatin modification-related protein EAF1 isof
>gi|1037068498|ref|XP_017142411.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X
>gi|1037068565|ref|XP 017142415.1| PREDICTED: chromatin modification-related protein EAF1 isof
>gi|1037068531|ref|XP_017142413.1| PREDICTED: RNA polymerase II degradation factor 1 isoform X-
>gi|1037068614|ref|XP 017142418.1| PREDICTED: uncharacterized protein LOC108155825 isoform X9
>gi|1037068630|ref|XP_017142419.1| PREDICTED: uncharacterized protein LOC108155825 isoform X10
>gi|1037101801|ref|XP_017144910.1| PREDICTED: diacylglycerol kinase eta isoform X6 [Drosophila
>gi|1037101781|ref|XP_017144908.1| PREDICTED: diacylglycerol kinase eta isoform X4 [Drosophila
>gi|1037101761|ref|XP_017144906.1| PREDICTED: diacylglycerol kinase eta isoform X2 [Drosophila
>gi|1037101811|ref|XP 017144911.1| PREDICTED: diacylglycerol kinase eta isoform X7 [Drosophila
>gi|1037101771|ref|XP_017144907.1| PREDICTED: diacylglycerol kinase eta isoform X3 [Drosophila
>gi|1037101751|ref|XP_017144905.1| PREDICTED: diacylglycerol kinase eta isoform X1 [Drosophila
>gi|1037101791|ref|XP_017144909.1| PREDICTED: diacylglycerol kinase eta isoform X5 [Drosophila
>gi|1037100384|ref|XP_017144778.1| PREDICTED: pyridoxine-5'-phosphate oxidase [Drosophila mirated and procedure of the control of the control
>gi|1037090225|ref|XP 017143956.1| PREDICTED: arrestin domain-containing protein 1 [Drosophila
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>gi|1037104913|ref|XP_017145280.1| PREDICTED: uncharacterized protein LOC108157644 [Drosophila
>gi|1037104905|ref|XP_017145279.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037100488|ref|XP_017144787.1| PREDICTED: arrestin domain-containing protein 5 [Drosophila
>gi|1037100476|ref|XP_017144786.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037100460|ref|XP 017144785.1| PREDICTED: arrestin domain-containing protein 2 [Drosophila
>gi|1037033073|ref|XP_017140076.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037033090|ref|XP 017140077.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037106440|ref|XP_017145497.1| PREDICTED: arrestin domain-containing protein 15 [Drosophile
>gi|1037106175|ref|XP_017145460.1| PREDICTED: arrestin domain-containing protein 2 [Drosophila
>gi|1037106015|ref|XP_017145439.1| PREDICTED: arrestin domain-containing protein 3 [Drosophila
>gi|1037035323|ref|XP_017140207.1| PREDICTED: uncharacterized protein LOC108154447 [Drosophila
>gi|1037105720|ref|XP_017145397.1| PREDICTED: serine protease easter isoform X1 [Drosophila mi
>gi|1037105726|ref|XP_017145398.1| PREDICTED: serine protease easter isoform X2 [Drosophila mi
>gi|1037034038|ref|XP_017140133.1| PREDICTED: uncharacterized protein LOC108154380 [Drosophila
>gi|1037034018|ref|XP_017140132.1| PREDICTED: uncharacterized protein LOC108154379 [Drosophila
>gi|1037037416|ref|XP_017140326.1| PREDICTED: uncharacterized protein LOC108154534 [Drosophila
>gi|1037033196|ref|XP_017140084.1| PREDICTED: solute carrier family 25 member 40 [Drosophila m
>gi|1037099720|ref|XP_017144728.1| PREDICTED: uncharacterized protein LOC108157261 [Drosophila
>gi|1037099734|ref|XP_017144729.1| PREDICTED: uncharacterized protein LOC108157261 [Drosophila
>gi|1037103536|ref|XP 017145095.1| PREDICTED: cytochrome c oxidase subunit 4 isoform 1, mitoch
>gi|1037022765|ref|XP_017139443.1| PREDICTED: neuroligin-4, Y-linked [Drosophila miranda]
>gi|1037022781|ref|XP 017139444.1| PREDICTED: uncharacterized protein LOC108153856 [Drosophila
>gi|1037064400|ref|XP_017142143.1| PREDICTED: esterase B1 [Drosophila miranda]
>gi|1037064414|ref|XP_017142144.1| PREDICTED: esterase B1 isoform X1 [Drosophila miranda]
>gi|1037064430|ref|XP_017142145.1| PREDICTED: esterase B1 isoform X2 [Drosophila miranda]
>gi|1037064446|ref|XP_017142146.1| PREDICTED: esterase B1-like isoform X1 [Drosophila miranda]
>gi|1037064460|ref|XP_017142148.1| PREDICTED: esterase B1-like isoform X2 [Drosophila miranda]
>gi|1037022805|ref|XP_017139445.1| PREDICTED: uncharacterized protein LOC108153857 [Drosophila
>gi|1037064476|ref|XP_017142149.1| PREDICTED: reticulon-3 [Drosophila miranda]
>gi|1037097936|ref|XP_017144562.1| PREDICTED: esterase B1 [Drosophila miranda]
>gi|1037097947|ref|XP_017144565.1| PREDICTED: ubiquitin-conjugating enzyme E2-18 kDa [Drosophi
>gi|1037088826|ref|XP_017143844.1| PREDICTED: esterase B1 [Drosophila miranda]
>gi|1037088840|ref|XP_017143845.1| PREDICTED: esterase B1 isoform X1 [Drosophila miranda]
>gi|1037088880|ref|XP_017143848.1| PREDICTED: growth hormone-inducible transmembrane protein [
>gi|1037088854|ref|XP 017143846.1| PREDICTED: esterase B1 isoform X2 [Drosophila miranda]
>gi|1037088867|ref|XP 017143847.1| PREDICTED: esterase B1 [Drosophila miranda]
>gi|1037036647|ref|XP 017140281.1| PREDICTED: uncharacterized protein LOC108154492 [Drosophila
>gi|1037035357|ref|XP_017140209.1| PREDICTED: neural cell adhesion molecule 1-B isoform X1 [Dr
>gi|1037035375|ref|XP_017140210.1| PREDICTED: neural cell adhesion molecule 1-B isoform X2 [Dr
>gi|1037106477|ref|XP_017145503.1| PREDICTED: uncharacterized protein LOC108157815 [Drosophila
>gi|1037022823|ref|XP_017139446.1| PREDICTED: low-density lipoprotein receptor-related protein
>gi|1037022840|ref|XP_017139447.1| PREDICTED: glutamate receptor U1 [Drosophila miranda]
>gi|1037035824|ref|XP 017140231.1| PREDICTED: uncharacterized protein LOC108154471 isoform X1
>gi|1037035840|ref|XP_017140232.1| PREDICTED: uncharacterized protein LOC108154471 isoform X2
>gi|1037106378|ref|XP 017145488.1| PREDICTED: uncharacterized protein LOC108157805 [Drosophila
>gi|1037105594|ref|XP_017145380.1| PREDICTED: uncharacterized protein LOC108157722 [Drosophila
>gi|1037105586|ref|XP_017145378.1| PREDICTED: classical arabinogalactan protein 9 [Drosophila i
>gi|1037022884|ref|XP_017139448.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
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>gi|1037106815|ref|XP_017145550.1| PREDICTED: endoplasmic reticulum resident protein 44 [Droso
>gi|1037095102|ref|XP_017144312.1| PREDICTED: LOW QUALITY PROTEIN: zinc finger protein rotund
>gi|1037095186|ref|XP_017144319.1| PREDICTED: GTPase-activating protein RacGAP84C-like [Drosop
>gi|1037022481|ref|XP_017139423.1| PREDICTED: LOW QUALITY PROTEIN: GTPase-activating protein R
>gi|1037095172|ref|XP 017144318.1| PREDICTED: transcription activator MSS11-like [Drosophila m
>gi|1037095158|ref|XP_017144317.1| PREDICTED: very low-density lipoprotein receptor [Drosophile
>gi|1037095116|ref|XP 017144313.1| PREDICTED: synaptotagmin-4 [Drosophila miranda]
>gi|1037095130|ref|XP_017144314.1| PREDICTED: synaptotagmin-4 [Drosophila miranda]
>gi|1037095144|ref|XP_017144315.1| PREDICTED: synaptotagmin-4 [Drosophila miranda]
>gi|1037066760|ref|XP_017142289.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1037066776|ref|XP_017142290.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1037066901|ref|XP_017142299.1| PREDICTED: general odorant-binding protein 84a isoform X2 [
>gi|1037066886|ref|XP_017142298.1| PREDICTED: general odorant-binding protein 84a isoform X1 [
>gi|1037066917|ref|XP_017142300.1| PREDICTED: general odorant-binding protein 84a isoform X3 [
>gi|1037066870|ref|XP_017142297.1| PREDICTED: DTW domain-containing protein 2 [Drosophila mirat
>gi|1037066822|ref|XP_017142294.1| PREDICTED: serine/threonine-protein kinase 16 [Drosophila m
>gi|1037066854|ref|XP_017142296.1| PREDICTED: G patch domain-containing protein 11 isoform X2
>gi|1037066838|ref|XP_017142295.1| PREDICTED: G patch domain-containing protein 11 isoform X1
>gi|1037066744|ref|XP_017142288.1| PREDICTED: nucleolar complex protein 3 homolog [Drosophila 1
>gi|1037066808|ref|XP 017142292.1| PREDICTED: uncharacterized protein LOC108155760 isoform X2
>gi|1037066792|ref|XP_017142291.1| PREDICTED: uncharacterized protein LOC108155760 isoform X1
>gi|1037066700|ref|XP 017142285.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1037066714|ref|XP_017142286.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1037066729|ref|XP_017142287.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1037105553|ref|XP_017145374.1| PREDICTED: facilitated trehalose transporter Tret1-like [Dr
>gi|1037106033|ref|XP_017145441.1| PREDICTED: uncharacterized protein LOC108157769 isoform X1
>gi|1037106041|ref|XP_017145442.1| PREDICTED: uncharacterized protein LOC108157769 isoform X2
>gi|1037106049|ref|XP_017145443.1| PREDICTED: uncharacterized protein LOC108157769 isoform X3
>gi|1037105999|ref|XP_017145436.1| PREDICTED: uncharacterized protein LOC108157765 [Drosophila
>gi|1037084425|ref|XP_017143541.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the company of 
>gi|1037084413|ref|XP_017143540.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 page 2 page 2 page 2 page 3 page 2 
>gi|1037084467|ref|XP_017143545.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the company of 
>gi|1037084374|ref|XP_017143537.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the company of 
>gi|1037084387|ref|XP_017143538.1| PREDICTED: phosphatidylinositol-binding clathrin assembly p
>gi|1037084360|ref|XP 017143536.1| PREDICTED: phosphatidylinositol-binding clathrin assembly page 2 process of the company of 
>gi|1037084480|ref|XP_017143546.1| PREDICTED: phosphatidylinositol-binding clathrin assembly p
>gi|1037084439|ref|XP_017143543.1| PREDICTED: phosphatidylinositol-binding clathrin assembly p
>gi|1037084401|ref|XP_017143539.1| PREDICTED: phosphatidylinositol-binding clathrin assembly p
>gi|1037084494|ref|XP_017143547.1| PREDICTED: phosphatidylinositol-binding clathrin assembly p
>gi|1037084453|ref|XP_017143544.1| PREDICTED: phosphatidylinositol-binding clathrin assembly p
>gi|1037096367|ref|XP_017144418.1| PREDICTED: protein SHQ1 homolog [Drosophila miranda]
>gi|1037072709|ref|XP_017142700.1| PREDICTED: putative epidermal cell surface receptor isoform
>gi|1037072694|ref|XP_017142699.1| PREDICTED: putative epidermal cell surface receptor isoform
>gi|1037072664|ref|XP_017142697.1| PREDICTED: putative epidermal cell surface receptor isoform
>gi|1037072680|ref|XP_017142698.1| PREDICTED: putative epidermal cell surface receptor isoform
>gi|1037066134|ref|XP_017142250.1| PREDICTED: uncharacterized protein LOC108155743 [Drosophila
>gi|1037066150|ref|XP_017142251.1| PREDICTED: uncharacterized protein LOC108155743 [Drosophila
>gi|1037066165|ref|XP_017142252.1| PREDICTED: uncharacterized protein LOC108155743 [Drosophila
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>gi|1037066106|ref|XP_017142248.1| PREDICTED: centromere protein J [Drosophila miranda]
>gi|1037066120|ref|XP_017142249.1| PREDICTED: GPN-loop GTPase 3 [Drosophila miranda]
>gi|1037066075|ref|XP_017142246.1| PREDICTED: uncharacterized protein LOC108155740 isoform X1
>gi|1037066089|ref|XP_017142247.1| PREDICTED: glutathione S-transferase 1-1 isoform X2 [Drosop
>gi|1037104477|ref|XP 017145219.1| PREDICTED: uncharacterized protein LOC108157601 isoform X2
>gi|1037104469|ref|XP_017145218.1| PREDICTED: protein twist isoform X1 [Drosophila miranda]
>gi|1037099187|ref|XP 017144676.1| PREDICTED: uncharacterized protein LOC108157230 [Drosophila
>gi|1037099166|ref|XP_017144675.1| PREDICTED: uncharacterized protein LOC108157229 [Drosophila
>gi|1037050467|ref|XP_017141189.1| PREDICTED: ELMO domain-containing protein 2 [Drosophila mire
>gi|1037050452|ref|XP_017141188.1| PREDICTED: secernin-3 [Drosophila miranda]
>gi|1037050273|ref|XP_017141176.1| PREDICTED: protein AF-17 isoform X1 [Drosophila miranda]
>gi|1037050289|ref|XP_017141177.1| PREDICTED: protein AF-17 isoform X2 [Drosophila miranda]
>gi|1037050309|ref|XP_017141178.1| PREDICTED: protein AF-17 isoform X3 [Drosophila miranda]
>gi|1037050323|ref|XP_017141179.1| PREDICTED: protein AF-10 isoform X4 [Drosophila miranda]
>gi|1037050339|ref|XP_017141180.1| PREDICTED: protein AF-10 isoform X5 [Drosophila miranda]
>gi|1037050356|ref|XP_017141182.1| PREDICTED: protein AF-17 isoform X6 [Drosophila miranda]
>gi|1037050370|ref|XP_017141183.1| PREDICTED: protein AF-10 isoform X7 [Drosophila miranda]
>gi|1037050420|ref|XP 017141186.1| PREDICTED: muscle LIM protein Mlp84B [Drosophila miranda]
>gi|1037050436|ref|XP_017141187.1| PREDICTED: muscle LIM protein Mlp84B [Drosophila miranda]
>gi|1037050388|ref|XP 017141184.1| PREDICTED: mucin-5AC isoform X8 [Drosophila miranda]
>gi|1037050404|ref|XP_017141185.1| PREDICTED: mucin-19 isoform X9 [Drosophila miranda]
>gi|1037050481|ref|XP_017141191.1| PREDICTED: enhancer of yellow 2b transcription factor [Dros
>gi|1037052639|ref|XP_017141339.1| PREDICTED: tubulin alpha-1 chain [Drosophila miranda]
>gi|1037052705|ref|XP_017141344.1| PREDICTED: rRNA methyltransferase 2, mitochondrial [Drosoph
>gi|1037052625|ref|XP_017141338.1| PREDICTED: venom serine carboxypeptidase [Drosophila mirand
>gi|1037052721|ref|XP_017141345.1| PREDICTED: transmembrane protein 256 homolog [Drosophila mi
>gi|1037052607|ref|XP_017141337.1| PREDICTED: LOW QUALITY PROTEIN: probable multidrug resistan
>gi|1037052672|ref|XP_017141342.1| PREDICTED: zinc finger homeobox protein 3 [Drosophila miran-
>gi|1037052656|ref|XP_017141341.1| PREDICTED: short-chain specific acyl-CoA dehydrogenase, mit-
>gi|1037052687|ref|XP_017141343.1| PREDICTED: zinc finger protein 420-like [Drosophila miranda]
>gi|1037070024|ref|XP_017142518.1| PREDICTED: mitogen-activated protein kinase kinase kinase 1
>gi|1037070068|ref|XP_017142522.1| PREDICTED: opsin Rh1 [Drosophila miranda]
>gi|1037070038|ref|XP 017142520.1| PREDICTED: serine/threonine protein phosphatase 2A regulator
>gi|1037070054|ref|XP_017142521.1| PREDICTED: serine/threonine protein phosphatase 2A regulator
>gi|1037042973|ref|XP 017140688.1| PREDICTED: ATP-dependent Clp protease ATP-binding subunit c
>gi|1037043007|ref|XP_017140690.1| PREDICTED: surfeit locus protein 6 homolog [Drosophila mirated]
>gi|1037043023|ref|XP_017140691.1| PREDICTED: DNA-directed RNA polymerase II subunit RPB7 [Dros
>gi|1037042955|ref|XP_017140686.1| PREDICTED: small G protein signaling modulator 3 homolog [Di
>gi|1037042874|ref|XP_017140681.1| PREDICTED: trafficking protein particle complex subunit 10
>gi|1037042892|ref|XP_017140682.1| PREDICTED: trafficking protein particle complex subunit 10
>gi|1037042908|ref|XP_017140683.1| PREDICTED: trafficking protein particle complex subunit 10
>gi|1037042922|ref|XP_017140684.1| PREDICTED: trafficking protein particle complex subunit 10
>gi|1037042938|ref|XP_017140685.1| PREDICTED: trafficking protein particle complex subunit 10
>gi|1037043039|ref|XP_017140692.1| PREDICTED: diamine acetyltransferase 2 [Drosophila miranda]
>gi|1037042827|ref|XP_017140678.1| PREDICTED: box A-binding factor isoform X2 [Drosophila mirated
>gi|1037042813|ref|XP_017140677.1| PREDICTED: box A-binding factor isoform X1 [Drosophila mirated
>gi|1037042843|ref|XP_017140679.1| PREDICTED: box A-binding factor isoform X3 [Drosophila mirated
>gi|1037042859|ref|XP_017140680.1| PREDICTED: box A-binding factor isoform X4 [Drosophila mirated
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>gi|1037042991|ref|XP_017140689.1| PREDICTED: box A-binding factor, partial [Drosophila mirand
>gi|1037076802|ref|XP_017142981.1| PREDICTED: GATA-binding factor A isoform X1 [Drosophila mire
>gi|1037076818|ref|XP_017142982.1| PREDICTED: GATA-binding factor A isoform X2 [Drosophila mire
>gi|1037076834|ref|XP_017142983.1| PREDICTED: GATA-binding factor A isoform X3 [Drosophila mire
>gi|1037076868|ref|XP 017142986.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037076883|ref|XP_017142987.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037076850|ref|XP 017142984.1| PREDICTED: inhibitor of nuclear factor kappa-B kinase subun
>gi|1037076899|ref|XP_017142988.1| PREDICTED: methyltransferase-like protein 23 [Drosophila mi
>gi|1037060005|ref|XP_017141843.1| PREDICTED: LOW QUALITY PROTEIN: cytoskeleton-associated pro-
>gi|1037059987|ref|XP_017141842.1| PREDICTED: LOW QUALITY PROTEIN: NACHT and WD repeat domain-
>gi|1037062249|ref|XP_017141995.1| PREDICTED: unconventional myosin-XVIIIa isoform X1 [Drosoph
>gi|1037062279|ref|XP_017141997.1| PREDICTED: unconventional myosin-XVIIIa isoform X3 [Drosoph
>gi|1037062263|ref|XP_017141996.1| PREDICTED: unconventional myosin-XVIIIa isoform X2 [Drosoph
>gi|1037062295|ref|XP_017141998.1| PREDICTED: unconventional myosin-XVIIIa isoform X4 [Drosoph
>gi|1037062311|ref|XP_017141999.1| PREDICTED: unconventional myosin-XVIIIa isoform X5 [Drosoph
>gi|1037062327|ref|XP 017142000.1| PREDICTED: uncharacterized protein LOC108155593 [Drosophila
>gi|1037062341|ref|XP_017142001.1| PREDICTED: lipase member H [Drosophila miranda]
>gi|1037091445|ref|XP 017144050.1| PREDICTED: RAC serine/threonine-protein kinase [Drosophila 1
>gi|1037097366|ref|XP_017144508.1| PREDICTED: serine proteinase stubble isoform X1 [Drosophila
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>gi|1037097390|ref|XP_017144510.1| PREDICTED: serine proteinase stubble isoform X1 [Drosophila
>gi|1037097402|ref|XP_017144511.1| PREDICTED: serine proteinase stubble isoform X2 [Drosophila
>gi|1037097413|ref|XP_017144513.1| PREDICTED: uncharacterized protein LOC108157128 [Drosophila
>gi|1037094063|ref|XP_017144232.1| PREDICTED: growth hormone-regulated TBC protein 1-A [Drosop.
>gi|1037094077|ref|XP_017144233.1| PREDICTED: growth hormone-regulated TBC protein 1-A [Drosop.
>gi|1037094121|ref|XP_017144236.1| PREDICTED: uncharacterized protein LOC108156965 isoform X3
>gi|1037094107|ref|XP_017144235.1| PREDICTED: circumsporozoite protein isoform X2 [Drosophila 1
>gi|1037094091|ref|XP_017144234.1| PREDICTED: circumsporozoite protein isoform X1 [Drosophila i
>gi|1037097460|ref|XP_017144517.1| PREDICTED: organic cation transporter protein isoform X1 [Di
>gi|1037097471|ref|XP_017144518.1| PREDICTED: organic cation transporter protein isoform X2 [Di
>gi|1037097482|ref|XP_017144519.1| PREDICTED: organic cation transporter protein isoform X2 [Di
>gi|1037097449|ref|XP_017144516.1| PREDICTED: organic cation transporter protein isoform X3 [Di
>gi|1037097425|ref|XP 017144514.1| PREDICTED: organic cation transporter protein isoform X1 [Di
>gi|1037097437|ref|XP_017144515.1| PREDICTED: organic cation transporter protein isoform X2 [Di
>gi|1037100870|ref|XP 017144827.1| PREDICTED: caprin homolog [Drosophila miranda]
>gi|1037100880|ref|XP_017144828.1| PREDICTED: histone deacetylase complex subunit SAP18 [Droso
>gi|1037091678|ref|XP 017144066.1| PREDICTED: protein sarah [Drosophila miranda]
>gi|1037091664|ref|XP_017144065.1| PREDICTED: organic cation transporter protein [Drosophila m
>gi|1037076111|ref|XP_017142936.1| PREDICTED: uncharacterized protein LOC108156135 [Drosophila
>gi|1037076127|ref|XP_017142937.1| PREDICTED: single-stranded DNA-binding protein, mitochondric
>gi|1037076171|ref|XP_017142941.1| PREDICTED: GPI ethanolamine phosphate transferase 1 [Drosop
>gi|1037076142|ref|XP_017142939.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1037076156|ref|XP_017142940.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1037022900|ref|XP_017139449.1| PREDICTED: GPI ethanolamine phosphate transferase 1 [Drosop
>gi|1037080982|ref|XP_017143279.1| PREDICTED: TBC1 domain family member 10A isoform X1 [Drosop
>gi|1037080995|ref|XP_017143280.1| PREDICTED: TBC1 domain family member 10A isoform X2 [Drosop
>gi|1037080968|ref|XP_017143277.1| PREDICTED: zinc finger protein 850 [Drosophila miranda]
>gi|1037078498|ref|XP_017143100.1| PREDICTED: microtubule-associated protein Jupiter isoform X
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>gi|1037078333|ref|XP_017143096.1| PREDICTED: microtubule-associated protein Jupiter isoform X
>gi|1037078484|ref|XP_017143099.1| PREDICTED: microtubule-associated protein Jupiter isoform X
>gi|1037078452|ref|XP_017143097.1| PREDICTED: microtubule-associated protein Jupiter isoform X
>gi|1037078319|ref|XP 017143095.1| PREDICTED: microtubule-associated protein Jupiter isoform X
>gi|1037095425|ref|XP_017144336.1| PREDICTED: inhibitor of growth protein 2 [Drosophila mirand
>gi|1037095441|ref|XP 017144337.1| PREDICTED: uncharacterized protein LOC108157036 [Drosophila
>gi|1037093434|ref|XP_017144188.1| PREDICTED: uncharacterized protein LOC108156938 isoform X1
>gi|1037093450|ref|XP_017144190.1| PREDICTED: rho guanine nucleotide exchange factor 17 isoform
>gi|1037098889|ref|XP_017144656.1| PREDICTED: alpha-1D adrenergic receptor isoform X2 [Drosoph
>gi|1037098901|ref|XP_017144657.1| PREDICTED: alpha-1D adrenergic receptor isoform X3 [Drosoph
>gi|1037098858|ref|XP_017144654.1| PREDICTED: tyramine receptor 1 isoform X1 [Drosophila miran
>gi|1037098871|ref|XP_017144655.1| PREDICTED: tyramine receptor 1 isoform X1 [Drosophila miran-
>gi|1037098913|ref|XP_017144659.1| PREDICTED: 5-hydroxytryptamine receptor 1A isoform X1 [Dros
>gi|1037098925|ref|XP_017144660.1| PREDICTED: 5-hydroxytryptamine receptor 1A isoform X1 [Dros
>gi|1037098937|ref|XP_017144661.1| PREDICTED: uncharacterized protein LOC108157216 isoform X2
>gi|1037098949|ref|XP_017144662.1| PREDICTED: uncharacterized protein LOC108157216 isoform X2
>gi|1037102468|ref|XP_017144980.1| PREDICTED: lutropin-choriogonadotropic hormone receptor [Drefine the control of the control
>gi|1037102478|ref|XP_017144981.1| PREDICTED: gamma-aminobutyric acid receptor-associated prot
>gi|1037063268|ref|XP 017142066.1| PREDICTED: trithorax group protein osa isoform X2 [Drosophi
>gi|1037063298|ref|XP_017142068.1| PREDICTED: trithorax group protein osa isoform X4 [Drosophi
>gi|1037063254|ref|XP_017142065.1| PREDICTED: trithorax group protein osa isoform X1 [Drosophi
>gi|1037063284|ref|XP_017142067.1| PREDICTED: trithorax group protein osa isoform X3 [Drosophi
>gi|1037083433|ref|XP_017143464.1| PREDICTED: protein YSC84 [Drosophila miranda]
>gi|1037083447|ref|XP_017143465.1| PREDICTED: protein YSC84 [Drosophila miranda]
>gi|1037083461|ref|XP_017143466.1| PREDICTED: stabilizer of axonemal microtubules 1 [Drosophile
>gi|1037083475|ref|XP_017143467.1| PREDICTED: stabilizer of axonemal microtubules 1 [Drosophile
>gi|1037083489|ref|XP_017143468.1| PREDICTED: stabilizer of axonemal microtubules 1 [Drosophile
>gi|1037083503|ref|XP_017143469.1| PREDICTED: stabilizer of axonemal microtubules 1 [Drosophile
>gi|1037083517|ref|XP_017143470.1| PREDICTED: stabilizer of axonemal microtubules 1 [Drosophile
>gi|1037053454|ref|XP_017141394.1| PREDICTED: zinc finger protein 420 [Drosophila miranda]
>gi|1037053671|ref|XP_017141409.1| PREDICTED: transcription initiation factor TFIID subunit 12
>gi|1037053681|ref|XP_017141410.1| PREDICTED: transcription initiation factor TFIID subunit 12
>gi|1037053597|ref|XP_017141404.1| PREDICTED: heme oxygenase 1 [Drosophila miranda]
>gi|1037053470|ref|XP 017141395.1| PREDICTED: uncharacterized protein LOC108155222 [Drosophila
>gi|1037053549|ref|XP_017141401.1| PREDICTED: uncharacterized protein LOC108155225 [Drosophila
>gi|1037053581|ref|XP 017141403.1| PREDICTED: uncharacterized protein LOC108155227 [Drosophila
>gi|1037053629|ref|XP_017141406.1| PREDICTED: protein Fer3 [Drosophila miranda]
>gi|1037053643|ref|XP_017141407.1| PREDICTED: protein Fer3 [Drosophila miranda]
>gi|1037053659|ref|XP_017141408.1| PREDICTED: protein Fer3 [Drosophila miranda]
>gi|1037053565|ref|XP_017141402.1| PREDICTED: uncharacterized protein LOC108155226 [Drosophila
>gi|1037053613|ref|XP_017141405.1| PREDICTED: uncharacterized protein LOC108155229 [Drosophila
>gi|1037053485|ref|XP_017141396.1| PREDICTED: uncharacterized protein LOC108155224 [Drosophila
>gi|1037053501|ref|XP_017141397.1| PREDICTED: uncharacterized protein LOC108155224 [Drosophila
>gi|1037053517|ref|XP_017141398.1| PREDICTED: uncharacterized protein LOC108155224 [Drosophila
>gi|1037053533|ref|XP_017141399.1| PREDICTED: uncharacterized protein LOC108155224 [Drosophila
>gi|1037059111|ref|XP_017141778.1| PREDICTED: thiamin pyrophosphokinase 1 [Drosophila miranda]
>gi|1037059081|ref|XP_017141776.1| PREDICTED: Bloom syndrome protein homolog [Drosophila mirane
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>gi|1037078466|ref|XP\_017143098.1| PREDICTED: microtubule-associated protein Jupiter isoform X-

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>gi|1037059097|ref|XP_017141777.1| PREDICTED: WD repeat-containing protein 55 homolog [Drosoph
>gi|1037059067|ref|XP_017141774.1| PREDICTED: putative uncharacterized protein DDB_G0291608 [D:
>gi|1037068272|ref|XP 017142395.1| PREDICTED: probable serine/threonine-protein kinase kinX is
>gi|1037068284|ref|XP_017142396.1| PREDICTED: probable serine/threonine-protein kinase kinX is
>gi|1037061788|ref|XP_017141963.1| PREDICTED: zinc finger protein 92 homolog [Drosophila miran-
>gi|1037061736|ref|XP_017141959.1| PREDICTED: uncharacterized protein LOC108155570 [Drosophila
>gi|1037061754|ref|XP_017141960.1| PREDICTED: glycine receptor subunit alpha-4 isoform X1 [Dros
>gi|1037061770|ref|XP_017141962.1| PREDICTED: glycine receptor subunit alpha-4 isoform X2 [Dros
>gi|1037074159|ref|XP_017142802.1| PREDICTED: myotubularin-related protein 13 isoform X2 [Dros
>gi|1037074143|ref|XP_017142801.1| PREDICTED: myotubularin-related protein 13 isoform X1 [Dros
>gi|1037097317|ref|XP_017144504.1| PREDICTED: chloride channel protein 2 isoform X8 [Drosophile
>gi|1037097280|ref|XP_017144500.1| PREDICTED: chloride channel protein 2 isoform X5 [Drosophile
>gi|1037097292|ref|XP_017144501.1| PREDICTED: chloride channel protein 2 isoform X6 [Drosophile
>gi|1037097256|ref|XP_017144498.1| PREDICTED: chloride channel protein 2 isoform X3 [Drosophile
>gi|1037097245|ref|XP_017144497.1| PREDICTED: chloride channel protein 2 isoform X2 [Drosophile
>gi|1037097231|ref|XP_017144496.1| PREDICTED: chloride channel protein 2 isoform X1 [Drosophile
>gi|1037097306|ref|XP_017144503.1| PREDICTED: chloride channel protein 2 isoform X7 [Drosophile
>gi|1037097268|ref|XP_017144499.1| PREDICTED: chloride channel protein 2 isoform X4 [Drosophile
>gi|1037097329|ref|XP_017144505.1| PREDICTED: chloride channel protein 2 isoform X9 [Drosophile
>gi|1037089082|ref|XP 017143864.1| PREDICTED: heterogeneous nuclear ribonucleoprotein H2 isofo
>gi|1037089096|ref|XP_017143865.1| PREDICTED: heterogeneous nuclear ribonucleoprotein H2 isofo
>gi|1037085476|ref|XP 017143618.1| PREDICTED: uncharacterized protein LOC108156590 [Drosophila
>gi|1037085462|ref|XP_017143617.1| PREDICTED: LOW QUALITY PROTEIN: nuclear pore complex protein
>gi|1037096594|ref|XP_017144441.1| PREDICTED: protein vreteno-like [Drosophila miranda]
>gi|1037103575|ref|XP_017145099.1| PREDICTED: dynein heavy chain 5, axonemal isoform X1 [Droso
>gi|1037103583|ref|XP_017145100.1| PREDICTED: dynein heavy chain 5, axonemal isoform X2 [Droso
>gi|1037103591|ref|XP_017145101.1| PREDICTED: uncharacterized protein LOC108157511 [Drosophila
>gi|1037060274|ref|XP_017141861.1| PREDICTED: uncharacterized protein LOC108155523 isoform X2
>gi|1037060241|ref|XP_017141859.1| PREDICTED: uncharacterized protein LOC108155523 isoform X1
>gi|1037060259|ref|XP_017141860.1| PREDICTED: uncharacterized protein LOC108155523 isoform X1
>gi|1037060289|ref|XP_017141862.1| PREDICTED: proteoglycan 4 [Drosophila miranda]
>gi|1037060179|ref|XP_017141854.1| PREDICTED: polycomb protein Scm [Drosophila miranda]
>gi|1037060305|ref|XP 017141863.1| PREDICTED: probable fatty acid-binding protein [Drosophila |
>gi|1037060225|ref|XP_017141858.1| PREDICTED: putative tricarboxylate transport protein, mitoc
>gi|1037060194|ref|XP 017141855.1| PREDICTED: 8-oxo-dGDP phosphatase NUDT18 [Drosophila mirand
>gi|1037060209|ref|XP_017141856.1| PREDICTED: limbic system-associated membrane protein [Droso
>gi|1037033057|ref|XP 017140075.1| PREDICTED: hemicentin-2 [Drosophila miranda]
>gi|1037059627|ref|XP_017141813.1| PREDICTED: cilia- and flagella-associated protein 53 [Droso
>gi|1037059641|ref|XP_017141815.1| PREDICTED: cilia- and flagella-associated protein 53 [Droso
>gi|1037059693|ref|XP_017141819.1| PREDICTED: peptidoglycan-recognition protein LB isoform X1
>gi|1037059719|ref|XP_017141821.1| PREDICTED: peptidoglycan-recognition protein LB isoform X3
>gi|1037059705|ref|XP_017141820.1| PREDICTED: peptidoglycan-recognition protein LB isoform X2
>gi|1037059737|ref|XP_017141822.1| PREDICTED: peptidoglycan-recognition protein LB isoform X4
>gi|1037059601|ref|XP 017141811.1| PREDICTED: probable serine/threonine-protein kinase kinX is
>gi|1037059562|ref|XP_017141808.1| PREDICTED: glutamic acid-rich protein isoform X1 [Drosophile
>gi|1037059576|ref|XP_017141809.1| PREDICTED: glutamic acid-rich protein isoform X1 [Drosophile
>gi|1037059587|ref|XP_017141810.1| PREDICTED: glutamic acid-rich protein isoform X1 [Drosophile
>gi|1037059667|ref|XP_017141817.1| PREDICTED: solute carrier family 35 member G1 [Drosophila m
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>gi|1037059614|ref|XP_017141812.1| PREDICTED: exonuclease 3'-5' domain-containing protein 2 [Di
>gi|1037059654|ref|XP_017141816.1| PREDICTED: soluble calcium-activated nucleotidase 1 [Drosop
>gi|1037059679|ref|XP_017141818.1| PREDICTED: solute carrier family 35 member B1 homolog [Dros
>gi|1037056045|ref|XP_017141566.1| PREDICTED: uncharacterized protein LOC108155333 isoform X2
>gi|1037056171|ref|XP 017141574.1| PREDICTED: nephrocan [Drosophila miranda]
>gi|1037056187|ref|XP_017141575.1| PREDICTED: leucine-rich repeat-containing protein 15 [Droso
>gi|1037056155|ref|XP 017141573.1| PREDICTED: sensory neuron membrane protein 1 [Drosophila mi
>gi|1037056030|ref|XP_017141565.1| PREDICTED: uncharacterized protein LOC108155333 isoform X1
>gi|1037056125|ref|XP_017141571.1| PREDICTED: uncharacterized protein LOC108155333 isoform X5
>gi|1037056062|ref|XP_017141567.1| PREDICTED: uncharacterized protein LOC108155333 isoform X3
>gi|1037056077|ref|XP_017141568.1| PREDICTED: uncharacterized protein LOC108155333 isoform X3
>gi|1037056090|ref|XP_017141569.1| PREDICTED: uncharacterized protein LOC108155333 isoform X3
>gi|1037056107|ref|XP_017141570.1| PREDICTED: uncharacterized protein LOC108155333 isoform X4
>gi|1037056141|ref|XP_017141572.1| PREDICTED: 5'-AMP-activated protein kinase subunit gamma-1
>gi|1037051148|ref|XP_017141239.1| PREDICTED: SET and MYND domain-containing protein 5 [Drosop
>gi|1037051180|ref|XP_017141241.1| PREDICTED: transmembrane emp24 domain-containing protein ec
>gi|1037051197|ref|XP_017141242.1| PREDICTED: DDRGK domain-containing protein 1 [Drosophila mi
>gi|1037051211|ref|XP_017141243.1| PREDICTED: transmembrane emp24 domain-containing protein ec
>gi|1037051004|ref|XP_017141229.1| PREDICTED: solute carrier family 15 member 1 [Drosophila mi
>gi|1037051162|ref|XP 017141240.1| PREDICTED: nucleoside diphosphate kinase 7 [Drosophila mira:
>gi|1037051275|ref|XP_017141247.1| PREDICTED: uncharacterized protein CG16817 isoform X4 [Dros
>gi|1037051260|ref|XP 017141246.1| PREDICTED: uncharacterized protein CG16817 isoform X3 [Dros
>gi|1037051246|ref|XP_017141245.1| PREDICTED: uncharacterized protein CG16817 isoform X2 [Dros
>gi|1037051231|ref|XP_017141244.1| PREDICTED: uncharacterized protein CG16817 isoform X1 [Dros
>gi|1037051287|ref|XP_017141249.1| PREDICTED: cytochrome c oxidase subunit 5A, mitochondrial [
>gi|1037051036|ref|XP_017141231.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051020|ref|XP_017141230.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051052|ref|XP_017141232.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051068|ref|XP_017141233.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051082|ref|XP_017141234.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051098|ref|XP_017141235.1| PREDICTED: kynurenine--oxoglutarate transaminase 3 isoform
>gi|1037051114|ref|XP_017141237.1| PREDICTED: trophoblast glycoprotein [Drosophila miranda]
>gi|1037051132|ref|XP_017141238.1| PREDICTED: trophoblast glycoprotein [Drosophila miranda]
>gi|1037091720|ref|XP_017144070.1| PREDICTED: cytochrome P450 315a1, mitochondrial isoform X1
>gi|1037091734|ref|XP 017144071.1| PREDICTED: cytochrome P450 315a1, mitochondrial isoform X2
>gi|1037091706|ref|XP_017144069.1| PREDICTED: sphingomyelin phosphodiesterase 4 [Drosophila mi
>gi|1037068299|ref|XP_017142397.1| PREDICTED: intron-binding protein aquarius isoform X1 [Dros
>gi|1037068346|ref|XP_017142400.1| PREDICTED: probable G-protein coupled receptor Mth-like 5 is
>gi|1037068329|ref|XP_017142399.1| PREDICTED: probable G-protein coupled receptor Mth-like 5 is
>gi|1037068314|ref|XP_017142398.1| PREDICTED: intron-binding protein aquarius isoform X2 [Dros
>gi|1037068361|ref|XP_017142401.1| PREDICTED: putative inner dynein arm light chain, axonemal
>gi|1037104540|ref|XP_017145228.1| PREDICTED: histone-like protein 18C [Drosophila miranda]
>gi|1037062089|ref|XP_017141984.1| PREDICTED: cadherin-87A [Drosophila miranda]
>gi|1037062108|ref|XP_017141985.1| PREDICTED: uncharacterized protein LOC108155587 isoform X1
>gi|1037062124|ref|XP_017141986.1| PREDICTED: uncharacterized protein LOC108155587 isoform X2
>gi|1037077061|ref|XP_017142999.1| PREDICTED: hormone receptor 4 isoform X1 [Drosophila mirand
>gi|1037077075|ref|XP_017143000.1| PREDICTED: hormone receptor 4 isoform X2 [Drosophila mirand
>gi|1037082883|ref|XP_017143421.1| PREDICTED: double-strand-break repair protein rad21-like pro
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>gi|1037103848|ref|XP_017145135.1| PREDICTED: uncharacterized protein LOC108157543 [Drosophila
>gi|1037095355|ref|XP_017144331.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1037093420|ref|XP_017144187.1| PREDICTED: piezo-type mechanosensitive ion channel componen
>gi|1037100163|ref|XP_017144758.1| PREDICTED: homeobox protein Nkx-2.1 isoform X3 [Drosophila i
>gi|1037100151|ref|XP_017144756.1| PREDICTED: homeobox protein Nkx-2.1 isoform X2 [Drosophila i
>gi|1037100127|ref|XP_017144754.1| PREDICTED: homeobox protein Nkx-2.1 isoform X1 [Drosophila i
>gi|1037100139|ref|XP_017144755.1| PREDICTED: homeobox protein Nkx-2.1 isoform X1 [Drosophila 1
>gi|1037083866|ref|XP_017143498.1| PREDICTED: poly [ADP-ribose] polymerase [Drosophila miranda]
>gi|1037099067|ref|XP_017144671.1| PREDICTED: programmed cell death protein 6 [Drosophila mirated]
>gi|1037096627|ref|XP_017144444.1| PREDICTED: ubiquitin-conjugating enzyme E2 G1 [Drosophila m
>gi|1037102488|ref|XP_017144982.1| PREDICTED: uncharacterized protein LOC108157439 [Drosophila
>gi|1037092806|ref|XP_017144143.1| PREDICTED: calcium/calmodulin-dependent protein kinase kina
>gi|1037092820|ref|XP_017144144.1| PREDICTED: calcium/calmodulin-dependent protein kinase kina
>gi|1037092834|ref|XP_017144145.1| PREDICTED: uncharacterized protein LOC108156906 [Drosophila
>gi|1037037576|ref|XP_017140336.1| PREDICTED: uncharacterized protein LOC108154544 [Drosophila
>gi|1037047298|ref|XP_017140975.1| PREDICTED: rabankyrin-5 [Drosophila miranda]
>gi|1037047360|ref|XP_017140980.1| PREDICTED: uncharacterized protein LOC108154973 isoform X1
>gi|1037047376|ref|XP_017140981.1| PREDICTED: uncharacterized protein LOC108154973 isoform X2
>gi|1037047420|ref|XP_017140984.1| PREDICTED: cytochrome b-c1 complex subunit 6, mitochondrial
>gi|1037047284|ref|XP 017140974.1| PREDICTED: histone-lysine N-methyltransferase SETD1 [Drosop
>gi|1037047408|ref|XP_017140983.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037047392|ref|XP 017140982.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037047312|ref|XP_017140976.1| PREDICTED: uncharacterized protein LOC108154972 isoform X1
>gi|1037047328|ref|XP_017140977.1| PREDICTED: uncharacterized protein LOC108154972 isoform X2
>gi|1037047344|ref|XP_017140978.1| PREDICTED: uncharacterized protein LOC108154972 isoform X2
>gi|1037047251|ref|XP_017140972.1| PREDICTED: fatty acid synthase isoform X1 [Drosophila mirane
>gi|1037047269|ref|XP_017140973.1| PREDICTED: fatty acid synthase isoform X2 [Drosophila mirane
>gi|1037106221|ref|XP_017145467.1| PREDICTED: uncharacterized protein LOC108157788 [Drosophila
>gi|1037106229|ref|XP_017145468.1| PREDICTED: uncharacterized protein LOC108157788 [Drosophila
>gi|1037106235|ref|XP_017145469.1| PREDICTED: uncharacterized protein LOC108157788 [Drosophila
>gi|1037106578|ref|XP_017145515.1| PREDICTED: tensin-2-like [Drosophila miranda]
>gi|1037106586|ref|XP_017145516.1| PREDICTED: tensin-2-like [Drosophila miranda]
>gi|1037102963|ref|XP_017145030.1| PREDICTED: chymotrypsin-like protease CTRL-1 [Drosophila mi
>gi|1037102973|ref|XP_017145031.1| PREDICTED: chymotrypsin-like protease CTRL-1 [Drosophila mi
>gi|1037095244|ref|XP 017144323.1| PREDICTED: uncharacterized protein LOC108157024 isoform X2
>gi|1037095216|ref|XP_017144321.1| PREDICTED: uncharacterized protein LOC108157024 isoform X1
>gi|1037095230|ref|XP_017144322.1| PREDICTED: uncharacterized protein LOC108157024 isoform X1
>gi|1037102509|ref|XP_017144984.1| PREDICTED: uncharacterized protein LOC108157441 isoform X1
>gi|1037102521|ref|XP_017144985.1| PREDICTED: uncharacterized protein LOC108157441 isoform X1
>gi|1037102529|ref|XP_017144986.1| PREDICTED: uncharacterized protein LOC108157441 isoform X2
>gi|1037038977|ref|XP_017140420.1| PREDICTED: uncharacterized protein LOC108154614 [Drosophila
>gi|1037096789|ref|XP_017144456.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096824|ref|XP_017144459.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096800|ref|XP_017144457.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096836|ref|XP_017144460.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096812|ref|XP_017144458.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096848|ref|XP_017144461.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
>gi|1037096862|ref|XP_017144462.1| PREDICTED: glutamine--fructose-6-phosphate aminotransferase
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>gi|1037038253|ref|XP 017140374.1| PREDICTED: mucin-5AC isoform X2 [Drosophila miranda]
>gi|1037038239|ref|XP_017140373.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037038269|ref|XP_017140375.1| PREDICTED: uncharacterized protein LOC108154582 isoform X3
>gi|1037106485|ref|XP_017145504.1| PREDICTED: alpha-N-acetylgalactosaminidase-like isoform X1
>gi|1037106493|ref|XP 017145505.1| PREDICTED: alpha-N-acetylgalactosaminidase-like isoform X2
>gi|1037078991|ref|XP_017143138.1| PREDICTED: uncharacterized protein LOC108156277 isoform X1
>gi|1037079002|ref|XP 017143139.1| PREDICTED: uncharacterized protein LOC108156277 isoform X2
>gi|1037079030|ref|XP_017143141.1| PREDICTED: drosulfakinins [Drosophila miranda]
>gi|1037079016|ref|XP_017143140.1| PREDICTED: beta-mannosidase-like [Drosophila miranda]
>gi|1037093464|ref|XP_017144191.1| PREDICTED: beta-mannosidase [Drosophila miranda]
>gi|1037093478|ref|XP_017144192.1| PREDICTED: uncharacterized protein LOC108156940 [Drosophila
>gi|1037093492|ref|XP_017144193.1| PREDICTED: uncharacterized protein LOC108156940 [Drosophila
>gi|1037106743|ref|XP_017145538.1| PREDICTED: uncharacterized protein LOC108157846 [Drosophila
>gi|1037068068|ref|XP_017142381.1| PREDICTED: cyclin-G-associated kinase [Drosophila miranda]
>gi|1037068083|ref|XP_017142382.1| PREDICTED: guanine deaminase [Drosophila miranda]
>gi|1037068099|ref|XP_017142383.1| PREDICTED: pre-mRNA-splicing factor RBM22 [Drosophila mirane
>gi|1037081173|ref|XP_017143294.1| PREDICTED: ATP-dependent RNA helicase abstrakt [Drosophila i
>gi|1037081160|ref|XP_017143293.1| PREDICTED: gelsolin isoform X2 [Drosophila miranda]
>gi|1037081148|ref|XP_017143292.1| PREDICTED: gelsolin isoform X1 [Drosophila miranda]
>gi|1037081187|ref|XP 017143295.1| PREDICTED: serine protease snake isoform X1 [Drosophila mire
>gi|1037081201|ref|XP_017143296.1| PREDICTED: uncharacterized protein LOC108156389 isoform X2
>gi|1037081215|ref|XP 017143297.1| PREDICTED: uncharacterized protein LOC108156390 [Drosophila
>gi|1037036907|ref|XP_017140295.1| PREDICTED: uncharacterized protein LOC108154506 [Drosophila
>gi|1037038787|ref|XP_017140408.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037035752|ref|XP_017140227.1| PREDICTED: adenylate cyclase, terminal-differentiation spec
>gi|1037038088|ref|XP_017140362.1| PREDICTED: uncharacterized protein LOC108154573 [Drosophila
>gi|1037035631|ref|XP_017140220.1| PREDICTED: odorant receptor 82a [Drosophila miranda]
>gi|1037033818|ref|XP_017140120.1| PREDICTED: omega-amidase NIT2-like [Drosophila miranda]
>gi|1037090527|ref|XP_017143981.1| PREDICTED: uncharacterized protein LOC108156805 [Drosophila
>gi|1037090543|ref|XP_017143982.1| PREDICTED: ankyrin repeat, PH and SEC7 domain containing pro-
>gi|1037090557|ref|XP_017143983.1| PREDICTED: complexin isoform X1 [Drosophila miranda]
>gi|1037090571|ref|XP_017143985.1| PREDICTED: complexin isoform X1 [Drosophila miranda]
>gi|1037090585|ref|XP 017143986.1| PREDICTED: complexin isoform X1 [Drosophila miranda]
>gi|1037090599|ref|XP_017143987.1| PREDICTED: complexin isoform X1 [Drosophila miranda]
>gi|1037090613|ref|XP 017143988.1| PREDICTED: complexin isoform X2 [Drosophila miranda]
>gi|1037090627|ref|XP_017143989.1| PREDICTED: complexin isoform X3 [Drosophila miranda]
>gi|1037090641|ref|XP 017143990.1| PREDICTED: complexin isoform X4 [Drosophila miranda]
>gi|1037090514|ref|XP_017143980.1| PREDICTED: uncharacterized protein LOC108156804 [Drosophila
>gi|1037096934|ref|XP_017144468.1| PREDICTED: serine protease easter [Drosophila miranda]
>gi|1037096946|ref|XP_017144469.1| PREDICTED: charged multivesicular body protein 3 [Drosophile
>gi|1037092548|ref|XP_017144128.1| PREDICTED: ATP-dependent RNA helicase SUV3 homolog, mitocho:
>gi|1037092562|ref|XP_017144129.1| PREDICTED: synaptotagmin-16 [Drosophila miranda]
>gi|1037071455|ref|XP 017142614.1| PREDICTED: uncharacterized protein LOC108155960 isoform X1
>gi|1037071471|ref|XP_017142615.1| PREDICTED: uncharacterized protein LOC108155960 isoform X1
>gi|1037071487|ref|XP_017142617.1| PREDICTED: uncharacterized protein LOC108155960 isoform X1
>gi|1037071501|ref|XP_017142618.1| PREDICTED: uncharacterized protein LOC108155960 isoform X2
>gi|1037071549|ref|XP_017142621.1| PREDICTED: AF4/FMR2 family member 4 isoform X5 [Drosophila i
>gi|1037071533|ref|XP_017142620.1| PREDICTED: GATA zinc finger domain-containing protein 6 iso
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>gi|1037071567|ref|XP 017142622.1| PREDICTED: AF4/FMR2 family member 4 isoform X6 [Drosophila 1
>gi|1037071517|ref|XP_017142619.1| PREDICTED: uncharacterized protein LOC108155960 isoform X3
>gi|1037071423|ref|XP_017142612.1| PREDICTED: zinc finger matrin-type protein CG9776 isoform X
>gi|1037071439|ref|XP_017142613.1| PREDICTED: zinc finger matrin-type protein CG9776 isoform X
>gi|1037076263|ref|XP 017142946.1| PREDICTED: uncharacterized protein LOC108156143 [Drosophila
>gi|1037076216|ref|XP_017142944.1| PREDICTED: S-phase kinase-associated protein 2 [Drosophila in the content of the content of
>gi|1037076233|ref|XP 017142945.1| PREDICTED: uncharacterized protein LOC108156141 [Drosophila
>gi|1037103629|ref|XP_017145107.1| PREDICTED: Krueppel-like factor 16 [Drosophila miranda]
>gi|1037100943|ref|XP_017144834.1| PREDICTED: probable sodium/potassium/calcium exchanger CG10
>gi|1037101911|ref|XP_017144922.1| PREDICTED: sideroflexin-1 [Drosophila miranda]
>gi|1037079115|ref|XP_017143148.1| PREDICTED: contactin [Drosophila miranda]
>gi|1037085089|ref|XP 017143592.1| PREDICTED: protein Tube [Drosophila miranda]
>gi|1037085101|ref|XP_017143593.1| PREDICTED: E3 ubiquitin-protein ligase TM129 [Drosophila mi
>gi|1037085115|ref|XP_017143594.1| PREDICTED: uncharacterized protein LOC108156571 [Drosophila
>gi|1037097506|ref|XP_017144521.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 [Drosophila m
>gi|1037097520|ref|XP_017144522.1| PREDICTED: E3 ubiquitin-protein ligase MARCH5 [Drosophila m
>gi|1037022918|ref|XP_017139450.1| PREDICTED: Golgi to ER traffic protein 4 homolog, partial [
>gi|1037093255|ref|XP_017144174.1| PREDICTED: Golgi to ER traffic protein 4 homolog [Drosophile
>gi|1037093269|ref|XP_017144175.1| PREDICTED: Golgi to ER traffic protein 4 homolog [Drosophile
>gi|1037093283|ref|XP 017144177.1| PREDICTED: BTB/POZ domain-containing protein KCTD9 isoform
>gi|1037093297|ref|XP_017144178.1| PREDICTED: BTB/POZ domain-containing protein KCTD9 isoform
>gi|1037080299|ref|XP_017143226.1| PREDICTED: methenyltetrahydrofolate synthase domain-contain
>gi|1037080265|ref|XP_017143224.1| PREDICTED: serine/threonine-protein kinase 32A isoform X1 [
>gi|1037080279|ref|XP_017143225.1| PREDICTED: serine/threonine-protein kinase 32A isoform X2 [
>gi|1037080331|ref|XP_017143228.1| PREDICTED: uncharacterized protein LOC108156340 [Drosophila
>gi|1037080313|ref|XP_017143227.1| PREDICTED: ubiquilin [Drosophila miranda]
>gi|1037060524|ref|XP_017141879.1| PREDICTED: uncharacterized protein LOC108155529 [Drosophila
>gi|1037060551|ref|XP_017141880.1| PREDICTED: uncharacterized protein LOC108155530 isoform X1
>gi|1037060565|ref|XP_017141881.1| PREDICTED: uncharacterized protein LOC108155530 isoform X2
>gi|1037060508|ref|XP_017141878.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037060066|ref|XP_017141846.1| PREDICTED: tRNA (guanine(10)-N2)-methyltransferase homolog
>gi|1037060163|ref|XP_017141853.1| PREDICTED: putative lipoyltransferase 2, mitochondrial [Dropleton of the control of the con
>gi|1037060034|ref|XP 017141844.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037060050|ref|XP_017141845.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037060084|ref|XP 017141847.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037060102|ref|XP_017141849.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037060118|ref|XP_017141850.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037060133|ref|XP_017141851.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037060149|ref|XP_017141852.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037078713|ref|XP_017143116.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037078725|ref|XP_017143117.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037078737|ref|XP_017143118.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037078749|ref|XP_017143119.1| PREDICTED: elongation of very long chain fatty acids protein
>gi|1037069646|ref|XP_017142493.1| PREDICTED: uncharacterized protein LOC108155878 isoform X2
>gi|1037069674|ref|XP_017142494.1| PREDICTED: uncharacterized protein LOC108155878 isoform X2
>gi|1037069690|ref|XP_017142495.1| PREDICTED: uncharacterized protein LOC108155879 [Drosophila
>gi|1037069706|ref|XP_017142496.1| PREDICTED: uncharacterized protein LOC108155879 [Drosophila
>gi|1037069614|ref|XP_017142490.1| PREDICTED: uncharacterized protein LOC108155878 isoform X1
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>gi|1037069632|ref|XP_017142491.1| PREDICTED: uncharacterized protein LOC108155878 isoform X1
>gi|1037048108|ref|XP_017141026.1| PREDICTED: maternal protein pumilio isoform X1 [Drosophila i
>gi|1037048124|ref|XP_017141027.1| PREDICTED: maternal protein pumilio isoform X2 [Drosophila 1
>gi|1037048189|ref|XP_017141032.1| PREDICTED: maternal protein pumilio isoform X6 [Drosophila i
>gi|1037048158|ref|XP 017141029.1| PREDICTED: maternal protein pumilio isoform X4 [Drosophila 1
>gi|1037048174|ref|XP_017141031.1| PREDICTED: maternal protein pumilio isoform X5 [Drosophila i
>gi|1037048142|ref|XP_017141028.1| PREDICTED: maternal protein pumilio isoform X3 [Drosophila i
>gi|1037048205|ref|XP_017141033.1| PREDICTED: uncharacterized protein LOC108154995 [Drosophila
>gi|1037048221|ref|XP_017141034.1| PREDICTED: uncharacterized protein LOC108154996 [Drosophila
>gi|1037071687|ref|XP_017142632.1| PREDICTED: chromosomal protein D1 [Drosophila miranda]
>gi|1037071701|ref|XP_017142633.1| PREDICTED: chromosomal protein D1 [Drosophila miranda]
>gi|1037071673|ref|XP_017142631.1| PREDICTED: dipeptidyl peptidase 9 [Drosophila miranda]
>gi|1037071712|ref|XP_017142634.1| PREDICTED: acylphosphatase-2 [Drosophila miranda]
>gi|1037039892|ref|XP_017140482.1| PREDICTED: uncharacterized protein LOC108154656 [Drosophila
>gi|1037039878|ref|XP_017140481.1| PREDICTED: putative uncharacterized protein DDB_G0271606 [D:
>gi|1037039864|ref|XP_017140480.1| PREDICTED: uncharacterized protein LOC108154654 [Drosophila
>gi|1037039756|ref|XP_017140471.1| PREDICTED: HEAT repeat-containing protein 5B isoform X2 [Dref|XP_017140471.1]
>gi|1037039740|ref|XP 017140470.1| PREDICTED: HEAT repeat-containing protein 5B isoform X1 [Dro
>gi|1037039772|ref|XP_017140472.1| PREDICTED: HEAT repeat-containing protein 5B isoform X3 [Dr
>gi|1037039914|ref|XP 017140483.1| PREDICTED: uncharacterized protein LOC108154657 [Drosophila
>gi|1037039944|ref|XP_017140485.1| PREDICTED: probable 18S rRNA (guanine-N(7))-methyltransfera
>gi|1037039958|ref|XP 017140486.1| PREDICTED: dnaJ homolog subfamily C member 30 [Drosophila m
>gi|1037039848|ref|XP_017140479.1| PREDICTED: protein unc-45 homolog B [Drosophila miranda]
>gi|1037039928|ref|XP_017140484.1| PREDICTED: aquaporin-2 [Drosophila miranda]
>gi|1037022936|ref|XP_017139451.1| PREDICTED: uncharacterized protein LOC108153865 [Drosophila
>gi|1037022952|ref|XP_017139453.1| PREDICTED: uncharacterized protein LOC108153866 [Drosophila
>gi|1037039786|ref|XP_017140473.1| PREDICTED: transcription factor mef2A isoform X1 [Drosophile
>gi|1037039800|ref|XP_017140476.1| PREDICTED: transcription factor mef2A isoform X1 [Drosophile
>gi|1037039816|ref|XP_017140477.1| PREDICTED: transcription factor mef2A isoform X1 [Drosophile
>gi|1037039832|ref|XP_017140478.1| PREDICTED: ataxin-2 homolog isoform X2 [Drosophila miranda]
>gi|1037022972|ref|XP_017139454.1| PREDICTED: uncharacterized protein LOC108153867 [Drosophila
>gi|1037022990|ref|XP_017139455.1| PREDICTED: uncharacterized protein LOC108153868 [Drosophila
>gi|1037098096|ref|XP 017144578.1| PREDICTED: uncharacterized protein LOC108157170 [Drosophila
>gi|1037076471|ref|XP_017142959.1| PREDICTED: transforming acidic coiled-coil-containing prote
>gi|1037076437|ref|XP 017142957.1| PREDICTED: transforming acidic coiled-coil-containing prote
>gi|1037076421|ref|XP_017142956.1| PREDICTED: transforming acidic coiled-coil-containing prote
>gi|1037076453|ref|XP 017142958.1| PREDICTED: transforming acidic coiled-coil-containing prote
>gi|1037101075|ref|XP_017144847.1| PREDICTED: membrane metallo-endopeptidase-like 1 isoform X1
>gi|1037101083|ref|XP_017144848.1| PREDICTED: membrane metallo-endopeptidase-like 1 isoform X2
>gi|1037093749|ref|XP_017144207.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037093707|ref|XP_017144203.1| PREDICTED: kelch-like protein 7 isoform X1 [Drosophila mirates
>gi|1037093721|ref|XP_017144205.1| PREDICTED: kelch-like protein 7 isoform X2 [Drosophila mirates
>gi|1037093735|ref|XP_017144206.1| PREDICTED: uncharacterized protein LOC108156948 isoform X3
>gi|1037069800|ref|XP_017142503.1| PREDICTED: formin-J isoform X2 [Drosophila miranda]
>gi|1037069768|ref|XP_017142500.1| PREDICTED: formin-J isoform X1 [Drosophila miranda]
>gi|1037069784|ref|XP_017142502.1| PREDICTED: formin-J isoform X1 [Drosophila miranda]
>gi|1037069834|ref|XP_017142505.1| PREDICTED: dual specificity protein kinase splA isoform X4
>gi|1037069850|ref|XP_017142506.1| PREDICTED: dual specificity protein kinase splA isoform X5
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>gi|1037069818|ref|XP_017142504.1| PREDICTED: formin-J isoform X3 [Drosophila miranda]
>gi|1037069862|ref|XP_017142507.1| PREDICTED: uncharacterized protein CG43427 isoform X6 [Dros
>gi|1037023008|ref|XP_017139457.1| PREDICTED: uncharacterized protein LOC108153869 [Drosophila
>gi|1037023025|ref|XP_017139458.1| PREDICTED: uncharacterized protein LOC108153870 [Drosophila
>gi|1037023043|ref|XP 017139459.1| PREDICTED: uncharacterized protein LOC108153871 [Drosophila
>gi|1037104073|ref|XP_017145163.1| PREDICTED: zinc finger protein 878 isoform X1 [Drosophila m
>gi|1037104081|ref|XP_017145165.1| PREDICTED: oocyte zinc finger protein X1C0F22 isoform X2 [Di
>gi|1037095369|ref|XP_017144332.1| PREDICTED: protein SON [Drosophila miranda]
>gi|1037023061|ref|XP_017139461.1| PREDICTED: uncharacterized protein LOC108153872 [Drosophila
>gi|1037091250|ref|XP_017144035.1| PREDICTED: importin subunit alpha-4 [Drosophila miranda]
>gi|1037102314|ref|XP_017144964.1| PREDICTED: mitochondrial pyruvate carrier 2 [Drosophila mire
>gi|1037106362|ref|XP 017145486.1| PREDICTED: mitochondrial pyruvate carrier 2-like [Drosophile
>gi|1037106370|ref|XP_017145487.1| PREDICTED: mitochondrial pyruvate carrier 2-like [Drosophile
>gi|1037058944|ref|XP_017141766.1| PREDICTED: vacuolar protein sorting-associated protein 45 [
>gi|1037058914|ref|XP_017141764.1| PREDICTED: IQ and AAA domain-containing protein 1 isoform X
>gi|1037058930|ref|XP_017141765.1| PREDICTED: IQ and AAA domain-containing protein 1 isoform X
>gi|1037059051|ref|XP_017141773.1| PREDICTED: U6 snRNA phosphodiesterase [Drosophila miranda]
>gi|1037059021|ref|XP 017141771.1| PREDICTED: metaxin-1 homolog isoform X1 [Drosophila miranda
>gi|1037059037|ref|XP_017141772.1| PREDICTED: metaxin-1 homolog isoform X2 [Drosophila miranda]
>gi|1037059006|ref|XP 017141770.1| PREDICTED: methyl-CpG-binding domain protein 2 isoform X2 [
>gi|1037058990|ref|XP_017141769.1| PREDICTED: methyl-CpG-binding domain protein 2 isoform X1 [
>gi|1037058976|ref|XP 017141768.1| PREDICTED: AP-1 complex subunit mu-1 [Drosophila miranda]
>gi|1037058960|ref|XP_017141767.1| PREDICTED: 2-oxoisovalerate dehydrogenase subunit alpha, mi
>gi|1037092948|ref|XP_017144153.1| PREDICTED: probable tRNA (uracil-0(2)-)-methyltransferase [
>gi|1037092990|ref|XP_017144157.1| PREDICTED: RNA-binding protein with serine-rich domain 1-B
>gi|1037092976|ref|XP_017144155.1| PREDICTED: RNA-binding protein with serine-rich domain 1-B
>gi|1037092962|ref|XP_017144154.1| PREDICTED: RNA-binding protein with serine-rich domain 1-B
>gi|1037102333|ref|XP_017144966.1| PREDICTED: uncharacterized protein LOC108157428 isoform X1
>gi|1037102343|ref|XP_017144967.1| PREDICTED: uncharacterized protein LOC108157428 isoform X2
>gi|1037081782|ref|XP_017143342.1| PREDICTED: DNA polymerase alpha catalytic subunit [Drosophi
>gi|1037081795|ref|XP_017143343.1| PREDICTED: uncharacterized protein LOC108156409 [Drosophila
>gi|1037063920|ref|XP_017142111.1| PREDICTED: uncharacterized protein LOC108155660 [Drosophila
>gi|1037063933|ref|XP 017142112.1| PREDICTED: protein archease-like [Drosophila miranda]
>gi|1037063858|ref|XP_017142107.1| PREDICTED: transcription factor E2f1 [Drosophila miranda]
>gi|1037063873|ref|XP 017142108.1| PREDICTED: transcription factor E2f1 [Drosophila miranda]
>gi|1037063889|ref|XP_017142109.1| PREDICTED: transcription factor E2f1 [Drosophila miranda]
>gi|1037063906|ref|XP 017142110.1| PREDICTED: transcription factor E2f1 [Drosophila miranda]
>gi|1037023078|ref|XP_017139462.1| PREDICTED: GTPase-activating protein RacGAP84C-like, partia
>gi|1037097794|ref|XP_017144549.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1037097784|ref|XP_017144548.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1037097803|ref|XP_017144550.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1037034374|ref|XP_017140155.1| PREDICTED: V-type proton ATPase 16 kDa proteolipid subunit-
>gi|1037034391|ref|XP_017140156.1| PREDICTED: V-type proton ATPase 16 kDa proteolipid subunit-
>gi|1037035081|ref|XP_017140196.1| PREDICTED: V-type proton ATPase 16 kDa proteolipid subunit-
>gi|1037062140|ref|XP_017141987.1| PREDICTED: insulin-like receptor [Drosophila miranda]
>gi|1037062156|ref|XP_017141988.1| PREDICTED: insulin-like receptor [Drosophila miranda]
>gi|1037023095|ref|XP_017139463.1| PREDICTED: acyl-CoA Delta(11) desaturase-like [Drosophila m
>gi|1037096110|ref|XP_017144395.1| PREDICTED: adenosine 3'-phospho 5'-phosphosulfate transport
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>gi|1037096123|ref|XP_017144396.1| PREDICTED: uncharacterized protein LOC108157072 [Drosophila
>gi|1037038062|ref|XP_017140360.1| PREDICTED: pupal cuticle protein Edg-91 isoform X2 [Drosoph
>gi|1037038050|ref|XP_017140359.1| PREDICTED: pupal cuticle protein Edg-91 isoform X1 [Drosoph
>gi|1037038961|ref|XP_017140419.1| PREDICTED: keratin-associated protein 19-2 [Drosophila mirated protein 19-2]
>gi|1037037891|ref|XP_017140352.1| PREDICTED: pupal cuticle protein Edg-91 [Drosophila miranda]
>gi|1037040857|ref|XP_017140548.1| PREDICTED: acanthoscurrin-1 [Drosophila miranda]
>gi|1037023113|ref|XP 017139464.1| PREDICTED: translation initiation factor IF-2 [Drosophila m
>gi|1037023131|ref|XP_017139465.1| PREDICTED: uncharacterized protein LOC108153876 [Drosophila
>gi|1037035649|ref|XP_017140221.1| PREDICTED: attacin-A [Drosophila miranda]
>gi|1037106689|ref|XP_017145531.1| PREDICTED: uncharacterized protein LOC108157839 [Drosophila
>gi|1037050510|ref|XP_017141192.1| PREDICTED: uncharacterized protein LOC108155085 isoform X1
>gi|1037050524|ref|XP_017141193.1| PREDICTED: uncharacterized protein LOC108155085 isoform X1
>gi|1037050540|ref|XP_017141194.1| PREDICTED: uncharacterized protein LOC108155085 isoform X2
>gi|1037050634|ref|XP_017141201.1| PREDICTED: bax inhibitor 1-like [Drosophila miranda]
>gi|1037050618|ref|XP_017141200.1| PREDICTED: transmembrane protein 192 [Drosophila miranda]
>gi|1037050602|ref|XP_017141198.1| PREDICTED: serine/threonine-protein kinase shk1/pak1 [Droso
>gi|1037050586|ref|XP_017141197.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037050554|ref|XP_017141195.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037050570|ref|XP_017141196.1| PREDICTED: putative mediator of RNA polymerase II transcrip
>gi|1037052014|ref|XP 017141297.1| PREDICTED: splicing factor 3A subunit 3 [Drosophila miranda]
>gi|1037052029|ref|XP_017141298.1| PREDICTED: mitotic spindle assembly checkpoint protein MAD2
>gi|1037051884|ref|XP_017141288.1| PREDICTED: serine/arginine repetitive matrix protein 2 [Dros
>gi|1037051900|ref|XP_017141289.1| PREDICTED: serine/arginine repetitive matrix protein 2 [Dros
>gi|1037051936|ref|XP_017141291.1| PREDICTED: dihydropyrimidinase isoform X2 [Drosophila miran
>gi|1037051918|ref|XP_017141290.1| PREDICTED: dihydropyrimidinase isoform X1 [Drosophila miran-
>gi|1037051952|ref|XP_017141292.1| PREDICTED: dihydropyrimidinase 2 isoform X3 [Drosophila mire
>gi|1037051998|ref|XP_017141296.1| PREDICTED: dihydropyrimidinase-related protein 3 isoform X6
>gi|1037051968|ref|XP_017141294.1| PREDICTED: dihydropyrimidinase isoform X4 [Drosophila miran-
>gi|1037051984|ref|XP_017141295.1| PREDICTED: dihydropyrimidinase isoform X5 [Drosophila mirane
>gi|1037032364|ref|XP_017140031.1| PREDICTED: uncharacterized protein LOC108154292 isoform X1
>gi|1037032382|ref|XP_017140032.1| PREDICTED: uncharacterized protein LOC108154292 isoform X2
>gi|1037093311|ref|XP_017144179.1| PREDICTED: uncharacterized protein LOC108156932 [Drosophila
>gi|1037093325|ref|XP 017144180.1| PREDICTED: uncharacterized protein LOC108156932 [Drosophila
>gi|1037093339|ref|XP_017144181.1| PREDICTED: uncharacterized protein LOC108156932 [Drosophila
>gi|1037093353|ref|XP 017144182.1| PREDICTED: uncharacterized protein LOC108156932 [Drosophila
>gi|1037076079|ref|XP_017142934.1| PREDICTED: uncharacterized protein LOC108156132 [Drosophila
>gi|1037076064|ref|XP 017142933.1| PREDICTED: LOW QUALITY PROTEIN: tankyrase [Drosophila miran
>gi|1037089110|ref|XP_017143866.1| PREDICTED: probable serine/threonine-protein kinase cdc7 [Di
>gi|1037089128|ref|XP_017143867.1| PREDICTED: probable serine/threonine-protein kinase cdc7 [Di
>gi|1037089142|ref|XP_017143868.1| PREDICTED: probable serine/threonine-protein kinase cdc7 [Di
>gi|1037080415|ref|XP_017143235.1| PREDICTED: relaxin receptor 2 [Drosophila miranda]
>gi|1037080471|ref|XP_017143239.1| PREDICTED: zinc finger protein OZF [Drosophila miranda]
>gi|1037080499|ref|XP_017143241.1| PREDICTED: uncharacterized protein LOC108156351 [Drosophila
>gi|1037080457|ref|XP_017143238.1| PREDICTED: S-adenosylmethionine mitochondrial carrier prote
>gi|1037080443|ref|XP_017143237.1| PREDICTED: isocitrate dehydrogenase [NAD] subunit gamma, mi
>gi|1037080429|ref|XP_017143236.1| PREDICTED: isocitrate dehydrogenase [NAD] subunit gamma, mi
>gi|1037080485|ref|XP_017143240.1| PREDICTED: 60S ribosomal protein L27 [Drosophila miranda]
>gi|1037098387|ref|XP_017144610.1| PREDICTED: probable cardiolipin synthase (CMP-forming) [Dros
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>gi|1037071807|ref|XP_017142640.1| PREDICTED: low-density lipoprotein receptor isoform X3 [Dros
>gi|1037071838|ref|XP_017142641.1| PREDICTED: low-density lipoprotein receptor isoform X4 [Droplet of the content of the conte
>gi|1037071775|ref|XP_017142638.1| PREDICTED: low-density lipoprotein receptor isoform X1 [Dros
>gi|1037071854|ref|XP_017142642.1| PREDICTED: low-density lipoprotein receptor isoform X5 [Dros
>gi|1037071791|ref|XP_017142639.1| PREDICTED: low-density lipoprotein receptor isoform X2 [Dros
>gi|1037071868|ref|XP_017142643.1| PREDICTED: low-density lipoprotein receptor isoform X6 [Dros
>gi|1037071923|ref|XP_017142645.1| PREDICTED: low-density lipoprotein receptor isoform X8 [Dros
>gi|1037071892|ref|XP_017142644.1| PREDICTED: low-density lipoprotein receptor isoform X7 [Dros
>gi|1037071941|ref|XP_017142646.1| PREDICTED: LOW QUALITY PROTEIN: very low-density lipoprotein
>gi|1037096671|ref|XP_017144445.1| PREDICTED: myosin-9-like [Drosophila miranda]
>gi|1037032969|ref|XP_017140070.1| PREDICTED: probable palmitoyltransferase ZDHHC24 [Drosophile
>gi|1037105991|ref|XP 017145435.1| PREDICTED: uncharacterized protein LOC108157764 [Drosophila
>gi|1037036977|ref|XP_017140299.1| PREDICTED: uncharacterized protein LOC108154509 isoform X2
>gi|1037036960|ref|XP_017140298.1| PREDICTED: uncharacterized protein LOC108154509 isoform X1
>gi|1037106386|ref|XP_017145489.1| PREDICTED: uncharacterized protein LOC108157806 [Drosophila
>gi|1037104422|ref|XP_017145211.1| PREDICTED: calmodulin-like [Drosophila miranda]
>gi|1037104432|ref|XP_017145212.1| PREDICTED: calmodulin-like [Drosophila miranda]
>gi|1037104440|ref|XP 017145213.1| PREDICTED: calmodulin-related protein 97A-like [Drosophila 1
>gi|1037104448|ref|XP_017145214.1| PREDICTED: calmodulin-related protein 97A-like [Drosophila 1
>gi|1037103667|ref|XP 017145112.1| PREDICTED: protein TolA [Drosophila miranda]
>gi|1037023147|ref|XP_017139466.1| PREDICTED: uncharacterized protein LOC108153877 [Drosophila
>gi|1037094502|ref|XP 017144266.1| PREDICTED: uncharacterized protein LOC108156984 [Drosophila
>gi|1037094516|ref|XP_017144267.1| PREDICTED: uncharacterized protein LOC108156984 [Drosophila
>gi|1037094488|ref|XP_017144264.1| PREDICTED: beta-taxilin [Drosophila miranda]
>gi|1037104804|ref|XP_017145265.1| PREDICTED: Kv channel-interacting protein 1 [Drosophila mire
>gi|1037104812|ref|XP_017145267.1| PREDICTED: Kv channel-interacting protein 1 [Drosophila mire
>gi|1037084074|ref|XP_017143514.1| PREDICTED: CD81 antigen [Drosophila miranda]
>gi|1037064178|ref|XP_017142128.1| PREDICTED: V-type proton ATPase subunit E [Drosophila miran-
>gi|1037064132|ref|XP_017142124.1| PREDICTED: protein krasavietz [Drosophila miranda]
>gi|1037064148|ref|XP_017142125.1| PREDICTED: protein krasavietz [Drosophila miranda]
>gi|1037064164|ref|XP_017142127.1| PREDICTED: uncharacterized protein LOC108155674 [Drosophila
>gi|1037064194|ref|XP_017142129.1| PREDICTED: protein KRTCAP2 homolog [Drosophila miranda]
>gi|1037094708|ref|XP 017144281.1| PREDICTED: 28S ribosomal protein S18a, mitochondrial [Droso
>gi|1037094692|ref|XP_017144280.1| PREDICTED: pachytene checkpoint protein 2 homolog [Drosophi
>gi|1037023163|ref|XP 017139467.1| PREDICTED: putative odorant receptor 85d [Drosophila mirand
>gi|1037037628|ref|XP_017140338.1| PREDICTED: uncharacterized protein LOC108154546 [Drosophila
>gi|1037106137|ref|XP_017145455.1| PREDICTED: transmembrane protein 135-like [Drosophila mirane
>gi|1037096683|ref|XP_017144446.1| PREDICTED: transmembrane protein 135 [Drosophila miranda]
>gi|1037096697|ref|XP_017144447.1| PREDICTED: transmembrane protein 135 [Drosophila miranda]
>gi|1037037380|ref|XP_017140324.1| PREDICTED: odorant receptor 85c [Drosophila miranda]
>gi|1037106602|ref|XP_017145519.1| PREDICTED: odorant receptor 85b-like [Drosophila miranda]
>gi|1037046571|ref|XP_017140927.1| PREDICTED: irregular chiasm C-roughest protein isoform X3 [
>gi|1037046539|ref|XP_017140925.1| PREDICTED: uncharacterized protein LOC108154943 isoform X1
>gi|1037046555|ref|XP_017140926.1| PREDICTED: uncharacterized protein LOC108154943 isoform X2
>gi|1037046605|ref|XP_017140929.1| PREDICTED: hemicentin-2 isoform X5 [Drosophila miranda]
>gi|1037046587|ref|XP_017140928.1| PREDICTED: hemicentin-2 isoform X4 [Drosophila miranda]
>gi|1037022499|ref|XP_017139424.1| PREDICTED: uncharacterized protein LOC108153837 [Drosophila
>gi|1037046633|ref|XP_017140931.1| PREDICTED: zinc finger protein 383 isoform X1 [Drosophila m
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>gi|1037046649|ref|XP_017140932.1| PREDICTED: zinc finger protein 383 isoform X2 [Drosophila m
>gi|1037046663|ref|XP_017140933.1| PREDICTED: adenosine deaminase-like protein [Drosophila mire
>gi|1037046619|ref|XP_017140930.1| PREDICTED: protein Red [Drosophila miranda]
>gi|1037046473|ref|XP_017140920.1| PREDICTED: jmjC domain-containing histone demethylation pro
>gi|1037046489|ref|XP_017140921.1| PREDICTED: jmjC domain-containing histone demethylation pro
>gi|1037046505|ref|XP_017140922.1| PREDICTED: jmjC domain-containing histone demethylation pro
>gi|1037046521|ref|XP 017140924.1| PREDICTED: jmjC domain-containing histone demethylation pro
>gi|1037102426|ref|XP_017144975.1| PREDICTED: vasotab [Drosophila miranda]
>gi|1037102414|ref|XP 017144974.1| PREDICTED: iron-sulfur cluster assembly scaffold protein Is-
>gi|1037038601|ref|XP_017140397.1| PREDICTED: UPF0668 protein C10orf76 [Drosophila miranda]
>gi|1037038396|ref|XP_017140383.1| PREDICTED: tight junction protein ZO-1 isoform X1 [Drosophi
>gi|1037038412|ref|XP_017140384.1| PREDICTED: tight junction protein ZO-1 isoform X2 [Drosophi
>gi|1037038430|ref|XP_017140385.1| PREDICTED: tight junction protein ZO-1 isoform X3 [Drosophi
>gi|1037038446|ref|XP_017140386.1| PREDICTED: tight junction protein ZO-1 isoform X4 [Drosophi
>gi|1037038462|ref|XP_017140387.1| PREDICTED: tight junction protein ZO-1 isoform X5 [Drosophi
>gi|1037038478|ref|XP_017140389.1| PREDICTED: uncharacterized protein LOC108154591 isoform X6
>gi|1037038490|ref|XP_017140390.1| PREDICTED: uncharacterized protein LOC108154591 isoform X7
>gi|1037038538|ref|XP_017140393.1| PREDICTED: tight junction protein ZO-1 isoform X10 [Drosoph
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>gi|1037038520|ref|XP 017140392.1| PREDICTED: tight junction protein ZO-2 isoform X9 [Drosophi
>gi|1037038553|ref|XP_017140394.1| PREDICTED: tight junction protein ZO-2 isoform X11 [Drosoph
>gi|1037038663|ref|XP 017140401.1| PREDICTED: uncharacterized protein LOC108154597 isoform X2
>gi|1037038651|ref|XP_017140400.1| PREDICTED: uncharacterized protein LOC108154597 isoform X1
>gi|1037038619|ref|XP_017140398.1| PREDICTED: maternal effect protein oskar isoform X1 [Drosop
>gi|1037038636|ref|XP_017140399.1| PREDICTED: maternal effect protein oskar isoform X2 [Drosop
>gi|1037038569|ref|XP_017140395.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1037038583|ref|XP_017140396.1| PREDICTED: prominin-like protein [Drosophila miranda]
>gi|1037038772|ref|XP_017140407.1| PREDICTED: succinyl-CoA ligase [ADP-forming] subunit beta,
>gi|1037038724|ref|XP_017140404.1| PREDICTED: succinyl-CoA ligase [ADP-forming] subunit beta,
>gi|1037038740|ref|XP_017140405.1| PREDICTED: succinyl-CoA ligase [ADP-forming] subunit beta,
>gi|1037038756|ref|XP_017140406.1| PREDICTED: succinyl-CoA ligase [ADP-forming] subunit beta,
>gi|1037038708|ref|XP_017140403.1| PREDICTED: beta-catenin-like protein 1 [Drosophila miranda]
>gi|1037103808|ref|XP_017145130.1| PREDICTED: uncharacterized protein LOC108157538 [Drosophila
>gi|1037078833|ref|XP_017143126.1| PREDICTED: uncharacterized protein LOC108156269 [Drosophila
>gi|1037078847|ref|XP 017143127.1| PREDICTED: uncharacterized protein LOC108156269 [Drosophila
>gi|1037078889|ref|XP_017143130.1| PREDICTED: chymotrypsin-2 [Drosophila miranda]
>gi|1037078861|ref|XP 017143128.1| PREDICTED: UPF0528 protein CG10038 isoform X1 [Drosophila m
>gi|1037078875|ref|XP_017143129.1| PREDICTED: UPF0528 protein CG10038 isoform X2 [Drosophila m
>gi|1037104388|ref|XP_017145207.1| PREDICTED: uncharacterized protein LOC108157591 [Drosophila
>gi|1037092345|ref|XP_017144112.1| PREDICTED: steroid receptor seven-up, isoforms B/C isoform
>gi|1037092271|ref|XP_017144111.1| PREDICTED: steroid receptor seven-up isoform X1 [Drosophila
>gi|1037035011|ref|XP_017140192.1| PREDICTED: uncharacterized protein F12A10.7 [Drosophila mire
>gi|1037105578|ref|XP_017145377.1| PREDICTED: glycerophosphocholine phosphodiesterase GPCPD1 [
>gi|1037033490|ref|XP_017140100.1| PREDICTED: probable cytochrome P450 313a3 [Drosophila mirane
>gi|1037105620|ref|XP_017145383.1| PREDICTED: probable cytochrome P450 313a1 [Drosophila miran-
>gi|1037105628|ref|XP_017145384.1| PREDICTED: phosphoglycerate mutase 2 [Drosophila miranda]
>gi|1037023179|ref|XP_017139469.1| PREDICTED: chymotrypsin-1 [Drosophila miranda]
>gi|1037023195|ref|XP_017139470.1| PREDICTED: chymotrypsin-2 [Drosophila miranda]
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>gi|1037023213|ref|XP_017139471.1| PREDICTED: chymotrypsin-1 [Drosophila miranda]
>gi|1037106780|ref|XP_017145544.1| PREDICTED: LIM domain-binding protein 3 [Drosophila miranda]
>gi|1037106213|ref|XP_017145466.1| PREDICTED: short-chain specific acyl-CoA dehydrogenase, mit-
>gi|1037090820|ref|XP_017144003.1| PREDICTED: conserved oligomeric Golgi complex subunit 1 [Dr
>gi|1037090836|ref|XP 017144004.1| PREDICTED: glycine-rich protein 5 [Drosophila miranda]
>gi|1037033984|ref|XP_017140130.1| PREDICTED: 4-coumarate--CoA ligase 1 [Drosophila miranda]
>gi|1037106671|ref|XP 017145529.1| PREDICTED: adenosine kinase [Drosophila miranda]
>gi|1037105844|ref|XP_017145414.1| PREDICTED: eukaryotic translation initiation factor 3 subun
>gi|1037105276|ref|XP_017145334.1| PREDICTED: calphotin [Drosophila miranda]
>gi|1037105852|ref|XP_017145416.1| PREDICTED: mucin-5AC [Drosophila miranda]
>gi|1037074127|ref|XP_017142800.1| PREDICTED: uncharacterized protein LOC108156041 isoform X4
>gi|1037074061|ref|XP_017142795.1| PREDICTED: uncharacterized protein LOC108156041 isoform X1
>gi|1037074077|ref|XP_017142796.1| PREDICTED: uncharacterized protein LOC108156041 isoform X1
>gi|1037074093|ref|XP 017142797.1| PREDICTED: uncharacterized protein LOC108156041 isoform X2
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>gi|1037073931|ref|XP 017142786.1| PREDICTED: phospholipid-transporting ATPase ID isoform X5 [
>gi|1037073947|ref|XP_017142787.1| PREDICTED: phospholipid-transporting ATPase ID isoform X6 [
>gi|1037073979|ref|XP 017142790.1| PREDICTED: phospholipid-transporting ATPase ID isoform X8 [
>gi|1037073995|ref|XP_017142791.1| PREDICTED: phospholipid-transporting ATPase ID isoform X9 [
>gi|1037074011|ref|XP_017142792.1| PREDICTED: phospholipid-transporting ATPase ID isoform X10
>gi|1037073839|ref|XP_017142780.1| PREDICTED: phospholipid-transporting ATPase ID isoform X1 [
>gi|1037073854|ref|XP_017142781.1| PREDICTED: phospholipid-transporting ATPase ID isoform X1 [
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>gi|1037073883|ref|XP_017142783.1| PREDICTED: phospholipid-transporting ATPase ID isoform X2 [
>gi|1037073915|ref|XP 017142785.1| PREDICTED: phospholipid-transporting ATPase ID isoform X4 [
>gi|1037073899|ref|XP_017142784.1| PREDICTED: phospholipid-transporting ATPase ID isoform X3 [
>gi|1037073963|ref|XP_017142788.1| PREDICTED: phospholipid-transporting ATPase ID isoform X7 [
>gi|1037105941|ref|XP_017145428.1| PREDICTED: probable citrate synthase, mitochondrial [Drosop
>gi|1037035169|ref|XP_017140201.1| PREDICTED: ubiquitin-conjugating enzyme E2 6 [Drosophila mi
>gi|1037102021|ref|XP_017144934.1| PREDICTED: band 7 protein AGAP004871 [Drosophila miranda]
>gi|1037101966|ref|XP 017144929.1| PREDICTED: uncharacterized protein LOC108157399 [Drosophila
>gi|1037101978|ref|XP_017144930.1| PREDICTED: uncharacterized protein LOC108157400 isoform X1
>gi|1037101991|ref|XP 017144931.1| PREDICTED: band 7 protein AGAP004871-like isoform X2 [Droso
>gi|1037102002|ref|XP_017144932.1| PREDICTED: band 7 protein AGAP004871-like isoform X3 [Droso
>gi|1037102011|ref|XP 017144933.1| PREDICTED: band 7 protein AGAP004871-like isoform X4 [Droso
>gi|1037102031|ref|XP_017144935.1| PREDICTED: uncharacterized protein LOC108157402 [Drosophila
>gi|1037100552|ref|XP_017144793.1| PREDICTED: transcription initiation protein SPT3 homolog [Di
>gi|1037076930|ref|XP_017142990.1| PREDICTED: DDB1- and CUL4-associated factor 12 [Drosophila in the content of the content of
>gi|1037076915|ref|XP_017142989.1| PREDICTED: GRIP and coiled-coil domain-containing protein 2
>gi|1037094722|ref|XP_017144282.1| PREDICTED: kelch-like protein 18 [Drosophila miranda]
>gi|1037058204|ref|XP_017141715.1| PREDICTED: beta-galactosidase [Drosophila miranda]
>gi|1037058251|ref|XP_017141719.1| PREDICTED: tachykinins isoform X1 [Drosophila miranda]
>gi|1037058265|ref|XP_017141720.1| PREDICTED: tachykinins isoform X2 [Drosophila miranda]
>gi|1037058147|ref|XP_017141711.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058162|ref|XP_017141712.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058116|ref|XP 017141709.1| PREDICTED: transforming growth factor-beta-induced protein
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>gi|1037058132|ref|XP_017141710.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058177|ref|XP_017141713.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058187|ref|XP_017141714.1| PREDICTED: transforming growth factor-beta-induced protein
>gi|1037058236|ref|XP_017141718.1| PREDICTED: L-galactose dehydrogenase [Drosophila miranda]
>gi|1037058218|ref|XP 017141717.1| PREDICTED: L-galactose dehydrogenase [Drosophila miranda]
>gi|1037058279|ref|XP_017141721.1| PREDICTED: uncharacterized protein LOC108155425 [Drosophila
>gi|1037032056|ref|XP 017140013.1| PREDICTED: solute carrier family 35 member F6 [Drosophila m
>gi|1037032119|ref|XP_017140018.1| PREDICTED: mitochondrial glutamate carrier 1 [Drosophila mi
>gi|1037032136|ref|XP_017140019.1| PREDICTED: mitochondrial glutamate carrier 1-like [Drosophi
>gi|1037032092|ref|XP_017140015.1| PREDICTED: mitochondrial glutamate carrier 1-like [Drosophi
>gi|1037032106|ref|XP_017140017.1| PREDICTED: mitochondrial glutamate carrier 1-like [Drosophi
>gi|1037031807|ref|XP_017139998.1| PREDICTED: uncharacterized protein LOC108154271 isoform X1
>gi|1037031841|ref|XP_017140000.1| PREDICTED: protein IWS1 homolog isoform X3 [Drosophila mirated
>gi|1037031823|ref|XP_017139999.1| PREDICTED: uncharacterized protein LOC108154271 isoform X2
>gi|1037032037|ref|XP_017140012.1| PREDICTED: aurora kinase C [Drosophila miranda]
>gi|1037031773|ref|XP_017139996.1| PREDICTED: zinc finger protein 829 isoform X1 [Drosophila m
>gi|1037031791|ref|XP_017139997.1| PREDICTED: uncharacterized protein LOC108154270 isoform X2
>gi|1037031612|ref|XP_017139991.1| PREDICTED: arginine/serine-rich protein PNISR [Drosophila m
>gi|1037031648|ref|XP_017139994.1| PREDICTED: ATPase family AAA domain-containing protein 3 [Di
>gi|1037031757|ref|XP 017139995.1| PREDICTED: ATPase family AAA domain-containing protein 3 [Di
>gi|1037031629|ref|XP_017139992.1| PREDICTED: protein asunder [Drosophila miranda]
>gi|1037032074|ref|XP 017140014.1| PREDICTED: uncharacterized protein LOC108154276 [Drosophila
>gi|1037031596|ref|XP_017139990.1| PREDICTED: nucleolar protein 6 [Drosophila miranda]
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>gi|1037031886|ref|XP_017140003.1| PREDICTED: casein kinase I isoform X2 [Drosophila miranda]
>gi|1037031936|ref|XP_017140006.1| PREDICTED: casein kinase I isoform X5 [Drosophila miranda]
>gi|1037031986|ref|XP_017140009.1| PREDICTED: casein kinase I isoform X7 [Drosophila miranda]
>gi|1037031869|ref|XP_017140001.1| PREDICTED: casein kinase I isoform X1 [Drosophila miranda]
>gi|1037031922|ref|XP_017140005.1| PREDICTED: casein kinase I isoform X4 [Drosophila miranda]
>gi|1037031904|ref|XP_017140004.1| PREDICTED: casein kinase I isoform X3 [Drosophila miranda]
>gi|1037032001|ref|XP_017140010.1| PREDICTED: casein kinase I isoform X8 [Drosophila miranda]
>gi|1037032019|ref|XP_017140011.1| PREDICTED: casein kinase I isoform X9 [Drosophila miranda]
>gi|1037101928|ref|XP_017144924.1| PREDICTED: zinc transporter ZIP1 [Drosophila miranda]
>gi|1037082760|ref|XP 017143412.1| PREDICTED: extracellular sulfatase SULF-1 homolog [Drosophi
>gi|1037082774|ref|XP_017143413.1| PREDICTED: extracellular sulfatase SULF-1 homolog [Drosophi
>gi|1037082801|ref|XP 017143415.1| PREDICTED: facilitated trehalose transporter Tret1-like [Dref|XP 017143415.1]
>gi|1037082788|ref|XP_017143414.1| PREDICTED: probable plastidic glucose transporter 2 [Drosop
>gi|1037073595|ref|XP_017142764.1| PREDICTED: serine/arginine-rich splicing factor 1B [Drosoph
>gi|1037073611|ref|XP_017142765.1| PREDICTED: transcription factor Sp4 [Drosophila miranda]
>gi|1037073661|ref|XP_017142768.1| PREDICTED: uncharacterized protein LOC108156027 isoform X3
>gi|1037073627|ref|XP_017142766.1| PREDICTED: uncharacterized protein LOC108156027 isoform X1
>gi|1037073643|ref|XP 017142767.1| PREDICTED: uncharacterized protein LOC108156027 isoform X2
>gi|1037097565|ref|XP_017144527.1| PREDICTED: mesencephalic astrocyte-derived neurotrophic fac
>gi|1037097575|ref|XP_017144528.1| PREDICTED: uncharacterized protein LOC108157138 [Drosophila
>gi|1037102456|ref|XP_017144979.1| PREDICTED: putative SERF-like protein [Drosophila miranda]
>gi|1037104768|ref|XP_017145260.1| PREDICTED: uncharacterized protein LOC108157631 [Drosophila
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>gi|1037102165|ref|XP_017144948.1| PREDICTED: circadian locomoter output cycles protein kaput
>gi|1037102144|ref|XP_017144946.1| PREDICTED: single-minded homolog 2 isoform X1 [Drosophila m
>gi|1037102154|ref|XP_017144947.1| PREDICTED: single-minded homolog 2 isoform X1 [Drosophila m
>gi|1037033470|ref|XP 017140099.1| PREDICTED: uncharacterized protein LOC108154344 isoform X4
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>gi|1037033452|ref|XP 017140098.1| PREDICTED: uncharacterized protein LOC108154344 isoform X3
>gi|1037033434|ref|XP_017140097.1| PREDICTED: uncharacterized protein LOC108154344 isoform X2
>gi|1037050839|ref|XP_017141217.1| PREDICTED: protein farnesyltransferase subunit beta [Drosop
>gi|1037050883|ref|XP_017141220.1| PREDICTED: uncharacterized protein LOC108155102 isoform X2
>gi|1037050871|ref|XP_017141219.1| PREDICTED: armadillo repeat-containing protein 7 isoform X1
>gi|1037050901|ref|XP_017141221.1| PREDICTED: 28S ribosomal protein S33, mitochondrial [Drosop
>gi|1037050793|ref|XP_017141212.1| PREDICTED: protein CLEC16A isoform X2 [Drosophila miranda]
>gi|1037050777|ref|XP_017141211.1| PREDICTED: protein CLEC16A isoform X1 [Drosophila miranda]
>gi|1037050855|ref|XP_017141218.1| PREDICTED: tetratricopeptide repeat protein 1 [Drosophila m
>gi|1037050825|ref|XP_017141216.1| PREDICTED: methionine synthase reductase [Drosophila mirand
>gi|1037050809|ref|XP_017141215.1| PREDICTED: serine/threonine-protein kinase PAK 2 [Drosophile
>gi|1037054821|ref|XP 017141488.1| PREDICTED: techylectin-5A [Drosophila miranda]
>gi|1037054761|ref|XP_017141484.1| PREDICTED: uncharacterized protein LOC108155281 isoform X4
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>gi|1037054732|ref|XP_017141482.1| PREDICTED: uncharacterized protein LOC108155281 isoform X2
>gi|1037054697|ref|XP 017141479.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037054714|ref|XP_017141481.1| PREDICTED: mucin-5AC isoform X1 [Drosophila miranda]
>gi|1037054789|ref|XP_017141486.1| PREDICTED: mucin-5AC isoform X6 [Drosophila miranda]
>gi|1037054777|ref|XP_017141485.1| PREDICTED: mucin-5AC isoform X5 [Drosophila miranda]
>gi|1037054852|ref|XP_017141491.1| PREDICTED: acylphosphatase-2 [Drosophila miranda]
>gi|1037054836|ref|XP_017141490.1| PREDICTED: uroporphyrinogen-III synthase [Drosophila mirand
>gi|1037054805|ref|XP_017141487.1| PREDICTED: protein FAM114A2 [Drosophila miranda]
>gi|1037036661|ref|XP_017140282.1| PREDICTED: uncharacterized protein LOC108154493 [Drosophila
>gi|1037026831|ref|XP_017139698.1| PREDICTED: uncharacterized protein LOC108154093 isoform X1
>gi|1037026849|ref|XP_017139699.1| PREDICTED: uncharacterized protein LOC108154093 isoform X2
>gi|1037027074|ref|XP_017139713.1| PREDICTED: uncharacterized protein LOC108154102 [Drosophila
>gi|1037027164|ref|XP_017139719.1| PREDICTED: syntaxin-18 [Drosophila miranda]
>gi|1037027281|ref|XP_017139727.1| PREDICTED: ras-like GTP-binding protein RhoL [Drosophila mi
>gi|1037027213|ref|XP 017139722.1| PREDICTED: uncharacterized protein LOC108154110 isoform X1
>gi|1037027230|ref|XP_017139724.1| PREDICTED: SAP domain-containing ribonucleoprotein isoform
>gi|1037027025|ref|XP_017139710.1| PREDICTED: heterogeneous nuclear ribonucleoprotein M isoform
>gi|1037027040|ref|XP_017139711.1| PREDICTED: glycine-rich RNA-binding protein isoform X2 [Dros
>gi|1037027299|ref|XP_017139728.1| PREDICTED: ras-like protein 1 [Drosophila miranda]
>gi|1037027147|ref|XP_017139718.1| PREDICTED: serum response factor-binding protein 1 [Drosoph
>gi|1037027264|ref|XP_017139726.1| PREDICTED: 39S ribosomal protein L47, mitochondrial [Drosop
>gi|1037026957|ref|XP_017139705.1| PREDICTED: lysine-specific demethylase 3B [Drosophila mirane
>gi|1037026975|ref|XP_017139706.1| PREDICTED: lysine-specific demethylase 3B [Drosophila miran-
>gi|1037026866|ref|XP_017139700.1| PREDICTED: F-BAR domain only protein 2 isoform X1 [Drosophi
>gi|1037026881|ref|XP_017139701.1| PREDICTED: F-BAR domain only protein 2 isoform X1 [Drosophi
>gi|1037026899|ref|XP_017139702.1| PREDICTED: F-BAR domain only protein 2 isoform X1 [Drosophi
>gi|1037026915|ref|XP_017139703.1| PREDICTED: F-BAR domain only protein 2 isoform X2 [Drosophi
>gi|1037027010|ref|XP_017139709.1| PREDICTED: tensin [Drosophila miranda]
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>gi|1037026993|ref|XP_017139708.1| PREDICTED: solute carrier family 22 member 3 [Drosophila min
>gi|1037027092|ref|XP_017139714.1| PREDICTED: RNA polymerase II-associated factor 1 homolog [Di
>gi|1037027112|ref|XP_017139716.1| PREDICTED: zinc finger protein 628 [Drosophila miranda]
>gi|1037026933|ref|XP_017139704.1| PREDICTED: coiled-coil domain-containing protein 39 [Drosop
>gi|1037026813|ref|XP_017139697.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X5 [Di
>gi|1037026796|ref|XP_017139696.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X4 [Di
>gi|1037026776|ref|XP_017139695.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X3 [Di
>gi|1037026758|ref|XP_017139693.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X2 [Di
>gi|1037026724|ref|XP_017139691.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X1 [Di
>gi|1037026740|ref|XP_017139692.1| PREDICTED: E3 ubiquitin-protein ligase TRIP12 isoform X1 [Di
>gi|1037027249|ref|XP_017139725.1| PREDICTED: checkpoint protein HUS1 [Drosophila miranda]
>gi|1037027195|ref|XP 017139721.1| PREDICTED: mannose-1-phosphate guanyltransferase beta [Dros
>gi|1037027180|ref|XP_017139720.1| PREDICTED: Bardet-Biedl syndrome 5 protein homolog [Drosoph
>gi|1037027130|ref|XP_017139717.1| PREDICTED: serine/arginine repetitive matrix protein 2 [Dros
>gi|1037027317|ref|XP_017139729.1| PREDICTED: uncharacterized protein LOC108154115 [Drosophila
>gi|1037027335|ref|XP_017139730.1| PREDICTED: uncharacterized protein LOC108154116 [Drosophila
>gi|1037027057|ref|XP_017139712.1| PREDICTED: pair-rule protein odd-paired [Drosophila miranda]
>gi|1037105559|ref|XP 017145375.1| PREDICTED: uncharacterized protein LOC108157716 [Drosophila
>gi|1037040931|ref|XP_017140554.1| PREDICTED: LOW QUALITY PROTEIN: replication factor C subuni
>gi|1037040873|ref|XP_017140550.1| PREDICTED: FERM, RhoGEF and pleckstrin domain-containing pro-
>gi|1037040887|ref|XP_017140551.1| PREDICTED: FERM, RhoGEF and pleckstrin domain-containing pro-
>gi|1037040903|ref|XP 017140552.1| PREDICTED: microtubule-associated protein futsch isoform X3
>gi|1037040917|ref|XP_017140553.1| PREDICTED: ubiquitin-conjugating enzyme E2-17 kDa [Drosophi
>gi|1037023229|ref|XP_017139472.1| PREDICTED: uncharacterized protein LOC108153883, partial [Di
>gi|1037023247|ref|XP_017139473.1| PREDICTED: lachesin, partial [Drosophila miranda]
>gi|1037105292|ref|XP_017145336.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037106432|ref|XP_017145496.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037105268|ref|XP_017145332.1| PREDICTED: uncharacterized protein LOC108157678 [Drosophila
>gi|1037106594|ref|XP_017145518.1| PREDICTED: uncharacterized protein LOC108157828 [Drosophila
>gi|1037104929|ref|XP 017145284.1| PREDICTED: uncharacterized protein LOC108157646 [Drosophila
>gi|1037104561|ref|XP_017145231.1| PREDICTED: mpv17-like protein [Drosophila miranda]
>gi|1037104576|ref|XP_017145233.1| PREDICTED: mpv17-like protein [Drosophila miranda]
>gi|1037081808|ref|XP 017143344.1| PREDICTED: centrosomal and chromosomal factor [Drosophila m
>gi|1037081819|ref|XP_017143345.1| PREDICTED: uncharacterized protein LOC108156411 [Drosophila
>gi|1037106711|ref|XP_017145534.1| PREDICTED: 4-coumarate--CoA ligase 1-like [Drosophila miran-
>gi|1037102251|ref|XP_017144958.1| PREDICTED: LOW QUALITY PROTEIN: luciferin 4-monooxygenase-1
>gi|1037102261|ref|XP 017144960.1| PREDICTED: luciferin 4-monooxygenase-like [Drosophila miran
>gi|1037073267|ref|XP_017142741.1| PREDICTED: LOW QUALITY PROTEIN: geranylgeranyl transferase
>gi|1037073251|ref|XP_017142740.1| PREDICTED: protein argonaute-2-like [Drosophila miranda]
>gi|1037103413|ref|XP_017145079.1| PREDICTED: uncharacterized protein LOC108157494 isoform X1
>gi|1037103432|ref|XP_017145081.1| PREDICTED: uncharacterized protein LOC108157495 isoform X1
>gi|1037103444|ref|XP_017145082.1| PREDICTED: uncharacterized protein LOC108157495 isoform X2
>gi|1037103422|ref|XP 017145080.1| PREDICTED: uncharacterized protein LOC108157494 isoform X2
>gi|1037058322|ref|XP_017141724.1| PREDICTED: afadin isoform X2 [Drosophila miranda]
>gi|1037058308|ref|XP_017141722.1| PREDICTED: afadin isoform X1 [Drosophila miranda]
>gi|1037058338|ref|XP_017141725.1| PREDICTED: uncharacterized protein LOC108155427 isoform X3
>gi|1037101251|ref|XP_017144861.1| PREDICTED: RAB6A-GEF complex partner protein 2 [Drosophila i
>gi|1037054219|ref|XP_017141446.1| PREDICTED: vacuolar protein sorting-associated protein 37B
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>gi|1037054170|ref|XP_017141443.1| PREDICTED: katanin p60 ATPase-containing subunit A-like 1 is
>gi|1037054188|ref|XP_017141444.1| PREDICTED: katanin p60 ATPase-containing subunit A-like 1 is
>gi|1037054123|ref|XP_017141439.1| PREDICTED: MMS19 nucleotide excision repair protein homolog
>gi|1037054203|ref|XP_017141445.1| PREDICTED: MORN repeat-containing protein 4 [Drosophila mire
>gi|1037054154|ref|XP 017141441.1| PREDICTED: putative cysteine proteinase CG12163 isoform X2
>gi|1037054139|ref|XP_017141440.1| PREDICTED: putative cysteine proteinase CG12163 isoform X1
>gi|1037054235|ref|XP 017141447.1| PREDICTED: uncharacterized protein LOC108155260 [Drosophila
>gi|1037100842|ref|XP_017144824.1| PREDICTED: uncharacterized protein LOC108157320 [Drosophila
>gi|1037100850|ref|XP_017144825.1| PREDICTED: uncharacterized protein LOC108157320 [Drosophila
>gi|1037100860|ref|XP_017144826.1| PREDICTED: enolase-phosphatase E1 [Drosophila miranda]
>gi|1037046300|ref|XP_017140908.1| PREDICTED: egl nine homolog 1 isoform X1 [Drosophila mirand
>gi|1037046330|ref|XP 017140910.1| PREDICTED: probable mitochondrial import inner membrane tra
>gi|1037046314|ref|XP_017140909.1| PREDICTED: egl nine homolog 1 isoform X2 [Drosophila mirand
>gi|1037046098|ref|XP_017140892.1| PREDICTED: oxidation resistance protein 1 isoform X9 [Droso
>gi|1037046082|ref|XP_017140891.1| PREDICTED: oxidation resistance protein 1 isoform X8 [Droso
>gi|1037046244|ref|XP_017140904.1| PREDICTED: oxidation resistance protein 1 isoform X20 [Dros
>gi|1037046064|ref|XP_017140890.1| PREDICTED: oxidation resistance protein 1 isoform X7 [Droso
>gi|1037046271|ref|XP 017140906.1| PREDICTED: oxidation resistance protein 1 isoform X22 [Dros
>gi|1037046046|ref|XP_017140889.1| PREDICTED: oxidation resistance protein 1 isoform X6 [Droso
>gi|1037046258|ref|XP 017140905.1| PREDICTED: oxidation resistance protein 1 isoform X21 [Dros-
>gi|1037046003|ref|XP_017140886.1| PREDICTED: oxidation resistance protein 1 isoform X3 [Droso
>gi|1037046033|ref|XP_017140888.1| PREDICTED: oxidation resistance protein 1 isoform X5 [Droso
>gi|1037045987|ref|XP_017140885.1| PREDICTED: oxidation resistance protein 1 isoform X2 [Droso
>gi|1037046232|ref|XP_017140903.1| PREDICTED: uncharacterized protein LOC108154930 isoform X19
>gi|1037046017|ref|XP_017140887.1| PREDICTED: oxidation resistance protein 1 isoform X4 [Droso
>gi|1037045967|ref|XP_017140884.1| PREDICTED: oxidation resistance protein 1 isoform X1 [Droso
>gi|1037046154|ref|XP_017140896.1| PREDICTED: oxidation resistance protein 1 isoform X13 [Dros
>gi|1037046128|ref|XP_017140894.1| PREDICTED: oxidation resistance protein 1 isoform X11 [Dros
>gi|1037046142|ref|XP_017140895.1| PREDICTED: oxidation resistance protein 1 isoform X12 [Dros
>gi|1037046114|ref|XP_017140893.1| PREDICTED: oxidation resistance protein 1 isoform X10 [Dros
>gi|1037046178|ref|XP_017140899.1| PREDICTED: oxidation resistance protein 1 isoform X15 [Dros
>gi|1037046286|ref|XP_017140907.1| PREDICTED: oxidation resistance protein 1 isoform X23 [Dros
>gi|1037046164|ref|XP 017140897.1| PREDICTED: oxidation resistance protein 1 isoform X14 [Dros
>gi|1037046204|ref|XP_017140901.1| PREDICTED: TLD domain-containing protein 2 isoform X17 [Dros
>gi|1037046190|ref|XP_017140900.1| PREDICTED: TLD domain-containing protein 2 isoform X16 [Dros
>gi|1037046218|ref|XP_017140902.1| PREDICTED: TLD domain-containing protein 2 isoform X18 [Dros
>gi|1037046347|ref|XP_017140911.1| PREDICTED: probable mitochondrial import inner membrane trans
>gi|1037046363|ref|XP_017140912.1| PREDICTED: probable mitochondrial import inner membrane trans
>gi|1037089816|ref|XP_017143922.1| PREDICTED: stromal cell-derived factor 2 [Drosophila mirand
>gi|1037089802|ref|XP_017143921.1| PREDICTED: uncharacterized protein CG1161 [Drosophila miran-
>gi|1037089788|ref|XP_017143920.1| PREDICTED: proteasome subunit beta type-4 [Drosophila miran-
>gi|1037096204|ref|XP_017144404.1| PREDICTED: ceramide kinase [Drosophila miranda]
>gi|1037096215|ref|XP_017144405.1| PREDICTED: ceramide kinase [Drosophila miranda]
>gi|1037105284|ref|XP_017145335.1| PREDICTED: transcription factor SPT20 homolog [Drosophila m
>gi|1037105516|ref|XP_017145370.1| PREDICTED: uncharacterized protein LOC108157710 [Drosophila
>gi|1037076786|ref|XP_017142980.1| PREDICTED: DNA-directed RNA polymerases I, II, and III subu
>gi|1037076726|ref|XP_017142976.1| PREDICTED: protein downstream neighbor of son homolog [Dros
>gi|1037076757|ref|XP_017142978.1| PREDICTED: zinc finger protein 17 [Drosophila miranda]
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>gi|1037076770|ref|XP_017142979.1| PREDICTED: neuroendocrine protein 7B2 [Drosophila miranda]
>gi|1037076708|ref|XP_017142975.1| PREDICTED: uncharacterized protein LOC108156158 isoform X2
>gi|1037076662|ref|XP_017142971.1| PREDICTED: uncharacterized protein LOC108156158 isoform X1
>gi|1037076678|ref|XP_017142972.1| PREDICTED: uncharacterized protein LOC108156158 isoform X1
>gi|1037076694|ref|XP 017142974.1| PREDICTED: uncharacterized protein LOC108156158 isoform X1
>gi|1037076742|ref|XP_017142977.1| PREDICTED: uncharacterized protein LOC108156160 [Drosophila
>gi|1037027607|ref|XP 017139746.1| PREDICTED: homeobox protein 5 [Drosophila miranda]
>gi|1037027624|ref|XP_017139747.1| PREDICTED: homeobox protein 5 [Drosophila miranda]
>gi|1037027817|ref|XP_017139761.1| PREDICTED: derlin-2 [Drosophila miranda]
>gi|1037027961|ref|XP_017139768.1| PREDICTED: succinate dehydrogenase assembly factor 3, mitoc
>gi|1037027943|ref|XP_017139767.1| PREDICTED: dihydrofolate reductase [Drosophila miranda]
>gi|1037027575|ref|XP_017139744.1| PREDICTED: soluble guanylate cyclase 89Db [Drosophila mirane
>gi|1037027590|ref|XP_017139745.1| PREDICTED: soluble guanylate cyclase 89Db [Drosophila miran-
>gi|1037027558|ref|XP_017139743.1| PREDICTED: soluble guanylate cyclase 89Da [Drosophila miran-
>gi|1037027800|ref|XP_017139759.1| PREDICTED: COP9 signalosome complex subunit 5 [Drosophila m
>gi|1037027381|ref|XP_017139732.1| PREDICTED: titin isoform X1 [Drosophila miranda]
>gi|1037027403|ref|XP_017139733.1| PREDICTED: microtubule-associated protein futsch isoform X2
>gi|1037027755|ref|XP_017139756.1| PREDICTED: glycerophosphodiester phosphodiesterase 1 [Droso
>gi|1037027769|ref|XP_017139757.1| PREDICTED: glycerophosphodiester phosphodiesterase 1 [Droso
>gi|1037027785|ref|XP_017139758.1| PREDICTED: glycerophosphodiester phosphodiesterase 1 [Droso
>gi|1037027835|ref|XP_017139762.1| PREDICTED: trypsin-4 [Drosophila miranda]
>gi|1037027421|ref|XP 017139734.1| PREDICTED: alpha-mannosidase 2x isoform X1 [Drosophila mirat
>gi|1037027438|ref|XP_017139735.1| PREDICTED: alpha-mannosidase 2x isoform X2 [Drosophila mirated
>gi|1037027456|ref|XP_017139736.1| PREDICTED: alpha-mannosidase 2x isoform X2 [Drosophila mirat
>gi|1037027488|ref|XP_017139738.1| PREDICTED: DNA replication licensing factor REC isoform X1
>gi|1037027706|ref|XP_017139753.1| PREDICTED: nose resistant to fluoxetine protein 6 [Drosophi
>gi|1037027506|ref|XP_017139740.1| PREDICTED: DNA replication licensing factor REC isoform X2
>gi|1037027524|ref|XP_017139741.1| PREDICTED: DNA replication licensing factor REC isoform X3
>gi|1037027851|ref|XP_017139763.1| PREDICTED: uncharacterized protein LOC108154138 [Drosophila
>gi|1037027641|ref|XP_017139749.1| PREDICTED: pickpocket protein 28 [Drosophila miranda]
>gi|1037027473|ref|XP_017139737.1| PREDICTED: importin-5 [Drosophila miranda]
>gi|1037027658|ref|XP_017139750.1| PREDICTED: protein spartin [Drosophila miranda]
>gi|1037027673|ref|XP_017139751.1| PREDICTED: protein spartin [Drosophila miranda]
>gi|1037027690|ref|XP_017139752.1| PREDICTED: dnaJ homolog subfamily C member 3 [Drosophila mi
>gi|1037027738|ref|XP 017139755.1| PREDICTED: otefin [Drosophila miranda]
>gi|1037027541|ref|XP_017139742.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037027871|ref|XP 017139764.1| PREDICTED: GILT-like protein F37H8.5 isoform X1 [Drosophila
>gi|1037027885|ref|XP_017139765.1| PREDICTED: GILT-like protein F37H8.5 isoform X2 [Drosophila
>gi|1037027925|ref|XP_017139766.1| PREDICTED: uncharacterized protein LOC108154140 [Drosophila
>gi|1037027721|ref|XP_017139754.1| PREDICTED: zinc finger protein 664 [Drosophila miranda]
>gi|1037096911|ref|XP_017144466.1| PREDICTED: ras-related GTP-binding protein A [Drosophila mi
>gi|1037096922|ref|XP_017144467.1| PREDICTED: beta carbonic anhydrase 1 [Drosophila miranda]
>gi|1037093506|ref|XP_017144194.1| PREDICTED: ubiquitin domain-containing protein 1 [Drosophile
>gi|1037093575|ref|XP_017144195.1| PREDICTED: ubiquitin domain-containing protein 1 [Drosophile
>gi|1037023263|ref|XP_017139475.1| PREDICTED: odorant receptor 83a [Drosophila miranda]
>gi|1037032414|ref|XP_017140035.1| PREDICTED: alpha-tocopherol transfer protein-like [Drosophi
>gi|1037104858|ref|XP_017145273.1| PREDICTED: odorant receptor coreceptor [Drosophila miranda]
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>gi|1037106800|ref|XP\_017145547.1| PREDICTED: casein kinase I [Drosophila miranda]

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>gi|1037075783|ref|XP 017142915.1| PREDICTED: LOW QUALITY PROTEIN: ras-like protein family mem
>gi|1037075749|ref|XP_017142913.1| PREDICTED: eukaryotic translation initiation factor 2-alpha
>gi|1037075767|ref|XP_017142914.1| PREDICTED: eukaryotic translation initiation factor 2-alpha
>gi|1037075799|ref|XP_017142916.1| PREDICTED: 60S ribosomal protein L35a [Drosophila miranda]
>gi|1037054356|ref|XP 017141457.1| PREDICTED: polymerase delta-interacting protein 2 [Drosophi
>gi|1037054383|ref|XP_017141459.1| PREDICTED: 39S ribosomal protein L44, mitochondrial [Drosop
>gi|1037054368|ref|XP 017141458.1| PREDICTED: SWI/SNF-related matrix-associated actin-dependent
>gi|1037054340|ref|XP_017141456.1| PREDICTED: histone deacetylase 3 [Drosophila miranda]
>gi|1037054251|ref|XP_017141448.1| PREDICTED: biotin--protein ligase isoform X1 [Drosophila mi
>gi|1037054281|ref|XP_017141449.1| PREDICTED: biotin--protein ligase isoform X2 [Drosophila mi
>gi|1037054293|ref|XP_017141450.1| PREDICTED: biotin--protein ligase isoform X3 [Drosophila mi
>gi|1037054313|ref|XP_017141452.1| PREDICTED: biotin--protein ligase isoform X5 [Drosophila mi
>gi|1037054305|ref|XP_017141451.1| PREDICTED: uncharacterized protein LOC108155261 isoform X4
>gi|1037054325|ref|XP_017141453.1| PREDICTED: kinase suppressor of Ras 1 [Drosophila miranda]
>gi|1037083755|ref|XP_017143489.1| PREDICTED: SURP and G-patch domain-containing protein 1 iso:
>gi|1037083769|ref|XP_017143490.1| PREDICTED: SURP and G-patch domain-containing protein 1 iso:
>gi|1037083783|ref|XP_017143491.1| PREDICTED: formin-like protein 20 isoform X3 [Drosophila mi
>gi|1037083727|ref|XP_017143486.1| PREDICTED: bumetanide-sensitive sodium-(potassium)-chloride
>gi|1037083741|ref|XP_017143488.1| PREDICTED: bumetanide-sensitive sodium-(potassium)-chloride
>gi|1037059827|ref|XP_017141830.1| PREDICTED: glutamate [NMDA] receptor subunit 1 [Drosophila i
>gi|1037059860|ref|XP_017141832.1| PREDICTED: uncharacterized protein LOC108155504 isoform X2
>gi|1037059842|ref|XP 017141831.1| PREDICTED: uncharacterized protein LOC108155504 isoform X1
>gi|1037059751|ref|XP_017141824.1| PREDICTED: inositol 1,4,5-trisphosphate receptor isoform X1
>gi|1037059767|ref|XP_017141825.1| PREDICTED: inositol 1,4,5-trisphosphate receptor isoform X1
>gi|1037059779|ref|XP_017141826.1| PREDICTED: inositol 1,4,5-trisphosphate receptor isoform X2
>gi|1037059811|ref|XP_017141829.1| PREDICTED: uncharacterized protein LOC108155502 isoform X2
>gi|1037059795|ref|XP_017141827.1| PREDICTED: uncharacterized protein LOC108155502 isoform X1
>gi|1037071659|ref|XP_017142629.1| PREDICTED: protein-L-isoaspartate(D-aspartate) O-methyltran
>gi|1037071581|ref|XP_017142623.1| PREDICTED: DNA cross-link repair 1A protein [Drosophila mire
>gi|1037071594|ref|XP_017142624.1| PREDICTED: phosphatidylinositol 4-kinase type 2-beta isoform
>gi|1037071607|ref|XP_017142625.1| PREDICTED: phosphatidylinositol 4-kinase type 2-beta isoform
>gi|1037071632|ref|XP_017142627.1| PREDICTED: phosphatidylinositol 4-kinase type 2-alpha isofo
>gi|1037071646|ref|XP_017142628.1| PREDICTED: phosphatidylinositol 4-kinase type 2-beta isoform
>gi|1037071620|ref|XP_017142626.1| PREDICTED: phosphatidylinositol 4-kinase type 2-beta isoform
>gi|1037089775|ref|XP 017143918.1| PREDICTED: uncharacterized protein LOC108156765 [Drosophila
>gi|1037089731|ref|XP_017143915.1| PREDICTED: phospholipid phosphatase 5 isoform X1 [Drosophile
>gi|1037089747|ref|XP 017143916.1| PREDICTED: phospholipid phosphatase 5 isoform X2 [Drosophile
>gi|1037089761|ref|XP_017143917.1| PREDICTED: RNA-binding protein 42 [Drosophila miranda]
>gi|1037101065|ref|XP_017144846.1| PREDICTED: GTP-binding protein Rheb homolog [Drosophila mire
>gi|1037098227|ref|XP_017144594.1| PREDICTED: succinate-semialdehyde dehydrogenase [NADP(+)] G
>gi|1037049406|ref|XP_017141116.1| PREDICTED: nuclear protein localization protein 4 homolog is
>gi|1037049422|ref|XP_017141117.1| PREDICTED: nuclear protein localization protein 4 homolog is
>gi|1037049388|ref|XP_017141115.1| PREDICTED: nuclear protein localization protein 4 homolog is
>gi|1037049440|ref|XP_017141118.1| PREDICTED: uncharacterized protein LOC108155052 isoform X1
>gi|1037049472|ref|XP_017141121.1| PREDICTED: uncharacterized protein LOC108155052 isoform X3
>gi|1037049456|ref|XP_017141119.1| PREDICTED: uncharacterized protein LOC108155052 isoform X2
>gi|1037049632|ref|XP_017141131.1| PREDICTED: putative uncharacterized protein DDB_G0274435 [Di
>gi|1037049614|ref|XP_017141130.1| PREDICTED: uncharacterized protein LOC108155056 isoform X2
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>gi|1037049582|ref|XP_017141128.1| PREDICTED: uncharacterized protein LOC108155056 isoform X1
>gi|1037049598|ref|XP_017141129.1| PREDICTED: uncharacterized protein LOC108155056 isoform X1
>gi|1037049534|ref|XP_017141125.1| PREDICTED: protein gar2 isoform X3 [Drosophila miranda]
>gi|1037049520|ref|XP_017141124.1| PREDICTED: CUGBP Elav-like family member 2 isoform X2 [Dros
>gi|1037049488|ref|XP 017141122.1| PREDICTED: CUGBP Elav-like family member 2 isoform X1 [Dros
>gi|1037049504|ref|XP_017141123.1| PREDICTED: CUGBP Elav-like family member 2 isoform X1 [Dros
>gi|1037049550|ref|XP 017141126.1| PREDICTED: lipoprotein lipase [Drosophila miranda]
>gi|1037049566|ref|XP_017141127.1| PREDICTED: uncharacterized protein LOC108155055 [Drosophila
>gi|1037104163|ref|XP_017145175.1| PREDICTED: protein regulator of cytokinesis 1-like isoform
>gi|1037104171|ref|XP_017145176.1| PREDICTED: protein regulator of cytokinesis 1-like isoform
>gi|1037104176|ref|XP_017145177.1| PREDICTED: NEDD8 ultimate buster 1 [Drosophila miranda]
>gi|1037036570|ref|XP_017140276.1| PREDICTED: uncharacterized protein LOC108154486 [Drosophila
>gi|1037100542|ref|XP_017144792.1| PREDICTED: fatty-acid amide hydrolase 2 [Drosophila miranda]
>gi|1037079511|ref|XP_017143164.1| PREDICTED: dihydroxyacetone phosphate acyltransferase [Dros
>gi|1037079524|ref|XP_017143165.1| PREDICTED: putative GTP-binding protein 6 [Drosophila miran
>gi|1037079538|ref|XP_017143166.1| PREDICTED: transmembrane protein 141 [Drosophila miranda]
>gi|1037075515|ref|XP_017142896.1| PREDICTED: zinc finger protein 436 [Drosophila miranda]
>gi|1037075498|ref|XP 017142895.1| PREDICTED: MAU2 chromatid cohesion factor homolog [Drosophi]
>gi|1037075531|ref|XP_017142897.1| PREDICTED: serpin B3 [Drosophila miranda]
>gi|1037075545|ref|XP 017142898.1| PREDICTED: serpin B3 [Drosophila miranda]
>gi|1037079498|ref|XP_017143163.1| PREDICTED: transmembrane protein 165 isoform X2 [Drosophila
>gi|1037079470|ref|XP 017143161.1| PREDICTED: transmembrane protein 165 isoform X1 [Drosophila
>gi|1037079482|ref|XP_017143162.1| PREDICTED: transmembrane protein 165 isoform X1 [Drosophila
>gi|1037079456|ref|XP_017143160.1| PREDICTED: E3 ubiquitin-protein ligase RNF123 [Drosophila m
>gi|1037032776|ref|XP_017140058.1| PREDICTED: soluble guanylate cyclase 88E [Drosophila mirand
>gi|1037099815|ref|XP_017144735.1| PREDICTED: uncharacterized protein LOC108157264 isoform X2
>gi|1037099839|ref|XP_017144737.1| PREDICTED: uncharacterized protein LOC108157264 isoform X4
>gi|1037099803|ref|XP_017144734.1| PREDICTED: uncharacterized protein LOC108157264 isoform X1
>gi|1037099827|ref|XP_017144736.1| PREDICTED: uncharacterized protein LOC108157264 isoform X3
>gi|1037099851|ref|XP 017144738.1| PREDICTED: uncharacterized protein LOC108157264 isoform X5
>gi|1037099861|ref|XP_017144740.1| PREDICTED: uncharacterized protein LOC108157264 isoform X6
>gi|1037099872|ref|XP_017144741.1| PREDICTED: uncharacterized protein LOC108157264 isoform X7
>gi|1037099882|ref|XP 017144742.1| PREDICTED: uncharacterized protein LOC108157264 isoform X8
>gi|1037088541|ref|XP_017143821.1| PREDICTED: glycogen [starch] synthase isoform X1 [Drosophile
>gi|1037088555|ref|XP 017143822.1| PREDICTED: glycogen [starch] synthase isoform X2 [Drosophile
>gi|1037088569|ref|XP_017143823.1| PREDICTED: uncharacterized protein LOC108156690 [Drosophila
>gi|1037105433|ref|XP_017145357.1| PREDICTED: vegetative cell wall protein gp1 [Drosophila mire
>gi|1037105438|ref|XP_017145359.1| PREDICTED: uncharacterized protein LOC108157700 [Drosophila
>gi|1037092051|ref|XP_017144094.1| PREDICTED: uncharacterized protein LOC108156877 [Drosophila
>gi|1037092064|ref|XP_017144095.1| PREDICTED: uncharacterized protein LOC108156877 [Drosophila
>gi|1037092078|ref|XP_017144096.1| PREDICTED: uncharacterized protein LOC108156877 [Drosophila
>gi|1037089359|ref|XP_017143885.1| PREDICTED: protein fem-1 homolog CG6966 [Drosophila miranda
>gi|1037023281|ref|XP_017139476.1| PREDICTED: low choriolytic enzyme [Drosophila miranda]
>gi|1037104354|ref|XP_017145202.1| PREDICTED: uncharacterized protein LOC108157589 isoform X1
>gi|1037104362|ref|XP_017145203.1| PREDICTED: uncharacterized protein LOC108157589 isoform X1
>gi|1037104372|ref|XP_017145205.1| PREDICTED: uncharacterized protein LOC108157589 isoform X2
>gi|1037037786|ref|XP_017140347.1| PREDICTED: uncharacterized protein LOC108154555 [Drosophila
>gi|1037106727|ref|XP_017145536.1| PREDICTED: uncharacterized protein LOC108157843 isoform X2
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>gi|1037106719|ref|XP_017145535.1| PREDICTED: uncharacterized protein LOC108157843 isoform X1
>gi|1037104554|ref|XP_017145230.1| PREDICTED: uncharacterized protein LOC108157612 [Drosophila
>gi|1037104547|ref|XP_017145229.1| PREDICTED: general transcription factor IIF subunit 1-like
>gi|1037092373|ref|XP_017144114.1| PREDICTED: insulin-like peptide receptor [Drosophila mirand
>gi|1037037208|ref|XP 017140312.1| PREDICTED: luciferin 4-monooxygenase-like [Drosophila mirano
>gi|1037023299|ref|XP_017139477.1| PREDICTED: succinate-semialdehyde dehydrogenase [NADP(+)] G
>gi|1037072161|ref|XP_017142662.1| PREDICTED: V-type proton ATPase 21 kDa proteolipid subunit
>gi|1037072177|ref|XP_017142663.1| PREDICTED: V-type proton ATPase 21 kDa proteolipid subunit
>gi|1037072116|ref|XP_017142658.1| PREDICTED: 40S ribosomal protein S5b [Drosophila miranda]
>gi|1037072131|ref|XP_017142660.1| PREDICTED: V-type proton ATPase 21 kDa proteolipid subunit
>gi|1037072147|ref|XP_017142661.1| PREDICTED: V-type proton ATPase 21 kDa proteolipid subunit
>gi|1037072068|ref|XP_017142655.1| PREDICTED: RRP15-like protein [Drosophila miranda]
>gi|1037072100|ref|XP_017142657.1| PREDICTED: UPF0568 protein C14orf166 homolog [Drosophila mi
>gi|1037072191|ref|XP_017142664.1| PREDICTED: uncharacterized protein LOC108155984 [Drosophila
>gi|1037072052|ref|XP_017142654.1| PREDICTED: nudC domain-containing protein 3 [Drosophila mire
>gi|1037072084|ref|XP_017142656.1| PREDICTED: nurim homolog [Drosophila miranda]
>gi|1037090445|ref|XP_017143974.1| PREDICTED: eukaryotic translation initiation factor 1A, X-ci
>gi|1037090459|ref|XP 017143975.1| PREDICTED: eukaryotic translation initiation factor 1A, X-C
>gi|1037090473|ref|XP_017143977.1| PREDICTED: eukaryotic translation initiation factor 1A, X-ci
>gi|1037090486|ref|XP_017143978.1| PREDICTED: eukaryotic translation initiation factor 1A, X-ci
>gi|1037090431|ref|XP_017143973.1| PREDICTED: transmembrane protease serine 9 [Drosophila mirates
>gi|1037090500|ref|XP 017143979.1| PREDICTED: uncharacterized protein LOC108156803 [Drosophila
>gi|1037087703|ref|XP_017143756.1| PREDICTED: WD repeat-containing protein 3 [Drosophila miran-
>gi|1037087717|ref|XP_017143757.1| PREDICTED: peptidyl-prolyl cis-trans isomerase FKBP2 [Droso
>gi|1037068919|ref|XP_017142440.1| PREDICTED: flocculation protein FL011 [Drosophila miranda]
>gi|1037068935|ref|XP_017142441.1| PREDICTED: putative elongator complex protein 1 [Drosophila
>gi|1037064004|ref|XP_017142117.1| PREDICTED: uncharacterized protein LOC108155665 [Drosophila
>gi|1037063989|ref|XP_017142116.1| PREDICTED: nuclear pore complex protein Nup214 isoform X2 [
>gi|1037063961|ref|XP_017142113.1| PREDICTED: nuclear pore complex protein Nup214 isoform X1 [
>gi|1037063974|ref|XP_017142114.1| PREDICTED: nuclear pore complex protein Nup214 isoform X1 [
>gi|1037040551|ref|XP_017140528.1| PREDICTED: zinc finger protein 10 [Drosophila miranda]
>gi|1037040624|ref|XP_017140533.1| PREDICTED: gastrula zinc finger protein XlCGF17.1 isoform X
>gi|1037040638|ref|XP 017140534.1| PREDICTED: zinc finger protein 211 isoform X2 [Drosophila m
>gi|1037040539|ref|XP_017140526.1| PREDICTED: transcription factor Ouib-like [Drosophila miran-
>gi|1037040597|ref|XP 017140531.1| PREDICTED: transcription factor Ouib-like [Drosophila miran
>gi|1037040565|ref|XP_017140529.1| PREDICTED: zinc finger protein 20 [Drosophila miranda]
>gi|1037040382|ref|XP_017140514.1| PREDICTED: zinc finger protein 229 [Drosophila miranda]
>gi|1037040654|ref|XP_017140535.1| PREDICTED: zinc finger protein 648-like [Drosophila miranda]
>gi|1037040446|ref|XP_017140520.1| PREDICTED: transcription factor Ouib-like isoform X5 [Droso
>gi|1037040430|ref|XP_017140519.1| PREDICTED: transcription factor Ouib-like isoform X4 [Droso
>gi|1037040470|ref|XP_017140521.1| PREDICTED: transcription factor Ouib-like isoform X6 [Droso
>gi|1037040485|ref|XP_017140522.1| PREDICTED: transcription factor Ouib-like isoform X6 [Droso
>gi|1037040497|ref|XP_017140523.1| PREDICTED: transcription factor Ouib-like isoform X7 [Droso
>gi|1037040400|ref|XP_017140515.1| PREDICTED: transcription factor Ouib-like isoform X1 [Droso
>gi|1037040420|ref|XP_017140518.1| PREDICTED: transcription factor Ouib-like isoform X3 [Droso
>gi|1037040410|ref|XP_017140516.1| PREDICTED: transcription factor Ouib-like isoform X2 [Droso
>gi|1037040581|ref|XP_017140530.1| PREDICTED: transcription factor Ouib-like [Drosophila miran-
>gi|1037040666|ref|XP_017140536.1| PREDICTED: protein RER1 [Drosophila miranda]
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>gi|1037040608|ref|XP_017140532.1| PREDICTED: 3-ketodihydrosphingosine reductase [Drosophila m
>gi|1037040680|ref|XP_017140537.1| PREDICTED: peptidyl-prolyl cis-trans isomerase NIMA-interac
>gi|1037040346|ref|XP_017140512.1| PREDICTED: probable glutamine--tRNA ligase [Drosophila mirated]
>gi|1037040362|ref|XP_017140513.1| PREDICTED: serine/threonine-protein kinase RIO2 [Drosophila
>gi|1037040527|ref|XP 017140525.1| PREDICTED: uncharacterized protein LOC108154688 [Drosophila
>gi|1037040511|ref|XP_017140524.1| PREDICTED: uncharacterized protein LOC108154687 [Drosophila
>gi|1037104456|ref|XP 017145216.1| PREDICTED: uncharacterized protein LOC108157599 [Drosophila
>gi|1037102846|ref|XP_017145017.1| PREDICTED: uncharacterized protein LOC108157456 [Drosophila
>gi|1037102855|ref|XP_017145018.1| PREDICTED: uncharacterized protein LOC108157457 [Drosophila
>gi|1037092862|ref|XP_017144147.1| PREDICTED: uncharacterized protein LOC108156909 [Drosophila
>gi|1037092892|ref|XP_017144149.1| PREDICTED: uncharacterized protein LOC108156912 [Drosophila
>gi|1037092878|ref|XP_017144148.1| PREDICTED: uncharacterized protein LOC108156910 [Drosophila
>gi|1037106153|ref|XP_017145457.1| PREDICTED: uncharacterized protein LOC108157778 [Drosophila
>gi|1037106205|ref|XP_017145465.1| PREDICTED: uncharacterized protein LOC108157786 [Drosophila
>gi|1037105460|ref|XP_017145362.1| PREDICTED: uncharacterized protein LOC108157702 [Drosophila
>gi|1037032813|ref|XP_017140061.1| PREDICTED: uncharacterized protein LOC108154314 isoform X1
>gi|1037032831|ref|XP_017140062.1| PREDICTED: uncharacterized protein LOC108154314 isoform X2
>gi|1037104324|ref|XP_017145198.1| PREDICTED: uncharacterized protein LOC108157585 [Drosophila
>gi|1037104332|ref|XP_017145199.1| PREDICTED: uncharacterized protein LOC108157585 [Drosophila
>gi|1037033108|ref|XP 017140079.1| PREDICTED: uncharacterized protein LOC108154328 [Drosophila
>gi|1037106774|ref|XP_017145543.1| PREDICTED: uncharacterized protein LOC108157850 [Drosophila
>gi|1037106087|ref|XP 017145448.1| PREDICTED: uncharacterized protein LOC108157774 [Drosophila
>gi|1037106095|ref|XP_017145449.1| PREDICTED: uncharacterized protein LOC108157774 [Drosophila
>gi|1037106103|ref|XP_017145451.1| PREDICTED: uncharacterized protein LOC108157774 [Drosophila
>gi|1037106111|ref|XP_017145452.1| PREDICTED: uncharacterized protein LOC108157774 [Drosophila
>gi|1037023315|ref|XP_017139478.1| PREDICTED: uncharacterized protein LOC108153890 [Drosophila
>gi|1037032314|ref|XP_017140029.1| PREDICTED: uncharacterized protein LOC108154289 [Drosophila
>gi|1037032484|ref|XP_017140040.1| PREDICTED: uncharacterized protein LOC108154298 [Drosophila
>gi|1037093392|ref|XP_017144185.1| PREDICTED: uncharacterized protein LOC108156935 [Drosophila
>gi|1037093406|ref|XP_017144186.1| PREDICTED: uncharacterized protein LOC108156936 [Drosophila
>gi|1037093379|ref|XP_017144183.1| PREDICTED: zinc finger protein 62 homolog [Drosophila miran
>gi|1037086961|ref|XP_017143730.1| PREDICTED: zinc finger protein 91 [Drosophila miranda]
>gi|1037079058|ref|XP_017143144.1| PREDICTED: TATA-binding protein-associated factor 172 [Dros
>gi|1037058017|ref|XP_017141701.1| PREDICTED: SWI/SNF complex subunit SMARCC1 [Drosophila mirated
>gi|1037058031|ref|XP 017141702.1| PREDICTED: retinoblastoma family protein [Drosophila mirand
>gi|1037058106|ref|XP_017141708.1| PREDICTED: uncharacterized protein LOC108155419 [Drosophila
>gi|1037058077|ref|XP 017141707.1| PREDICTED: zinc finger CCHC domain-containing protein 10 [Di
>gi|1037058047|ref|XP_017141703.1| PREDICTED: uncharacterized protein LOC108155417 [Drosophila
>gi|1037058063|ref|XP_017141704.1| PREDICTED: uncharacterized protein LOC108155417 [Drosophila
>gi|1037061293|ref|XP_017141932.1| PREDICTED: synapse-associated protein of 47 kDa isoform X9
>gi|1037061279|ref|XP_017141931.1| PREDICTED: synapse-associated protein of 47 kDa isoform X8
>gi|1037061264|ref|XP_017141930.1| PREDICTED: synapse-associated protein of 47 kDa isoform X7
>gi|1037061186|ref|XP_017141924.1| PREDICTED: synapse-associated protein of 47 kDa isoform X2
>gi|1037061202|ref|XP_017141925.1| PREDICTED: synapse-associated protein of 47 kDa isoform X3
>gi|1037061216|ref|XP_017141926.1| PREDICTED: synapse-associated protein of 47 kDa isoform X4
>gi|1037061155|ref|XP_017141922.1| PREDICTED: synapse-associated protein of 47 kDa isoform X1
>gi|1037061170|ref|XP_017141923.1| PREDICTED: synapse-associated protein of 47 kDa isoform X1
>gi|1037061309|ref|XP_017141933.1| PREDICTED: synapse-associated protein of 47 kDa isoform X10
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>gi|1037061248|ref|XP_017141929.1| PREDICTED: synapse-associated protein of 47 kDa isoform X6
>gi|1037061232|ref|XP_017141928.1| PREDICTED: synapse-associated protein of 47 kDa isoform X5
>gi|1037061325|ref|XP 017141934.1| PREDICTED: synapse-associated protein of 47 kDa isoform X11
>gi|1037061371|ref|XP_017141935.1| PREDICTED: synapse-associated protein of 47 kDa isoform X12
>gi|1037061414|ref|XP 017141937.1| PREDICTED: mitochondrial import inner membrane translocase
>gi|1037061398|ref|XP_017141936.1| PREDICTED: uncharacterized protein LOC108155556 [Drosophila
>gi|1037061137|ref|XP_017141921.1| PREDICTED: F-box/LRR-repeat protein 7 [Drosophila miranda]
>gi|1037061430|ref|XP_017141938.1| PREDICTED: PI-actitoxin-Afv2a [Drosophila miranda]
>gi|1037095049|ref|XP_017144307.1| PREDICTED: uncharacterized protein LOC108157013 isoform X3
>gi|1037095033|ref|XP_017144306.1| PREDICTED: serologically defined colon cancer antigen 8 home
>gi|1037095019|ref|XP_017144305.1| PREDICTED: serologically defined colon cancer antigen 8 home
>gi|1037095063|ref|XP 017144308.1| PREDICTED: poly(U)-specific endoribonuclease homolog [Droso
>gi|1037097697|ref|XP_017144540.1| PREDICTED: globin CTT-VI [Drosophila miranda]
>gi|1037097711|ref|XP_017144541.1| PREDICTED: globin CTT-VI [Drosophila miranda]
>gi|1037097836|ref|XP_017144554.1| PREDICTED: atrial natriuretic peptide receptor 3 [Drosophile
>gi|1037097823|ref|XP_017144553.1| PREDICTED: atrial natriuretic peptide receptor 1 [Drosophile
>gi|1037097846|ref|XP_017144555.1| PREDICTED: uncharacterized protein LOC108157157 [Drosophila
>gi|1037052769|ref|XP 017141348.1| PREDICTED: ATP-binding cassette sub-family B member 6, mito-
>gi|1037052797|ref|XP_017141349.1| PREDICTED: ATP-binding cassette sub-family B member 6, mito
>gi|1037052737|ref|XP 017141346.1| PREDICTED: uncharacterized protein LOC108155186 [Drosophila
>gi|1037052813|ref|XP_017141350.1| PREDICTED: arginine kinase [Drosophila miranda]
>gi|1037052753|ref|XP 017141347.1| PREDICTED: probable ATP-dependent RNA helicase spindle-E [Di
>gi|1037052827|ref|XP_017141351.1| PREDICTED: uncharacterized protein LOC108155191 [Drosophila
>gi|1037069046|ref|XP_017142449.1| PREDICTED: NADH-quinone oxidoreductase subunit I [Drosophile
>gi|1037068998|ref|XP_017142446.1| PREDICTED: structure-specific endonuclease subunit SLX1 hom-
>gi|1037069012|ref|XP_017142447.1| PREDICTED: mediator of RNA polymerase II transcription subu
>gi|1037069028|ref|XP_017142448.1| PREDICTED: actin-related protein 2/3 complex subunit 3 [Dros
>gi|1037068966|ref|XP_017142443.1| PREDICTED: uncharacterized protein LOC108155844 isoform X1
>gi|1037068982|ref|XP_017142445.1| PREDICTED: uncharacterized protein LOC108155844 isoform X2
>gi|1037092846|ref|XP_017144146.1| PREDICTED: micronuclear linker histone polyprotein [Drosoph
>gi|1037103905|ref|XP_017145143.1| PREDICTED: 5-hydroxytryptamine receptor 2B [Drosophila mirates
>gi|1037103913|ref|XP_017145144.1| PREDICTED: uncharacterized protein LOC108157551 [Drosophila
>gi|1037104673|ref|XP 017145246.1| PREDICTED: uncharacterized protein LOC108157621 [Drosophila
>gi|1037104683|ref|XP_017145247.1| PREDICTED: trichohyalin [Drosophila miranda]
>gi|1037094620|ref|XP 017144275.1| PREDICTED: pre-mRNA 3'-end-processing factor FIP1 [Drosophi
>gi|1037032619|ref|XP_017140048.1| PREDICTED: nuclear receptor subfamily 2 group E member 1 is
>gi|1037032656|ref|XP_017140050.1| PREDICTED: nuclear receptor subfamily 2 group E member 1 is
>gi|1037032636|ref|XP_017140049.1| PREDICTED: nuclear receptor subfamily 2 group E member 1 is
>gi|1037088719|ref|XP_017143835.1| PREDICTED: serine/threonine-protein kinase PAK 1 [Drosophile
>gi|1037088737|ref|XP_017143836.1| PREDICTED: serine/threonine-protein kinase PAK 1 [Drosophile
>gi|1037056216|ref|XP_017141578.1| PREDICTED: transcription elongation regulator 1 isoform X2
>gi|1037056203|ref|XP_017141576.1| PREDICTED: transcription elongation regulator 1 isoform X1
>gi|1037056264|ref|XP_017141581.1| PREDICTED: transcription elongation regulator 1 isoform X5
>gi|1037056232|ref|XP_017141579.1| PREDICTED: transcription elongation regulator 1 isoform X3
>gi|1037056248|ref|XP_017141580.1| PREDICTED: transcription elongation regulator 1 isoform X4
>gi|1037056282|ref|XP_017141583.1| PREDICTED: HEAT repeat-containing protein 3 [Drosophila mire
>gi|1037023331|ref|XP_017139479.1| PREDICTED: uncharacterized protein LOC108153891 [Drosophila
>gi|1037056314|ref|XP_017141585.1| PREDICTED: uncharacterized protein LOC108155341 [Drosophila
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>gi|1037056298|ref|XP_017141584.1| PREDICTED: general transcription factor IIF subunit 1 [Dros
>gi|1037094390|ref|XP_017144257.1| PREDICTED: E3 ubiquitin-protein ligase RNF13 [Drosophila mi
>gi|1037082465|ref|XP_017143392.1| PREDICTED: transmembrane and coiled-coil domains protein 2
>gi|1037060768|ref|XP_017141896.1| PREDICTED: histone-lysine N-methyltransferase, H3 lysine-79
>gi|1037060786|ref|XP 017141897.1| PREDICTED: histone-lysine N-methyltransferase, H3 lysine-79
>gi|1037089564|ref|XP_017143898.1| PREDICTED: uncharacterized protein LOC108156747 [Drosophila
>gi|1037097097|ref|XP_017144484.1| PREDICTED: zinc finger protein 616 [Drosophila miranda]
>gi|1037103062|ref|XP_017145041.1| PREDICTED: neurochondrin homolog [Drosophila miranda]
>gi|1037102740|ref|XP_017145006.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102780|ref|XP_017145011.1| PREDICTED: uncharacterized protein LOC108157454 isoform X5
>gi|1037102758|ref|XP_017145009.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102802|ref|XP_017145013.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102748|ref|XP_017145008.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102792|ref|XP_017145012.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102768|ref|XP_017145010.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102816|ref|XP_017145014.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037102827|ref|XP_017145015.1| PREDICTED: serine/arginine repetitive matrix protein 1 isof
>gi|1037036995|ref|XP_017140300.1| PREDICTED: uncharacterized protein LOC108154510 [Drosophila
>gi|1037035889|ref|XP_017140236.1| PREDICTED: uncharacterized protein LOC108154473 isoform X2
>gi|1037035871|ref|XP 017140235.1| PREDICTED: uncharacterized protein LOC108154473 isoform X1
>gi|1037034002|ref|XP_017140131.1| PREDICTED: uncharacterized protein LOC108154378 [Drosophila
>gi|1037100520|ref|XP 017144790.1| PREDICTED: hemicentin-2 [Drosophila miranda]
>gi|1037100500|ref|XP_017144788.1| PREDICTED: probable histone-binding protein Caf1 [Drosophile
>gi|1037100510|ref|XP_017144789.1| PREDICTED: golgin subfamily A member 6-like protein 22 [Dros
>gi|1037100530|ref|XP_017144791.1| PREDICTED: uncharacterized protein LOC108157301 [Drosophila
>gi|1037033766|ref|XP_017140116.1| PREDICTED: uncharacterized protein LOC108154362 [Drosophila
>gi|1037106808|ref|XP_017145549.1| PREDICTED: cytoplasmic dynein 1 light intermediate chain 1-
>gi|1037035613|ref|XP_017140219.1| PREDICTED: Golgi-associated plant pathogenesis-related prot
>gi|1037095800|ref|XP_017144367.1| PREDICTED: flocculation protein FL011-like isoform X1 [Dros
>gi|1037095823|ref|XP_017144369.1| PREDICTED: flocculation protein FL011-like isoform X1 [Dros
>gi|1037095835|ref|XP_017144370.1| PREDICTED: flocculation protein FL011-like isoform X1 [Dros
>gi|1037095846|ref|XP_017144371.1| PREDICTED: flocculation protein FL011-like isoform X1 [Dros
>gi|1037095858|ref|XP_017144372.1| PREDICTED: uncharacterized protein LOC108157054 isoform X2
>gi|1037095870|ref|XP_017144373.1| PREDICTED: uncharacterized protein LOC108157055 [Drosophila
>gi|1037095913|ref|XP 017144374.1| PREDICTED: uncharacterized protein LOC108157056 [Drosophila
>gi|1037092386|ref|XP_017144115.1| PREDICTED: argininosuccinate synthase isoform X1 [Drosophile
>gi|1037092400|ref|XP 017144116.1| PREDICTED: argininosuccinate synthase isoform X2 [Drosophile
>gi|1037092414|ref|XP_017144117.1| PREDICTED: uncharacterized protein LOC108156891 isoform X3
>gi|1037092430|ref|XP_017144119.1| PREDICTED: speckle targeted PIP5K1A-regulated poly(A) polym
>gi|1037092444|ref|XP_017144120.1| PREDICTED: speckle targeted PIP5K1A-regulated poly(A) polym
>gi|1037092458|ref|XP_017144121.1| PREDICTED: speckle targeted PIP5K1A-regulated poly(A) polymers
>gi|1037092472|ref|XP_017144122.1| PREDICTED: speckle targeted PIP5K1A-regulated poly(A) polym
>gi|1037062362|ref|XP_017142003.1| PREDICTED: transcription initiation factor TFIID subunit 1
>gi|1037062378|ref|XP_017142004.1| PREDICTED: transcription initiation factor TFIID subunit 1
>gi|1037062392|ref|XP_017142005.1| PREDICTED: transcription initiation factor TFIID subunit 1
>gi|1037062407|ref|XP_017142006.1| PREDICTED: transcription initiation factor TFIID subunit 1
>gi|1037062455|ref|XP_017142009.1| PREDICTED: probable peptidyl-tRNA hydrolase 2 [Drosophila m
>gi|1037062439|ref|XP_017142008.1| PREDICTED: signal peptidase complex catalytic subunit SEC11.
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>gi|1037062423|ref|XP_017142007.1| PREDICTED: regulatory protein ada [Drosophila miranda]
>gi|1037102136|ref|XP_017144945.1| PREDICTED: homeotic protein labial [Drosophila miranda]
>gi|1037023347|ref|XP_017139480.1| PREDICTED: pupal cuticle protein Edg-84A [Drosophila mirand
>gi|1037036635|ref|XP_017140280.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1037023363|ref|XP 017139481.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1037023379|ref|XP_017139483.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1037036695|ref|XP 017140285.1| PREDICTED: larval cuticle protein A3A [Drosophila miranda]
>gi|1037037731|ref|XP_017140344.1| PREDICTED: uncharacterized protein LOC108154552 [Drosophila
>gi|1037038864|ref|XP_017140413.1| PREDICTED: cuticle protein 19.8 [Drosophila miranda]
>gi|1037037065|ref|XP_017140305.1| PREDICTED: larval cuticle protein A2B [Drosophila miranda]
>gi|1037034464|ref|XP_017140161.1| PREDICTED: cuticle protein 7-like [Drosophila miranda]
>gi|1037101693|ref|XP_017144899.1| PREDICTED: homeotic protein proboscipedia [Drosophila mirane
>gi|1037101703|ref|XP_017144900.1| PREDICTED: homeotic protein proboscipedia [Drosophila mirane
>gi|1037030845|ref|XP_017139943.1| PREDICTED: protein zerknuellt 2 [Drosophila miranda]
>gi|1037030871|ref|XP_017139945.1| PREDICTED: tetratricopeptide repeat protein 12 [Drosophila i
>gi|1037030973|ref|XP_017139950.1| PREDICTED: protein zerknuellt [Drosophila miranda]
>gi|1037058367|ref|XP_017141727.1| PREDICTED: homeotic protein bicoid isoform X1 [Drosophila m
>gi|1037058383|ref|XP 017141728.1| PREDICTED: homeotic protein bicoid isoform X2 [Drosophila m
>gi|1037058431|ref|XP_017141731.1| PREDICTED: protein amalgam [Drosophila miranda]
>gi|1037058447|ref|XP 017141733.1| PREDICTED: uncharacterized protein LOC108155432 [Drosophila
>gi|1037058354|ref|XP_017141726.1| PREDICTED: homeotic protein deformed [Drosophila miranda]
>gi|1037058399|ref|XP 017141729.1| PREDICTED: homeotic protein Sex combs reduced [Drosophila m
>gi|1037058415|ref|XP_017141730.1| PREDICTED: homeotic protein Sex combs reduced [Drosophila m
>gi|1037101222|ref|XP_017144860.1| PREDICTED: segmentation protein fushi tarazu [Drosophila mi
>gi|1037032569|ref|XP_017140045.1| PREDICTED: uncharacterized protein LOC108154302 [Drosophila
>gi|1037066419|ref|XP_017142270.1| PREDICTED: homeotic protein antennapedia isoform X4 [Drosop
>gi|1037066406|ref|XP_017142269.1| PREDICTED: homeotic protein antennapedia isoform X3 [Drosop
>gi|1037066392|ref|XP_017142268.1| PREDICTED: homeotic protein antennapedia isoform X2 [Drosop
>gi|1037066362|ref|XP_017142266.1| PREDICTED: homeotic protein antennapedia isoform X1 [Drosop
>gi|1037066379|ref|XP_017142267.1| PREDICTED: homeotic protein antennapedia isoform X1 [Drosop
>gi|1037049041|ref|XP_017141091.1| PREDICTED: sorbitol dehydrogenase [Drosophila miranda]
>gi|1037023395|ref|XP_017139484.1| PREDICTED: putative leucine-rich repeat-containing protein
>gi|1037049012|ref|XP 017141089.1| PREDICTED: axoneme-associated protein mst101(2) [Drosophila
>gi|1037049028|ref|XP_017141090.1| PREDICTED: arrestin domain-containing protein 2 [Drosophila
>gi|1037048891|ref|XP 017141080.1| PREDICTED: PAX3- and PAX7-binding protein 1 isoform X1 [Dro.
>gi|1037048923|ref|XP_017141082.1| PREDICTED: uncharacterized protein LOC108155030 isoform X3
>gi|1037048907|ref|XP 017141081.1| PREDICTED: PAX3- and PAX7-binding protein 1 isoform X2 [Drop
>gi|1037048941|ref|XP_017141083.1| PREDICTED: E3 UFM1-protein ligase 1 homolog [Drosophila mire
>gi|1037048980|ref|XP_017141087.1| PREDICTED: TBC1 domain family member 22B [Drosophila mirand
>gi|1037048956|ref|XP_017141084.1| PREDICTED: exocyst complex component 6 [Drosophila miranda]
>gi|1037048996|ref|XP_017141088.1| PREDICTED: major facilitator superfamily domain-containing
>gi|1037064384|ref|XP_017142142.1| PREDICTED: ras-related protein Rab-11A [Drosophila miranda]
>gi|1037064350|ref|XP_017142140.1| PREDICTED: protein Peter pan [Drosophila miranda]
>gi|1037064366|ref|XP_017142141.1| PREDICTED: peptidyl-prolyl cis-trans isomerase D [Drosophile
>gi|1037064334|ref|XP_017142138.1| PREDICTED: F-box/WD repeat-containing protein 11 [Drosophile
>gi|1037085749|ref|XP_017143636.1| PREDICTED: acylpyruvase FAHD1, mitochondrial [Drosophila mi
>gi|1037085763|ref|XP_017143637.1| PREDICTED: uncharacterized protein LOC108156606 isoform X1
>gi|1037085777|ref|XP_017143638.1| PREDICTED: uncharacterized protein LOC108156606 isoform X2
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>gi|1037085721|ref|XP_017143634.1| PREDICTED: 14-3-3 protein epsilon isoform X1 [Drosophila mi
>gi|1037085735|ref|XP_017143635.1| PREDICTED: 14-3-3 protein epsilon isoform X2 [Drosophila mi
>gi|1037061552|ref|XP_017141947.1| PREDICTED: uncharacterized protein LOC108155565 [Drosophila
>gi|1037061522|ref|XP_017141945.1| PREDICTED: protein AAR2 homolog [Drosophila miranda]
>gi|1037061478|ref|XP_017141942.1| PREDICTED: DNA-directed RNA polymerase II 16 kDa polypeptid
>gi|1037061462|ref|XP_017141941.1| PREDICTED: transcriptional adapter 2A isoform X1 [Drosophile
>gi|1037061542|ref|XP 017141946.1| PREDICTED: uncharacterized protein LOC108155564 [Drosophila
>gi|1037061492|ref|XP_017141943.1| PREDICTED: trimethylguanosine synthase [Drosophila miranda]
>gi|1037061506|ref|XP_017141944.1| PREDICTED: homeobox protein MOX-2 [Drosophila miranda]
>gi|1037061446|ref|XP_017141940.1| PREDICTED: vam6/Vps39-like protein [Drosophila miranda]
>gi|1037090890|ref|XP_017144008.1| PREDICTED: signal peptide peptidase-like 3 isoform X1 [Dros
>gi|1037090903|ref|XP_017144009.1| PREDICTED: signal peptide peptidase-like 3 isoform X2 [Dros
>gi|1037091459|ref|XP_017144051.1| PREDICTED: SH2B adapter protein 1 isoform X1 [Drosophila mi
>gi|1037091473|ref|XP_017144052.1| PREDICTED: SH2B adapter protein 1 isoform X1 [Drosophila mi
>gi|1037091487|ref|XP_017144053.1| PREDICTED: SH2B adapter protein 1 isoform X2 [Drosophila mi
>gi|1037091501|ref|XP_017144054.1| PREDICTED: SH2B adapter protein 1 isoform X3 [Drosophila mi
>gi|1037100115|ref|XP_017144753.1| PREDICTED: protein FAM98B [Drosophila miranda]
>gi|1037023411|ref|XP 017139485.1| PREDICTED: superoxide dismutase [Cu-Zn], chloroplastic [Dro
>gi|1037037083|ref|XP_017140306.1| PREDICTED: laccase [Drosophila miranda]
>gi|1037106636|ref|XP 017145524.1| PREDICTED: lipase 3 [Drosophila miranda]
>gi|1037032936|ref|XP_017140068.1| PREDICTED: lipase 3 [Drosophila miranda]
>gi|1037033784|ref|XP 017140117.1| PREDICTED: lipase 3-like [Drosophila miranda]
>gi|1037100802|ref|XP_017144819.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
>gi|1037100772|ref|XP_017144816.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
>gi|1037100822|ref|XP_017144821.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
>gi|1037100812|ref|XP_017144820.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
>gi|1037100792|ref|XP_017144818.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
>gi|1037100782|ref|XP_017144817.1| PREDICTED: sodium-coupled monocarboxylate transporter 1 iso
>gi|1037104707|ref|XP_017145251.1| PREDICTED: uncharacterized protein LOC108157625 [Drosophila
>gi|1037104713|ref|XP_017145252.1| PREDICTED: uncharacterized protein LOC108157626 isoform X1
>gi|1037104721|ref|XP_017145253.1| PREDICTED: uncharacterized protein LOC108157626 isoform X2
>gi|1037032585|ref|XP_017140046.1| PREDICTED: cardioacceleratory peptide receptor [Drosophila |
>gi|1037105484|ref|XP_017145365.1| PREDICTED: lateral signaling target protein 2 homolog [Dros
>gi|1037103023|ref|XP_017145037.1| PREDICTED: LOW QUALITY PROTEIN: protein bride of sevenless
>gi|1037105332|ref|XP 017145342.1| PREDICTED: uncharacterized protein LOC108157686 [Drosophila
>gi|1037063070|ref|XP_017142052.1| PREDICTED: neurofibromin isoform X3 [Drosophila miranda]
>gi|1037063036|ref|XP_017142049.1| PREDICTED: neurofibromin isoform X1 [Drosophila miranda]
>gi|1037063052|ref|XP_017142051.1| PREDICTED: neurofibromin isoform X2 [Drosophila miranda]
>gi|1037104380|ref|XP_017145206.1| PREDICTED: enhancer of split mdelta protein [Drosophila mire
>gi|1037104584|ref|XP_017145234.1| PREDICTED: enhancer of split mgamma protein [Drosophila mire
>gi|1037103882|ref|XP_017145140.1| PREDICTED: enhancer of split mbeta protein [Drosophila mirated]
>gi|1037031455|ref|XP_017139981.1| PREDICTED: enhancer of split malpha protein [Drosophila mire
>gi|1037032348|ref|XP_017140030.1| PREDICTED: enhancer of split M1 protein [Drosophila miranda]
>gi|1037031528|ref|XP_017139986.1| PREDICTED: enhancer of split M2 protein [Drosophila miranda]
>gi|1037104850|ref|XP_017145272.1| PREDICTED: enhancer of split m3 protein [Drosophila miranda]
>gi|1037031418|ref|XP_017139979.1| PREDICTED: enhancer of split m4 protein [Drosophila miranda
>gi|1037030924|ref|XP_017139948.1| PREDICTED: enhancer of split m5 protein [Drosophila miranda]
>gi|1037031475|ref|XP_017139982.1| PREDICTED: enhancer of split m6 protein [Drosophila miranda]
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>gi|1037103953|ref|XP_017145149.1| PREDICTED: enhancer of split m7 protein [Drosophila miranda]
>gi|1037103403|ref|XP_017145078.1| PREDICTED: enhancer of split m8 protein [Drosophila miranda]
>gi|1037103385|ref|XP_017145077.1| PREDICTED: actin-binding protein IPP-like [Drosophila miran
>gi|1037049648|ref|XP_017141132.1| PREDICTED: protein groucho isoform X1 [Drosophila miranda]
>gi|1037049664|ref|XP_017141133.1| PREDICTED: protein groucho isoform X1 [Drosophila miranda]
>gi|1037049680|ref|XP_017141134.1| PREDICTED: protein groucho isoform X1 [Drosophila miranda]
>gi|1037049696|ref|XP_017141135.1| PREDICTED: protein groucho isoform X2 [Drosophila miranda]
>gi|1037049713|ref|XP_017141136.1| PREDICTED: exocyst complex component 8 [Drosophila miranda]
>gi|1037049747|ref|XP_017141138.1| PREDICTED: charged multivesicular body protein 2a [Drosophi
>gi|1037049779|ref|XP_017141141.1| PREDICTED: UMP-CMP kinase [Drosophila miranda]
>gi|1037049794|ref|XP_017141142.1| PREDICTED: DNA replication complex GINS protein SLD5 [Droso
>gi|1037049810|ref|XP_017141143.1| PREDICTED: pre-rRNA-processing protein TSR2 homolog [Drosop
>gi|1037049860|ref|XP_017141146.1| PREDICTED: phosphatidylinositol N-acetylglucosaminyltransfer
>gi|1037049844|ref|XP_017141145.1| PREDICTED: uncharacterized protein LOC108155069 [Drosophila
>gi|1037049828|ref|XP_017141144.1| PREDICTED: 60S ribosomal protein L34 [Drosophila miranda]
>gi|1037049729|ref|XP_017141137.1| PREDICTED: tRNA (adenine(58)-N(1))-methyltransferase cataly
>gi|1037049763|ref|XP_017141139.1| PREDICTED: uncharacterized protein LOC108155064 [Drosophila
>gi|1037104120|ref|XP_017145170.1| PREDICTED: neuronal PAS domain-containing protein 4 [Drosop
>gi|1037102894|ref|XP_017145022.1| PREDICTED: uncharacterized protein LOC108157460 isoform X2
>gi|1037102885|ref|XP 017145021.1| PREDICTED: uncharacterized protein LOC108157460 isoform X1
>gi|1037102876|ref|XP_017145020.1| PREDICTED: uncharacterized protein LOC108157459 [Drosophila
>gi|1037106644|ref|XP 017145525.1| PREDICTED: glucose dehydrogenase [FAD, quinone] [Drosophila
>gi|1037106540|ref|XP_017145511.1| PREDICTED: GPI ethanolamine phosphate transferase 1-like [Di
>gi|1037106657|ref|XP_017145527.1| PREDICTED: suppressor protein SRP40-like isoform X2 [Drosop
>gi|1037106650|ref|XP_017145526.1| PREDICTED: clumping factor A-like isoform X1 [Drosophila mi
>gi|1037085656|ref|XP_017143631.1| PREDICTED: uncharacterized protein LOC108156599 [Drosophila
>gi|1037085600|ref|XP_017143627.1| PREDICTED: uncharacterized protein LOC108156597 [Drosophila
>gi|1037085614|ref|XP_017143628.1| PREDICTED: uncharacterized protein LOC108156597 [Drosophila
>gi|1037085628|ref|XP_017143629.1| PREDICTED: uncharacterized protein LOC108156597 [Drosophila
>gi|1037085642|ref|XP_017143630.1| PREDICTED: uncharacterized protein LOC108156597 [Drosophila
>gi|1037085670|ref|XP_017143632.1| PREDICTED: natterin-3 [Drosophila miranda]
>gi|1037085573|ref|XP_017143626.1| PREDICTED: protein HGH1 homolog [Drosophila miranda]
>gi|1037038365|ref|XP 017140382.1| PREDICTED: LOW QUALITY PROTEIN: proteasome subunit beta type
>gi|1037033508|ref|XP_017140101.1| PREDICTED: neurotrypsin-like [Drosophila miranda]
>gi|1037101313|ref|XP 017144867.1| PREDICTED: uncharacterized protein LOC108157356 [Drosophila
>gi|1037037714|ref|XP_017140343.1| PREDICTED: uncharacterized protein LOC108154551 [Drosophila
>gi|1037023427|ref|XP_017139486.1| PREDICTED: uncharacterized protein LOC108153899 [Drosophila
>gi|1037083391|ref|XP_017143460.1| PREDICTED: proteasome subunit beta type-7-like [Drosophila i
>gi|1037083375|ref|XP_017143459.1| PREDICTED: fructose-bisphosphate aldolase isoform X3 [Droso
>gi|1037083333|ref|XP_017143456.1| PREDICTED: fructose-bisphosphate aldolase isoform X1 [Droso
>gi|1037083363|ref|XP_017143458.1| PREDICTED: fructose-bisphosphate aldolase isoform X1 [Droso
>gi|1037083349|ref|XP_017143457.1| PREDICTED: fructose-bisphosphate aldolase isoform X2 [Droso
>gi|1037083319|ref|XP_017143455.1| PREDICTED: dipeptidase 1 [Drosophila miranda]
>gi|1037098293|ref|XP_017144601.1| PREDICTED: ABC transporter G family member 20 [Drosophila m
>gi|1037023441|ref|XP_017139487.1| PREDICTED: uncharacterized protein LOC108153900 [Drosophila
>gi|1037106346|ref|XP_017145483.1| PREDICTED: fructose-bisphosphate aldolase-like [Drosophila 1
>gi|1037036816|ref|XP_017140289.1| PREDICTED: uncharacterized protein LOC108154500 [Drosophila
>gi|1037038333|ref|XP_017140380.1| PREDICTED: uncharacterized protein LOC108154587 [Drosophila
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>gi|1037103069|ref|XP_017145042.1| PREDICTED: helix-loop-helix protein delilah [Drosophila mire
>gi|1037033142|ref|XP_017140081.1| PREDICTED: hexokinase type 1 [Drosophila miranda]
>gi|1037106025|ref|XP_017145440.1| PREDICTED: hexokinase type 2 [Drosophila miranda]
>gi|1037043816|ref|XP_017140744.1| PREDICTED: probable uridine-cytidine kinase isoform X1 [Dros
>gi|1037043830|ref|XP 017140745.1| PREDICTED: probable uridine-cytidine kinase isoform X2 [Dro
>gi|1037043784|ref|XP_017140742.1| PREDICTED: zinc metalloproteinase nas-1 isoform X2 [Drosoph
>gi|1037043768|ref|XP 017140741.1| PREDICTED: uncharacterized protein LOC108154836 isoform X1
>gi|1037043800|ref|XP_017140743.1| PREDICTED: uncharacterized protein LOC108154838 [Drosophila
>gi|1037043846|ref|XP_017140746.1| PREDICTED: uncharacterized protein LOC108154840 [Drosophila
>gi|1037043737|ref|XP_017140739.1| PREDICTED: protein crumbs isoform X1 [Drosophila miranda]
>gi|1037043755|ref|XP_017140740.1| PREDICTED: protein crumbs isoform X2 [Drosophila miranda]
>gi|1037044023|ref|XP_017140753.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037043992|ref|XP_017140751.1| PREDICTED: zinc finger CCCH domain-containing protein 14 [Di
>gi|1037044008|ref|XP_017140752.1| PREDICTED: uncharacterized protein LOC108154847 [Drosophila
>gi|1037043950|ref|XP_017140748.1| PREDICTED: bromodomain and WD repeat-containing protein 3 is
>gi|1037043962|ref|XP_017140749.1| PREDICTED: bromodomain and WD repeat-containing protein 3 is
>gi|1037043976|ref|XP_017140750.1| PREDICTED: protein RRP5 homolog [Drosophila miranda]
>gi|1037089702|ref|XP 017143913.1| PREDICTED: exosome complex exonuclease RRP44 [Drosophila mi
>gi|1037105468|ref|XP_017145363.1| PREDICTED: acyl-CoA synthetase short-chain family member 3,
>gi|1037106681|ref|XP 017145530.1| PREDICTED: dromyosuppressin [Drosophila miranda]
>gi|1037064318|ref|XP_017142137.1| PREDICTED: RNA-binding protein FUS isoform X4 [Drosophila m
>gi|1037064288|ref|XP_017142135.1| PREDICTED: RNA-binding protein FUS isoform X2 [Drosophila m
>gi|1037064302|ref|XP_017142136.1| PREDICTED: RNA-binding protein FUS isoform X3 [Drosophila m
>gi|1037064272|ref|XP_017142134.1| PREDICTED: RNA-binding protein FUS isoform X1 [Drosophila m
>gi|1037064210|ref|XP_017142130.1| PREDICTED: C2 domain-containing protein 5 isoform X1 [Droso
>gi|1037064226|ref|XP_017142131.1| PREDICTED: C2 domain-containing protein 5 isoform X2 [Droso
>gi|1037064242|ref|XP_017142132.1| PREDICTED: golgin-84 [Drosophila miranda]
>gi|1037064258|ref|XP_017142133.1| PREDICTED: golgin-84 [Drosophila miranda]
>gi|1037091762|ref|XP_017144074.1| PREDICTED: tRNA modification GTPase GTPBP3, mitochondrial [
>gi|1037091898|ref|XP_017144083.1| PREDICTED: uncharacterized protein LOC108156866 [Drosophila
>gi|1037091794|ref|XP_017144076.1| PREDICTED: uncharacterized protein LOC108156860 isoform X1
>gi|1037091806|ref|XP_017144077.1| PREDICTED: uncharacterized protein LOC108156860 isoform X2
>gi|1037091826|ref|XP 017144078.1| PREDICTED: uncharacterized protein LOC108156861 [Drosophila
>gi|1037091840|ref|XP_017144079.1| PREDICTED: uncharacterized protein LOC108156862 [Drosophila
>gi|1037091856|ref|XP 017144080.1| PREDICTED: uncharacterized protein LOC108156863 [Drosophila
>gi|1037091884|ref|XP_017144082.1| PREDICTED: uncharacterized protein LOC108156865 [Drosophila
>gi|1037091870|ref|XP_017144081.1| PREDICTED: uncharacterized protein LOC108156864 [Drosophila
>gi|1037091780|ref|XP_017144075.1| PREDICTED: uncharacterized protein LOC108156859 [Drosophila
>gi|1037035853|ref|XP_017140233.1| PREDICTED: uncharacterized protein LOC108154472 [Drosophila
>gi|1037023461|ref|XP_017139488.1| PREDICTED: uncharacterized protein LOC108153901 [Drosophila
>gi|1037035770|ref|XP_017140228.1| PREDICTED: uncharacterized protein LOC108154468 [Drosophila
>gi|1037023479|ref|XP_017139489.1| PREDICTED: uncharacterized protein LOC108153902 [Drosophila
>gi|1037034559|ref|XP_017140167.1| PREDICTED: LOW QUALITY PROTEIN: uncharacterized protein LOC
>gi|1037023499|ref|XP_017139490.1| PREDICTED: uncharacterized protein LOC108153904 [Drosophila
>gi|1037023517|ref|XP_017139491.1| PREDICTED: uncharacterized protein LOC108153905 [Drosophila
>gi|1037035700|ref|XP_017140223.1| PREDICTED: uncharacterized protein LOC108154464 [Drosophila
>gi|1037074554|ref|XP_017142830.1| PREDICTED: acetylcholine receptor subunit alpha-like 1 [Dros
>gi|1037074616|ref|XP_017142834.1| PREDICTED: uncharacterized protein LOC108156062 [Drosophila
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>gi|1037074632|ref|XP_017142835.1| PREDICTED: uncharacterized protein LOC108156063 [Drosophila
>gi|1037074568|ref|XP_017142831.1| PREDICTED: acetylcholine receptor subunit alpha-like 2 [Dros
>gi|1037074584|ref|XP 017142832.1| PREDICTED: acetylcholine receptor subunit beta-like 2 [Dros
>gi|1037074507|ref|XP_017142826.1| PREDICTED: zinc finger protein DZIP1L isoform X1 [Drosophile
>gi|1037074522|ref|XP 017142827.1| PREDICTED: zinc finger protein DZIP1L isoform X2 [Drosophile
>gi|1037074538|ref|XP_017142828.1| PREDICTED: zinc finger protein DZIP1L isoform X3 [Drosophile
>gi|1037074600|ref|XP 017142833.1| PREDICTED: serine/threonine-protein phosphatase alpha-1 iso
>gi|1037035667|ref|XP_017140222.1| PREDICTED: uncharacterized protein LOC108154461 [Drosophila
>gi|1037105834|ref|XP 017145413.1| PREDICTED: protein takeout [Drosophila miranda]
>gi|1037097586|ref|XP_017144529.1| PREDICTED: protein phosphatase 1 regulatory subunit 21 [Drog
>gi|1037097597|ref|XP_017144530.1| PREDICTED: iron-sulfur cluster assembly 2 homolog, mitochon
>gi|1037056760|ref|XP 017141613.1| PREDICTED: uncharacterized protein LOC108155362 [Drosophila
>gi|1037056776|ref|XP_017141614.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1037056792|ref|XP_017141615.1| PREDICTED: probable multidrug resistance-associated protein
>gi|1037065176|ref|XP_017142186.1| PREDICTED: proton-associated sugar transporter A isoform X2
>gi|1037065161|ref|XP 017142185.1| PREDICTED: proton-associated sugar transporter A isoform X1
>gi|1037065191|ref|XP_017142188.1| PREDICTED: proton-associated sugar transporter A isoform X3
>gi|1037065250|ref|XP 017142192.1| PREDICTED: uncharacterized protein LOC108155709 isoform X2
>gi|1037065219|ref|XP_017142190.1| PREDICTED: uncharacterized protein LOC108155709 isoform X1
>gi|1037065234|ref|XP 017142191.1| PREDICTED: uncharacterized protein LOC108155709 isoform X1
>gi|1037065206|ref|XP_017142189.1| PREDICTED: survival of motor neuron-related-splicing factor
>gi|1037091596|ref|XP 017144062.1| PREDICTED: synaptosomal-associated protein 25 isoform X2 [Di
>gi|1037091583|ref|XP_017144061.1| PREDICTED: synaptosomal-associated protein 25 isoform X1 [Di
>gi|1037091610|ref|XP_017144063.1| PREDICTED: synaptosomal-associated protein 25 isoform X3 [Di
>gi|1037091637|ref|XP_017144064.1| PREDICTED: synaptosomal-associated protein 25 isoform X4 [Di
>gi|1037092359|ref|XP_017144113.1| PREDICTED: 28S ribosomal protein S5, mitochondrial [Drosoph
>gi|1037045773|ref|XP 017140873.1| PREDICTED: casein kinase II subunit alpha [Drosophila mirane
>gi|1037045791|ref|XP_017140874.1| PREDICTED: casein kinase II subunit alpha [Drosophila miran
>gi|1037045744|ref|XP_017140870.1| PREDICTED: unconventional myosin heavy chain 6 isoform X1 [
>gi|1037045759|ref|XP_017140872.1| PREDICTED: myosin-I heavy chain isoform X2 [Drosophila mirated
>gi|1037094869|ref|XP_017144293.1| PREDICTED: DEAD-box helicase Dbp80 [Drosophila miranda]
>gi|1037023535|ref|XP_017139493.1| PREDICTED: LOW QUALITY PROTEIN: probable E3 ubiquitin-prote
>gi|1037100223|ref|XP 017144763.1| PREDICTED: LOW QUALITY PROTEIN: 60S ribosomal protein L15 [
>gi|1037096957|ref|XP_017144470.1| PREDICTED: uncharacterized protein LOC108157108 [Drosophila
>gi|1037096968|ref|XP 017144472.1| PREDICTED: NADH dehydrogenase [ubiquinone] 1 beta subcomplex
>gi|1037098733|ref|XP_017144642.1| PREDICTED: uncharacterized protein LOC108157205 [Drosophila
>gi|1037023553|ref|XP 017139494.1| PREDICTED: cholesterol 7-desaturase, partial [Drosophila min
>gi|1037089209|ref|XP_017143874.1| PREDICTED: uncharacterized protein LOC108156730 isoform X1
>gi|1037089223|ref|XP_017143875.1| PREDICTED: uncharacterized protein LOC108156730 isoform X2
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