

CLUSTAL O(1.2.3) multiple sequence alignment

```
silva|AY342037|1|1457|      -----
AUUGAAGAGUUUGAUUCUGGCUCAGAUUGAACGC
silva|AJ232231|1|1477|      -----CAGAUGAACGC
silva|AE003849|172274|173818| -----
UAAGUGAAGAGUUUGAUCCUGGCUCAGAGUGAACGC
silva|AF442743|1|2165|      -----
AGAGUUAGAUCUUGGCUCAGAGUGAACGC
silva|AY026912|1|1458|      -----AAUGAACGC
silva|BA000021|136582|138132| -----
AAAUUGAAGAGUUUGAUCAUGGCUCAGAUUGAACGC
silva|AY513500|1|1491|      -----
CCCUAGUUGAUCCUGGCUCAGAUUGAACGC
silva|EF643609|1|1542|      -----
AAAUUGAAGAGUUUGAUCAUGGCUCAGAUUGAACGC
silva|AE014299|2973049|2974577| -----
AGUUUGAUCAUGGCUCAGAUUGAACGC
silva|U90316|1|1541|      -----
AAAUUGAAGAGUUUGAUCAUGGCUCAGAUUGAACGC
silva|AJ235272|177323|178829| -----
GACAGAAUCAAAACUUGAGAGUUUGAUCCUGGCUCAGAACGAACGC
silva|U12460|1|1436|      -----AACGAACGC
silva|AL646052|3277704|3279237| -----
AACUGAAGAGUUUGAUCCUGGCUCAGAUUGAACGC
silva|AY574913|1|1531|      -----
AGUUUGAUCAUGGCUCAGAUUGAACGC
silva|EU620069|1|1570|      GUCCUCGGUUCCCGCGAUC-
CUCUGGAGAUUAGAGUUUGAUCCUGGCUCAGAUUGAACGC
silva|X06684|1|1537|      -----
GAACUGAAGAGUUUGAUCAUGGCUCAGAUUGAACGC
silva|D78004|1|1483|      -----AUUGAACGC
silva|CR378665|83603|85179|      -----
GUUUGAUCAUGGCUCAGAUUGAACGC
silva|EU918692|1|1499|      -----
AGAGUUUGAUCCUGGCUCAGAUUGAACGC
silva|AF310340|1|1471|      -----UUGAACGC
silva|AY062899|1|1492|      -----
AGAGUUUGAUCCUGGCUCAGAGUGAACGC
silva|AE017180|1224149|1225696| -----
AGAGUUUGAUCCUGGCUCAGAACGAACGC
silva|U07573|1|1470|      -----
GAGUUUGAUCCUGGCUCAGAGUGAACGC
```

silva|AY613472|1|1538| -----
 AUUGAAGAGUUUGAUCAUUGGCUCAGAUUGAACGC
 silva|AB045730|1|1534| -----
 GAGUUUGAUCAUUGGCUCAAAUUGAACGC
 silva|AY362360|1|1510| -----
 AGAGUUUGAUCAUUGGCUCAGAUUGAACGC
 silva|EU693450|1|1505| -----
 UAGAGUUUGAUCAUUGGCUCAGAUUGAACGC
 silva|AE005673|2840172|2841610| -----AGCGAACGC
 silva|AANK01000003|466|1969| -----
 AGAGUUUGAUCCUGGCUCAGAGUGAACGC
 silva|M27039|1|1547| -----
 AAAUUGAAGAGUUUGAUCAUUGGCUCAGAUUGAACGC
 silva|AY513527|1|1412| -----CUCAGAACGAACGC
 silva|AF208508|1|1472| -----CCUGGCUCAGAGCGAACGC
 silva|BX640417|66117|67648| -----
 UGAACUGAAGAGUUUGAUCCUGGCUCAGAUUGAACGC
 silva|BX640428|97283|98814| -----
 UGAACUGAAGAGUUUGAUCCUGGCUCAGAUUGAACGC
 silva|AF084850|1|1436| -----AACAAACGC
 silva|AJ250247|1|1455| -----
 GAGAGUUUGAUCCUGGCUCAGAACGAACGC
 silva|BX897699|1583137|1584628| -----
 UUCAUAUGAGAGUUUGAUCCUGGCUCAGAACGAACGC
 silva|EU071537|1|1509| -----
 AUUCGUGAUUGAGUUUGAUCAUUGGCUCAGAUUGAACGC

silva|AY342037|1|1457| UAGCGGCAUGC---UUAACACAUGCAAGUCGAACGGCAGCGCG-
 -GGGAGCUUGCUC
 silva|AJ232231|1|1477| UGGCGGCAGGC---
 CUAACACAUGCAAGUCGAGCGGCACCGGGAA-GUAGUUUACUA-C
 silva|AE003849|172274|173818| UGGCGGCAGGC---
 CUAACACAUGCAAGUCGGACGGCAGCACGUUGGUAG--UAAUACC
 silva|AF442743|1|2165| UGGCGGCAGGC---
 CUAACACAUGCAAGUCGAACGGCAGCACAGUAAGAGCUUGCUCUU
 silva|AY026912|1|1458| UGGCGGCAGGC---
 CUAACACAUGCAAGUCGAACGGAGUUUAU-UGUAGCUUGCUAUG
 silva|BA000021|136582|138132| UAGCGGCAAGC---
 CUAACACAUGCAAGUCGUGCGGCAUCGUAGA---GAUU--UUUC
 silva|AY513500|1|1491| UGGCGGCAGGC---
 CUAACACAUGCAAGUCGAGCGGCAGCACAGA-GGAACUUGUUC-C
 silva|EF643609|1|1542| UGGCGGCAGGC---
 CUAACACAUGCAAGUCGAACGGUAAACAGGAA-UCAGCUUGCUG-A

silva|AE014299|2973049|2974577| UGGCGGCAGGC----
CUAACACAUGCAAGUCGAGCGGCAGCACA--AGUGAGUUUACUCA
silva|U90316|1|1541| UGGCGGCAGGC----
CUAACACAUGCAAGUCGAACGGUAACAGGAA-GCAGCUUGCUC--
silva|AJ235272|177323|178829| UAUCGGUAUGC----
UUAACACAUGCAAGUCGAACGGAUUAA--C-UAGAGCUCGCUUUA
silva|U12460|1|1436| UAUCGGUAUGC----UUAACACAUGCAAGUCGAACGGACUAA--U-
UGGGGCUUGCUGCA
silva|AL646052|3277704|3279237| UGGCGGCAUGC----
CUUACACAUGCAAGUCGAACGGCAGCGGGG-GU-AGCUUGCUCUAC-
silva|AY574913|1|1531| UGGCGGCAGGC----CUAACACAUGCAAGUCGAGCGGCAGCAC---
GGGUACUUGUACCU
silva|EU620069|1|1570| UGGCGGCAGGC----CUAACACAUGCAAGUCGAGCGGAUGA-C---
GGGAGCUUGCUCU
silva|X06684|1|1537| UGGCAGCAGGGGCCUUCAACACAUGCAAGUCGAGCUUAUGAA---
-GGGAGCUUG--CCU
silva|D78004|1|1483| UGGCGGAAGGC----
CUAACACAUGCAAGUCGAGCGGUAAACAGGAA-AGCGCUUGCUC-U
silva|CR378665|83603|85179| UGGCGGCAGGC----
CUAACACAUGCAAGUCGAGCGGUAAACAGGAA-UUAGCUUGCUCU-A
silva|EU918692|1|1499| UGGCGGCAGGC----
CUAACACAUGCAAGUCGAGCGGCAGCGGGAAAGUAGCUUGCUCUACU
silva|AF310340|1|1471| UGGCGGCAUGC----
UUUACACAUGCAAGUCGGACGGCAGCACAG-AGAAGCUUGCUCUUCU
silva|AY062899|1|1492| UGGCGGCGUGC----CUAAUACAUGCAAGUCGAACG-
AUGAAGCU-UCUAGCUUGCUCUAGA
silva|AE017180|1224149|1225696| UGGCGGCGUGC----
CUAACACAUGCAAGUCGAACGUGAUC-----CAUCCUUCGG---
silva|U07573|1|1470| UGGCGGCGUGC----CUAAUACAUGCAAGUCGAACG-AUGAAUCU-
UCUAGCUUGCUCUAGA
silva|AY613472|1|1538| UGGCGGCAGGC----
UUAACACAUGCAAGUCGAACGGUAGCAGGAG-AAAGCUUGCUCU-U
silva|AB045730|1|1534| UGGCGGCAGGC----
CUAACACAUGCAAGUCGAACGGUAACAGGAA-GCAGCUUGCUCUG-C
silva|AY362360|1|1510| UGGCGGCGUGC----UUAACACAUGCAAGUCGCGCGUGAAA-----
GG-GCUUCGG---
silva|EU693450|1|1505| UGGCGGCAUGC----
UUUACACAUGCAAGUCGAACGGUAACAGGG----UGCU---UGCA
silva|AE005673|2840172|2841610| UGGCGGCAGGC----
CUAACACAUGCAAGUCGAACGGAUCCUUC-----
silva|AANK01000003|466|1969| UGGCGGCGUGC----CUAAUACAUGCAAGUCGAACG-
AUGAAGCU-UUUAGCUUGCUCUAGA
silva|M27039|1|1547| UGGCGGCAAGC----
CUAACACAUGCAAGUCGAGCGGCAGCGAGAAGAGAGCUUGCUCUC

silva|AY513527|1|1412| UGGCGGCAGGC----UUAACACAUGCAAGUCGAGCGCCCCG-----

silva|AF208508|1|1472| UGGCGGCAGGC----
UUAACACAUGCAAGUCGAGCGGGCGUAGCA-----
silva|BX640417|66117|67648| UGGCGGGAUGC----
UUUACACAUGCAAGUCGGACGGCAGCACGG-GC----UUCGGC-
silva|BX640428|97283|98814| UGGCGGGAUGC----
UUUACACAUGCAAGUCGGACGGCAGCACGG-GC----UUCGGC-
silva|AF084850|1|1436| UGGCGGCUGUC----CUAAUACAUGCAAGUCGAACGGG-----
GAAAGCUUUCGG--
silva|AJ250247|1|1455| UGGCGGCAGGC----UUAACACAUGCAAGUCGAGCGCACUCUUU-

silva|BX897699|1583137|1584628| UGGCGGCAGGC----
UUAACACAUGCAAGUCGAGCGCACUCUUU-----
silva|EU071537|1|1509| UGGCGGCAGGC----UUAACACAUGCAAGUCGAGCGGGGA--GA--
UGUAGCUUGC UACA

* * * * * * * * * * * *

silva|AY342037|1|1457| UG--GCGGCGAGUGGCGGACGGGUGAGUAAUGCGUAG-
GAAUCUACCUUGUAGUGGGGGA
silva|AJ232231|1|1477| UUUGCCGCGAGCGGCGGACGGGUGAGUAAUGUCUGG-
GGAUCUGCCUGAUGGAGGGGGA
silva|AE003849|172274|173818| AUGGGUGGCGAGUGGCGGACGGGUGAGGAAUACAUCG-
GAAUCUACCUUAUCGUGGGGGA
silva|AF442743|1|2165| AUGGGUGGCGAGUGGCGGACGGGUGAGGAAUACAUCA-
GAAUCUACUCUUCGUGGGGGA
silva|AY026912|1|1458| AUA-UAACUAGUGGCAGACGGGUGAGUAAUGUAUAGG-
AAUCUACCUAGUAGUACGGAA
silva|BA000021|136582|138132| UUUGACGGCAAGCGGCGAACGGGUGAGUAAUGUCUGG-
GGAUCUGCCUAAAAAAGGGGGA
silva|AY513500|1|1491| UUGGGUGGCGAGCGGCGGACGGGUGAGUAAUGCCUGG-
GAAAUUGCCCGUAGAGGGGGA
silva|EF643609|1|1542| UUCGCUGACGAGUGGCGGACGGGUGAGUAAUGUCUGG-
GAAACUGCCUGAUGGAGGGGGA
silva|AE014299|2973049|2974577| UGAGGUGGCGAGCGGCGGACGGGUGAGUAAUGCCUAG-
GGAUCUGCCCAGUCGAGGGGGA
silva|U90316|1|1541| UUCGCUGACGAGUGCCGGACGGUUGAGUAAUGUCUGG-
GAAACUGCCUGAUGGAGGGGGA
silva|AJ235272|177323|178829| G---UAAAUAGUGGCAGACGGGUGAGUAACACGUGGG-
AAUCUACCAUCAGUACGGAA
silva|U12460|1|1436| G---UUAGUUAGUGGCAGACGGGUGAGUAACACGUGGG-
AAUCUACCAUUAGUACGGAA
silva|AL646052|3277704|3279237| CUG-CCGGCGAGUGGCGAACGGGUGAGUAAUACAUCG-
GAACGUGCCUGUAGUGGGGGA

silva|AY574913|1|1531| GG--UGG-CGAGCGGCGGACGGGUGAGUAAUGCCUAG-
 GAAUCUGCCUGGUAGUGGGGGA
 silva|EU620069|1|1570| U---GAU-UCAGCGGCGGACGGGUGAGUAAUGCC-AG-
 GAAUCUGCCUGGUAGUGGGGGA
 silva|X06684|1|1537| UG--GAU-UCAGCGGCGGACGGGUGAGUAAUGCCUAG-
 GAAUCUGCCUGGUAGUGGGGGA
 silva|D78004|1|1483| UUUGCUGACGAGCGGCGGACGGGUGAGUAAUGUCUGG-
 GGAUCUGCCCAGGGUGGGGGA
 silva|CR378665|83603|85179| UUCGCUGACGAGCGGCGGACGGGUGAGUAAUGCCUGG-
 GAAUAUGCCUAGUGUGGGGGA
 silva|EU918692|1|1499| UUUGCCGGCGAGCGGCGGACGGGUGAGUAAUGCCUGG-
 GGAUCUGCCCAGUCGAGGGGGA
 silva|AF310340|1|1471| CGG-GUGGCGAGUGGCGAACGGGUGAGUAAUAUCG-
 GAACGUACCGAGUAGUGGGGGA
 silva|AY062899|1|1492| AUG-
 CUGAUUAGUGGCGCACGGGUGAGUAAACGCAUAGGUCAUGUGCCUCUAGUUUGGGA
 silva|AE017180|1224149|1225696| -
 GGUGGUGAAAGUGGCGCACGGGUGAGUAAACGCGUGGAUAAUCUGCCCGAGGAUUUGGGA
 silva|U07573|1|1470| A-G-
 UGGAUUAGUGGCGCACGGGUGAGUAAUGCAUAGGUUAUGUGCCCUUUAGUCUGGGA
 silva|AY613472|1|1538| CUUGCUGACGAGUGGCGGACGGGUGAGUAAUGCUUGG-
 GAAUCUGGCUUAUGGAGGGGGA
 silva|AB045730|1|1534| UUUGCUGACGAGUGGCGGACGGGUGAGUAAUGUCUGG-
 GAAACUGCCCGUGGAGGGGGA
 silva|AY362360|1|1510| -
 CCCGAGUAAAGCGGCGCACGGGUGAGUAAACGCGUGGAUGAUCUACCCAUGAGUUUGGGA
 silva|EU693450|1|1505| CCG-CUGACGAGUGGCGAACGGGUGAGUAAACGCAUCG-
 GAAUGUACCGUGUAAUGGGGGA
 silva|AE005673|2840172|2841610| ----GGGAUUAGUGGCGGACGGGUGAGUAAACACGUGGG-
 AACGUGCCCUUUGGUUCGGAA
 silva|AANK01000003|466|1969| A-G-
 UGGAUUAGUGGCGCACGGGUGAGUAAAGGUUAUAGUAAUCUGCCCUACACAAGAGGA
 silva|M27039|1|1547| UUUGUCGGCAAGCGGCAAACGGGUGAGUAAUAUCUGG-
 GGAUCUACCCAAAAGAGGGGGA
 silva|AY513527|1|1412| --C-AAGGGGAGCGGCAGACGGGUGAGUAAACGCGUGGG-
 AACGUACCAUUUGCUACGGAA
 silva|AF208508|1|1472| --A-UACGUCAGCGGCAGACGGGUGAGUAAACGCGUGGG-
 AACGUACCUUUUGGUUCGGAA
 silva|BX640417|66117|67648| CUG-GUGGCGAGUGGCGAACGGGUGAGUAAUGUAUCG-
 GAACGUGCCCAGUAGCGGGGGA
 silva|BX640428|97283|98814| CUG-GUGGCGAGUGGCGAACGGGUGAGUAAUGUAUCG-
 GAACGUGCCCAGUAGCGGGGGA
 silva|AF084850|1|1436| -
 GUGAGUACUAGUGGCGCACGGGUGAGGAACGCGUGGAUAAUCUGCCUAGAGUGGGGGA

silva|AJ250247|1|1455| --U-AGAGUGAGCGGCAAACGGGUGAGUAAACGCGUGGG-
AAUCUACCCAUCUCUACGGAA
silva|BX897699|1583137|1584628| --U-AGAGUGAGCGGCAAACGGGUGAGUAAACGCGUGGG-
AAUCUACCCAUCUCUACGGAA
silva|EU071537|1|1509| UU--U--CCUAGCGGCGGACGGGUGAGUAAUGCUUAG-
GAAUCUGCCUAUUAGUGGGGGA
* * * * * * * * * * * * * *

silva|AY342037|1|1457| UAACCUGGGGAAACUCGGGCUAAUACCGCAUAAUCUCU-----
-----UUGGAG
silva|AJ232231|1|1477| UAACUACUGGAAACGGUAGCUAAUACCGCAUGACCUC-----
--G--CAAGAG
silva|AE003849|172274|173818| UAACGUAGGGAAACUACGCUAAUACCGCAUACGACCU---
-----ACGGGU
silva|AF442743|1|2165| UAACGUAGGGAAACUACGCUAAUACCGCAUACGACCU-----
-----ACGGGU
silva|AY026912|1|1458| UAAUUGUUGGAAACGACAACUAAUACCGUAUACGCCCUA-----
-----UGGGG
silva|BA000021|136582|138132| CAACUACUGGAAACGGUAGCUAAUACCGCAUAAUAUC---
-----G--AAAGAU
silva|AY513500|1|1491| UAACCAUUGGAAACGAUGGCUAAUACCGCAUAACCUC-----
---G--CAAGAG
silva|EF643609|1|1542| UAACUACUGGAAACGGUAGCUAAUACCGCAUAAUGUC-----
---G--CAAGAC
silva|AE014299|2973049|2974577| UAACAGUUGGAAACGACUGCUAAUACCGCAUACGCCCU-
-----ACGGGG
silva|U90316|1|1541| UAACUACUGGAAACGGUAGCUAAUACCGCAUAACGUC-----
--G--CAAGAC
silva|AJ235272|177323|178829|
UAACUUUUAGAAAUAAAAGCUAAUACCGUAUUAUUCUCUA-----CGGAG
silva|U12460|1|1436| UAACUUUUAGAAAUAAAAGCUAAUACCGUAUUAUUCUCUG-----
-----CGGAG
silva|AL646052|3277704|3279237| UAACUAGUCGAAAGACUAGCUAAUACCGCAUACGACCU-
-----GAGGGU
silva|AY574913|1|1531| UAACGCUCGGAAACGGACGCUAAUACCGCAUACGUCCU-----
-----ACGGGA
silva|EU620069|1|1570| CAACGUUUCGAAAGGAACGCUAAUACCGCAUACGUCCU-----
-----ACGGGA
silva|X06684|1|1537| UAACGUCCGGAAACGGCCGCUAAUACCGCAUACGUCCU-----
---GAGGGA
silva|D78004|1|1483| UAACCACUGGAAACGGUGGCUAAUACCGCAUAAUGUC-----
--G--CAAGAC
silva|CR378665|83603|85179|
UAACUAUUGGAAACGAUAGCUAAUACCGCAUAACGUCUUUGUUCAUUACGAG--CGGGAC

silva|EU918692|1|1499| UAACAGUUGGAAACGACUGCUAAUACCGCAUACGCCCCU-----
 -----ACGGGG
 silva|AF310340|1|1471| UAACUGAUCGAAAGAUCAGCUAAUACCGCAUACGUCUU-----
 -----GAGAGA
 silva|AY062899|1|1492| UAGCCAUUGGAAACGAUGAUUAAUACCAGAUACUCCCUA-----
 -----CGGGG
 silva|AE017180|1224149|1225696|
 UAACAUCUCGAAAGGGGUGCUAAUACCGAAUAAGCCACGGGGUCUACGGAUCUUGCGGG
 silva|U07573|1|1470| UAGCCACUGGAAACGGUGAUUAAUACUGGAUACUCCCUA-----
 -----CGGGG
 silva|AY613472|1|1538| UAACGACGGGAAACUGUCGCUAAUACCGCGUAUUAUC-----
 ---G--GAAGAU
 silva|AB045730|1|1534| UAACUACUGGGAACGGUAGCUAAUACCGCAUAACGUC-----
 ---G--CAAGAC
 silva|AY362360|1|1510| UAACGGCUGGAAACGGUCGCUAAUACCGAAUACGCUCCG-
 AUUU-----CAACUUCGGGG
 silva|EU693450|1|1505| UAGCUCGGCGAAAGCCGGAUUAUACCGCAUACGCCCCU-----
 -----GAGGGG
 silva|AE005673|2840172|2841610|
 CAACUCAGGGAAACUUGAGCUAAUACCGGAUGUGCCCUU-----CGGGG
 silva|AANK01000003|466|1969|
 CAACAGUUGGAAACGACUGCUAAUACUCUAUACUCCUGCU---UACACAAGUUGAGUAG
 silva|M27039|1|1547| UAACUACUAGAAAUGGUAGCUAAUACCGCAUAAUGUU-----
 ---G--AAAAAC
 silva|AY513527|1|1412| UAACUCAGGGAAACUUGUGCUAAUACCGUAUGUGCCCUUC---
 -----GGGG
 silva|AF208508|1|1472| CAACACAGGGAAACUUGUGCUAAUACCGGAUAAGCCCUU-----
 -----ACGGG
 silva|BX640417|66117|67648| UAACUACGCGAAAGCGUGGCUAAUACCGCAUACGCCCCU-----
 -----ACGGGG
 silva|BX640428|97283|98814| UAACUACGCGAAAGCGUGGCUAAUACCGCAUACGCCCCU-----
 -----ACGGGG
 silva|AF084850|1|1436| UAACUAGUCGAAAGAUUAGCUAAUACCGCAUAAGACCA-----
 -----CAGGA-
 silva|AJ250247|1|1455| UAACACAGAGAAAUUUGUGCUAAUACCGUAUACGUCCCUC-----
 -----UGGGA
 silva|BX897699|1583137|1584628|
 UAACACAGAGAAAUUUGUGCUAAUACCGUAUACGUCCUU-----AGGGA
 silva|EU071537|1|1509| CAACAUUCCGAAAGGGAUGCUAAUACCGCAUACGCCCCU-----
 -----ACGGGG

* * * * *

silva|AY342037|1|1457| CAAAGCGGGGGAUC--UUC-----
 GGACCUCGUGCUAUAAGAUGAGCCUAC

silva|AJ232231|1|1477| CAAAGUGGGGGACC--UUA-----
GGGCCUCACGCCAUCGGAUGAACCCAG
silva|AE003849|172274|173818| GAAAGCAGGGGACC--UUA-----
GGGCCUUGUGCGAUUGGAUGAGCCGAU
silva|AF442743|1|2165| GAAAGCGGAGGACC--UUC-----
GGGCUUCGCGCGGUUGAAUGAGCCGAU
silva|AY026912|1|1458| GAA-----
AAAUUUAAUUGCUAUUAGAUGAGCCUAU
silva|BA000021|136582|138132| CAAAGCAGGGGACU--
AAUAUAAUACUUUAUUAUCAGCCUUGCGUUUUUAGAUGAACCCAG
silva|AY513500|1|1491| CAAAGCAGGGGACC--UUC-----
GGGCCUUGCGCUACCGGAUAUGCCAG
silva|EF643609|1|1542| CAAAGAGGGGGACC--UUC-----
GGGCCUCUUGCCAUCGGAUGUGCCAG
silva|AE014299|2973049|2974577| GAAAGAGGGGGACU--UUC-----
GGGCCUCUCGCGAUUGGAUGAACCUAG
silva|U90316|1|1541| CAAAGAGGGGGACC--UUC-----
GGGCCUCUUGCCAUCGCAUGUGCCAG
silva|AJ235272|177323|178829| GAA-----
AGAUUUUAUCGCUGAUGGAUGGGCCCGC
silva|U12460|1|1436| GAA-----
AGAUUUUAUCGCUGAUGGAUGAGCCCGC
silva|AL646052|3277704|3279237| GAAAGUGGGGGACC--GCA-----
AGGCCUCAUGCUAUAGGAGCGGCCGAU
silva|AY574913|1|1531| GAAAGCAGGGGACC--UUC-----
GGGCCUUGCGCUAUCAGAUGAGCCUAG
silva|EU620069|1|1570| GAAAGCAGGGGACC--UUC-----
GGGCCUUGCGCUAUCAGAUGAGCUUAG
silva|X06684|1|1537| GAAAGUCGGGGAUC--UUC-----
GGACCUCACGCUAUCAGAUGAGCCUAG
silva|D78004|1|1483| CAAAGUGGGGGACC--UAA-----
AGGCCUCACGCCCUGGAUGAACCCAG
silva|CR378665|83603|85179| CAAAGAGGGGGAAU--
CUUGUUUUUCGAAACAGGGUCCUCUCGCGCUAAGAUUAGCCAG
silva|EU918692|1|1499| GAAAGGAGGGGACC--UUC-----
GGGCCUUCGCGAUUGGAUGAACCCAG
silva|AF310340|1|1471| GAAAGCAGGGGACC--UUU-----
GGGCCUUGCGCUAUUCGAGCGGCCGAU
silva|AY062899|1|1492| GAA-----
AGAUUUUAUCGCUAAGAGAUCAGCCUAU
silva|AE017180|1224149|1225696| AAAAGGGGGGGACU--UUC-----
GGGCCUCCUGUCUUCGGAUGAGUCCGC
silva|U07573|1|1470| GAA-----AGU-
UUUUCGCUAAAGGAUCAGCCUAU

silva|AY613472|1|1538| GAAAGUGCGGGACU--GAG-----
AGGCCGCAUGCCAUAGGAUGAGCCCAA
silva|AB045730|1|1534| CAAAGAGGGGGACC--UUC-----
GGGCCUCUUGCCACCGGAUGUGCCAG
silva|AY362360|1|1510| GAAAGGUGGCCUCUGCUUG-----
CAAGCUACUGCUCAUGGAUGAGUCCGC
silva|EU693450|1|1505| GAAAGUGGGGGACC--GUA-----
AGGCCUCACGUUAUACGAGCAGCCGAU
silva|AE005673|2840172|2841610| GAA-----
AGAUUUAUCGCCAUUGGAGCGGCCCGC
silva|AANK01000003|466|1969| GGA-----
AAGUUUUUCGGUGUAGGAUGAGACUUAU
silva|M27039|1|1547| CAAAGUGGGGGACC--UUU-----
UGGCCUCAUGCUUUUGGAUGAACCCAG
silva|AY513527|1|1412| GAA-----
AGAUUUAUCGGCAAUGAUCGGGCCCGC
silva|AF208508|1|1472| GAA-----
AGAUUUAUCGCCGAAAGAUCGGCCCGC
silva|BX640417|66117|67648| GAAAGCGGGGGACC--UUC-----
GGGCCUCGCACUAUUGGAGCGGCCGAU
silva|BX640428|97283|98814| GAAAGCGGGGGACC--UUC-----
GGGCCUCGCACUAUUGGAGCGGCCGAU
silva|AF084850|1|1436| ---GCUGCGGCUC-----
UAGGGGUCAAAGGUUUUUCGCUCUAAGAUGAGUCCGC
silva|AJ250247|1|1455| GAA-----
AGAUUUAUCGGAGGUGGAUGAGCCCGC
silva|BX897699|1583137|1584628| GAA-----
AGAUUUAUCGGAGAUGGAUGAGCCCGC
silva|EU071537|1|1509| GAAAGCAGGGGAUC--UUC-----
GGACCUUGCGCUAAUAGAUGAGCCUAA

*

silva|AY342037|1|1457|
GUCGGAUUAGCUUGUUGGUGGGGUAAUGGCCUACCAAGGCGACGAUCCGUAGCUGGUCUG
silva|AJ232231|1|1477|
AUGGGAUUAGCUAGUAGGUGGGGUAAUGGCUCACCUAGGCGACGAUCCCUAGCUGGUCUG
silva|AE003849|172274|173818|
GUCCGAUUAGCUAGUUGGUGAGGUAAAAGGCUCACCAAGGCGACGAUCGGUAGCUGGUCUG
silva|AF442743|1|2165|
GUCGGAUUAGCUAGUUGGCGGGGUAAAGGCCACCAAGGCGACGAUCCGUAGCUGGUCUG
silva|AY026912|1|1458|
AUUAGAUAUAGCUUGUUGGUGGGGUAAUGGCCUACCAAGGCAAUGAUCUAUAGCUGAUCUG
silva|BA000021|136582|138132|
AUGAGAUAUAGCUAGUAGGUGAGGUAAAUGCUCACCUAGGCUACGAUCUCUAGCUGGUCUG

silva|AY513500|1|1491|
GUGGGAUUAGCUAGUUGGUGAGGUAAGGGCUCACCAAGGCGACGAUCCCUAGCUGGUCUG
silva|EF643609|1|1542|
AUGGGAUUAGCUUGUUGGUGGGGUAACGGCUCACCAAGGCGACGAUCCCUAGCUGGUCUG
silva|AE014299|2973049|2974577|
GUGGGAUUAGCUAGUUGGUGAGGUAUAGGCUCACCAAGGCGACGAUCCCUAGCUGUUCUG
silva|U90316|1|1541|
AUCGGAUUAGCUAGUUGGUGGGGUAACGGCUCACCAAGGCGACGAUCCCUAGCUGGUCUG
silva|AJ235272|177323|178829|
GUCAGAUUAGGUAGUUGGUGAGGUAUAGGCUCACCAAGCCGACGAUCUGUAGCUGGUCUG
silva|U12460|1|1436|
GUCAGAUUAGGUAGUUGGUGAGGUAUAGGCUCACCAAGCCGACGAUCUGUAGCUGGUCUG
silva|AL646052|3277704|3279237|
GUCUGAUUAGCUAGUUGGUGGGGUAAGGCCACCAAGGCGACGAUCAGUAGCUGGUCUG
silva|AY574913|1|1531|
GUCGGAUUAGCUAGUUGGUGAGGUAUAGGCUCACCAAGGCGACGAUCCGUUACUGGUCUG
silva|EU620069|1|1570| GUCGGAUUAGCUAGU-
GGUGAGGUAUAGGCUCACCAAGGCGACGAUCCGUUACUGGUCUG
silva|X06684|1|1537|
GUCGGAUUAGCUAGUUGGUGGGGUAAGGCCUACCAAGGCGACGAUCCGUUACUGGUCUG
silva|D78004|1|1483|
AUGGGAUUAGCUAGUAGGUAGGGUAUAGGCCUACCUAGGCGACGAUCCCUAGCUGGUCUG
silva|CR378665|83603|85179|
GUGGGAUUAGCUAGUUGGUGAGGUAAGGCUCACCAAGGCAACGAUCCCUAGCUGGUCUG
silva|EU918692|1|1499|
GUGGGAUUAGCUAGUUGGUGGGGUAUAGGCUCACCAAGGCGACGAUCCCUAGCUGGUCUG
silva|AF310340|1|1471|
AUCUGAUUAGCUGGUUGGUGGGGUAAGGCCUACCAAGGCGACGAUCAGUAGCGGGUCUG
silva|AY062899|1|1492|
GUCCUAUCAGCUUGUUGGUAAGGUAUAGGCUUACCAAGGCUAUGACGGGUUACCGGCCUG
silva|AE017180|1224149|1225696|
GUACCAUUAGCUAGUUGGUAGGGUAUAGGCCUACCAAGGCGACGAUGGUUAGCUGGUCUG
silva|U07573|1|1470|
GUCCUAUCAGCUUGUUGGUGAGGUAUAGGCUCACCAAGGCUAUGACGGGUUACCGGCCUG
silva|AY613472|1|1538|
GUGGGAUUAGGUAGUUGGUGGGGUAAGGCCUACCAAGCCUGCGAUCUCUAGCUGGUCUG
silva|AB045730|1|1534|
AUGGGAUUAGCUUGUUGGUGAGGUAACGGCUCACCAAGGCGACGAUCCCUAGCUGGUCUG
silva|AY362360|1|1510|
GUCCAUUAGCUAGUUGGUGGGGUAACGGCCCACCAAGGCGACGAUGGGUAGCCGGUCUG
silva|EU693450|1|1505|
GUCUGAUUAGCUAGUUGGUGAGGUAAGAGCUCACCAAGGCGACGAUCAGUAGCGGGUCUG
silva|AE005673|2840172|2841610|
GUCUGAUUAGCUAGUUGGUGAGGUAAGGCUCACCAAGGCGACGAUCAGUAGCUGGUCUG

silva|AANK01000003|466|1969|
AUAGUAUCAGCUAGUUGGUAAGGUAAUGGCUUACCAAGGCUAUGACGCUUACUGGUCUG
silva|M27039|1|1547|
ACGAGAUUAGCUUGUUGGUAGAGUAAUAGCCUACCAAGGCAACGAUCUCUAGCUGGUCUG
silva|AY513527|1|1412|
GUUGGAUUAGCUAGUUGGUGGGGUAAAGGCUCACCAAGGCGACGAUCCAUAAGCUGGUCUG
silva|AF208508|1|1472|
GUCUGAUUAGCUAGUUGGUGAGGUAAUGGCUCACCAAGGCGACGAUCAGUAGCUGGUCUG
silva|BX640417|66117|67648|
AUCGGAUUAGCUAGUUGGUGGGGUAAACGGCCUACCAAGGCGACGAUCCGUAGCUGGUUUG
silva|BX640428|97283|98814|
AUCGGAUUAGCUAGUUGGUGGGGUAAACGGCCUACCAAGGCGACGAUCCGUAGCUGGUUUG
silva|AF084850|1|1436|
GUAAGAUUAGCUAGUUGGUGAGGUAAACGGCUCACCAAGGCGACGAUCUUUAAACUGGUCUG
silva|AJ250247|1|1455|
GUUGGAUUAGCUAGUUGGUGAGGUAAAGGGCUCACCAAGGCGACGAUCCAUAAGCUGGUCUG
silva|BX897699|1583137|1584628|
GUUGGAUUAGCUAGUUGGUGAGGUAAACGGCUCACCAAGGCGACGAUCCAUAAGCUGGUCUG
silva|EU071537|1|1509|
GUCAGAUUAGCUAGUUGGUGGGGUAAAGGCCUACCAAGGCGACGAUCUGUAGCGGGUCUG
* * * * * * * * * * * * * * * * * *

silva|AY342037|1|1457|
AGAGGACGAUCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|AJ232231|1|1477|
AGAGGAUGACCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AE003849|172274|173818|
AGAGGAUGAUCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AF442743|1|2165|
AGAGGAUGAUCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AY026912|1|1458|
AGAGGAUGAUCAGCCACACUGGAACUGAGAUACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|BA000021|136582|138132|
AGAGGAUAACCAGCCACACUGGAACUGAGAUACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AY513500|1|1491|
AGAGGAUGAUCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|EF643609|1|1542|
AGAGGAUGACCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AE014299|2973049|2974577|
AGAGGAUGAUCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|U90316|1|1541|
AGAGGAUGACCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AJ235272|177323|178829|
AGAGGAUGAUCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG

silva|U12460|1|1436|
AGAGGAUGAUCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|AL646052|3277704|3279237|
AGAGGACGAUCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|AY574913|1|1531|
AGAGGAUGAUCAGUCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|EU620069|1|1570|
AGAGGAUGAUCAGUCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|X06684|1|1537|
AGAGGAUGAUCAGUCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|D78004|1|1483|
AGAGGAUGACCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|CR378665|83603|85179|
AGAGGAUGAUCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|EU918692|1|1499|
AGAGGAUGAUCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AF310340|1|1471|
AGAGGAUGAUCCGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|AY062899|1|1492|
AGAGGGUGAACGGACACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AE017180|1224149|1225696|
AGAGGAUGAUCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|U07573|1|1470|
AGAGGGUGAUCGGACACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AY613472|1|1538|
AGAGGAUGACCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AB045730|1|1534|
AGAGGAUGACCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AY362360|1|1510|
AGAGGAUGACCGGCCACACUGGGACUGGAACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|EU693450|1|1505|
AGAGGAUGAUCCGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|AE005673|2840172|2841610|
AGAGGAUGAUCAGCCACAUUGGGACUGAGACACGGCCCCAACUCCUACGGGAGGCAGCAG
silva|AANK01000003|466|1969|
AGAGGAUGAUCAGUCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|M27039|1|1547|
AGAGGAUAACCAGCCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AY513527|1|1412|
AGAGGAUGAUCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|AF208508|1|1472|
AGAGGAUGAUCAGCCACAUUGGGACUGAGACACGGCCCCAACUCCUACGGGAGGCAGCAG
silva|BX640417|66117|67648|
AGAGGACGACCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG

silva|BX640428|97283|98814|
AGAGGACGACCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|AF084850|1|1436|
AGAGGAUGAUCAGUCACACUGGAACUGAGACACGGUCCAGACUCCUACGGGAGGCAGCAG
silva|AJ250247|1|1455|
AGAGGAUGAUCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|BX897699|1583137|1584628|
AGAGGAUGAUCAGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG
silva|EU071537|1|1509|
AGAGGAUGAUCCGCCACACUGGGACUGAGACACGGCCCAGACUCCUACGGGAGGCAGCAG

***** * * * ***** * * * * * ***** * * * * *

silva|AY342037|1|1457|
UGGGGAAUAUUGGACAAUGGGGGAAACCCUGAUCCAGCAAUGCCGCGUGUGUGAAGAAGG
silva|AJ232231|1|1477|
UGGGGAAUAUUGCACAAUGGGCGCAAGCCUGAUGCAGCCAUGCCGCGUGUGUGAAGAAGG
silva|AE003849|172274|173818|
UGGGGAAUAUUGGACAAUGGGCGCAAGCCUGAUCCAGCUAUGCCGCGUGGGUGAAGAAUG
silva|AF442743|1|2165|
UGGGGAAUAUUGGACAAUGGGCGCAAGCCUGAUCCAGCCAUGCCGCGUGGGUGAAGAAGG
silva|AY026912|1|1458|
UGGGGAAUAUUGGACAAUGGGCGAAAGCCUGAUCCAGCCAUGCCGCAUGAGUGAAGAAGG
silva|BA000021|136582|138132|
UGGGGAAUAUUGCACAAUGGGGGAAACCCUGAUGCAGCUAUGCCGCGUGUGUGAAGAAGG
silva|AY513500|1|1491|
UGGGGAAUAUUGCACAAUGGGCGCAAGCCUGAUGCAGCCAUGCCGCGUGUAUGAAGAAGG
silva|EF643609|1|1542|
UGGGGAAUAUUGCACAAUGGGCGCAAGCCUGAUGCAGCCAUGCCGCGUGUAUGAAGAAGG
silva|AE014299|2973049|2974577|
UGGGGAAUAUUGCACAAUGGGGGAAACCCUGAUGCAGCCAUGCCGCGUGUGUGAAGAAGG
silva|U90316|1|1541|
UGGGGAAUAUUGCACAAUGGGCGCAAGCGUGAUGCAGCCAUGCCGCGUGUAUGAAGAAGG
silva|AJ235272|177323|178829|
UGGGGAAUAUUGGACAAUGGGCGAAAGCCUGAUCCAGCAAUACCGAGUGAGUGAUGAAGG
silva|U12460|1|1436|
UGGGGAAUAUUGGACAAUGGGCGAAAGCCUGAUCCAGCAAUACCGAGUGAGUGAUGAAGG
silva|AL646052|3277704|3279237|
UGGGGAAUUUUGGACAAUGGGGGCAACCCUGAUCCAGCAAUGCCGCGUGUGUGAAGAAGG
silva|AY574913|1|1531|
UGGGGAAUAUUGGACAAUGGGCGAAAGCCUGAUCCAGCCAUGCCGCGUGUGUGAAGAAGG
silva|EU620069|1|1570| UGGGGAUAUUGGACAAUGGGCG-
AAGCCUGAUCCAGCCAUGCCGCGUGUGUGAAGAAGG
silva|X06684|1|1537|
UGGGGAAUAUUGGACAAUGGGCGCAAGCCUGAUCCAGCCAUGCCGCGUGUGUGAAGAAGG

silva|D78004|1|1483|
UGGGGAAUAUUGCACAAUGGGGCGCAAGCCUGAUGCAGCCAUGCCGCGUGUAUGAAGAAGG
silva|CR378665|83603|85179|
UGGGGAAUAUUGCACAAUGGGGGGAAACCCUGAUGCAGCCAUGCCGCGUGUAUGAAGAAGG
silva|EU918692|1|1499|
UGGGGAAUAUUGCACAAUGGGGGGAAACCCUGAUGCAGCCAUGCCGCGUGUGUGAAGAAGG
silva|AF310340|1|1471|
UGGGGAAUUUUGGACAAUGGGGCGCAAGCCUGAUCCAGCCAUGCCGCGUGUCUGAAGAAGG
silva|AY062899|1|1492|
UAAGGAAUAUUGCUCAAUGGGGGGAAACCCUGAAGCAGCAACGCCGCGUGGAGGAUGAAGG
silva|AE017180|1224149|1225696|
UGGGGAAUUUUGCGCAAUGGGGGGAAACCCUGACGCAGCAACGCCGCGUGGGUGAUGAAGG
silva|U07573|1|1470|
UAGGGAAUAUUGCUCAAUGGGGGGAAACCCUGAAGCAGCAACGCCGCGUGGAGGAUGAAGG
silva|AY613472|1|1538|
UGGGGAAUAUUGCACAAUGGGGGGAAACCCUGACGCAGCCAUGCCGCGUGAAUGAAGAAGG
silva|AB045730|1|1534|
UGGGGAAUAUUGCACAAUGGGGCGCAAGCCUGAUGCAGCCAUGCCGCGUGUAUGAAGAAGG
silva|AY362360|1|1510|
UGGGGAAUAUUGCACAAUGGGGCGAAAGCCUGACGCAGCGACGCCGCGUGAGGGAUGAAGG
silva|EU693450|1|1505|
UGGGGAAUUUUGGACAAUGGGGCGCAAGCCUGAUCCAGCCAUGCCGCGUGUCUGAAGAAGG
silva|AE005673|2840172|2841610|
UGGGGAAUCUUGCGCAAUGGGGCGAAAGCCUGACGCAGCCAUGCCGCGUGAAUGAUGAAGG
silva|AANK01000003|466|1969|
UAGGGAAUAUUGCACAAUGGGGGGAAACCCUGACGCAGCAACGCCGCGUGGAGGAUGACAC
silva|M27039|1|1547|
UGGGGAAUAUUGCACAAUGGGGCGAAAGCCUGAUGCAGCUAUGCCGCGUGUAUGAAGAAGG
silva|AY513527|1|1412|
UGGGGAAUAUUGGACAAUGGGGCGCAAGCCUGAUCCAGCCAUGCCGCGUGAGUGAUGAAGG
silva|AF208508|1|1472|
UGGGGAAUAUUGGACAAUGGGGGGCAACCCUGAUCCAGCCAUGCCGCGUGAGUGAUGAAGG
silva|BX640417|66117|67648|
UGGGGAAUUUUGGACAAUGGGGGCAACCCUGAUCCAGCCAUCCCGCGUGUGCGAUGAAGG
silva|BX640428|97283|98814|
UGGGGAAUUUUGGACAAUGGGGGGCAACCCUGAUCCAGCCAUCCCGCGUGUGCGAUGAAGG
silva|AF084850|1|1436|
UAGGGAAUAUUGCACAAUGGAGGAAACUCUGAUGCAGCGACGCCGCGUGAGUGAUGAAGG
silva|AJ250247|1|1455|
UGGGGAAUAUUGGACAAUGGGGGGCAACCCUGAUCCAGCCAUGCCGCGUGAGUGAUGAAGG
silva|BX897699|1583137|1584628|
UGGGGAAUAUUGGACAAUGGGGGGCAACCCUGAUCCAGCCAUGCCGCGUGAGUGAUGAAGG
silva|EU071537|1|1509|
UGGGGAAUAUUGGACAGUGGGGCGAAAGCCUGAUCCAGCCAUGCCGCGUGUGUGAAGAAGG

* * * * *

silva|AY342037|1|1457| CCUUCGGGUUGUAAAGCACUUUCGGUGGGGAAGAAUUCU-
CAAGGGUAAUAUCCUUGG
silva|AJ232231|1|1477| CCUUCGGGUUGUAAAGCACUUUCAGCGAGGAGGAAGGGGU-
UGAGUUUAAUACGCUCAAU
silva|AE003849|172274|173818|
CCUUCGGGUUGUAAAGCCCUUUUGUUGGGGAAGAAAAGCA-AUUGGUUAAUACCUAGUUG
silva|AF442743|1|2165| CCUUCGGGUUGUAAAGCCCUUUUGUUGGGAAAGAAAAGCA-
GUCGGUAAUACCCGAUUG
silva|AY026912|1|1458| CCUUCGGGUUGUAAAGCUCUUUUAGUGAGGAAGA-----

silva|BA000021|136582|138132|
UCUUCGGAUUGUAAAGCACUUUCAGCAGGGAAGAAAGUAA-AUGUGAUAAUACCAUAAUU
silva|AY513500|1|1491| CCUUCGGGUUGUAAAGUACUUUCAGUAGGGAGGAAGGUGG-
UUAAGUAAUACCUUAAUC
silva|EF643609|1|1542| CCUUCGGGUUGUAAAGUACUUUCAGCGGGGAGGAAGGGAG-
UAAAGUAAUACCUUUGCU
silva|AE014299|2973049|2974577|
CCUUCGGGUUGUAAAGCACUUUCAGUAGGGAGGAAGGGU-AAGUCCUAAUACGGCUUAAU
silva|U90316|1|1541| CCUUCGGGUUGUAAAGUACUUUCAGCGGGGAGGAAGGUGU-
UGUGGUUAAUACCUAGCA
silva|AJ235272|177323|178829| CCUUCGGGUUGUAAAGCUCUUUUAGCAAGGAAGA-----

silva|U12460|1|1436| CCUUCGGGUUGUAAAGCUCUUUUAGCAAGGAAGA-----

silva|AL646052|3277704|3279237|
CCUUCGGGUUGUAAAGCACUUUUUGUCCGGAAGAAAUUCGC-ACUGGUUAAUACCUUGGUGU
silva|AY574913|1|1531| UCUUCGGAUUGUAAAGCACUUUAAGUUGGGAGGAAGGGCA-
GUUACCUAAUACGUGAUUG
silva|EU620069|1|1570| UCUUCGGAUUGUAAAGCACUUUAAGUUGGGAGGAAGGGCA-
GUAAGUAAUACCUUGCUG
silva|X06684|1|1537| UCUUCGGAUUGUAAAGCACUUUAAGUUGGGAGGAAGGGCA-
GUAAGUAAUACCUUGCUG
silva|D78004|1|1483| -CUUCGGGUUGUAAAGUACUUUCAGCGGGGAGGAAGGGUA-
UGGCCUGAAGAGGGCGAUA
silva|CR378665|83603|85179|
CCUUCGGGUUGUAAAGUACUUUCAGUCGUGAGGAAGGGUA-UGUAGUAAUAGCUGCAUG
silva|EU918692|1|1499| CCUUCGGGUAGUAAAGCACUUUCAGCGAGGAGGAAGGUU-
GGCGCCUAAUACGUGUCAA
silva|AF310340|1|1471| CCUUCGGGUUGUAAAGGACUUUUUGUCAGGGAAGAAAAGGC-
UGUUGC UAAUACAGCGGC
silva|AY062899|1|1492| UUUUAGGAUUGUAAACUCCUUUUUGUAGAGAAGA-----

silva|AE017180|1224149|1225696|
 CCUUCGGGUCGUAAAGCCCUGUCGGGAGGGAAGAAAUGAUUGAGAGCUAAUACCUCUUGG
 silva|U07573|1|1470| UUUUAGGAUUGUAAACUCCUUUUGUUAGAGAAGA-----

 silva|AY613472|1|1538| CCUUCGGGUUGUAAAGUUCUUUCGGUAUUGAGGAAGGUUG-
 AUGUGUUAUAGCACAUCA
 silva|AB045730|1|1534| CCUUCGGGUUGUAAAGUACUUUCAGCGGGGAGGAAGGGAU-
 UGUGGUUAAUAACCGCAGU
 silva|AY362360|1|1510|
 UCCUCGGAUCGUAAACCUCUGUCAGGAGGGAAGAACCGCCACGGUGCUAAUCAGCCGUGG
 silva|EU693450|1|1505| CCUUCGGGUUGUAAAGGACUUUUGUUCGGGAGGAAAUCCC-
 GCUGGUUAAUACCUGGCGG
 silva|AE005673|2840172|2841610| UCUUAGGAUUGUAAAAUUCUUUCACCGGGGACGA-----

 silva|AANK01000003|466|1969| UUUUCGGAGCGUAAACUCCUUUUCUUAGGGAAGAA-----

 silva|M27039|1|1547| CCUUAGGGUUGUAAAGUACUUUCAGCGGGGAGGAAAAAAA-
 UAAAACUAAUAAUUUUUAUU
 silva|AY513527|1|1412| CCCUAGGGUUGUAAAGCUCUUUCACCGGUGAAGA-----

 silva|AF208508|1|1472| CCCUAGGGUUGUAAAGCUCUUUUGUGCGGGAAGA-----

 silva|BX640417|66117|67648|
 CCUUCGGGUUGUAAAGCACUUUUGGCAGGAAAGAAACGGC-ACGGGCUAAUAUCCUGUGC
 silva|BX640428|97283|98814|
 CCUUCGGGUUGUAAAGCACUUUUGGCAGGAAAGAAACGGC-ACGGGCUAAUAUCCUGUGC
 silva|AF084850|1|1436| CCUUCGGGUCGUAAAGCUCUGUCGAGGGGAAUAACACA-----

 silva|AJ250247|1|1455| CCCUAGGGUUGUAAAGCUCUUUCACCGGUGAAGA-----

 silva|BX897699|1583137|1584628| CCCUAGGGUUGUAAAGCUCUUUCACCGGUGAAGA-----

 silva|EU071537|1|1509| CCUUUUGGUUGUAAAGCACUUUAAGCGAGGAGGAGGCUAC-
 UUGGAUUAAUACUCUAGGA

* * * * *

silva|AY342037|1|1457| -
 CGUUGACGUUACCCACAGAAGAAGCACUGGCUAACUCUGUGCCAGCAGCCGCGGUAAUA
 silva|AJ232231|1|1477| -
 CAUUGACGUUACUCGCAGAAGAAGCACCGGCUAACUCCGUGCCAGCAGCCGCGGUAAUA
 silva|AE003849|172274|173818| -
 UUAUGACGGUACCCAAAGAAUAAGCACCGGCUAACUUCGUGCCAGCAGCCGCGGUAAUA
 silva|AF442743|1|2165| -
 UUCUGACGGUACCCAAAGAAUAAGCACCGGCUAACUUCGUGCCAGCAGCCGCGGUAAUA

silva|AY026912|1|1458| -
UAAUGACGGUACUCACAGAAGAAGUCCUGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|BA000021|136582|138132| -
AUGUGACGUUACUUGCAGAAGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|AY513500|1|1491| -
AUUUGACGUUACCUACAGAAGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|EF643609|1|1542| -
CAUUGACGUUACCCGCAGAAGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|AE014299|2973049|2974577| -
CUGUGACGUUACCUACAGAAGAAGGACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|U90316|1|1541| -
CAUUGACGUUACCCGCAGAAGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|AJ235272|177323|178829| -
UAAUGACGUUACUUGCAGAAAAAGCCCCGGCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|U12460|1|1436| -
UAAUGACGUUACUUGCAGAAAAAGCCCCGGCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|AL646052|3277704|3279237| -
GGAUGACGGUACCGGAAGAAUAAGGACCGGCCUAACUACGUGCCAGCAGCCGCGGUAAUA
silva|AY574913|1|1531| -
UUUUGACGUUACCGACAGAAUAAGCACCGGCCUAACUCUGUGCCAGCAGCCGCGGUAAUA
silva|EU620069|1|1570| -
UUUUGACGUUACCGACAGAAUAAGCACCGGCCUAACUCUGUGCCAGCAGCCGCGGUAAUA
silva|X06684|1|1537| -U-
UUGACGUUACCAACAGAAUAAGCACCGGCCUAACUUCGUGCCAGCAGCCGCGGUAAUA
silva|D78004|1|1483| -
GCUUGACGUUACCCGCAGAAGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|CR378665|83603|85179| -
CCUUGACGUUAGCGACAGAAGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|EU918692|1|1499| -
CUGUGACGUUACUCGCAGAAGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|AF310340|1|1471| -
UGAUGACGGUACCUGAAGAAUAAGCACCGGCCUAACUACGUGCCAGCAGCCGCGGUAAUA
silva|AY062899|1|1492| -
UAAUGACGGUAUCUAACGAAUAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|AE017180|1224149|1225696| -
UCUUGACGGUACCUCCGAAGGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|U07573|1|1470| -
UUAUGACGGUAUCUAACGAAUAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|AY613472|1|1538| -
AAUUGACGUUAAAUACAGAAGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|AB045730|1|1534| -
CAUUGACGUUACCCGCAGAAGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|AY362360|1|1510| -UC-
UGACGGUACCUCCAAAGGAAGCACCGGCCUAACUCCGUGCCAGCAGCCGCGGUAAUA

silva|EU693450|1|1505| -
GGAUGACAGUACCGGAAGAAUAAGCACCGGCUAACUACGUGCCAGCAGCCGCGGUAAUA
silva|AE005673|2840172|2841610| -
UAAUGACGGUACCCGGAGAAGAAGCCCCGGCUAACUUCGUGCCAGCAGCCGCGGUAAUA
silva|AANK01000003|466|1969| -
UUCUGACGGUACCUAAGGAAUAAGCACCGGCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|M27039|1|1547| -
UCGUGACGUUACCCGCAGAAGAAGCACCGGCUAACUCCGUGCCAGCAGCCGCGGUAAUA
silva|AY513527|1|1412| -
UAAUGACGGUAAACCGGAGAAGAAGCCCCGGCUAACUUCGUGCCAGCAGCCGCGGUAAUA
silva|AF208508|1|1472| -
UAAUGACGGUACCGCAAGAAUAAGCCCCGGCUAACUUCGUGCCAGCAGCCGCGGUAAUA
silva|BX640417|66117|67648| -
AACUGACGGUACCUGCAGAAUAAGCACCGGCUAACUACGUGCCAGCAGCCGCGGUAAUA
silva|BX640428|97283|98814| -
AACUGACGGUACCUGCAGAAUAAGCACCGGCUAACUACGUGCCAGCAGCCGCGGUAAUA
silva|AF084850|1|1436| ---
AUGAAUGUACCCUGUAAGAAAGGAUCGGCUAACUUCGUGCCAGCAGCCGCGGUAAAGA
silva|AJ250247|1|1455| -
UAAUGACGUUAAACCGGAGAAGAAGCCCCGGCUAACUUCGUGCCAGCAGCCGCGGUAAUA
silva|BX897699|1583137|1584628| -
UAAUGACGGUAAACCGGAGAAGAAGCCCCGGCUAACUUCGUGCCAGCAGCCGCGGUAAUA
silva|EU071537|1|1509|
UAGUGGACGUUACUCGCAGAAUAAGCACCGGCUAACUCUGUGCCAGCAGCCGCGGUAAUA
* * * * *

silva|AY342037|1|1457|
CAGAGAGUGCAAGCGUUAUUCGGAUACACUGGGCGUAAAGCGCGCGUAGGUGGAUUAUUUA
silva|AJ232231|1|1477|
CGGAGGGUGCAAGCGUUAUUCGGAUUAUUCUGGGCGUAAAGCGCACGCAGGCGGUUUGUUA
silva|AE003849|172274|173818|
CGAAGGGUGCAAGCGUUAUUCGGAUUAUUCUGGGCGUAAAGGGUGCGUAGGUGGUUAUUUA
silva|AF442743|1|2165|
CGAAGGGUGCAAGCGUUAUUCGGAUUAUUCUGGGCGUAAAGCGUGCGUAGGUGGUUUUA
silva|AY026912|1|1458|
CGGAGAGGGCUAGCGUUAUUCGGAUUAUUCUGGGCGUAAAGGGCGCGUAGGCGGAUUAGUA
silva|BA000021|136582|138132|
CGGAGGGUGCAAGCGUUAUUCGGAUUAUUCUGGGCGUAAAGCGUACGCAGGCGGUUUUAUUA
silva|AY513500|1|1491|
CGGAGGGUGCAAGCGUUAUUCGGAUUAUUCUGGGCGUAAAGCGCAUGCAGGUGGUUUGUUA
silva|EF643609|1|1542|
CGGAGGGUGCAAGCGUUAUUCGGAUUAUUCUGGGCGUAAAGCGCACGCAGGCGGUUUGUUA
silva|AE014299|2973049|2974577|
CGGAGGGUCCGAGCGUUAUUCGGAUUAUUCUGGGCGUAAAGCGUGCGCAGGCGGUUUGUUA

silva|U90316|1|1541|
CGGAGGGUGCAAGCGUUAUUCGGAUUACUGGGCGUAAAGCGCACGCAGGCGGUCUGUCA
silva|AJ235272|177323|178829|
CGGAGGGGGCUAGCGUUGUUCGGAUUACUGGGCGUAAAGAGUGCGUAGGCGGUUUAGUA
silva|U12460|1|1436|
CGGAGGGGGCUAGCGUUGUUCGGAUUACUGGGCGUAAAGAGUGCGUAGGCGGUUUAGUA
silva|AL646052|3277704|3279237|
CGUAGGGUCCAAGCGUUAUUCGGAUUACUGGGCGUAAAGCGUGCGCAGGCGGUUGUGCA
silva|AY574913|1|1531|
CAGAGGGUGCAAGCGUUAUUCGGAUUACUGGGCGUAAAGCGCGCGUAGGUGGUUUUGUUA
silva|EU620069|1|1570| CAGAG-
GUGCAAGCGUUAUUCGGAUUACUGGGCGUAAAGCGCGCGUAGGUGGUUCGUUA
silva|X06684|1|1537|
CGAAGGGUGCAAGCGUUAUUCGGAUUACUGGGCGUAAAGCGCGCGUAAAGUGGUUCAGCA
silva|D78004|1|1483|
CGGAGGGUGCAAGCGUUAUUCGGAUUGACUGGGCGUAAAGCGCACGCAGGCGGUCAAUUA
silva|CR378665|83603|85179|
CGGAGGGUGCGAGCGUUAUUCGGAUUACUGGGCGUAAAGCGCAUGCAGGCGGUCUGUUA
silva|EU918692|1|1499|
CGGAGGGUGCAAGCGUUAUUCGGAUUACUGGGCGUAAAGCGCACGCAGGCGGUUGGAUA
silva|AF310340|1|1471|
CGUAGGGUGCGAGCGUUAUUCGGAUUACUGGGCGUAAAGCGGGCGCAGACGGUUACUUA
silva|AY062899|1|1492|
CGGAGGGUGCAAGCGUUAUUCGGAUACACUGGGCGUAAAGAGCGCGUAGGCGGGAUAGUC
silva|AE017180|1224149|1225696|
CGGAGGGUGCAAGCGUUGUUCGGAUUUAUUGGGCGUAAAGCGCGUGUAGGCGGUCUUUUA
silva|U07573|1|1470|
CGGAGGGUGCAAGCGUUAUUCGGAUACACUGGGCGUAAAGAGUGCGUAGGCGGGGUAUA
silva|AY613472|1|1538|
CGGAGGGUGCGAGCGUUAUUCGGAUAACUGGGCGUAAAGGGCACGCAGGCGGUUAUUUA
silva|AB045730|1|1534|
CGGAGGGUGCAAGCGUUAUUCGGAUUACUGGGCGUAAAGCGCACGCAGGCGGUCUGUCA
silva|AY362360|1|1510|
CGGAGGGUGCGAGCGUUAUUCGGAUACACUGGGCGUAAAGCGCACGUAGGCUGCUUGGUA
silva|EU693450|1|1505|
CGUAGGGUGCAAGCGUUAUUCGGAUUACUGGGCGUAAAGCGUGCGCAGGCGGUUUUGCA
silva|AE005673|2840172|2841610|
CGAAGGGGGCUAGCGUUGCUCGGAUUACUGGGCGUAAAGGGAGCGUAGGCGGACUGUUU
silva|AANK01000003|466|1969|
CGGAGGGUGCAAGCGUUAUUCGGAUACACUGGGCGUAAAGGGCGCGUAGGCGGAUUAUCA
silva|M27039|1|1547|
CGGAGGGUGCAAGCGUUAUUCAGAAUUACUGGGCGUAAAGAGCGCGUAGGUGGUUUUUUA
silva|AY513527|1|1412|
CGAAGGGGGCUAGCGUUGUUCGGAUUUACUGGGCGUAAAGCGCACGUAGGCGGACUUUUA

silva|AF208508|1|1472|
CGAAGGGGGCUAGCGUUGCUCGGAUACACUGGGCGUAAAGGGUGCGUAGGCGGGUCUUUA
silva|BX640417|66117|67648|
CGUAGGGUGCAAGCGUUAUUCGGAUUACUGGGCGUAAAGCGUGCGCAGGCGGUUCGGAA
silva|BX640428|97283|98814|
CGUAGGGUGCAAGCGUUAUUCGGAUUACUGGGCGUAAAGCGUGCGCAGGCGGUUCGGAA
silva|AF084850|1|1436|
CGAGGGAUCCUAGCGUUGUUCGGAUUUUGGGCGUAAAGCGGAUGUAGGUGGCUUUGUA
silva|AJ250247|1|1455|
CGAAGGGGGCUAGCGUUGUUCGGAUUUACUGGGCGUAAAGCGCAUGUAGGCGGAUAUUUA
silva|BX897699|1583137|1584628|
CGAAGGGGGCUAGCGUUGUUCGGAUUUACUGGGCGUAAAGCGCAUGUAGGCGGAUAUUUA
silva|EU071537|1|1509|
CAGAGGGUGCGAGCGUUAUUCGGAUUUACUGGGCGUAAAGCGUGCGUAGGCGGCUUCUUA

* * * * *

silva|AY342037|1|1457| AGUCGGAUGUGAAAGCCCUGGGCUUAACCG-
GGAAUUGCAUCCGAUA-CUGGGUAUCUU
silva|AJ232231|1|1477| AGUCAGAUGUGAAAUCCCCGCGCUUAACGUG-
GGAACUGCAUUUGAAA-CUGGCAAGCUA
silva|AE003849|172274|173818| AGUCUGUUGUGAAAGCCCUGGGCUUAACCG-
GGAAUUGCAGUGGAUA-CUGGAUAGCUA
silva|AF442743|1|2165| AGUCUGUUGUGAAAGCCCUGGGCUCAACCG-
GGAAUUGCAGUGGAUA-CUGGGUCACUA
silva|AY026912|1|1458| AGUUAAAAGUGAAAUCCCAAGGCUCAACCUU-
GGAAUUGCUUUUAAAA-CUGCUAUUCUA
silva|BA000021|136582|138132| AGUCAGAUGUGAAAUCCCUAGGCUCAACCUA-
GGAACUGCAUUUGAAA-CUAAUAAACUA
silva|AY513500|1|1491| AGUCAGAUGUGAAAGCCCUGGGCUCAACCUA-
GGAAUCGCAUUUGAAA-CUGACAAGCUA
silva|EF643609|1|1542| AGUCAGAUGUGAAAUCCCCGGGCUCAACCG-
GGAACUGCAUCUGAUA-CUGGCAAGCUU
silva|AE014299|2973049|2974577| AGCGAGAUGUGAAAGCCCUGGGCUCAACCUA-
GGAAUCGCAUUUCGAA-CUGACCAACUA
silva|U90316|1|1541| AGUCAGGUGUGAAAUCCCCGGGCUCAACCG-
GGAACUGCAUCUGAAA-CUGGCAGGCUU
silva|AJ235272|177323|178829| AGUUGGAAGUGAAAGCCCGGGCUUAACCUC-
GGAAUUGCUUUCAAAA-CUACUAAUCUA
silva|U12460|1|1436| AGUUGGAAGUGAAAGCCCGGGCUUAACCUC-
GGAAUUGCUUUCAAAA-CUACUAAUCUA
silva|AL646052|3277704|3279237| AGACCGAUGUGAAAUCCCCGGGCUUAACCG-
GGAAUUGCAUUGGUGA-CUGCACGGCUA
silva|AY574913|1|1531| AGUUGAAUGUGAAAUCCCCGGGCUCAACCG-
GGAACUGCAUCCAAAA-CUGGCAAGCUA

silva|EU620069|1|1570| AGUUGGAUGUGAAAGCCCCGGGCUCAACCG-
GGAACUGCAUCCAAAA-CUGGCGAGCUA
silva|X06684|1|1537| AGCUUGAUGUGAAAUCCCCGGGCUCAACCG-
GGAACUGCAUCCAAAAGCUACUGAGCUA
silva|D78004|1|1483| AGUUGGAUGUGAAAUCCCCGGGCUUAACCG-
GGAACGGCAUCCAAGA-CUGGUUGGCUA
silva|CR378665|83603|85179| AGCAAGAUGUGAAAGCCCCGGGCUCAACCUC-
GGAACCGCAUUUUGAA-CUGGCAGACUA
silva|EU918692|1|1499| AGUUAGAUGUGAAAGCCCCGGGCUCAACCG-
GGAAUUGCAUUUAAAA-CUGUCCAGCUA
silva|AF310340|1|1471| AGCAGGAUGUGAAAUCCCCGGGCUCAACCCG-
GGAACUGCGUUCUGAA-CUGGGUGACUC
silva|AY062899|1|1492| AGUCAGGUGUGAAAUCCUAUGGCUUAACCAU-
AGAACUGCAUUUGAAA-CUACUAUUCUA
silva|AE017180|1224149|1225696| AGUCUGAUGUGAAAGCCCCGGGCUCAACCG-
GGAAGUGCAUUGGAAA-CUGGGAGACUU
silva|U07573|1|1470| AGUCAGAUGUGAAAUCCUGUAGCUUAACUAC-
AGAACUGCAUUUGAAA-CUGUUACUCUG
silva|AY613472|1|1538| AGUGAGGUGUGAAAGCCCUGGGCUUAACCUA-
GGAAUUGCAUUUCAGA-CUGGGUAACUA
silva|AB045730|1|1534| AGUCGGAUGUGAAAUCCCCGGGCUCAACCG-
GGAACUGCAUUCGAAA-CUGGCAGGCUU
silva|AY362360|1|1510| AGUCAGGGGUGAAAGCCCGCGGCUCAACCGC-
GGAAUUGCCUUUGAUA-CUGCCGAGCUA
silva|EU693450|1|1505|
AGUCUGAUGUGAAAGCCCCGGGCUCAACCGGGGAACGGCAUUGGAGA-CUGCAAGACUA
silva|AE005673|2840172|2841610| AGUCAGAGGUGAAAGCCCAGGGCUCAACCUU-
GGAAUUGCCUUUGAUA-CUGGCAGUCUU
silva|AANK01000003|466|1969| AGUCUCUUGUGAAAUCUAAUGGCUUAACCAU-
UAAACUGCUUGGGAAA-CUGAUAGUCUA
silva|M27039|1|1547| AGUCAGGUGUGAAAUCCCUAGGCUCAACCUA-
GGAACUGCAUUUGAAA-CUGGAAAACUA
silva|AY513527|1|1412| AGUCAGGGGUGAAAUCCCGGGGCUCAACCCC-
GGAACUGCCUUUGAUA-CUGGAAGUCUU
silva|AF208508|1|1472| AGUCAGGGGUGAAAUCCUGGAGCUCAACUCC-
AGAACUGCCUUUGAUA-CUGAAGAUCUU
silva|BX640417|66117|67648| AGAAAGAUGUGAAAUCCCAGGGCUUAACCUU-
GGAACUGCAUUUUUAAA-CUACCGGGCUA
silva|BX640428|97283|98814| AGAAAGAUGUGAAAUCCCAGGGCUUAACCUU-
GGAACUGCAUUUUUAAA-CUACCGGGCUA
silva|AF084850|1|1436| AGUCAGAUGUGAAAGCCCAGGGCUCAACCCU-
GGAAGUGCAUUUGAUA-CUGCGAAGCUU
silva|AJ250247|1|1455| AGUCAGAGGUGAAAUCCCAGGGCUCAACCCU-
GGAACUGCCUUUGAUA-CUGGAUGUCUC

silva|BX897699|1583137|1584628| AGUCAGAGGUGAAAUCCCAGGGCUCAACCCU-
GGAACUGCCUUUGAUA-CUGGGUAUCUU
silva|EU071537|1|1509| AGUCGGACGUGAAAUCCCUGAGCUUAACUUA-
GGAAUUGCAUUCGAUA-CUGGGAAGCUA

** ***** * **** ** ** * * * **

silva|AY342037|1|1457| GAGUAUGGUAGAGGG-
AAGUGGAAUUUCCGGUGUAGCGGUGAAAUGCGUAGAUUAUCGGAA
silva|AJ232231|1|1477| GAGUCUUGUAGAGGG-
GGGUAGAAUUCAGGUGUAGCGGUGAAAUGCGUAGAGAUCUGGA
silva|AE003849|172274|173818| GAGUGUGGUAGAGGG-
UAGCGGAAUUCUGGUGUAGCAGUGAAAUGCGUAGAGAUCAGGA
silva|AF442743|1|2165| GAGUGUGGUAGAGGG-
UAGCGGAAUUCGGUGUAGCAGUGAAAUGCGUAGAGAUCGGGA
silva|AY026912|1|1458| GAGAUUGAAAGAGGA-
UAGAGGAAUUCUAGUGUAGAGGUGAAAUUCGUAAAUAUUAGGA
silva|BA000021|136582|138132| GAGUAUCGUAGAGGG-
AGGUAGAAUUCAGGUGUAGCGGUGAAAUGCGUAGAUUAUCUGGA
silva|AY513500|1|1491| GAGUACUGUAGAGGG-
GGGUAGAAUUCAGGUGUAGCGGUGAAAUGCGUAGAGAUCUGAA
silva|EF643609|1|1542| GAGUCUCGUAGAGGG-
GGGUAGAAUUCAGGUGUAGCGGUGAAAUGCGUAGAGAUCUGGA
silva|AE014299|2973049|2974577| GAGUCUUGUAGAGGG-
GGGUAGAAUUCAGGUGUAGCGGUGAAAUGCGUAGAGAUCUGGA
silva|U90316|1|1541| GAGUCUUGUAGAGGG-
GGGUAGAAUUCAGGUGUAGCGGUGAAAUGCGUAGAGAUCUGGA
silva|AJ235272|177323|178829| GAGUGUAGUAGGGGA-
UGAUGGAAUUCUAGUGUAGAGGUGAAAUUCUAGAUUAUUAGGA
silva|U12460|1|1436| GAGUGUAGUAGGGGA-
UGAUGGAAUUCUAGUGUAGAGGUGAAAUUCUAGAUUAUUAGGA
silva|AL646052|3277704|3279237| GAGUGUGUCAGAGGG-
AGGUAGAAUUCACGUGUAGCAGUGAAAUGCGUAGAGAUGUGGA
silva|AY574913|1|1531| GAGUAUGGUAGAGGG-
UGGUGGAAUUCUGUGUAGCGGUGAAAUGCGUAGAUUAUAGGAA
silva|EU620069|1|1570| GAGUACGGUAGAG-G-
GGGUGGAAUUCUGUGUAGCGGUGAAAUGCGUAGAUUAUAGGAA
silva|X06684|1|1537| GAGUACGGUAGAG-G-
UGGUAGAAUUCUGUGUAGCGGUGAAAUGCGUAGAUUAUAGGAA
silva|D78004|1|1483| GAGUCUCGUAGAGGG-
GGGUAGAAUUCUAGUGUAGCGGUGAAAUGCGUAGAGAUGUGGA
silva|CR378665|83603|85179| GAGUCUUGUAGAGGG-
GGGUAGAAUUCAGGUGUAGCGGUGAAAUGCGUAGAGAUCUGAA
silva|EU918692|1|1499| GAGUCUUGUAGAGGG-
GGGUAGAAUUCAGGUGUAGCGGUGAAAUGCGUAGAGAUCUGGA

silva|AF310340|1|1471| GAGUGUGUCAGAGGG-
AGGUAGAAUCCACGUGUAGCAGUGAAAUGCGUAGAGAUGUGGA
silva|AY062899|1|1492| GAGUGUGGGAGAGGU-
AGGUGGAAUUCUUGGUGUAGGGGUAAAAUCCGUAGAGAUCAAGA
silva|AE017180|1224149|1225696| GAGUACGGGAGAGGA-
GAGUGGAAUCCUAGUGUAGGAGUGAAAUCCGUAGAUUUAGGA
silva|U07573|1|1470| GAGUGUGGGAGAGGU-
AGGUGGAAUUCUUGGUGUAGGGGUAAAAUCCGUAGAGAUCAAGA
silva|AY613472|1|1538| GAGUACUUUAGGGAG-
GGGUAGAAUCCACGUGUAGCGGUGAAAUGCGUAGAGAUGUGGA
silva|AB045730|1|1534| GAGUCUCGUAGAGGG-
GGGGGAAUCCAGGUGUAGCGGUGAAAUGCGUAGAGAUUCUGGA
silva|AY362360|1|1510| GAGUCCGGGAGAGGG-
UAGUGGAAUCCAGGUGUAGGAGUGAAAUCCGUAGAGAUUCUGGA
silva|EU693450|1|1505|
GAGUGCGUCAGAGGGGGGGUAGAAUCCGCGUGUAGCAGUGAAAUGCGUAGAGAUGCGGA
silva|AE005673|2840172|2841610| GAGUACGGAAGAGGU-
AUGUGGAACUCCGAGUGUAGAGGUGAAAUUCGUAGAUUUUCGGA
silva|AANK01000003|466|1969| GAGUGAGGGAGAGGC-
AGAUGGAAUUGGUGGUGUAGGGGUAAAAUCCGUAGAUUACCA
silva|M27039|1|1547| GAGUUUCGUAGAGGG-
AGGUAGAAUUCUAGGUGUAGCGGUGAAAUGCGUAGAUUUCUGGA
silva|AY513527|1|1412| GAGUAUGGUAGAGGU-
GAGUGGAAUCCGAGUGUAGAGGUGAAAUUCGUAGAUUUUCGGA
silva|AF208508|1|1472| GAGUUCGGGAGAGGU-
GAGUGGAACUGCGAGUGUAGAGGUGAAAUUCGUAGAUUUUCGCA
silva|BX640417|66117|67648| GAGUGUGUCAGAGGG-
AGGUGGAAUCCGCGUGUAGCAGUGAAAUGCGUAGAUUUGCGGA
silva|BX640428|97283|98814| GAGUGUGUCAGAGGG-
AGGUGGAAUCCGCGUGUAGCAGUGAAAUGCGUAGAUUUGCGGA
silva|AF084850|1|1436| GAGUGUCGGAGAGGU-
UACUAGAAUUGUUGGUGUAGUGGUGAAAUACGUAGAUUCAACA
silva|AJ250247|1|1455| GAGUGUGGAAGAGGU-
GAGUGGAAUCCGAGUGUAGAGGUAAAAUUCGUAGAUUUUCGGA
silva|BX897699|1583137|1584628| GAGUGUGGAAGAGGU-
GAGUGGAAUCCGAGUGUAGAGGUAAAAUUCGUAGAUUUUCGGA
silva|EU071537|1|1509| GAGUAUGGGAGAGGA-
UGGUAGAAUCCAGGUGUAGCGGUGANAUGCGUAGAGAUUCUGGA

*** ** * *** * ***** * * * * * * * * *

silva|AY342037|1|1457|
AGAACACCAGUGGCGAAGGCGACUCCUGGACCAUACUGACACUGAG-GCGCGAAAGCG
silva|AJ232231|1|1477|
GGAAUACCGGUGGCGAAGGCGGCCCCUGGACAAAGACUGACGCUCAG-GUGCGAAAGCG

silva|AE003849|172274|173818|
GGAACAUCCGUGGCGAAGGCGGCUACCUGGGCCAACACUGACACUGAG-GCACGAAAGCG
silva|AF442743|1|2165|
GGAACAUCCGUGGCGAAGGCGGCUACCUGGACCAACACUGACACUGAG-GCACGAAAGCG
silva|AY026912|1|1458|
GGAACACCAGUGGCGAAGGCGUCUAUCUGGUUCAAUCUGACGCUGAG-GCGCGAAGGCG
silva|BA000021|136582|138132|
GGAAUACCAGCGGCGAAGGCGGCCUCCUGGGCGAAAACUGACGCUCAU-GUACGAAAGCG
silva|AY513500|1|1491|
GGAAUACCGUGGCGAAGGCGGCCCCUGGACAGAUACUGACACUCAG-AUGCGAAAGCG
silva|EF643609|1|1542|
GGAAUACCGUGGCGAAGGCGGCCCCUGGACGAAGACUGACGCUCAG-GUGCGAAAGCG
silva|AE014299|2973049|2974577|
GGAAUACCGUGGCGAAGGCGGCCCCUGGACAAAGACUGACGCUCAU-GCACGAAAGCG
silva|U90316|1|1541|
GGAAUACCGUGGCGAAGGCGGCCCCUGGACGAAGACUGACGCUCAG-GUGCGAAAGCG
silva|AJ235272|177323|178829|
GGAACACCGUGGCGAAGGCGGUCAUCUGGGCUACAACUGACGCUGAU-GCACGAAAGCG
silva|U12460|1|1436|
GGAACACCGUGGCGAAGGCGGUCAUCUGGGCUACAACUGACGCUGAU-GCACGAAAGCG
silva|AL646052|3277704|3279237|
GGAAUACCGAUUGGCGAAGGCAGCCUCCUGGGAUAACACUGACGCUCAU-GCACGAAAGCG
silva|AY574913|1|1531|
GGAACACCAGUGGCGAAGGCGACCACCUGGACUGAUACUGACACUGAG-GUGCGAAAGCG
silva|EU620069|1|1570|
GGAACACCAGUGGCGAAGGCGACCACCUGGACUGAUACUGACACUGAG-GUGCGAAAGCG
silva|X06684|1|1537| GGAACACCAGUGGCGAAGGCGACCACCUGGACUG-
UACUGACACUGAG-GUGCGAAAGCG
silva|D78004|1|1483|
GGAAUACCGUGGCGAAGGCGGCCCCUGGACGAAGACUGACGCUCAG-GUGCGAAAGCG
silva|CR378665|83603|85179|
GGAAUACCGUGGCGAAGGCGGCCCCUGGACAAAGACUGACGCUCAG-AUGCGAAAGCG
silva|EU918692|1|1499|
GGAAUACCGUGGCGAAGGCGGCCCCUGGACAAAGACUGGCGCUCAG-GUGCGAAAGCG
silva|AF310340|1|1471|
GGAAUACCGAUUGGCGAAGGCAGCCUCCUGGGACAACACUGACGUUCAU-GCCCCGAAAGCG
silva|AY062899|1|1492|
GGAAUACUCAUUGCGAAGGCGACCUGCUGGAACAUAUCUGACGCUGAUUGCGCGAAAGC-
silva|AE017180|1224149|1225696|
GGAACACCGUGGCGAAGGCGGCUCUCUGGACCGAUACUGACGCUGAG-ACGCGAAAGCG
silva|U07573|1|1470|
GGAAUACUCAUUGCGAAGGCGACCUGCUGGAACAUAUCUGACGCUGAUGCACGAAAGCG-
silva|AY613472|1|1538|
GGAAUACCGAAGGCGAAGGCGAGCCCCUUGGGAAUGUACUGACGCUCAU-GUGCGAAAGCG

silva|AB045730|1|1534|
GGAAUACCGGUGGCGAAGGCGGCCCCUGGACGAAGACUGACGCUCAG-GUGCGAAAGCG
silva|AY362360|1|1510|
GGAACAUAGUGGCGAAGGCGACUACCUGGACCGGUACUGACGCUGAG-GUGCGAAAGCG
silva|EU693450|1|1505|
GGAAUACCGAUUGGCGAAGGCGAGCCCCUGGGAUGACACUGACGCUCAU-GCACGAAAGCG
silva|AE005673|2840172|2841610|
AGAACACCAGUGGCGAAGGCGACAUACUGGUCCGUUACUGACGCUGAG-GCUCGAAAGCG
silva|AANK01000003|466|1969|
AGAAUACCCAUUGCGAAGGCGAUCUGCUGGAACUCAACUGACGCUAAG-GCGCGAAAGCG
silva|M27039|1|1547|
GGAAUACCCGUGGCGAAAGCGGCCUCCUAAACGAAAACUGACACUGAG-GCGCGAAAGCG
silva|AY513527|1|1412|
GGAACACCAGUGGCGAAGGCGGCUCACUGGACCAUACUGACGCUGAG-GUGCGAAAGCG
silva|AF208508|1|1472|
AGAACACCAGUGGCGAAGGCGGCUCACUGGCCCGAUACUGACGCUGAG-GCACGAAAGCG
silva|BX640417|66117|67648|
GGAACACCGAUUGGCGAAGGCGAGCCUCCUGGGAUAACACUGACGCUCAU-GCACGAAAGUG
silva|BX640428|97283|98814|
GGAACACCGAUUGGCGAAGGCGAGCCUCCUGGGAUAACACUGACGCUCAU-GCACGAAAGCG
silva|AF084850|1|1436|
GGAAUACCGGAGGCGAAGGCGGGUAACUGGCCGAACACUGACACUGAG-AUCCGAAAGCG
silva|AJ250247|1|1455|
GGAACACCAGUGGCGAAGGCGGCUCACUGGUCCAUAACUGACGCUGAG-GUGCGAAAGCG
silva|BX897699|1583137|1584628|
GGAACACCAGUGGCGAAGGCGGCUCACUGGUCCAUAACUGACGCUGAG-GUGCGAAAGCG
silva|EU071537|1|1509|
GGAAUACCGAUUGGCGAAGGCGAGCCAUCUGGCCUAAUACUGACGCUGAG-GUACGAAAGCA

*** * ***** * * * * *

silva|AY342037|1|1457|
UGGGGAGCAAACAGGAUUAGAGACCCUGGUAGUCCACGCCGUCAACGAUGAGAACUAGCU
silva|AJ232231|1|1477|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCUGUAAACGAUGUCGACUUGGA
silva|AE003849|172274|173818|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCCUAAACGAUGCGAACUGGAU
silva|AF442743|1|2165|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCCUAAACGAUGCGAACUGGAU
silva|AY026912|1|1458|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCUGUAAACGAUGAAUGUUAAAU
silva|BA000021|136582|138132|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCAUGCCGUAAACGAUGUCGAUUUGAA
silva|AY513500|1|1491|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAAACGAUGUCUACUUGGA

silva|EF643609|1|1542|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGUCGACUUGGA
silva|AE014299|2973049|2974577|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGUCUACUCGGA
silva|U90316|1|1541|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGUCUACUUGGA
silva|AJ235272|177323|178829|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGAGUGCUAGAU
silva|U12460|1|1436|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGAGUGCUAGAU
silva|AL646052|3277704|3279237|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCCUAACGAUGUCAACUAGUU
silva|AY574913|1|1531|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGUCAACUAGCC
silva|EU620069|1|1570| UGGGAGCAAACAGGAUUAGAUAC-
CUGGUAGUCCACGCCGUAACGAUGUCAACUAGCC
silva|X06684|1|1537|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGUCGACUAGCC
silva|D78004|1|1483|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCUGUAAACGAUGUCGAUUUGGA
silva|CR378665|83603|85179|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGUCUACUUGAA
silva|EU918692|1|1499|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGUCGAUUUGGA
silva|AF310340|1|1471|
UGGGUAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCCUAACGAUGUCAAUUAGCU
silva|AY062899|1|1492|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCCUAACGAUGGAUGCUAGUU
silva|AE017180|1224149|1225696|
UGGGUAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGAGUACUAGGU
silva|U07573|1|1470|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCCUAACGAUGGAUGCUAGUU
silva|AY613472|1|1538|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCUGUAAACGCUGUCGAUUUGGG
silva|AB045730|1|1534|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGUCUACUUGGA
silva|AY362360|1|1510|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGGAUGCUAGGU
silva|EU693450|1|1505|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCCUAACGAUGUCAAUUAGCU
silva|AE005673|2840172|2841610|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAACGAUGAGUGCUAGUU
silva|AANK01000003|466|1969|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCCUAACGAUGUACACUAGUU

silva|M27039|1|1547|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCAUGCCGUAAACGAUGUCGACUUGGA
silva|AY513527|1|1412|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAAACGAUGAAUGUUAGCC
silva|AF208508|1|1472|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAAACGAUGAAUGCCAGCC
silva|BX640417|66117|67648|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCCUAAACGAUGUCAACUAGCU
silva|BX640428|97283|98814|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCCUAAACGAUGUCAACUAGCU
silva|AF084850|1|1436|
UGGGGAUCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAAACGAUGGAUACUUGUU
silva|AJ250247|1|1455|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAAACGAUGAAUGUUAGCC
silva|BX897699|1583137|1584628|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCACGCCGUAAACGAUGAAUGUUAGCC
silva|EU071537|1|1509|
UGGGGAGCAAACAGGAUUAGAUACCCUGGUAGUCCAUGCCGUAAACGAUGUCUACUAGCC

**** * **** * * **** * * **** * * **** * *

silva|AY342037|1|1457| GUUGGGAA-G-UUCACU-
UCUUAAGUAGCGAAGCUAACGCGUUAAGUUCUCCGCCUGGGGA
silva|AJ232231|1|1477| GGUUGUGCCC-UUGAGG-
CGUGGCUUCCGAGCUAACGCGUUAAGUCGACCGCCUGGGGA
silva|AE003849|172274|173818| GUUGAGUGCAAUUGGC-
ACUCAGUAUCGAAGCUAACGCGUUAAGUUCGCGCCUGGGGA
silva|AF442743|1|2165| GUUGGGUGCAAUUGGC-
ACGCAGUAUCGAAGCUAACGCGUUAAGUUCGCGCCUGGGGA
silva|AY026912|1|1458| AUGGGAAGUU--UA--CUU-
UCUGUAUUACAGCUAACGCGUUAACAUCGCGCCUGGGGA
silva|BA000021|136582|138132| GGUUGCGAG--UUUACU-
CGGGGUUUUCGAAGCUAACGCGUUAUAUCGACCGCCUGGGGA
silva|AY513500|1|1491| GGUUGUGCCC-UAGAGG-
YGUGGCUUCCGAGCUAACGCGUUAAGUAGACCGCCUGGGGA
silva|EF643609|1|1542| GGUUGUGCCC-UUGAGG-
CGUGGCUUCCGAGCUAACGCGUUAAGUCGACCGCCUGGGGA
silva|AE014299|2973049|2974577| GUUUGGUGUC-UUGAAC-
ACUGGGCUCUCAAGCUAACGCAUUAAGUAGACCGCCUGGGGA
silva|U90316|1|1541| GGUUGUGCCC-UUGAGG-
CGUGGCUUCCGAGCUAACGCGUUAAGUAGACCGCCUGGGGA
silva|AJ235272|177323|178829| AUCGGAGGAU-UCU--CUU-
UCGGUUUCGAGCUAACGCAUUAAGCACUCCGCCUGGGGA
silva|U12460|1|1436| AUCGGAAGAU-UCU--CUU-
UCGGUUUCGAGCUAACGCAUUAAGCACUCCGCCUGGGGA

silva|AL646052|3277704|3279237| GUUGGGG-AU-UCAUUU-
CCUUAGUAAACGUAGCUAACGCGUGAAGUUGACCGCCUGGGGA
silva|AY574913|1|1531| GUUGGGAGCC-UUGAGC-
UCUUAGUGGCGCAGCUAACGCAUUAAGUUGACCGCCUGGGGA
silva|EU620069|1|1570| GUUGGAAUCC-UUGAGA-
UUUUAGUGGCGCAGCUAACGCAUUAAGUUGACCGCCUGGGGA
silva|X06684|1|1537| GUUGGGAUCC-UUGAGA-
UCUUAGUGGCGCACGUAACGCGAUAAAGUCGACCGCCUGGGGA
silva|D78004|1|1483| GGUUGUCCCC-UGGAGG-
AGUGGCUUCCGGAGCUAACGCGUUAAGUUGACCGCCUGGGGA
silva|CR378665|83603|85179| GGUUGUGGCC-UUGAGC-
CGUGGCUUCCGGAGCUAACGCGUUAAGUAGACCGCCUGGGGA
silva|EU918692|1|1499| GGCUGUGUCC-UUGAGA-
CGUGGCUUCCGGAGCUAACGCGUUAAGUUGACCGCCUGGGGA
silva|AF310340|1|1471| GUUGGGCAAC-UUGAUU-
GCUUAGUAGCGUAGCUAACGCGUGAAAUUGACCGCCUGGGGA
silva|AY062899|1|1492| GUUGGAGGGC-
UUAGUCUCUCCAGUAAUGCAGCUAACGCAUUAAGCAUCCCGCCUGGGGA
silva|AE017180|1224149|1225696| GUUGCGGG-
UAUUGACCCUUGCAGUGCCGUAGCUAACGCAUUAAGUACUCCGCCUGGGAA
silva|U07573|1|1470| GUUGCCUUGC-UU-
GUCAGGGCAGUAAUGCAGCUAACGCAUUAAGCAUCCCGCCUGGGGA
silva|AY613472|1|1538| GAUUGGGC-U-UAGA-G-
CUUGGUGCCCGUAGCUAACGUGAUAAAUCGACCGCCUGGGGA
silva|AB045730|1|1534| GGUUGUGCCC-CUGAGG-
CGUGGCUUCCGGAGCUAACGCGUUAAGUAGACCGCCUGGGGA
silva|AY362360|1|1510| GUCGGGG--CCUUGAG--
CUUCGGUGCCGUAGUUAACGCGUUAAGCAUCCCGCCUGGGGA
silva|EU693450|1|1505| GUUGGGG-GU-UUGAAU-
CCUUGGUAGCGUAGCUAACGCGUGAAAUUGACCGCCUGGGGA
silva|AE005673|2840172|2841610| GUCGGCAUGC-AUG--
CAUGUCGGUGACGCAGCUAACGCAUUAAGCACUCCGCCUGGGGA
silva|AANK01000003|466|1969| GUUGGGAUGC--
UAGUCAUCUCAGUAAUGCAGCUAACGCAUUAAGUGUACCGCCUGGGGA
silva|M27039|1|1547| GGUUGUUUCC-AAGAGA-
AGUGACUUCCGAAGCUAACGCAUUAAGUCGACCGCCUGGGGA
silva|AY513527|1|1412| GUCGGGGUGU-UUA--
CACUUCGGUGGCGCAGCUAACGCAUUAACAUUCCGCCUGGGGA
silva|AF208508|1|1472| GUUAGUGGGU-UUA--
CUCACUAGUGGCGCAGCUAACGCUUUAAGCAUUCCGCCUGGGGA
silva|BX640417|66117|67648| GUUGGGG-CC-UUCGGG-
CCUUGGUAGCGCAGCUAACGCGUGAAGUUGACCGCCUGGGGA
silva|BX640428|97283|98814| GUUGGGG-CC-UUCGGG-
CCUUGGUAGCGCAGCUAACGCGUGAAGUUGACCGCCUGGGGA

silva|AF084850|1|1436| GUUGGAGG-
UAUUGACCCCUUCAGUGACGAAGCUAACGCGUUAAGUAUCCCGCCUGGGGA
silva|AJ250247|1|1455| GUCGGGUGGU-UUA--
CUACUCGGUGGCGCAGCUAACGCGUUAACAUAUCCGCCUGGGGA
silva|BX897699|1583137|1584628| GUCGGGCGGU-UUA--
CUGCUCGGUGGCGCAGCUAACGCGUUAACAUAUCCGCCUGGGGA
silva|EU071537|1|1509| GUUGGGGCCU-UUGAGG-
CUUUAGUGGCGCAGCUAACGCGUAAGUAGACCGCCUGGGGA

* * * * *

silva|AY342037|1|1457|
GUACGGCCGCAAGGUUAAAACUCAAAGAAAUUGACGGGGGCCCGCACAAGCGGUGGAGCA
silva|AJ232231|1|1477|
GUACGGCCGCAAGGUUAAAACUCAAAGAAAUUGACGGGGGCCCGCACAAGCGGUGGAGCA
silva|AE003849|172274|173818|
GUACGGUCGCAAGACUGAAACUCAAAGGAAUUGACGGGGGCCCGCACAAGCGGUGGAGUA
silva|AF442743|1|2165|
GUACGGUCGCAAGACUGAAACUCAAAGGAAUUGACGGGGGCCCGCACAAGCGGUGGAGUA
silva|AY026912|1|1458|
CUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGACCCGCACAAGCGGUGGAGCA
silva|BA000021|136582|138132|
GUACAAUCGCAAGGUUAAAACUCAAAGGAAUUGACGGGGGCCCGCACAAGCGGUGGAGCA
silva|AY513500|1|1491|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGGCCCGCACAAGCGGUGGAGCA
silva|EF643609|1|1542|
GUACGGCCGCAAGGUUAAAACUCAAAGGAAUUGACGGGGGCCCGCACAAGCGGUGGAGCA
silva|AE014299|2973049|2974577|
GUACGGCCGCAAGGUUAAAACUCAAAGGAAUUGACGGGGGCCCGCACAAGCGGUGGAGCA
silva|U90316|1|1541|
GUACGGCCGCAAGGUUAAAACUCAAAGGAAUUGACGGGGGCCCGCACAAGCGGUGGAGCA
silva|AJ235272|177323|178829|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGGCUCGCACAAGCGGUGGAGCA
silva|U12460|1|1436|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGGCUCGCACAAGCGGUGGAGCA
silva|AL646052|3277704|3279237|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGACCCGCACAAGCGGUGGAUGA
silva|AY574913|1|1531|
GUACGGCCGCAAGGUUAAAACUCAAAGGAAUUGACGGGGGCCCGCACAAGCGGUGGAGCA
silva|EU620069|1|1570| GUACGGCCGCAAGGUUAAAACUCAAAGGAAUUGACGG-
GGCCCGCACAAGCGGUGGAGCA
silva|X06684|1|1537|
GUACGGCCGCAAGGUUAAAACUCAAAGGAAUUGACGGGGGCCCGCACAAGCGGUGGAGCA
silva|D78004|1|1483|
GUACGGUCGCAAGGUUAAAACUCAAAGGAAUUGACGGGGGCCCGCACAAGCGGUGGAGCA

silva|CR378665|83603|85179|
GUACGGUCGCAAGAUUAAAACUCAAUGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|EU918692|1|1499|
GUACGGCCGCAAGGUUAAAACUCAAUGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|AF310340|1|1471|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGACCCGCACAAGCGGUGGAUGA
silva|AY062899|1|1492|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUAGACGGGGACCCGCACAAGC-GUGGAGCA
silva|AE017180|1224149|1225696|
GUACGGUCGCAAGACUAAAACUCAAAGGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|U07573|1|1470|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUAGACGGGGACCCGCACAAGCGGUGGAGCA
silva|AY613472|1|1538|
GUACGGCCGCAAGGUUAAAACUCAAUGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|AB045730|1|1534|
GUACGGCCGCAAGGUUAAAACUCAAUGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|AY362360|1|1510|
GUACGGUCGCAAGGCUGAAACUCAAAGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGUA
silva|EU693450|1|1505|
GUACGGCCGCAAGGUUAAAACUCAAAGGAAUUGACGGGGACCCGCACAAGCGGUGGAUGA
silva|AE005673|2840172|2841610|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|AANK01000003|466|1969|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUAGACGGGGACCCGCACAAGCGGUGGAGCA
silva|M27039|1|1547| GUACGGCCGCAAGGCUAAAACUCAAUGAAUUGACGGGGG-
CCGCACAAGCGGUGGAGCA
silva|AY513527|1|1412|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|AF208508|1|1472|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|BX640417|66117|67648|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGACCCGCACAAGCGGUGGAUGA
silva|BX640428|97283|98814|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGACCCGCACAAGCGGUGGAUGA
silva|AF084850|1|1436|
GUACGGUCGCAAGAUUAAAACUCAAAGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|AJ250247|1|1455|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|BX897699|1583137|1584628|
GUACGGUCGCAAGAUUAAAACUCAAAGGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA
silva|EU071537|1|1509|
GUACGGUCGCAAGACUAAAACUCAAUGAAUUGACGGGGGCCCCGCACAAGCGGUGGAGCA

*** ***** * ***** * ***** * ***** ***** *

silva|AY342037|1|1457| UGUG-
GUUUAAUUCGAUGCAACGCGAAAAACCUUACCUACCCUUGACAUCCUCGGAAC--
silva|AJ232231|1|1477| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUACUCUUGACAUCCACAGAAU--
silva|AE003849|172274|173818| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUUGGUCUUGACAUCUGCGGAAC--
silva|AF442743|1|2165| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUUGGUCUUGACAUCCACGGAAC--
silva|AY026912|1|1458| UGUG-
GUUUAAUUCGAUGCAACGCGAAAAACCUUACCACUCCUUGACAUGGAAAUUAUAC
silva|BA000021|136582|138132| UGUG-
GUUUAAUUCGAUGCAACGCGAAAAACCUUACCUACUCUUGACAUUUAAAGAAU--
silva|AY513500|1|1491| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUACUCUUGACAUCCAGAGAAU--
silva|EF643609|1|1542| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUUGGUCUUGACAUCCACGGAAG--
silva|AE014299|2973049|2974577| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUACUCUUGACAUCCACGGAAG--
silva|U90316|1|1541| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUUGGUCUUGACAUCCACGGAAG--
silva|AJ235272|177323|178829| UGCG-
GUUUAAUUCGAUGUUACGCGAAAAACCUUACCAACCCUUGACAUGGUGGUUACGG
silva|U12460|1|1436| UGCG-
GUUUAAUUCGAUGUUACGCGAAAAACCUUACCAACCCUUGACAUGGUGGUCGCGG
silva|AL646052|3277704|3279237| UGUG-
GAUUAAUUCGAUGCAACGCGAAAAACCUUACCUACCCUUGACAUGCCACUAAC--
silva|AY574913|1|1531| UGUG-
GUUUAAUUCGAAGCAACGCGAAGAACCUUACCAGGCCUUGACAUCCAAUGAAC--
silva|EU620069|1|1570| UGUG-
GUUUAAUUCGAAGCAACGCGAAGAACCUUACCAGGCCUUGACAUGCAGAGAAC--
silva|X06684|1|1537| UGUG-
GUUUAAUUCGAAGCAACGCGAAGAACCUUACCUGGCCUUGACAUGCUGAGAAC--
silva|D78004|1|1483| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUACUCUU-ACAUCCAGAGAAAG--
silva|CR378665|83603|85179| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUACUCUUGACAUCCAGAGAAAG--
silva|EU918692|1|1499| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUGGCCUUGACAUGUCUGGAAU--
silva|AF310340|1|1471| UGUG-
GAUUAAUUCGAUGCAACGCGAAGAACCUUACCUGGUCUUGACAUGUACGGAAU--
silva|AY062899|1|1492| UGUG-
GUUUAAUUCGAUUCUACACGAAGAACCUUACCUAGGCUUGACAUUGAGAGAAUCC
silva|AE017180|1224149|1225696| UGUG-
GUUUAAUUCGACGCAACGCGCAGAACCUUACCUGGGCUUGACAUCCACGGAAC--

silva|U07573|1|1470| UGUG-
GUUUAAUUCGAAGAUACGCGAAGAACCUUACCUAGGCUUGACAUUGAUAGAAUCU
silva|AY613472|1|1538| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUACUCUUGACAUCCUAAGAAG--
silva|AB045730|1|1534| UGUG-
GUUUAAUUCGAUGCAACGCGAAGACCCUUACCUUGGUCUUGACAUCCAGAGAAC--
silva|AY362360|1|1510| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUAGGUUUGACAUCCGGAAAAC--
silva|EU693450|1|1505|
UGUGGGAUUAUUCGAUGCAACGCGAAAAACCUUACCUUGCUCUUGACAUGUACGGAAC--
silva|AE005673|2840172|2841610| UGUG-
GUUUAAUUCGAAGCAACGCGCAGAACCUUACCACCUUUUGACAUGCCUGGACC--
silva|AANK01000003|466|1969| UGUG-
GUUUAAUUCGAAGAUACGCGAAGAACCUUACCUGGGCUUGAUAUCCUAAGAACCU
silva|M27039|1|1547| UGUG-
GUUUAAUUCGAUGCAACGCGAAAAACCUUACCUUGGUCUUGACAUCCACAGAAU--
silva|AY513527|1|1412| UGUG-
GUUUAAUUCGAAGCAACGCGCAGAACCUUACCAGCCCUUGACAUCCCGGUCGCG-
silva|AF208508|1|1472| UGUG-
GUUUAAUUCGACGCAACGCGCAGAACCUUACCAGCCCUUGACAUGUCCAGGACC-
silva|BX640417|66117|67648| UGUG-
GAUUAUUCGAUGCAACGCGAAAAACCUUACCUACCCUUGACAUGUCUGGAAU--
silva|BX640428|97283|98814| UGUG-
GAUUAUUCGAUGCAACGCGAAAAACCUUACCUACCCUUGACAUGUCUGGAAU--
silva|AF084850|1|1436| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUAGGCUUGACAUGUACUGGAAG-
silva|AJ250247|1|1455| UGUG-
GUUUAAUUCGAAGCAACGCGCAGAACCUUUCAGCCCUUGACAUCCCGAUCGCG-
silva|BX897699|1583137|1584628| UGUG-
GUUUAAUUCGAAGCAACGCGCAGAACCUUACCAGCCCUUGACAUCCCGAUCGCG-
silva|EU071537|1|1509| UGUG-
GUUUAAUUCGAUGCAACGCGAAGAACCUUACCUUGGUCUUGACAUAGUAAGAAC--

*** **

silva|AY342037|1|1457| ---UUGUCAGAGAUGAUUU-GGU---GCCU--
UCGGAACCGAGUGACAGGUGCUGCAUG
silva|AJ232231|1|1477| ---UUGGCAGAGAUGC UAA-AGU---GCCU--
UCGGAACUGUGAGACAGGUGCUGCAUG
silva|AE003849|172274|173818| ---UUUCCAGAGAUGGAUU-GGU---GCCU--
UCGGGAGCCGUGAGACAGGUGCUGCAUG
silva|AF442743|1|2165| ---UUUCCAGAGAUGGAUU-GGU---GCCU--
UCGGAACCGUGAGACAGGUGCUGCAUG
silva|AY026912|1|1458| CUAUUCGAAGGGA----UA----
GGGUCGGUUCGGCCGGGUUUCACACAGGUGUUGCAUG

silva|BA000021|136582|138132| ---UUAGCAGAGAUGCUUU-AGU---GCCU--
UCGGGAGCUUUAAAACAGGUGCUGCAUG
silva|AY513500|1|1491| ---CUAGCGGAGACGCUGG-AGU---GCCU--
UCGGGAGCUCUGAGACAGGUGCUGCAUG
silva|EF643609|1|1542| ---UUUUCAGAGAUGAGAA-UGU---GCCU--
UCGGGAACCGUGAGACAGGUGCUGCAUG
silva|AE014299|2973049|2974577| ---ACUGCAGAGAUGCGGU-UGU---GCCU--
UCGGGAACCGUGAGACAGGUGCUGCAUG
silva|U90316|1|1541| ---UUUUCAGAGAUGAGAA-UGU---GCCU--
UCGGGAACCGUGAGACAGGUGCUGCAUG
silva|AJ235272|177323|178829| --AUU-GCAGAGAUGCUUU----
CCUUCAGUUCGGCUGGGCCACACACAGGUGUUGCAUG
silva|U12460|1|1436| --AUC-GCAGAGAUGCUUU----
UCUUCAGCUCGGCUGGACCACACACAGGUGUUGCAUG
silva|AL646052|3277704|3279237| ---GAAGCAGAGAUGCAUUAGGU---
GCUCGAAAGAGAAAGUGGACACAGGUGCUGCAUG
silva|AY574913|1|1531| ---UUUCCAGAGAUGGAUU-GGU---GCCU--
UCGGGAACAUUGAGACAGGUGCUGCAUG
silva|EU620069|1|1570| ---UUUCCAGAGAUGGAUU-GGU---GCCU--
UCGGGAACUCUGACACAGGUGCU-CAUG
silva|X06684|1|1537| ---UUUCCAGAGAUGGAUU-GGU---GCCU--
UCGGGAACAGAGACACAGGUGCUGCAUG
silva|D78004|1|1483| ---ACCUCAGAGAUGGGGU-UGU---GCUU---C-
GGGAGUCUGAGACAGGUGCUGCAUG
silva|CR378665|83603|85179| ---UUACCAGAGAUGGUUU-CGU---GCCU--
UCGGGAACUGUGAGACAGGUGCUGCAUG
silva|EU918692|1|1499| ---CCUGUAGAGAUACGGG-AGU---GCCU--
UCGGGAUUCAGAACACAGGUGCUGCAUG
silva|AF310340|1|1471| ---CCUCUGGAGACGGAG-GAGU---GCCU--
UCGGGAGCCGUAACACAGGUGCUGCAUG
silva|AY062899|1|1492| -----GCUAGAAAUAGUGG-
AGUGUCUGGCUUGCCAGACCUUGAAAACAGGUGCUGCACG
silva|AE017180|1224149|1225696| ---CCUCCGAAACGGAGG-GGU---
GCCCUCGGGGAGCCGUGAGACAGGUGCUGCAUG
silva|U07573|1|1470| -----ACUAGAGAUAGUGG-AGUGCC---
CUUCGGGGAGCUUGAAAACAGGUGCUGCACG
silva|AY613472|1|1538| ---AGCUCAGAGAUGAGCU-UGU---GCCU--
UCGGGAACUUAGAGACAGGUGCUGCAUG
silva|AB045730|1|1534| ---UUUCCAGAGAUGGAUU-GGU---GCCU--
UCGGGAACUCUGAGACAGGUGCUGCAUG
silva|AY362360|1|1510| ---CUUCCCGAAAAGGAAG-GGU---
GCCCUCGGGGAAUUCGAGACAGGUGCUGCAUG
silva|EU693450|1|1505| ---UUGCCAGAGAUGGCU-UGGU---
GCCCAGAAAGGGAGCCGUAACACAGGUGCUGCAUG

silva|AE005673|2840172|2841610| ---GCCACAGAGAUGUG-G----UUUUCCCUUCGG-
GGACUGGGACACAGGUGCUGCAUG
silva|AANK01000003|466|1969| -----UAUAGAGAUUAUGAG-GGU-
GCUAGCUUGCUAGAACUUAGAGACAGGUGCUGCACG
silva|M27039|1|1547| ---UCUUUAGAAAUAAGA-AGU---GCCU--
UCGGGAGCUGUGAGACAGGUGCUGCAUG
silva|AY513527|1|1412| --GUUAGUGGAGACACUAU----
CCUUCAGUUAGGCUGGACCGGAGACAGGUGCUGCAUG
silva|AF208508|1|1472| --GGUCGCAGAGAUGU-GA----CCUUCUCUUCGG-
AGCCUGGAACACAGGUGCUGCAUG
silva|BX640417|66117|67648| ---CCCGAAGAGAUUUGG-GAGU---
GCUCGCAAGAGAACCGGAACACAGGUGCUGCAUG
silva|BX640428|97283|98814| ---CCCGAAGAGAUUUGG-GAGU---
GCUCGCAAGAGAACCGGAACACAGGUGCUGCAUG
silva|AF084850|1|1436| --ACUGGCAGAAAUGUCGU---C---GCCC--
GCAAGGGUCGGUACACAGGUGCUGCAUG
silva|AJ250247|1|1455| --GAAGGUGGAGACACCUC----
CCUUCAGUUAGGCUGGAUCGGUGACAGGUGCUGCAUG
silva|BX897699|1583137|1584628| --GAAGGUGGAGACACCCU----
CCUUCAGUUAGGCUGGAUCGGAGACAGGUGCUGCAUG
silva|EU071537|1|1509| ---UUUCCAGAGAUUGGAUU-GGU---GCCU--
UCGGGAACUUACAUACAGGUGCUGCAUG

* *

***** * * * *

silva|AY342037|1|1457|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGUAACGAGCGCAACCCUCG
silva|AJ232231|1|1477|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA
silva|AE003849|172274|173818|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG
silva|AF442743|1|2165|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG
silva|AY026912|1|1458|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUCA
silva|BA000021|136582|138132|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCCUA
silva|AY513500|1|1491|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA
silva|EF643609|1|1542|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA
silva|AE014299|2973049|2974577|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCCUA
silva|U90316|1|1541|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA

silva|AJ235272|177323|178829|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA
silva|U12460|1|1436|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUCA
silva|AL646052|3277704|3279237|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG
silva|AY574913|1|1531|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGUAACGAGCGCAACCCUUG
silva|EU620069|1|1570|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGUAACGAGCGCAACCCUUG
silva|X06684|1|1537|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGUAACGAGCGCAACCCUUG
silva|D78004|1|1483|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA
silva|CR378665|83603|85179|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA
silva|EU918692|1|1499|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUG
silva|AF310340|1|1471|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG
silva|AY062899|1|1492|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCCUU
silva|AE017180|1224149|1225696|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA
silva|U07573|1|1470|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUCG
silva|AY613472|1|1538|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA
silva|AB045730|1|1534|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA
silva|AY362360|1|1510|
GCUGUCGUCAGCUCGUGCCGUGAGGUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCCUA
silva|EU693450|1|1505|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG
silva|AE005673|2840172|2841610|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUCG
silva|AANK01000003|466|1969|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCACG
silva|M27039|1|1547|
GCUGUCGUCAGCUCGUGUUGUGAAAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUA
silva|AY513527|1|1412|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUCG
silva|AF208508|1|1472|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCCGG

silva|BX640417|66117|67648|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG
silva|BX640428|97283|98814|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG
silva|AF084850|1|1436|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG
silva|AJ250247|1|1455|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG
silva|BX897699|1583137|1584628|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG
silva|EU071537|1|1509|
GCUGUCGUCAGCUCGUGUCGUGAGAUGUUGGGUUAAGUCCCGCAACGAGCGCAACCCUUG

silva|AY342037|1|1457|
UCCUUAGUUGCCAGCGAGUCAAGUCGGGAACUCUAAGGAGACUGCCGGUGAUAAACCG-G
silva|AJ232231|1|1477|
UCCUUUGUUGCCAGCACGUAAUGGUGGGGAACUCAAGGGAGACUGCCGGUGACAAACCG-G
silva|AE003849|172274|173818|
UCCUUAGUUGCCAGCACGUAAUGGUGGGGAACUUUAAGGAGACUGCCGGUGACAAAUCG-G
silva|AF442743|1|2165|
UCCUUAGUUGCCAGCACGUAAUGGUGGGGAACUCUAAGGAGACCGCCGGUGACAAACCG-G
silva|AY026912|1|1458|
UCCUUAGUUACCAUCAGGUAAUGCUGGGGACUUUAAGGAAACUGCUAGUGAUAAACUG-G
silva|BA000021|136582|138132| UCCUUUUUUGCCAGCGAAA-
AAGUCGGGAACUCAAGGAGACUGCCGGUGAUAAACCG-G
silva|AY513500|1|1491|
UCCUUUGUUUGCCAGCACGUAAUGGUGGGGAACUCCAGGGAGACUGCCGGUGAUAAACCG-G
silva|EF643609|1|1542| UCCUUUGUUGCCAGCG-
GUCCGGCCGGGAACUCAAGGAGACUGCCAGUGAUAAACUG-G
silva|AE014299|2973049|2974577|
UCCUUAAUUUGCCAGCACGUAAUGGUGGGGAACUCUAGGGAGACUGCCGGUGAUAAACCG-G
silva|U90316|1|1541| UCCUUUGUUGCCAGCG-
GUCCGGCCGGGAACUCAAGGAGACUGCCAGUGAUAAACUG-G
silva|AJ235272|177323|178829|
UUCUUAAUUUGCCAGUGGGUAAUGCCGGGAACUAUAAGAAAACUGCCGGUGAUAAAGCCG-G
silva|U12460|1|1436|
UUCUUAAUUUGCCAGCGGGUAAUGCCGGGAACUAUAAGAAAACUGCCGGUGAUAAAGCCG-G
silva|AL646052|3277704|3279237| UCUCUAGUUGCUACGA-----
AAGGGCACUCUAGAGAGACUGCCGGUGACAAACCG-G
silva|AY574913|1|1531|
UCCUUAGUUACCAGCACGUUAUGGUGGGGCACUCUAAGGAGACUGCCGGUGACAAACCG-G
silva|EU620069|1|1570|
UCCUUAGUUACCAGCACGUUAUGGUGGGGCACUCUAAGGAGACUGCCGGUGACAAACCG-G

silva|X06684|1|1537| UCCUUAGUUACCAGCACCUC-
GGGUGGGCACUCUAAGGAGACUGCCGGUGACAAACCG-G
silva|D78004|1|1483|
UCCUUUGUUUGCCAGCACGUGAUGGUGGGAACUCAAGGAGACUGCCGGUGAUAAACCG-G
silva|CR378665|83603|85179|
UCCUUGUUUUGCCAGCACGUGAUGGUGGGAACUCCAGGGAGACUGCCGGUGAUAAACCG-G
silva|EU918692|1|1499|
UCCUUUGUUUGCCAGCACGUAAUGGUGGGAACUCAAGGGAGACUGCCGGUGAUAAACCG-G
silva|AF310340|1|1471| UCAUUAGUUGCCAUCA--
UUCAGUUGGGCACUCUAAUGAGACUGCCGGUGACAAGCCG-G
silva|AY062899|1|1492|
UUCUUAGUUGCUAACAGGUUAUGCUGAGAACUCUAAGGAUACUGCCUCCG-UAAGGAG-G
silva|AE017180|1224149|1225696| UCAUCAGUUGCCAUCAU--
UAAGUUGGGCACUCUGAUGAAACUGCCGGUGUCAAAACCG-G
silva|U07573|1|1470| UCCUUAGUUGCUAGCAG-
UUCGGCUGAGCACUCUAAGGAGACUGCCUUCG-UAAGGAG-G
silva|AY613472|1|1538| UCCUUUGUUGCCAGCGACU-
UGGUCGGGAACUCAAGGAGACUGCCAGUGAUAAACUG-G
silva|AB045730|1|1534| UCCUUUGUUGCCAGCG-
GUCCGGCCGGGAACUCAAGGAGACUGCCAGUGAUAAACUG-G
silva|AY362360|1|1510|
UUGCCAGUUGCUACCAGGUAAUGCUGGGCACUCUGGUGAGACUGCCCCGGUUAACGGG-G
silva|EU693450|1|1505| UCAUUAGUUGCCAUCA--
UUAAGUUGGGCACUCUAAUGAGACUGCCGGUGACAAACCG-G
silva|AE005673|2840172|2841610|
UGAUUAGUUGCCAUCAGGUUUGGCUGGGCACUCUAAUCAUACUGCCGGAGUUAUCCG-G
silva|AANK01000003|466|1969| UAUUUAGUUGCUAACG-
GUUCGGCCGAGCACUCUAAAUGAGACUGCCUUCG-UAAGGAG-G
silva|M27039|1|1547| UCCCCUGUUGCCAGCG-
GUUCGGCCGGGAACUCAGAGGAGACUGCCGGUUAUAAACCG-G
silva|AY513527|1|1412| CCCUUAGUUGCCAGCA--
UUCAGUUGGGCACUCUAAGGGGACUGCCGGUGAUAAAGCCGAG
silva|AF208508|1|1472| UCCUUAGUUGCUACCA--
UUUAGUUGAGCACUCUAAGGAGACUGCCGGUGAUAAAGCCGCG
silva|BX640417|66117|67648| UCAUUAGUUGCUACGA-----
AAGGGCACUCUAAUGAGACUGCCGGUGACAAACCG-G
silva|BX640428|97283|98814| UCAUUAGUUGCUACGA-----
AAGGGCACUCUAAUGAGACUGCCGGUGACAAACCG-G
silva|AF084850|1|1436| CAUUUAGUUGCCAGCA--
UUCAGUUGGGCACUCUAGAUGGACUGCCGGUGUUAACCG-G
silva|AJ250247|1|1455| CCCUUAGUUGCCAUCA--
UUAAGUUGGGCACUCUAGGGGGACUGCCGGUGAUAAAGCCGAG
silva|BX897699|1583137|1584628| CCCUUAGUUGCCAGCA--
UUUGGUUGGGCACUCUAGGGGGACUGCCGGUGAUAAAGCCGAG

silva|EU071537|1|1509|
UCCUUAUUUGCCAGCGGGUUAAGCCGGAACUUAAGGAUACUGCCAGUGACAAACUG-G
* * * * * * * * * * * * * * * *

silva|AY342037|1|1457|
AGGAAGGUGGGGAUGAUGUCAAGUCAUCAUGGCCCCUACGGGUAGGGCUACACACGUGCU
silva|AJ232231|1|1477|
AGGAAGGUGGGGAUGACGUCAAGUCAUCAUGGCCCCUACGAGUAGGGCUACACACGUGCU
silva|AE003849|172274|173818|
AGGAAGGUGGGGAUGACGUCAAGUCAUCAUGGCCCCUACGACCAGGGCUACACACGUACU
silva|AF442743|1|2165|
AGGAAGGUGGGGAUGACGUCAAGUCAUCAUGGCCCCUACGACCAGGGCUACACACGUACU
silva|AY026912|1|1458|
AGGAAGGUGGGGAUGAUGUCAAGUCAUCAUGGCCCCUUAUGGAGUGGGCUACACACGUGCU
silva|BA000021|136582|138132|
AGGAAGGUGGGGAUGACGUCAAGUCAUCAUGGCCCCUACGAGUAGGGCUACACACGUGCU
silva|AY513500|1|1491|
AGGAAGGUGGGGACGACGUCAAGUCAUCAUGGCCCCUACGAGUAGGGCUACACACGUGCU
silva|EF643609|1|1542|
AGGAAGGUGGGGACGACGUCAAGUCAUCAUGGCCCCUACGACCAGGGCUACACACGUGCU
silva|AE014299|2973049|2974577|
AGGAAGGUGGGGACGACGUCAAGUCAUCAUGGCCCCUACGAGUAGGGCUACACACGUGCU
silva|U90316|1|1541|
AGGAAGGUGGGGAUGACGUCAAGUCAUCAUGGCCCCUACGACCAGGGCUACACACGUGCU
silva|AJ235272|177323|178829|
AGGAAGGUGGGGACGACGUCAAGUCAUCAUGGCCCCUACGGGUUGGGCUACACGCGUGCU
silva|U12460|1|1436|
AGGAAGGUGGGGACGACGUCAAGUCAUCAUGGCCCCUACGGGUUGGGCUACACGCGUGCU
silva|AL646052|3277704|3279237|
AGGAAGGUGGGGAUGACGUCAAGUCCUCAUGGCCCCUUAUGGGUAGGGCUUCACACGUCAU
silva|AY574913|1|1531|
AGGAAGGUGGGGAUGACGUCAAGUCAUCAUGGCCCCUACGGCCUGGGCUACACACGUGCU
silva|EU620069|1|1570| AGGA-
GGUGGGGAUGACGUCAAGUCAUCAUGGCCCCUACGGCCUGGGCUACACACGUGCU
silva|X06684|1|1537|
AGGAAGGUGGGGAUGACGUCAAGUCAUCAUGGCCCCUACGGCCAGGGCUACACACGUGCU
silva|D78004|1|1483|
AGGAAGGUGGGGAUGACGUCAAGUCAUCAUGGCCCCUACGAGUAGGGCUACACACGUGCU
silva|CR378665|83603|85179|
AGGAAGGUGGGGACGACGUCAAGUCAUCAUGGCCCCUACGAGUAGGGCUACACACGUGCU
silva|EU918692|1|1499|
AGGAAGGUGGGGAUGACGUCAAGUCAUCAUGGCCCCUACGGCCAGGGCUACACACGUGCU
silva|AF310340|1|1471|
AGGAAGGUGGGGAUGACGUCAAGUCCUCAUGGCCCCUUAUGACCAGGGCUUCACACGUCAU

silva|AF442743|1|2165|
ACAAUGGUAGGGACAGAGGGCUGCAAACCCGCGAGGGCAAGCCAAUCCCAGAAACCCUAU
silva|AY026912|1|1458|
ACAAUGGUGGCUACAAUGGGCUGCAAAGUCGCGAGGCCUAAGCUAAUCCCUUAAAAGCCAU
silva|BA000021|136582|138132|
ACAAUGGCGUAUACAAAGGGCAGCAAACUUGCGAAAGUAAGCUAAUCUCAUAAAGUACGU
silva|AY513500|1|1491|
ACAAUGGCGUAUACAGAGGGCAGCGAUACCGCGAGGUGGAGCGAAUCUCACAAAGUACGU
silva|EF643609|1|1542|
ACAAUGGCGCAUACAAAGAGAAGCGACCUCGCGAGAGCAAGCGGACCUCAUAAAGUGCGU
silva|AE014299|2973049|2974577|
ACAAUGGCGAGUACAGAGGGUUGCAAAGCCGCGAGGUGGAGCUAAUCUCACAAAGCUCGU
silva|U90316|1|1541|
ACAAUGGCGCAUACAAAGAGAAGCGACCUCGCGAGAGCAAGCGGACCUCAUAAAGUGAGU
silva|AJ235272|177323|178829|
ACAAUGGUGUUUACAGAGGGAAGCAAUACGGUGACGUGGAGCAAUCCC-UAAAAGACAU
silva|U12460|1|1436|
ACAAUGGUGUUUACAGAGGGAAGCAAGACGGCGACGUGGAGCAAUCCC-UAAAAGACAU
silva|AL646052|3277704|3279237|
ACAAUGGUGCAUACAGAGGGUUGCCAAGCCGCGAGGUGGAGCUAAUCCCAGAAAUGCAU
silva|AY574913|1|1531|
ACAAUGGUCGGUACAGAGGGUUGCCAAGCCGCGAGGUGGAGCUAAUCUCACAAAACCGAU
silva|EU620069|1|1570|
ACAAUGGUCGGUACAGAGGGUUGCCAAGCCGCGAGGUGGAGCUAAUCUCACAAAACCGAU
silva|X06684|1|1537|
ACAAUGGUCGGUACAAAGGGUUGCCAAGCCGCGAGUGGGAGCUAAUCCCAUAAAACCGAU
silva|D78004|1|1483|
ACAAUGGCNGAUACAAAGUGAAGCGACCUCGCGAGAGCAAGCGGAACACAUAAAGUCUGU
silva|CR378665|83603|85179|
ACAAUGGCGUAUACAGAGGGCUGCCAACCAGCGAUGGUGAGCGAAUCCCACAAAGUACGU
silva|EU918692|1|1499|
ACAAUGGCGCGUACAGAGGGCUGCAAAGCUAGCGAUAGUGAGCGUAUCCCCAAAAGCGCGU
silva|AF310340|1|1471|
ACAAUGGUCGGUACAGAGGGUAGCCAAGCCGCGAGGCGGAGCCAAUCUCACAAAACCGAU
silva|AY062899|1|1492|
ACAAUGGGGUGCACAAGAGAAGCAAUACUGCGAAGUGGAGCCAAUCUU-CAAAACACCU
silva|AE017180|1224149|1225696|
ACAAUGGCCGGUACAAAGAGUCGCAAUGCCGCGAGGUGGAGCCAAUCUCAAAAAGCCGGU
silva|U07573|1|1470|
ACAAUGGGGCGCACAAAGAGGAGCAAUAUCGCGAGGUGGAGCAAUCUC-AAAAACGUCU
silva|AY613472|1|1538|
ACAAUGGCGUAUACAGAGGGAAGCGAAGCUGCGAGGUGGAGCGAAUCUCAUAAAGUACGU
silva|AB045730|1|1534|
ACAAUGGCAUAUACAAAGAGAAGCGACCUCGCGAGAGCAAGCGGACCUCAUAAAGUAUGU

silva|AY362360|1|1510|
ACAAUGGCGCAUACAAAGGGCAGCGAUACCGCGAGGUGGAGCCAAUCCCAAAAAGUGCGU
silva|EU693450|1|1505|
ACAAUGGUCGGUACAGAGGGGUCGCUAAGCCGCGAGGUGGUGCCAAUCUCAUAAAACCGAU
silva|AE005673|2840172|2841610|
ACAAUGGCGACUACAGAGGGGUCGAAUCCCGCGAGGGGGAGCCAAUCCC-UAAAAGUGCGU
silva|AANK01000003|466|1969|
ACAAUGGCAUAUACAAUGAGACGCAAUACCGCGAGGUGGAGCAAUCUA-UAAAAUAUGU
silva|M27039|1|1547|
ACAAUGGUUUUAUACAAAGAGAAGCAAUUCUGCAAAGACAAGCAAACCUCAUAAAGUAAA
silva|AY513527|1|1412|
ACAAUGGUGGUGACAGUGGGCAGCGAGCACGCGAGUGUGAGCUAAUCUC-CAAAAGCCAU
silva|AF208508|1|1472|
ACAAUGGCGGUGACAAUGGGAUGCUAAGGGGCGACCCUUCGCAAUUCUC-AAAAAGCCGU
silva|BX640417|66117|67648|
ACAAUGGUCGGGACAGAGGGUUGCCAACCCGCGAGGGGGAGCCAAUCCCAGAAACCCGGU
silva|BX640428|97283|98814|
ACAAUGGUCGGGACAGAGGGUCGCCAACCCGCGAGGGGGAGCCAAUCCCAGAAACCCGAU
silva|AF084850|1|1436|
ACAAUGGUAGUCACAGAGCGAAGCUAAGCCGCGAGGUAGAGCAAUUCGCUUAAAAGCUAU
silva|AJ250247|1|1455|
ACAAUGGUGGUGACAGUGGGCAGCGAGACCGCGAGGUCGAGCUAAUCUC-CAAAAGCCAU
silva|BX897699|1583137|1584628|
ACAAUGGUGGUGACAGUGGGCAGCGAGACCGCGAGGUCGAGCUAAUCUC-CAAAAGCCAU
silva|EU071537|1|1509|
ACAAUGGUCGGUACAAAGGGUUGCUACCUAGCGAUAGGAUGCUAAUCUAAAAAGCCGAU
***** *** * * * * * * ** * * *** *

silva|AY342037|1|1457|
CGUAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUUGGAAUCGCUAGUAAUCGCG
silva|AJ232231|1|1477|
CGUAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUCGGAUUCGCUAGUAAUCGUA
silva|AE003849|172274|173818|
CUCAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUUGGAAUCGCUAGUAAUCGCA
silva|AF442743|1|2165|
CUCAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUCGGAUUCGCUAGUAAUCGCA
silva|AY026912|1|1458|
CUCAGUUCGAAUUGCACUCUGCAACUCGAGUGCAUGAAGUUGGAAUCGCUAGUAAUCGUG
silva|BA000021|136582|138132|
CUUAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUCGGAUUCGCUAGUAAUCGCG
silva|AY513500|1|1491|
CGUAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUCGGAUUCGCUAGUAAUCGCA
silva|EF643609|1|1542|
CGUAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUCGGAUUCGCUAGUAAUCGUG

silva|AE014299|2973049|2974577|
CGUAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUCGGAAUCGCUAGUAAUCGUG
silva|U90316|1|1541|
CGUAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUCGGAAUCGCUAGUAAUCGUG
silva|AJ235272|177323|178829|
CUCAGUUCGGAUUGUUCUCUGCAACUCGAGAGCAUGAAGUUGGAAUCGCUAGUAAUCGCG
silva|U12460|1|1436|
CUCAGUUCGGAUUGUUCUCUGCAACUCGAGAGCAUGAAGUUGGAAUCGCUAGUAAUCGCG
silva|AL646052|3277704|3279237|
CGUAGUCCGGAUCGUAGUCUGCAACUCGACUACGUGAAGCUGGAAUCGCUAGUAAUCGCG
silva|AY574913|1|1531|
CGUAGUCCGGAUCGCAGUCUGCAACUCGACUGCGUGAAGUCGGAAUCGCUAGUAAUCGCG
silva|EU620069|1|1570|CGUAGUCCGGAU-
GCAGUCUGCAACUCGACUGCGUGAAGUCGGAAUCGCUAGUAAUCGCG
silva|X06684|1|1537|
CGUAGUCCGGAUCGCAGUCUGCAACUCGACUGCGUGAAGUCGGAAUCGCUAGUAAUCGUG
silva|D78004|1|1483|
CGUAGUCCGGAUUGGAGUCUGCAACUCGGCUCCAUGAAGUCGGAAUCGCUAGUAAUCGUA
silva|CR378665|83603|85179|
CGUAGUCCGGAUCGGAGUCUGCAACUCGACUCCGUGAAGUCGGAAUCGCUAGUAAUCGUG
silva|EU918692|1|1499|
CGUAGUCCGGAUCGGAGUCUGCAACUCGACUCCGUGAAGUCGGAAUCGCUAGUAAUCGCG
silva|AF310340|1|1471|
CGUAGUCCGGAUUGCACUCUGCAACUCGAGUGCAUGAAGUCGGAAUCGCUAGUAAUCGCA
silva|AY062899|1|1492|
CUCAGUUCGGAUUGUAGGUCUGCAACUCGCCUGCAUGAAGCUGGAAUCGCUAGUAAUCGCA
silva|AE017180|1224149|1225696|
CUCAGUUCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUCGGAAUCGCUAGUAAUCGCG
silva|U07573|1|1470|
CUCAGUUCGGAUUGUAGUCUGCAACUCGACUACAUGAAGCUGGAAUCGCUAGUAAUCGUG
silva|AY613472|1|1538|
CUAAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUCGGAAUCGCUAGUAAUCGCG
silva|AB045730|1|1534|
CGUAGUCCGGAUUGGAGUCUGCAACUCGACUCCAUGAAGUCGGAAUCGCUAGUAAUCGUG
silva|AY362360|1|1510|
CCCAGUCCGGAUUGCAGUCUGCAACUCGACUGCAUGAAGUUGGAAUCGCUAGUAAUUCGA
silva|EU693450|1|1505|
CGUAGUCCGGAUCGCACUCUGCAACUCGAGUGCGUGAAGUCGGAAUCGCUAGUAAUCGCA
silva|AE005673|2840172|2841610|
CUCAGUUCGGAUUGUUCUCUGCAACUCGAGAGCAUGAAGUUGGAAUCGCUAGUAAUCGCG
silva|AANK01000003|466|1969|
CCCAGUUCGGAUUGUUCUCUGCAACUCGAGAGCAUGAAGCCGGAUCGCUAGUAAUCGUA
silva|M27039|1|1547|
CGUAGUCCGGACUGGAGUCUGCAACUCGACUCCACGAAGUCGGAAUCGCUAGUAAUCGUG

* ** * *

silva|AL646052|3277704|3279237| GAUCAG-CAU-

silva|AY574913|1|1531| AAUCAG-AAU-
GUCGCGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|EU620069|1|1570| AAUCAG-AAU-
GUCGCGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|X06684|1|1537| AAUCAG-AAU-
GUCACGGUGAAUACGUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|D78004|1|1483| GAUCAG-AAU-
GCUACGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|CR378665|83603|85179| AAUCAG-AAU-
GUCACGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|EU918692|1|1499| AAUCAG-AAU-
GUCGCGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|AF310340|1|1471| GGUCAG-CAU-
ACUGCGGUGAAUACGUUCCCCGGGUCUUGUACACACCGCCCGUCACACCA
silva|AY062899|1|1492| AAUCAGCCAU-
GUUGCGGUGAAUACGUUCCCCGGGUCUUGUACUCACCGCCCGUCACACCA
silva|AE017180|1224149|1225696| GAUCAG-CAU-
GCCGCGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|U07573|1|1470| AAUCAGCCAU-
GUCACGGUGAAUACGUUCCCCGGGUCUUGUACUCACCGCCCGUCACACCA
silva|AY613472|1|1538| AAUCAG-AAU-
GUCGCGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|AB045730|1|1534| GAUCAG-AAU-
GCCACGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|AY362360|1|1510| GAUCAG-CAU-
GCUCGGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|EU693450|1|1505| GAUCAG-CAU-
GCUGCGGUGAAUACGUUCCCCGGGUCUUGUACACACCGCCCGUCACACCA
silva|AE005673|2840172|2841610| GAUCAG-CAU-
GCCGCGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|AANK01000003|466|1969| GAUCAGCCAU-
GCUACGGUGAAUACGUUCCCCGGGUCUUGUACUCACCGCCCGUCACACCA
silva|M27039|1|1547| GAUCAG-AAU-
GCCACGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|AY513527|1|1412| GAUCAG-CAU-
GCCGCGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|AF208508|1|1472| GAUCAG-CAC-
GCCACGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|BX640417|66117|67648| GAUCAG-CAU-
GUCGCGGUGAAUACGUUCCCCGGGUCUUGUACACACCGCCCGUCACACCA
silva|BX640428|97283|98814| GAUCAG-CAU-
GUCGCGGUGAAUACGUUCCCCGGGUCUUGUACACACCGCCCGUCACACCA
silva|AF084850|1|1436| GAUCAG-AAU-
GCCGCGGUGAAUACGUUCCCCGGGCCUUGUACACACCGCCCGUCACACCA

silva|AJ250247|1|1455| GAUCAG-CAU-
GCCACGGUGAAUACGUUCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|BX897699|1583137|1584628| GAUCAG-CAU-
GCCACGGUGAAUACGUUCCCGGGCCUUGUACACACCGCCCGUCACACCA
silva|EU071537|1|1509| GAUCAG-AAU-
GCCGCGGUGAAUACGUUCCCGGGCCUUGUACACACCGCCCGUCACACCA
**** * ***** ** * **** ***** ** *

silva|AY342037|1|1457| UGGGAGUGAAUUGUACCAGAAGCGGGUAGGCUAACCU-----
UC-----GGGAG
silva|AJ232231|1|1477| UGGGAGUGGGUUGCAAAAGAAGUAGGUAGCUUAACCU-----
UC-----GGGAG
silva|AE003849|172274|173818| UGGGAGUUUGUUGCACCAGAAGCAGGUAGCUUAACCG---
---CG-----AGGAG
silva|AF442743|1|2165| UGGGAGUUUGUUGCACCAGAAGCAGGUAGCUUAACCU-----
UC-----GGGAG
silva|AY026912|1|1458| UGGGAAUUGGUUUCACUCGAAGCUAACGACCUAACCA-----GC-
-----AAUGGAG
silva|BA000021|136582|138132| UGGAAGUGAGCUGCAAAAGAAGCAGGUAGCUUAACCU---
---UU-----CGGAG
silva|AY513500|1|1491| UGGGAGUGGGCUGCAAAAGAAGCAGGUAGUUUAACCU-----
UC-----GGGAG
silva|EF643609|1|1542| UGGGAGUGGGUUGCAAAAGAAGUAGGUAGCUUAACCU-----
UC-----GGGAG
silva|AE014299|2973049|2974577| UGGGAGUGGGCUGCAAAAGAAGUGGGUAGCUUAACCU-
----UC-----GGGGG
silva|U90316|1|1541| UGGGAGUGGGUUGCAAAAGAAGUAGGUAGCUUAACCU-----UC-
-----GGGAG
silva|AJ235272|177323|178829| UGGGAGUUGGUUUUACCUGAAGGUGGUGAGCUAACGC---
---AA-----GAG
silva|U12460|1|1436| UGGGAGUUAGUUUUACCUGAAGGUGGUGAGCUAACGC-----
AA-----GAG
silva|AL646052|3277704|3279237| UGGGAGUGGGCUUUACCAGAAGUAGUUAGCCUAACCG-
----CA-----AGGAG
silva|AY574913|1|1531| UGGGAGUGGGUUGCACCAGAAGUAGCUAGUCUAACCU-----
UC-----GGGAG
silva|EU620069|1|1570| UGGGAGUGGGUUGCACCAGAAG-AGCUAGUCUAACCU-----UC-
-----GGGAG
silva|X06684|1|1537| UGGGAGUGGGUUGCUCCAGAAGUAGCUAGUCUAACCG-----CA--
-----AGGGG
silva|D78004|1|1483| UGGGAGUGGGUUGCAAAAGAAGUCGGUAGCUUAAC-U-----GC--
-----GGGAG
silva|CR378665|83603|85179|
UGGGAGUGGGCUGCACCAGAAGUAGAUAGCUUAACCCCGAUCUUUUAGGAGAAAGGGGAG

silva EU918692 1 1499 UC-----GGGAG	UGGGAGUGGGUUGCACCAGAAGUAGAUAGCUUAACCU-----
silva AF310340 1 1471 CA-----AGGGG	UGGGAGUGGGGGAUACCAGAAGUAGGUAGGAUAACCG-----
silva AY062899 1 1492 -----UG	UGGGAGUUGUGUUUGCCUUAAGUCAGGAUGCUAAAU-----
silva AE017180 1224149 1225696 ---GC-----AAUGGAG	CGGGAGUCGACUGGUCCCGAAGUGCGUGAGCUAACCA--
silva U07573 1 1470 -----UG	UGGGAGUUGUAUUCGCCUUAAGUCGGGAUACUAAAU-----
silva AY613472 1 1538 UU-----UGGAG	UGGGAGUGGGUUGUACCAGAAGUAGAUAGCUUAACCU-----
silva AB045730 1 1534 CC-----GGGAG	UGGGAGUGGGUUGCAAAAGAAGUAGGUAGCUUAACCU-----
silva AY362360 1 1510 -----AAUGGAG	CGAAAGUUGGUUUUACCCGACACCGGUGAGCUAACCA-----GC-
silva EU693450 1 1505 CA-----AGGAG	UGGGAGUGAGUUUCACCAGAAGUGGGUAGGCUAACCG-----
silva AE005673 2840172 2841610 ---C-----AAGGGG	UGGGAGUUGGCUUUACCCGAAGGCGCUGCGCUAACCG--
silva AANK01000003 466 1969 -----UA	UGGGAGUUGAUUUUCACUCGAAGCCGGAAUACUAAAC-----
silva M27039 1 1547 UUU-----AAAAGGAA	UGGGAGUGGGUUGCAAAAGAAGCAGGUAUCCUAACCC-----
silva AY513527 1 1412 -----AAGGAG	UGGGAGUUGGUUUUACCCGAAGGCGCUGUGCUAACCG-----C--
silva AF208508 1 1472 GC-----AAUGGAG	UGGGAGUUGGUUUUACCUGAAGACGGUGCGCUAACCA-----
silva BX640417 66117 67648 -CA-----AGGGG	UGGGAGUGGGUUUUUACCAGAAGUAGUUAGCCUAACCG-----
silva BX640428 97283 98814 -CA-----AGGGG	UGGGAGUGGGUUUUUACCAGAAGUAGUUAGCCUAACCG-----
silva AF084850 1 1436 -----AGGAG	UGAAAGUUGGCUGUACCAGAAGUCGCUGCGCUAACCG-----CA-
silva AJ250247 1 1455 -----AAGGAG	UGGGAGUUGGUUUUACCCGAAGGUGCUGUGCUAACCG-----C--
silva BX897699 1583137 1584628 -----C-----AAGGGG	UGGGAGUUGGUUUUACCCGAAGGUGCUGUGCUAACCG-
silva EU071537 1 1509 CA-----AGGAG	UGGGAAUUUGUUGCACCAGAAGUAGGUAGUCUAACCG-----
* * *	* ***
silva AY342037 1 1457	GCCG-----

silva|AJ232231|1|1477|
GGCGCUUACCACUUUGUGAUUCAUGACUGGGGUGAAGUCGUAAC-----
silva|AE003849|172274|173818|
GGCGCUUGCCACGGUGUGGGCCGAUGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAUCGG
silva|AF442743|1|2165|
GGCGCUUGCCACGGUGUGGGCCGAUGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAUCGG
silva|AY026912|1|1458|
GGAGUUAUUUAAAGUGGGAUCGGUGACUGGGGUGAAGUCGUAACAAGGUAGCGGUAGGGG
silva|BA000021|136582|138132|
GGCGCUUACCACUUUGUGGUUCAUAACUGGGGUGAAGUCGUAACAAGGUAACCGUAGGGG
silva|AY513500|1|1491| GACGCUUGCCACUUUGUGGUUCAUGACUGGGGUGAAGUC-----

silva|EF643609|1|1542|
GGCGCUUACCACUUUGUGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAACCGUAGGGG
silva|AE014299|2973049|2974577|
GGCGCUCACCACUUUGUGGUUCAUGACUGGGGUGAAGUCGUAACAAGGUAGCCCUAGGGG
silva|U90316|1|1541|
GGCGCUUACCACUUUGUGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAACCGUAGGGG
silva|AJ235272|177323|178829|
GCAGCCAACCACGGUAAAAUUAGCGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAGGGG
silva|U12460|1|1436|
GCAGCCAACCACGGUAAAAUUAGCGACUGGGGUGAAGUCGUAACAAGGU-----
silva|AL646052|3277704|3279237|
GGCGAUUACCACGGUAGGGUUCAUGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAUCGG
silva|AY574913|1|1531|
GACGGUUACCACGGUGUGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAGGGG
silva|EU620069|1|1570|
GACGGUUACCACGGUGUGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAGGGG
silva|X06684|1|1537|
GACGGUUACCACGGAGUGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAGGGG
silva|D78004|1|1483|
GGCGCUGACCACUUUGUGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAACCGUAG---
silva|CR378665|83603|85179|
GGCGUUUACCACGGUGUGGUUCAUGACUGGGGUGAAGUCGUAACAAGGUAGCCCUAGGGG
silva|EU918692|1|1499|
GGCGUUUACCACGGUGUGAUUCAUGACUGGGGUGAAGUCGUAACAA-----
silva|AF310340|1|1471|
UCCGCUUACCACGGUAUGCUUCAUGACUGGGGUGAAGUCGUAA-----
silva|AY062899|1|1492|
GCUACUGCCCACGGCACACACAGCGACUGGGGUGAAGUCGUAACAAGGUAACCGUAG-UG
silva|AE017180|1224149|1225696|
GCAGCGUCCUAAGGAAUGGUCGGUGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAGGGG
silva|U07573|1|1470|
GUUACCGCCCACGGCGGAUGCAGCGACUGGGGUGAAGUCGUAACAAGGUAACCGUAGGUG

silva|AY613472|1|1538|
 GGCGUUUACCACGGUAUGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAACCGUAGGGG
 silva|AB045730|1|1534|
 GGCGCUUACCACUUUGUGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAACCGUAGGGG
 silva|AY362360|1|1510|
 GCAGCCGUCUACGGUAGGGCCGAUGAUUGGGGUGAAGUCGUAACAAGGUAACC-----
 silva|EU693450|1|1505|
 GCCGCUUACCACGGUGGGGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAACCGUAA---
 silva|AE005673|2840172|2841610|
 GCAGGCGACCACGGUAGGGUCAGCGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAGGGG
 silva|AANK01000003|466|1969|
 GUUACCGUCCACAGUGGAAUCAGCGACUGGGGUGAAGUCGUAACAAGGUAACCGUAGGAG
 silva|M27039|1|1547|
 GGCGCUUACCACUUUGUGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAACCGUAGGGG
 silva|AY513527|1|1412| GCAGGCGACCACGGUAGGGUCAGCGACUGGGGUG-----

 silva|AF208508|1|1472|
 GCAGCCGCCACGGUAGGGUCAGCGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAGGGG
 silva|BX640417|66117|67648|
 GGCGAUUACCACGGUAGGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAUUCGG
 silva|BX640428|97283|98814|
 GGCGAUUACCACGGUAGGAUUCAUGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAUUCGG
 silva|AF084850|1|1436| GCAGGCGCCCAAGGUAUGGUCAUGAUUGGGGUG-----

 silva|AJ250247|1|1455|
 GCAGGCAACCACGGUAGGGUCAGCGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAG---
 silva|BX897699|1583137|1584628|
 GCAGGCAACCACGGUAGGGUCAGCGACUGGGGUGAAGUCGUAACAAGGUAGCCGUAGGGG
 silva|EU071537|1|1509|
 GACGCUUACCACGGUGUGGCCGAUGACUGGGGUGAAGUCGUAACAAGGUAUCCA-----

 silva|AY342037|1|1457| -----
 silva|AJ232231|1|1477| -----
 silva|AE003849|172274|173818| AAGGUGCGGCUGGAUCACCUCCUUU-----

 silva|AF442743|1|2165| AAGGUGCGGCUGGAUCACCUCCUUUUGA----
 GCAUGACGUCAUCGUCCUGUCGGGCGUC
 silva|AY026912|1|1458| AAU-C-----
 silva|BA000021|136582|138132| AACCUGUGGUUGGAUCACCUCCUUA-----

 silva|AY513500|1|1491| -----
 silva|EF643609|1|1542| AACCUGCGGUUGGAUCACCUCCUUA-----
 -

silva|AE014299|2973049|2974577| AACCUGGGGCUGGAUCACCU-----

silva|U90316|1|1541| AACCUGCGGUUGGAUCACCUCCUUA-----
silva|AJ235272|177323|178829| AAC-UGCGGCUGGAUUACCUCCUUA-----

silva|U12460|1|1436| -----
silva|AL646052|3277704|3279237| AAGGUGCGGCUGGAUCACCUCCUU-----

silva|AY574913|1|1531| AACCUGCGGCUGGAUCACCUCCUUA-----
--
silva|EU620069|1|1570|
AACCUGCGGCUGGAUCACCUCCUUAUUCGUCCACUUGCCGUCAUGC-----
silva|X06684|1|1537| AACCUGCGGCUGGAUCACCUCCUUA-----
silva|D78004|1|1483| -----
silva|CR378665|83603|85179| AACCUGGGGCUGGAUCACCUCCUUA-----

silva|EU918692|1|1499| -----
silva|AF310340|1|1471| -----
silva|AY062899|1|1492| AACCUGCGGCUGGAUCACCUCCUU-----
silva|AE017180|1224149|1225696| AACCUGCGGCUGGAUCACCUCCUU-----

silva|U07573|1|1470| AACCUGC-----
silva|AY613472|1|1538| AACCUGCGGUUGGAUCACCUCCUUA-----
-
silva|AB045730|1|1534| AACCUGCGGUUGGAUCACCUCCUUA-----
-
silva|AY362360|1|1510| -----
silva|EU693450|1|1505| -----
silva|AE005673|2840172|2841610| AACCUGC-----
silva|AANK01000003|466|1969| AACCUGCGGUUGGAUCACCUCCU-----

silva|M27039|1|1547| AACCUGCGGUUGGAUCACCUCCUUA-----
silva|AY513527|1|1412| -----
silva|AF208508|1|1472| AACCUGCGGCUGGAUCACCUCCUU-----
-
silva|BX640417|66117|67648| AAGGUGCGGCUGGAUCACCUCCUU-----

silva|BX640428|97283|98814| AAGGUGCGGCUGGAUCACCUCCUU-----

silva|AF084850|1|1436| -----
silva|AJ250247|1|1455| -----
silva|BX897699|1583137|1584628| AACCUGGGCUGGAUCACCUCCUUUCU-----

silva|EU071537|1|1509| -----

silva|AY342037|1|1457|-----
silva|AJ232231|1|1477|-----
silva|AE003849|172274|173818|-----
silva|AF442743|1|2165|-----
CUCACAAAAUUACCUGCAUUCAGAGAUGCGUAUCGGCACAGGCCGGUAUGCGAAAGUCCC
silva|AY026912|1|1458|-----
silva|BA000021|136582|138132|-----
silva|AY513500|1|1491|-----
silva|EF643609|1|1542|-----
silva|AE014299|2973049|2974577|-----
silva|U90316|1|1541|-----
silva|AJ235272|177323|178829|-----
silva|U12460|1|1436|-----
silva|AL646052|3277704|3279237|-----
silva|AY574913|1|1531|-----
silva|EU620069|1|1570|-----
silva|X06684|1|1537|-----
silva|D78004|1|1483|-----
silva|CR378665|83603|85179|-----
silva|EU918692|1|1499|-----
silva|AF310340|1|1471|-----
silva|AY062899|1|1492|-----
silva|AE017180|1224149|1225696|-----
silva|U07573|1|1470|-----
silva|AY613472|1|1538|-----
silva|AB045730|1|1534|-----
silva|AY362360|1|1510|-----
silva|EU693450|1|1505|-----
silva|AE005673|2840172|2841610|-----
silva|AANK01000003|466|1969|-----
silva|M27039|1|1547|-----
silva|AY513527|1|1412|-----
silva|AF208508|1|1472|-----
silva|BX640417|66117|67648|-----
silva|BX640428|97283|98814|-----
silva|AF084850|1|1436|-----
silva|AJ250247|1|1455|-----
silva|BX897699|1583137|1584628|-----
silva|EU071537|1|1509|-----

silva|AY342037|1|1457|-----

silva|AJ232231|1|1477|-----
silva|AE003849|172274|173818|-----
silva|AF442743|1|2165|
AUCAUGGGGCCUUAGCUCAGCUGGGAGAGCACCUGCUUUGCAAGCAGGGGGUCGUCGGUU
silva|AY026912|1|1458|-----
silva|BA000021|136582|138132|-----
silva|AY513500|1|1491|-----
silva|EF643609|1|1542|-----
silva|AE014299|2973049|2974577|-----
silva|U90316|1|1541|-----
silva|AJ235272|177323|178829|-----
silva|U12460|1|1436|-----
silva|AL646052|3277704|3279237|-----
silva|AY574913|1|1531|-----
silva|EU620069|1|1570|-----
silva|X06684|1|1537|-----
silva|D78004|1|1483|-----
silva|CR378665|83603|85179|-----
silva|EU918692|1|1499|-----
silva|AF310340|1|1471|-----
silva|AY062899|1|1492|-----
silva|AE017180|1224149|1225696|-----
silva|U07573|1|1470|-----
silva|AY613472|1|1538|-----
silva|AB045730|1|1534|-----
silva|AY362360|1|1510|-----
silva|EU693450|1|1505|-----
silva|AE005673|2840172|2841610|-----
silva|AANK01000003|466|1969|-----
silva|M27039|1|1547|-----
silva|AY513527|1|1412|-----
silva|AF208508|1|1472|-----
silva|BX640417|66117|67648|-----
silva|BX640428|97283|98814|-----
silva|AF084850|1|1436|-----
silva|AJ250247|1|1455|-----
silva|BX897699|1583137|1584628|-----
silva|EU071537|1|1509|-----

silva|AY342037|1|1457|-----
silva|AJ232231|1|1477|-----
silva|AE003849|172274|173818|-----

silva|AF442743|1|2165|
CGAUCCCGACAGGCUCCACCAUUUGAGUGAAACGACUUUGGGUCUGUAGCUCAGGUGGUU
silva|AY026912|1|1458|-----
silva|BA000021|136582|138132|-----
silva|AY513500|1|1491|-----
silva|EF643609|1|1542|-----
silva|AE014299|2973049|2974577|-----
silva|U90316|1|1541|-----
silva|AJ235272|177323|178829|-----
silva|U12460|1|1436|-----
silva|AL646052|3277704|3279237|-----
silva|AY574913|1|1531|-----
silva|EU620069|1|1570|-----
silva|X06684|1|1537|-----
silva|D78004|1|1483|-----
silva|CR378665|83603|85179|-----
silva|EU918692|1|1499|-----
silva|AF310340|1|1471|-----
silva|AY062899|1|1492|-----
silva|AE017180|1224149|1225696|-----
silva|U07573|1|1470|-----
silva|AY613472|1|1538|-----
silva|AB045730|1|1534|-----
silva|AY362360|1|1510|-----
silva|EU693450|1|1505|-----
silva|AE005673|2840172|2841610|-----
silva|AANK01000003|466|1969|-----
silva|M27039|1|1547|-----
silva|AY513527|1|1412|-----
silva|AF208508|1|1472|-----
silva|BX640417|66117|67648|-----
silva|BX640428|97283|98814|-----
silva|AF084850|1|1436|-----
silva|AJ250247|1|1455|-----
silva|BX897699|1583137|1584628|-----
silva|EU071537|1|1509|-----

silva|AY342037|1|1457|-----
silva|AJ232231|1|1477|-----
silva|AE003849|172274|173818|-----
silva|AF442743|1|2165|
AGAGCGCACCCUGAUAAAGGGUGAGGUCGGUGGUUCGAGUCCUCCAGACCCACCACUCU
silva|AY026912|1|1458|-----

silva|BA000021|136582|138132|-----
silva|AY513500|1|1491|-----
silva|EF643609|1|1542|-----
silva|AE014299|2973049|2974577|-----
silva|U90316|1|1541|-----
silva|AJ235272|177323|178829|-----
silva|U12460|1|1436|-----
silva|AL646052|3277704|3279237|-----
silva|AY574913|1|1531|-----
silva|EU620069|1|1570|-----
silva|X06684|1|1537|-----
silva|D78004|1|1483|-----
silva|CR378665|83603|85179|-----
silva|EU918692|1|1499|-----
silva|AF310340|1|1471|-----
silva|AY062899|1|1492|-----
silva|AE017180|1224149|1225696|-----
silva|U07573|1|1470|-----
silva|AY613472|1|1538|-----
silva|AB045730|1|1534|-----
silva|AY362360|1|1510|-----
silva|EU693450|1|1505|-----
silva|AE005673|2840172|2841610|-----
silva|AANK01000003|466|1969|-----
silva|M27039|1|1547|-----
silva|AY513527|1|1412|-----
silva|AF208508|1|1472|-----
silva|BX640417|66117|67648|-----
silva|BX640428|97283|98814|-----
silva|AF084850|1|1436|-----
silva|AJ250247|1|1455|-----
silva|BX897699|1583137|1584628|-----
silva|EU071537|1|1509|-----

silva|AY342037|1|1457|-----
silva|AJ232231|1|1477|-----
silva|AE003849|172274|173818|-----
silva|AF442743|1|2165|-----
GAAUGUAGUGCACACUUAAGAAUUUAUAUGGAUCAGCGUUGAGGCUGAGACAUGUCCUUU
silva|AY026912|1|1458|-----
silva|BA000021|136582|138132|-----
silva|AY513500|1|1491|-----
silva|EF643609|1|1542|-----

silva|AE014299|2973049|2974577|-----
silva|U90316|1|1541|-----
silva|AJ235272|177323|178829|-----
silva|U12460|1|1436|-----
silva|AL646052|3277704|3279237|-----
silva|AY574913|1|1531|-----
silva|EU620069|1|1570|-----
silva|X06684|1|1537|-----
silva|D78004|1|1483|-----
silva|CR378665|83603|85179|-----
silva|EU918692|1|1499|-----
silva|AF310340|1|1471|-----
silva|AY062899|1|1492|-----
silva|AE017180|1224149|1225696|-----
silva|U07573|1|1470|-----
silva|AY613472|1|1538|-----
silva|AB045730|1|1534|-----
silva|AY362360|1|1510|-----
silva|EU693450|1|1505|-----
silva|AE005673|2840172|2841610|-----
silva|AANK01000003|466|1969|-----
silva|M27039|1|1547|-----
silva|AY513527|1|1412|-----
silva|AF208508|1|1472|-----
silva|BX640417|66117|67648|-----
silva|BX640428|97283|98814|-----
silva|AF084850|1|1436|-----
silva|AJ250247|1|1455|-----
silva|BX897699|1583137|1584628|-----
silva|EU071537|1|1509|-----

silva|AY342037|1|1457|-----
silva|AJ232231|1|1477|-----
silva|AE003849|172274|173818|-----
silva|AF442743|1|2165|-----
UAUAACUUGUGACGUAGCGAGCGUUUGAGAUUAUCUAUCUAAACGUGUCGUUGAGGCCUAAG
silva|AY026912|1|1458|-----
silva|BA000021|136582|138132|-----
silva|AY513500|1|1491|-----
silva|EF643609|1|1542|-----
silva|AE014299|2973049|2974577|-----
silva|U90316|1|1541|-----
silva|AJ235272|177323|178829|-----

silva|U12460|1|1436|-----
silva|AL646052|3277704|3279237|-----
silva|AY574913|1|1531|-----
silva|EU620069|1|1570|-----
silva|X06684|1|1537|-----
silva|D78004|1|1483|-----
silva|CR378665|83603|85179|-----
silva|EU918692|1|1499|-----
silva|AF310340|1|1471|-----
silva|AY062899|1|1492|-----
silva|AE017180|1224149|1225696|-----
silva|U07573|1|1470|-----
silva|AY613472|1|1538|-----
silva|AB045730|1|1534|-----
silva|AY362360|1|1510|-----
silva|EU693450|1|1505|-----
silva|AE005673|2840172|2841610|-----
silva|AANK01000003|466|1969|-----
silva|M27039|1|1547|-----
silva|AY513527|1|1412|-----
silva|AF208508|1|1472|-----
silva|BX640417|66117|67648|-----
silva|BX640428|97283|98814|-----
silva|AF084850|1|1436|-----
silva|AJ250247|1|1455|-----
silva|BX897699|1583137|1584628|-----
silva|EU071537|1|1509|-----

silva|AY342037|1|1457|-----
silva|AJ232231|1|1477|-----
silva|AE003849|172274|173818|-----
silva|AF442743|1|2165|-----
GCGGGGACUUCGAGUCCCUAAAUAUUAGAGUCGUAUGUUCGCGUUGGUGGCUUUGUACCC
silva|AY026912|1|1458|-----
silva|BA000021|136582|138132|-----
silva|AY513500|1|1491|-----
silva|EF643609|1|1542|-----
silva|AE014299|2973049|2974577|-----
silva|U90316|1|1541|-----
silva|AJ235272|177323|178829|-----
silva|U12460|1|1436|-----
silva|AL646052|3277704|3279237|-----
silva|AY574913|1|1531|-----

silva|EU620069|1|1570|-----
silva|X06684|1|1537|-----
silva|D78004|1|1483|-----
silva|CR378665|83603|85179|-----
silva|EU918692|1|1499|-----
silva|AF310340|1|1471|-----
silva|AY062899|1|1492|-----
silva|AE017180|1224149|1225696|-----
silva|U07573|1|1470|-----
silva|AY613472|1|1538|-----
silva|AB045730|1|1534|-----
silva|AY362360|1|1510|-----
silva|EU693450|1|1505|-----
silva|AE005673|2840172|2841610|-----
silva|AANK01000003|466|1969|-----
silva|M27039|1|1547|-----
silva|AY513527|1|1412|-----
silva|AF208508|1|1472|-----
silva|BX640417|66117|67648|-----
silva|BX640428|97283|98814|-----
silva|AF084850|1|1436|-----
silva|AJ250247|1|1455|-----
silva|BX897699|1583137|1584628|-----
silva|EU071537|1|1509|-----

silva|AY342037|1|1457|-----
silva|AJ232231|1|1477|-----
silva|AE003849|172274|173818|-----
silva|AF442743|1|2165|-----
CACACAACACGGCAGAUAGCUCCGAGGCAACUUGGGGUUAUAUGGUCAAGCGAAUAAGCG
silva|AY026912|1|1458|-----
silva|BA000021|136582|138132|-----
silva|AY513500|1|1491|-----
silva|EF643609|1|1542|-----
silva|AE014299|2973049|2974577|-----
silva|U90316|1|1541|-----
silva|AJ235272|177323|178829|-----
silva|U12460|1|1436|-----
silva|AL646052|3277704|3279237|-----
silva|AY574913|1|1531|-----
silva|EU620069|1|1570|-----
silva|X06684|1|1537|-----
silva|D78004|1|1483|-----

silva|CR378665|83603|85179|-----
silva|EU918692|1|1499|-----
silva|AF310340|1|1471|-----
silva|AY062899|1|1492|-----
silva|AE017180|1224149|1225696|-----
silva|U07573|1|1470|-----
silva|AY613472|1|1538|-----
silva|AB045730|1|1534|-----
silva|AY362360|1|1510|-----
silva|EU693450|1|1505|-----
silva|AE005673|2840172|2841610|-----
silva|AANK01000003|466|1969|-----
silva|M27039|1|1547|-----
silva|AY513527|1|1412|-----
silva|AF208508|1|1472|-----
silva|BX640417|66117|67648|-----
silva|BX640428|97283|98814|-----
silva|AF084850|1|1436|-----
silva|AJ250247|1|1455|-----
silva|BX897699|1583137|1584628|-----
silva|EU071537|1|1509|-----

silva|AY342037|1|1457|-----
silva|AJ232231|1|1477|-----
silva|AE003849|172274|173818|-----
silva|AF442743|1|2165|-----
CACACGGUGGAUGCCUAGGCGGUCAGAGGCGAUGAAGGACGUGGUAGCCUGCGAAAAGUG
silva|AY026912|1|1458|-----
silva|BA000021|136582|138132|-----
silva|AY513500|1|1491|-----
silva|EF643609|1|1542|-----
silva|AE014299|2973049|2974577|-----
silva|U90316|1|1541|-----
silva|AJ235272|177323|178829|-----
silva|U12460|1|1436|-----
silva|AL646052|3277704|3279237|-----
silva|AY574913|1|1531|-----
silva|EU620069|1|1570|-----
silva|X06684|1|1537|-----
silva|D78004|1|1483|-----
silva|CR378665|83603|85179|-----
silva|EU918692|1|1499|-----
silva|AF310340|1|1471|-----

silva|AY062899|1|1492|-----
silva|AE017180|1224149|1225696|-----
silva|U07573|1|1470|-----
silva|AY613472|1|1538|-----
silva|AB045730|1|1534|-----
silva|AY362360|1|1510|-----
silva|EU693450|1|1505|-----
silva|AE005673|2840172|2841610|-----
silva|AANK01000003|466|1969|-----
silva|M27039|1|1547|-----
silva|AY513527|1|1412|-----
silva|AF208508|1|1472|-----
silva|BX640417|66117|67648|-----
silva|BX640428|97283|98814|-----
silva|AF084850|1|1436|-----
silva|AJ250247|1|1455|-----
silva|BX897699|1583137|1584628|-----
silva|EU071537|1|1509|-----

silva|AY342037|1|1457|-----
silva|AJ232231|1|1477|-----
silva|AE003849|172274|173818|-----
silva|AF442743|1|2165|-----
UCGGGGAGCUGGCAACAAGCUUUGAUCCGGCAAUAUCCGAAUGGGGAAACCCGG
silva|AY026912|1|1458|-----
silva|BA000021|136582|138132|-----
silva|AY513500|1|1491|-----
silva|EF643609|1|1542|-----
silva|AE014299|2973049|2974577|-----
silva|U90316|1|1541|-----
silva|AJ235272|177323|178829|-----
silva|U12460|1|1436|-----
silva|AL646052|3277704|3279237|-----
silva|AY574913|1|1531|-----
silva|EU620069|1|1570|-----
silva|X06684|1|1537|-----
silva|D78004|1|1483|-----
silva|CR378665|83603|85179|-----
silva|EU918692|1|1499|-----
silva|AF310340|1|1471|-----
silva|AY062899|1|1492|-----
silva|AE017180|1224149|1225696|-----
silva|U07573|1|1470|-----

silva AY613472 1 1538	-----
silva AB045730 1 1534	-----
silva AY362360 1 1510	-----
silva EU693450 1 1505	-----
silva AE005673 2840172 2841610	-----
silva AANK01000003 466 1969	-----
silva M27039 1 1547	-----
silva AY513527 1 1412	-----
silva AF208508 1 1472	-----
silva BX640417 66117 67648	-----
silva BX640428 97283 98814	-----
silva AF084850 1 1436	-----
silva AJ250247 1 1455	-----
silva BX897699 1583137 1584628	-----
silva EU071537 1 1509	-----