BLAST ® » blastn suite-2sequences » RID-G2BPXB7911N

BLAST Results

Blast 2 sequences

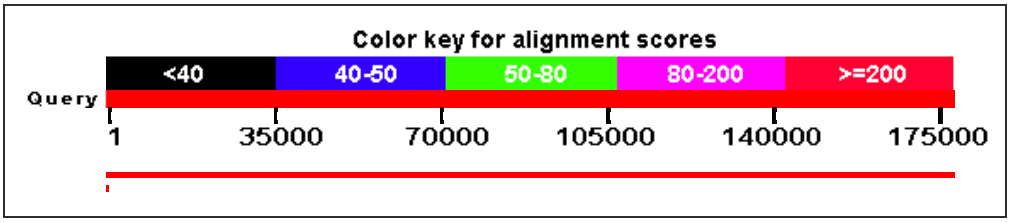
lcl|/home/jayp/bigtest/rundll32.exe

RID G2BPXB7911N (Expires on 04-04 22:55 pm)

Query ID	lcl|Query_205573	**Subject ID**	3 subjects
Description	lcl|/home/jayp/bigtest/rundll32.exe	**Description**	See details
Molecule type	nucleic acid	**Molecule type**	nucleic acid
Query Length	178176	**Subject Length**	n/a
		Program	BLASTN 2.3.1+

Graphic Summary

Distribution of 102 Blast Hits on the Query Sequence



Descriptions

Sequences producing significant alignments:

Description	Max score	Total score	Query cover	E value	Ident	Accession
lcl|/home/jayp/bigtest/rundll32.exe	3.290e+05	1.500e+06	100%	0.0	100%	Query_205575
lcl|/home/jayp/bigtest/groovemonitor.exe	929	60566	7%	0.0	99%	Query_205577

Alignments

lcl|/home/jayp/bigtest/rundll32.exe

Sequence ID: lcl|Query_205575 Length: 178176 Number of Matches: 5622
Range 1: 1 to 178176

Score	Expect	Identities	Gaps	Strand	Frame
3.290e+05 bits(178176)	0.0()	178176/178176(100%)	0/178176(0%)	Plus/Plus	

Features:

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Query  1       GTAGGGCCCGttttttttatttttttttttttttgtttttttttttttaaaaaaaatttt  60
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Sbjct  1       GTAGGGCCCGTTTTTTTTATTTTTTTTTTTTTTTGTTTTTTTTTTTTTTAAAAAAAATTTT  60

Query  61      ttttcactttttttttttttttttttttttttttttgttttttttttttttttttttttttttttt
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Query  1081  ttttttgttttttgttttttttttttttttttctttttttttgctttttttgtttttttgc  1140
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Sbjct  1081  TTTTTTTGTTTTTGTTTTTTTTTTTTTTTTTCTTTTTTTTTTGCTTTTTTTGTTTTTTGC  1140

Query  1141  ttttttttgtttttttgctttttttgtttttttttttttttttttttttttactttttttttt  1200
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Sbjct  1141  TTTTTTTTGTTTTTTGCTTTTTTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  1200

Query  1201  tttttttgtttttttttaatctgattttgtttttttctttttgtttctttttttttttttgt  1260
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Sbjct  1201  TTTTTTTGTTTTTTTTTAATCTGATTTTGTTTTTTTCTTTTGTTTCTTTTTTTTTTTTTTGT  1260

Query  1261  tttttttttattttttttttttttttttttgtttttttttttttgttttttttttttttttttttttttt
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Query  2761    TATCTCACGCGTGCATGCATTTTTGCAGGATAGAGCGCTAGATCGAGTTCACGCGTGCAT  2820
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Sbjct  2761    TATCTCACGCGTGCATGCATTTTTGCAGGATAGAGCGCTAGATCGAGTTCACGCGTGCAT  2820

Query  2821    GCATTTTTGCCGGCAGGCTGGCGAGCGGGCCTGCATGATTTCACGCGTGCATGCATTTTT  2880
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Sbjct  2821    GCATTTTTGCCGGCAGGCTGGCGAGCGGGCCTGCATGATTTCACGCGTGCATGCATTTTT  2880

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Sbjct  4441   ACTCGAGAGAGCAATGACTCGAGACAAACAGCACTCGAGAACCGTGCGACTAGAGAATAA  4500

Query  4501   TCCCACTAGAGACGGATGTCACTAGAGACCGTTTTGACTTGAGATAATAATCACTCGAGA  4560
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Sbjct  4501   TCCCACTAGAGACGGATGTCACTAGAGACCGTTTTGACTTGAGATAATAATCACTCGAGA  4560

Query  4561   CTCACAATACTCGAGAGCGCACAAACTCGAGACAGGGAATACTAGAGAGGACAATCACTC  4620
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Query  4621   GAGAGTTCTATGACTAGAGAAGGATCCTACTAGAGACCGAAATCACTCGAGAGAGCACAA  4680
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Sbjct  4621   GAGAGTTCTATGACTAGAGAAGGATCCTACTAGAGACCGAAATCACTCGAGAGAGCACAA  4680

Query  4681   ACTCGAGATGTCAATCACTCGAGATCTATTAGACTAGAGAGTGTAAACACTCGAGACGCA  4740
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Sbjct  4681   ACTCGAGATGTCAATCACTCGAGATCTATTAGACTAGAGAGTGTAAACACTCGAGACGCA  4740

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Sbjct  4741   GGTTACTCGAGATAGGTCCAACGTGAGAGTTTATAGACTCGAGACAAGCGTGACTCGAGA  4800

Query  4801   TGACCGTGACTCGAGAATACTGTAACTAGAGACCCTCCGAACTCGAGACCTAGAGGACTC  4860
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Sbjct  4801   TGACCGTGACTCGAGAATACTGTAACTAGAGACCCTCCGAACTCGAGACCTAGAGGACTC  4860

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Sbjct  4861   GAGACCTGTGCGACTAGAGAACAGCGTTACTCGAGATTTTTTTTTTTTTTTTTATGTGGT  4920

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Sbjct  4921   AGTCGAGAATCCAACGAGTGGAGAGTCAGATCAGTCGAGATCCTGGCCAGTCGAGACGAG  4980

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Sbjct  4981   TATGAGTCGAGATAACTAATAGTCGAGACCCGCTTAAGTCGAGATGGTGCGCAGTCGAGA  5040

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Sbjct  5041   ATCGGCGGAGTGGAGAGGTGTTACAGTCGAGATGCATCCTAGTCGAGACTTAAATCAGTG  5100

Query  5101   GAGATATAGGGGAGTCGAGACAAAACCCAGGCGAGAACAAAGGGAGTGGAGAtttttttt  5160
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Sbjct  5101   GAGATATAGGGGAGTCGAGACAAAACCCAGGCGAGAACAAAGGGAGTGGAGATTTTTTTT  5160

Query  5161   tttttttttAGCATTGAAGGGCAATCTAATCTAAGGGCAAGCTGCCCCAAGGGCAAGAAT  5220
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Sbjct  5161   TTTTTTTTTAGCATTGAAGGGCAATCTAATCTAAGGGCAAGCTGCCCCAAGGGCAAGAAT  5220

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Sbjct  5221   GTACAAGCGCAACGTTCGGAAAGGGCAAATACCACAAAGGGCAATTGTTCCTAAGCGCAA  5280

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Sbjct  5281   ACTGACTGAAGGGCAATCGATAACAAGAGCAAATAAGCTGAACCGCAAATACTCGAAAGC  5340

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Sbjct  5641   TTTTTTTTTCGTTCGTTCGTTCGTTTACATTAGGTTTGGTTTTTTTTTGTTAACTGG  5700

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Sbjct  5761   CTTGACATCCATTTTTTTTTTTTTTCCTGGTTTGGTTTTTTTTTGTATAATGGCTCGGTGG  5820

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Sbjct  5941   CTTAGAAGTTATGTACTTAACTGTTGTTTGTGTTTTTTTTAAAACAGGGGGTAAAAAAAA  6000

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Sbjct  6001   AAAAAAAAGAGGTGTTAAAAGAGGTTATAAAACAGGGGCTAAAAAAAAAAAAAAAATGGG  6060

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Sbjct  6361   TGTTTTTTTTTGCTCAAATTCTCAGTGGTTCTGTGCCCTAGTATGGTTTTTTTTTGCTAG  6420

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Query  7201   tttttttgacctcccctttttttttttttAAAAGAGGTGGTCTCAAATTAAAAGAGGTGTT  7260
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Sbjct  7201   TTTTTTTGACCTCCCCTTTTTTTTTTTTTAAAAGAGGTGGTCTCAAATTAAAAGAGGTGTT  7260

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Query  7621   AAAAGAGGTGGTAAAAGAGGTGTTAAAAGAGGTTATAAAAGGGGTTCTCTCATCGGGTCT  7680
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Query  7681   GGtttttttttGGCTGATCGATTACGTTCGTTCGTTCGTTCGTTCTCAAAAAGGGGCTCA  7740
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Query  7741   ACATCTTAGAAGTTCTAAAAGAGTTGCCCTTAGAAGTTATTTTTGAGTTTCAAAAAGAGG  7800
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Query  7801   TTATGCCCTTTTAAAATGGGCATTTGtttttttttGAAAAGAGGTTCTAAAATGGGCCAT  7860
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Sbjct  7801   TTATGCCCTTTTAAAATGGGCATTTGTTTTTTTTTGAAAAGAGGTTCTAAAATGGGCCAT  7860

Query  7861   TGtttttttttGGGAGATTCTTCTTTttcgttcgttcgttcgttcgttcTCAAAAAGGGG  7920
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Query  7921   CTCAACATCTTAACATTCCTGGTAGGGCGGGAGCCCTTCGGGCGTATAAAGCTATAATTT  7980
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Query  7981   CTCGGAGGAGCTCTAGGAAGAGATAATACCCACTCAGAAGTTCTGCCCGCGTGGGAATGA  8040
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Query  8101   gccttttgaaatttttttGGGCCTCGGTGGACATAAAATGGGAACTTGtttttttttG  8160
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Sbjct  8101   GCCTTTTGAAATTTTTTTTGGGCCTCGGTGGACATAAAATGGGAACTTGTTTTTTTTTG  8160

Query  8161   CTCAGGAGTTATCTCGGTGGAATTCTAGGTGGAGCTGGTTATGAGTGGAAGTTTGCtttt  8220
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  8161   CTCAGGAGTTATCTCGGTGGAATTCTAGGTGGAGCTGGTTATGAGTGGAAGTTTGCTTTT  8220

Query  8221   tttttttatgagtggacgtttgtttttttttttttCTCGGGAGAAATAAAATGGGAAGT  8280
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Sbjct  8221   TTTTTTTATGAGTGGACGTTTGTTTTTTTTTTTTTTCTCGGGAGAAATAAAATGGGAAGT  8280

Query  8281   TGtttttttttGGGGCGGGAGGGCGGGCGGGCGGGCCACtttttttttttttctttggtt  8340
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Query  8341   ggttgggcgcctgctttggtttttttttgggtagcctctttttttttttttttaaaatggg  8400
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Sbjct  8341   GGTTGGGCGCCTGCTTTGGTTTTTTTTTGGGTAGCCTCTTTTTTTTTTTTTTTAAAATGGG  8400

Query  8401   aatttgtttttttttGGGAAGGACGGCAATCGATTCTTCTTTttcgttcgttcgttcgtt  8460
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Sbjct  8401   AATTTGTTTTTTTTTGGGAAGGACGGCAATCGATTCTTCTTTTTCGTTCGTTCGTTCGTT  8460

Query  8461   cgttcTCAATTTGGGGCTCAACATGCTTCTCGTCGGGTCTGGtttttttttgcacgtgtt  8520
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Query  8521   tttttttttttttGCCCTTTTACTCAAATACCGTGTTaaaaaaaaaaaaCGTTCGtttttt  8580
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Query  8581   ttttcgttcgttcgttcgttcgttcTCAAAAAGGGGCTCAACATGGTGGCGTCCTGTGCt  8640
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Query  8641   tttttttttttttGGGCAAAAGAGGTTCTCTCAGATTTATTAAAATGGGGAGTTGTGtttt  8700
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Query  8701   tttGGCGCCTTAGACTTGGTTTTTGAGTTTCCCTTAGACTGTAtttttttAACTGGTCTC  8760
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Query  8821   TGGGGCTTTGTGtttttttGCTGGATTTGAGTTTAGTTAACAGAGTTTTAGTGCGCCTGG  8880
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Query  8881   ATTTTTAACTGGTAAGTTAAtttttttttGGACATCGATTCTTGTTTttcgttcgttcgtt  8940
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Sbjct  8881   ATTTTTAACTGGTAAGTTAATTTTTTTTTGGACATCGATTCTTGTTTTTCGTTCGTTCGTT  8940

Query  8941   cgttcgttcTCAAAAAGGGGCTCAACATCTTGACATTGCttttctttttttttcctggttt  9000
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  8941   CGTTCGTTCTCAAAAAGGGGCTCAACATCTTGACATTGCTTTTCTTTTTTTTTCCTGGTTT  9000

Query  9001   ggttttttttttGTATAATGGCTCGGTGGAAATCTCAGTGGTTCTGGTAGGGCCTCAGAGG  9060
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Sbjct  9001   GGTTTTTTTTTTGTATAATGGCTCGGTGGAAATCTCAGTGGTTCTGGTAGGGCCTCAGAGG  9060

Query  9061   TTATGGGAGCCCTTCTTATAAGCAGGTAGGGCCTCGCTGGAATTAAAGaaaaaaaaaaaa  9120
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Query  9121   TGGGGGATTGtttttttttGCTCGCTGGACATAAAGaaaaaaaaTACAATTATTAACTGT  9180
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Query  9181   TTTGTTAAtttttttttGGTTAAAATGGGGAGTTGTGtttttttGTACAATTAGAGTTGTA  9240
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Sbjct  9181   TTTGTTAATTTTTTTTTGGTTAAAATGGGGAGTTGTGTTTTTTTGTACAATTAGAGTTGTA  9240

Query  9241   CACGtttttttgtttttttttGCGCCTGGGTCTGGACGAGTTTCTGCCCTTTAAAAATGGG  9300
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Query  9301   GGTTTGtttttttttGCTCACTGGACATAAAGaaaaaaaaCTCAGTAGAAATGGAAGGAC  9360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  9301   GGTTTGTTTTTTTTTGCTCACTGGACATAAAGAAAAAAAACTCAGTAGAAATGGAAGGAC  9360

Query  9361   TATAATAGGGCAACCTGGAGAAATaaaaaaaaaTCGATTCTTCTTTttcgttcgttcgtt  9420
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Query  9421   cgttcgttcCTGCCGTGGTAtttttttGGCCTGGCTGGtttttttttgaaaataggcctt  9480
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Query  9481    ggtatttttttgcctaggctggtttttttttggcctgattggtttttttttggcctgagt  9540
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Query  9541    ggttttttttttggcctgcatggtttttttttgaaaatgggtgcttgtgtttttttGCTTA  9600
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Query  9841    GTTTGGtttttttttGCTTAGCGGAACTTTTTCTTAGCGGAAATTTTTGGTAGGGACAAA  9900
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Query  11161  GCGCCTTAAACTTCTTGAGCAATTGGTGACCTGTTGttttttttttttCTGGATTTGAGG  11220
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Query  11881  TTGCtttttttttATAAGCACTCGGGAGACGTCTCGGGAGAAATCTAGGTGGCGGTGGTT  11940
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Query  12061  GGAGACTTCAAAGCCTGGtttttttttGGGTAGGGCGGGAAAAATGGGGATTTGtttttt  12120
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Query  12121  tttGTACAATTATTAACTGGTCGTTTTGtttttttttATAAAGCGTGCCCTGGCGTGGtt  12180
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Query  12181  ttttttgtacaatgcttaactgttatatttgtttttttcctggcgtggtttttttttg  12240
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Query  12241  ctggatttttaactggtcgtttcattttttttctcgtagggcgtggtttttttttggcct  12300
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Sbjct  12361  GGCGCTGGATTTTTAACTGGCGAGTTTGTTTTTTTTCCTGGCGTGGTTTTTTTTTGTACA  12420

Query  12421  ATGCGAGGTGCAGCCTCTATTGCtttttttGGCCTCTGTTGCtttttttGACCTGTAG  12480
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Sbjct  12421  ATGCGAGGTGCAGCCTCTATTGCTTTTTTTTGGCCTCTGTTGCTTTTTTTTGACCTGTAG  12480

Query  12481  AAAGaaaaaaaaGGCGGGCGATGATTGGGCGTGGtttttttttgtttctttttttttttt  12540
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Sbjct  12481  AAAGAAAAAAAAAGGCGGGCGATGATTGGGCGTGGTTTTTTTTTGTTTCTTTTTTTTTTT  12540

Query  12541  tACGGGAGACTTGAGGTTCTGGTAGGGAAAAATGGGCttttgtttttttttgtacgtgag  12600
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Sbjct  12541  TACGGGAGACTTGAGGTTCTGGTAGGGAAAAATGGGCTTTTGTTTTTTTTTGTACGTGAG  12600

Query  12601  cattggtatttttttgttaactggaggatttttttttttcctggtcttgtgtttttttg  12660
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Sbjct  12601  CATTGGTATTTTTTTGTTAACTGGAGGATTTTTTTTTTTCCTGGTCTTGTGTTTTTTTG  12660

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Sbjct  12661  TACGTGCTTTAACTGTGGTATTTGTTTTTTTCTCATTTTCTCGGTGGAGATTTAACAGA  12720

Query  12721  TTCTGCGCCTTAAACGTCTTGAGCGGGGGCGCCTTAAACGTCTCTTAACTGTCCACTTCC  12780
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Sbjct  12721  TTCTGCGCCTTAAACGTCTTGAGCGGGGGCGCCTTAAACGTCTCTTAACTGTCCACTTCC  12780

Query  12781  tttttttGTTTGTTTACCAACGCCGTTCGTTCGttttttttttttttttttttaggtggg  12840
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Sbjct  12841  TTTTTTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCGATTGATTTTTTTTGGCAG  12900

Query  12901  tgggttttttttgtttttttttttttttttaaacaaaaaaaaaaaaatttttttttttttttt  12960
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Sbjct  12901  TGGGTTTTTTTTGTTTTTTTTTTTTTTTTTTTAAACAAAAAAAAAAAAATTTTTTTTTTTTTTTT  12960

Query  12961  ctgtaaaaaaaaaaaatttttttttttttttttaaacaaaaaaaaaaaaaCATGTGCGtttt  13020
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Query  13021  tttGCAGGTGCGtttttttGAAACaaaaaaaaaaaaGCGGTGCGtttttttGGACGTGCG  13080
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Query  13081  tttttttGGCGCTACAATCAGAGTTTGGTACGGGAGACGTGAGGCCTGTTAACAGATTCT  13140
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Sbjct  13141  GCGCTACAATCAGAGTTTAGGCGCCTTAAACGTCTTGAGATTGAGTTTGTTTCTCGGTGG  13200

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Sbjct  16801  TGTTTTTTTTTGGGTAAAAAGAGGTTCTCTAGTAGTTTTAATGCTTGCGGGAATGCGTGC  16860

Query  16861  TTTGTTTTAAAAAGGACTCGGTGGAAATCTGGATTTTTAACTGTATTGTTGtttttttt  16920
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Sbjct  16861  TTTGTTTTAAAAAGGACTCGGTGGAAATCTGGATTTTTAACTGTATTGTTGTTTTTTTT  16920

Query  16921  GGTAAAAATGGGTGCTTGtttttttttGGGAAGGACCTCAGTGGAAATGGCAATCGATTC  16980
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Sbjct  16921  GGTAAAAATGGGTGCTTGTTTTTTTTTGGGAAGGACCTCAGTGGAAATGGCAATCGATTC  16980

Query  16981  TTATTTttcgttcgttcgttcgttcgttcACTGTAGGGCCttttttttgcgctacgttgg  17040
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Query  17041  tttttttttttttttgttaactggctaatttttttttttttcctgtaattttttttttttg  17100
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Sbjct  17041  TTTTTTTTTTTTTTTGTTAACTGGCTAATTTTTTTTTTTTCCTGTAATTTTTTTTTTTTG  17100

Query  17101  ctagctttttttttttttttttttGCTTGTACTGGTTGTGGtttttttttGAGGGAATTTAA  17160
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Sbjct  17101  CTAGCTTTTTTTTTTTTTTTTTTTGCTTGTACTGGTTGTGGTTTTTTTTGAGGGAATTTAA  17160

Query  17161  CAGAGTCTTGCTCTTGAACGTTCATTTGtttttttttttAACTGGTAGATTCtttttttttt  17220
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Sbjct  17161  CAGAGTCTTGCTCTTGAACGTTCATTTGTTTTTTTTTTTAACTGGTAGATTCTTTTTTTTT  17220

Query  17221  CTTAGACTGAGTTTACGAGCGCGCTATAATCGTACGCTCTACCtttttttttttttttAA  17280
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Sbjct  17221  CTTAGACTGAGTTTACGAGCGCGCTATAATCGTACGCTCTACCTTTTTTTTTTTTTTTAA  17280

Query  17281  CGGGATTGCTCAATTGGCCCTTTCCCTAGGTTGGtttttttttgacctgcactttttttt  17340
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Sbjct  17281  CGGGATTGCTCAATTGGCCCTTTCCCTAGGTTGGTTTTTTTTTGACCTGCACTTTTTTTT  17340

Query  17341  ttttGGTTAAAATGGGTCGTTGTGtttttttGCTTATTAGGGATGGtttttttttGAAAA  17400
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Query  17401  CTTATTAGGCTTGGtttttttttGAAAAGGCGGGCGAAAATGGGTAGTTGTGtttttttG  17460
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Query  17461  CTCATTAGCCATGGTAtttttttGCTCGTTCTAAAATGGGTACTTGTGtttttttGCTCA  17520
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Sbjct  17521  TTAGCCCTGGTATTTTTTTGCTCGTTCTACCTGCTAAACTAAAAAAAACTTATAAGCGAT  17580

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Sbjct  17581  GGTATTTTTTTGTTTTTTAACTGTAACGTTGATTTTTTTTACCTTTATTTTTTTTTTTTT  17640

Query  17641  tATAATTTATTATATAATTTACCACCTACGTTCGTTCGTTCGTTCGTTGCCttttttttt  17700
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Query  17881  ATTTGAGTTGTATTAACAGAGTTTGGATGCGCCTTAAACTTTTCTTAACTGGATCGTTGA  17940
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Sbjct  18001  CGTTCGTTGCCCTTATGCCTAATTTGAGTTTTTTTGACCTGCCCTTTTTTTTTTTTTATA  18060

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Sbjct  18121  AAATCACCGTAGGGCCTTTTTTTGCGCTACGTGTGGAGGTCTGCTCAGGTGTAATCTGG  18180

Query  18181  AGTCGAATTGCCCTTGAACCtttttttttttttGTTGATATGTCCTAGTTGTTTCCCTCG  18240
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Sbjct  18181  AGTCGAATTGCCCTTGAACCTTTTTTTTTTTTTGTTGATATGTCCTAGTTGTTTCCCTCG  18240

Query  18241  GTGGACGTCTTGTACTGGTTGTGGtttttttttAACTGGGCCTTTGAtttttttATGA  18300
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Query  18301  GTGGAAATaaacaaaaaaaaaaaaaaacctacttaacaaaaaaaaaattcttgtttttcgtt  18360
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Sbjct  18301  GTGGAAATAAACAAAAAAAAAAAAAACCTACTTAACAAAAAAAAAATTCTTGTTTTTCGTT  18360

Query  18361  cgttcgttaaacaaaaaaaaaaaaatttttttttttttttttaggtaaaaaaaaaaaatttt  18420
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Sbjct  18421  TTTTTTTTTTTTTAAACAAAAAAAAAAAAATAAATCGGTTTTTTTGGTTATCGGTTTTTTTG  18480

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Query  19081  ATTTTTAACTATCATCTTGtttttttttCTTACCGGAGGTaaagaaaaaaaattttctag  19140
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Query  48181  tttGCTGGATTTGAGTTATAGCCCTTTGaaaaaggcgcccaaaaaaaacaggagataaag  48240
Sbjct  48181  TTTGCTGGATTTGAGTTATAGCCCTTTGAAAAAGGCGCCCAAAAAAAACAGGAGATAAAG  48240

Query  48241  aaaaaaaaaaaaTGGGTATTTGtttttttttGAAAACAGGAGATAAAGaaaaaaaaCTCA  48300
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Query  48421  AAATGGAAGGACTATAATAGGGCAACCTTAGGAGGCaaaaaaaaaTCGATTCttgttttt  48480
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Query  48481  gatcttttgaggttttgcacttttgcgtttttgcatttttgcatttttttatatttttatc  48540
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Query  48601  cgttcTCAAAAAGGGGCTCAACATCTTAACATTCATCTCAGTGGTTCTCTTAGCGGAAAT  48660
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Query  48721  TTATCTCAGTTTTGTTCACGtttttttttttttttGTCCAAACGATTGAAAATTTCTTTA  48780
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Query  48901  CTCGGTGGAACTCTGGAGTCGAGGGACTGGTCGGTCGGTAACCTTGGTTTTGtttttttt  48960
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Query  49561  ACCTGTAGtttttttttttttCTTAAACTGAAAGAGTTTGATAAGCAGCtttttttttttt  49620
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Query  49621  gaggttgaatgagtggaaattttgtttttttttttttCTGGAAGCGAGGTTCAAAAAGAGG  49680
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Query  58861  GATCGCGCGCAAGATCGCAGGCTGGCACGCTAGCGGGTTAGCAAGAGGGCACGAGTGCGG  58920
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Sbjct  58861  GATCGCGCGCAAGATCGCAGGCTGGCACGCTAGCGGGTTAGCAAGAGGGCACGAGTGCGG  58920

Query  58921  GATCTTTTCGTCTTTCGTGAGCGGGAGTGGGTGCCGGCTAGCCAGTTAGCAAGAGGGCAC  58980
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  58921  GATCTTTTCGTCTTTCGTGAGCGGGAGTGGGTGCCGGCTAGCCAGTTAGCAAGAGGGCAC  58980

Query  58981  GAGttttttttATGTTTTGGTGAGCGGGAGTGTTAGAGGGATCGATCGCGGGCACGAGT  59040
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  58981  GAGTTTTTTTTTATGTTTTGGTGAGCGGGAGTGTTAGAGGGATCGATCGCGGGCACGAGT  59040

Query  59041  GGGTGCCTGATCGCGGGCTGGCGTGTCGGCGtttttttttattttttGGTGAGCGGGAGT  59100
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  59041  GGGTGCCTGATCGCGGGCTGGCGTGTCGGCGTTTTTTTTTATTTTTTGGTGAGCGGGAGT  59100

Query  59101  GTTAGAGGGATCGATCGCGGGCACGAGTGGTTGATCGCAAGCTAGCGGGATAGATAGTCG  59160
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  59101  GTTAGAGGGATCGATCGCGGGCACGAGTGGTTGATCGCAAGCTAGCGGGATAGATAGTCG  59160

Query  59161  GCGTTTTTGACTTTTCGTGAGCGGGAGTGGTAGACGGATAGAGTGCGGGCAGGGGTGCCG  59220
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  59161  GCGTTTTTGACTTTTCGTGAGCGGGAGTGGTAGACGGATAGAGTGCGGGCAGGGGTGCCG  59220

Query  59221  GCAGGCGGGTTGGATAGTGCGCCGGCATGCGGGGGTGCCGGCAGGCGGTTTTCAATTTGT  59280
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  59221  GCAGGCGGGTTGGATAGTGCGCCGGCATGCGGGGGTGCCGGCAGGCGGTTTTCAATTTGT  59280

Query  59281  GGGTGCGGGATCGCAGGCCGGCACGCTGGAGTGCGGGGTTGATCGCAAGCTAGCGGGATA  59340
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  59281  GGGTGCGGGATCGCAGGCCGGCACGCTGGAGTGCGGGGTTGATCGCAAGCTAGCGGGATA  59340

Query  59341  GATAttttttttATAATTGTGGGGGCACGCCTGCTGGCACGCGTGCATGCGGGCGTGTGG  59400
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  59341  GATATTTTTTTTATAATTGTGGGGGCACGCCTGCTGGCACGCGTGCATGCGGGCGTGTGG  59400

Query  59401  GACTGCTAGCGGGATTGAGTGCCGGCAAGCACGTGCGCCGGCATGAGTGCGGGATCttt  59460
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Sbjct  59401  GACTGCTAGCGGGATTGAGTGCCGGCAAGCACGTGCGCCGGCATGAGTGCGGGATCTTTT  59460

Query  59461  ttttGCGTTTTTGTTAGCAAGCAGGATTGCTGGATCGCGGGGTAGAGTGATCGCCGGCAC  59520
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Sbjct  59461  TTTTGCGTTTTTGTTAGCAAGCAGGATTGCTGGATCGCGGGGTAGAGTGATCGCCGGCAC  59520

Query  59521  GCGAGGGAttttttttAACGTTTAGGTCGCGGGCATGCGGGCTGGATAGCGGGTTGGCTA  59580
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Sbjct  59521  GCGAGGGATTTTTTTTAACGTTTAGGTCGCGGGCATGCGGGCTGGATAGCGGGTTGGCTA  59580

Query  59581  GAGTGTTAGAGTGACTTTTTATGTTTTTGTGTGCGGGCTGGCTAGAGTGCCGGAGCGCTG  59640
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Sbjct  59581  GAGTGTTAGAGTGACTTTTTATGTTTTTGTGTGCGGGCTGGCTAGAGTGCCGGAGCGCTG  59640

Query  59641  GAGTGCGGGTTGGCTAGAGTGTTAGAGTGACttttttttttACCCTTTGGTGAGCGGGAGT  59700
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Sbjct  59641  GAGTGCGGGTTGGCTAGAGTGTTAGAGTGACTTTTTTTTTTACCCTTTGGTGAGCGGGAGT  59700

Query  59701  GTGCGCCGGCATGCGGGTTGGAGTGAGTGATCGCCGGCTCGAGGGAGTGCGGGATAGGGA  59760
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  59701  GTGCGCCGGCATGCGGGTTGGAGTGAGTGATCGCCGGCTCGAGGGAGTGCGGGATAGGGA  59760

Query  59761  tttttttttGAGTTGTGGTAGCGGGCTGGATCGCTAGCCTGGTTGCTGGAGTGCCTGGGA  59820
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  59761  TTTTTTTTTGAGTTGTGGTAGCGGGCTGGATCGCTAGCCTGGTTGCTGGAGTGCCTGGGA  59820

Query  59821  TTTTGACTTTTTGTTAGATCGCGGGCTGGAGTGCGGGTTGGCTAGAGTGTTAGAGTGACT  59880
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  59881   GGGATTTTTGCTTTTCGTGAGCGGGAGTGTAGGCAAGCGTGAGGGCATGCGGGTCTGCTG  59940
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Sbjct  59881   GGGATTTTTGCTTTTCGTGAGCGGGAGTGTAGGCAAGCGTGAGGGCATGCGGGTCTGCTG  59940

Query  59941   GCACGCGTGCATGCGGGGGAttttttttttCTTTTGTTGGCTAGAGTGCCGGAGCGCTG  60000
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Sbjct  59941   GCACGCGTGCATGCGGGGGATTTTTTTTTTTCTTTTGTTGGCTAGAGTGCCGGAGCGCTG  60000

Query  60001   GAGTGCGGGTTGGCTAGAGTGTTAGAGTGACttttttttACAGTTTGGTATGCAAGCTG  60060
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Sbjct  60001   GAGTGCGGGTTGGCTAGAGTGTTAGAGTGACTTTTTTTTTACAGTTTGGTATGCAAGCTG  60060

Query  60061   GCGTGTCGGCTAGCAAGCACGGGATTTTTATGTTTTGTTAGCCTGCTGGATCGTACGCGG  60120
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Sbjct  60061   GCGTGTCGGCTAGCAAGCACGGGATTTTTATGTTTTGTTAGCCTGCTGGATCGTACGCGG  60120

Query  60121   GACTGAGTGGGATTTTCGATTTTTGTGTGCGGGCGCGGGAGCCGGCACGCGTGCAAGAGA  60180
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Sbjct  60121   GACTGAGTGGGATTTTCGATTTTTGTGTGCGGGCGCGGGAGCCGGCACGCGTGCAAGAGA  60180

Query  60181   GGTTGATCGCAAGCTAGGGAttttttttttgttttttGGTGAGCGGGAGTGTTAGCATGCTG  60240
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Sbjct  60181   GGTTGATCGCAAGCTAGGGATTTTTTTTTTGTTTTTTGGTGAGCGGGAGTGTTAGCATGCTG  60240

Query  60241   GATAGATAGTATGCAAGCACGCGAGGGATTTTTGTCTTTGGTGAGCGGGAGTGTTAGCAT  60300
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  60241   GATAGATAGTATGCAAGCACGCGAGGGATTTTTGTCTTTGGTGAGCGGGAGTGTTAGCAT  60300

Query  60301   GCTGGATAGATAGTACGCTGGCAGGCGGGGGATTTTCTACTTTGGTGAGCGGGAGTGGGA  60360
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Sbjct  60301   GCTGGATAGATAGTACGCTGGCAGGCGGGGGATTTTCTACTTTGGTGAGCGGGAGTGGGA  60360

Query  60361   GCCGGCACGCGTGCAAGAGATTTTCGGCTTTGGTGAGCGGGAGTGGGAGCCGGCACGCGT  60420
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  60361   GCCGGCACGCGTGCAAGAGATTTTCGGCTTTGGTGAGCGGGAGTGGGAGCCGGCACGCGT  60420

Query  60421   GCAAGAGAGTATGCAAGCACGCGAGGGAttttttttATGTTTTCGGTAGCGGGAGTGGGA  60480
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Query  60481   GCCGGCACGCGTGCAAGAGAGTATGCAAGCACGCGAGGGAttttttttCTGTTTTCGGTA  60540
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Sbjct  60541   GCGGGAGTGTTAGCATGCTGGATAGATAGTATGCAAGCACGCGAGGGATTTTGCACTTTT  60600

Query  60601   GTTAGATCGCGGGCTGGAGTGCGGGGGAGCCGGCACGCGTGCAAGAGAGTGGGACTGGGA  60660
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Query  60661   TTTTGTACTTTCGGTCGCGGGCGAGCCGGATAGAGTGCGGGATCGTTAGCATGCTGGATA  60720
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Query  60721   GATAGGGAttttttttACCATTTGGTATGCAAGCTGGCGTGTTAGAGGGATCGATAGCAA  60780
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Query  60781   GATCGGGATTTTAACCTTTGGTATGCAAGCTGGCGTGGTAGAGTGATCGCCGGCACGCGA  60840
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Query  60841   GGGATTTTTGGGTTTCGTAGGCGGGATAGATAGCTGGCGAGCGGGTTCGCAAGACTGGGA  60900
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Query  60901   TTTTCCGCTTTTGTGTGCGGGATAGAGTGATCGCAAGACGGGGAGCCGGCACGCGTGCAA  60960
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Query  60961   GAGATTTTATCGTTGTGCCGGATAGAGAGCTGGCATGATTGCCTGCTGttttttttGCCG  61020
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Query  61021   TTGTGGAAGAGAGAGTGCAAGCCGTTTTGGTGTTGGGAGAGCTAGATAGCTAGCCTGATC  61080
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Query  61081   ttttttttACTGTTTTGGAAGGAAGAGAGCGAGCGGGAGTGCAGGCTGGCCGGCACGCTG  61140
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Query  61141   GATCGCGAGATAttttttttACACTTGTGCAGGCGGGCAGGATAGCGGGAGtttttttt  61200
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Query  61201   ATACTTTAGGAAGAGCGATAGCACGAGAGATTGATCGCCGGCACGAGTGCGCTTTTAGTC  61260
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Sbjct  61201   ATACTTTAGGAAGAGCGATAGCACGAGAGATTGATCGCCGGCACGAGTGCGCTTTTAGTC  61260

Query  61261   TTTTGGAAGGAAGATAGCGGGAGTGGAAGCTGGATTGATTGGAAGAGTGACGGATTGCGG  61320
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Query  61441   GCATGCGGGATCTAGTGGAAGCTAGCAAGCAGGCAGGCAAGCACTTTTTAGATTTTTAAA  61500
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Sbjct  61441   GCATGCGGGATCTAGTGGAAGCTAGCAAGCAGGCAGGCAAGCACTTTTTAGATTTTTAAA  61500

Query  61501   GAGTGCGGGATCGCAGGCCGGCACGCTGGAGTGCGGGTTTGTTTGGCGGTTGGGCTGGCT  61560
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Sbjct  61501   GAGTGCGGGATCGCAGGCCGGCACGCTGGAGTGCGGGTTTGTTTGGCGGTTGGGCTGGCT  61560
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Query  61561  GGCCTTTTCAACTTTTGGAAGGAAGATTGGAAGGAAGCGCGCAGGCAAGCGTGCGGtttt  61620
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Query  61921  GCGGGACTGCCGGAGtttttttttGCCCTTTTGGAAGGCTGCTAGATTGAGTGTGCGCCG  61980
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Query  61981  GCATGAGTGCGGGATCTTTTGCTCTTTGGGAAGCGGGACTGCCGGAGTTTTTTGGTTTTG  62040
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Query  62041  GGAAGCTAGCGGGACTGCCGGAGtttttttttGTCTTTTGTCGGCAGGCTGGCGAGCGG  62100
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Query  62101  GTGTGCCGGATCGCGGGCTAGAGTGCAAGATCGACGGTGGGCACGAGTGATCGACGGGGT  62160
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Query  62281  GATAGGGTGCAAGCCAGCGGGCACtttttttttAAGTTTTGGTACGAGTGGTAGCGGGAGT  62340
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Query  62341  GTCGGCACGCGCGCAAGATCGCAGGCTGGAGTGCCGGCAAGCACGGGTGCAAGCCAGCGG  62400
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Query  62401  GCACTTTTCTATTTTAGGTCGAGTGCATGTCGGCAGGCTGGCGAGCGGGTACGAGTGTCT  62460
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Query  62641  GCAAGATCGCAGGCTGGAGTGCCGGCAAGCACGGGTGCAAGCCAGCGGGCACTTTTCGTT  62700
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Query  62941  CACAGGTCGGTAGTGTGGTACTGATTATCCACACAATCCTTTATACAGGTGCCAGCTACA  63000
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Query  63001  CGCCGATCGAGTATAGGGTTGTTCTTTCtttttttttttttGATCGAGGGCACGCGTGCAT  63060
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Query  63061  GCATTATATATCTCACGATTGCGTGCTCtttttttttttttttttttttttttttttttt  63120
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Query  63181  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  63240
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Sbjct  63181  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  63240
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Query  63241  tttttt
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Query  64921  ttttttt
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Query  66601  tttttt
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Query  68281  tttgttttgcgtttttttttttttatctttgttttctttttttttttttttttttttt  68340
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  68281  TTTGTTTTGCGTTTTTTTTTTTTATCTTTTGTTTTCTTTTTTTTTTTTTTTTTTTTTT  68340

Query  68341  tttttttttttttttttttttttttttttttttttttgtttttttgtttttttttttt  68400
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  68341  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGTTTTTTTGTTTTTTTTTTTT  68400

Query  68401  actttttgttttctttttttttttttttttttttttttttttttttttttttttttt  68460
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  68401  ACTTTTTGTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  68460

Query  68461  tttttttttttttttctttttttgtttttttttttttaacttttgttttctttttgatttt  68520
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  68461  TTTTTTTTTTTTTTTCTTTTTTTGTTTTTTTTTTTTTAACTTTTGTTTTCTTTTTGATTTT  68520

Query  68521  ttttttttttgtttttctttttctttttttttttttttttttttttttttttttttttt  68580
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  68521  TTTTTTTTTGTTTTTCTTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  68580

Query  68581  tttttttttttttttttttttttgtttttttcgttgttttttttttcctttttttttttt  68640
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Sbjct  68581  TTTTTTTTTTTTTTTTTTTTTTTTGTTTTTTTCGTTGTTTTTTTTTTCCTTTTTTTTTTT  68640

Query  68641  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttg  68700
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  68641  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTG  68700

Query  68701  tttttttcgttgttttttttttttacttttttttttttttttttttttttttttttttttttttt
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Query  69961   ttttttttttttttttttttttttccctgcactttttttcccttttactttttttttttt  70020
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Sbjct  69961   ttttttttttttttttttttttttCCCTGCACTTTTTTTCCCTTTACTTTTTTTTTTTT  70020

Query  70021   ttttttttttttttttttttttttttggttgaagtttttttcccttttctttttttttt  70080
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Sbjct  70021   ttttttttttttttttttttttttttGGTTGAAGTTTTTTTCCCTTTCTTTTTTTTTTT  70080

Query  70081   ttttttttttttttttttttttttttttttaactctggttttttttgcctttggtttt  70140
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Sbjct  70081   ttttttttttttttttttttttttttttttAACTCTGGTTTTTTTGCCTTTGGTTTT  70140

Query  70141   ttttttttttttttttttttttttttttttttttgcttctcattttttttcccttcgg  70200
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Sbjct  70141   ttttttttttttttttttttttttttttttttttGCTTCTCATTTTTTTCCCTTCGG  70200

Query  70201   ttttttttttttttttttttttttttttttttttttttctcatgttttttttccct  70260
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  70201   ttttttttttttttttttttttttttttttttttttttCTCATGTTTTTTTCCCT  70260

Query  70261   tgttttttttttttttttttttttttttttttttttttttcattattgttttttttt  70320
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  70261   TGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCATTATTGTTTTTTTT  70320

Query  70321   gcctttgtttttttttttttttttttttttttttttttttttttttgctatgctttt  70380
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  70321   GCCTTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGCTATGCTTTT  70380

Query  70381   ttttgagctttttttttttttttttttttttttttttttttttttttcgttgcgg  70440
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  70381   TTTTGAGCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCGTTGCGG  70440

Query  70441   tttttttccttttattttttttttttttttttttttttttttttttttttttt
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Query  71641  TCTTTCTTTCTTGCACGCTGGCAGGCGGTAAGTCTCGTAGGCCGGCTAGATCGCAAGATA  71700
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Sbjct  71641  TCTTTCTTTCTTGCACGCTGGCAGGCGGTAAGTCTCGTAGGCCGGCTAGATCGCAAGATA  71700

Query  71701  GCAAGCGCGAGTTCACGGGAGCCGGCACGCGTGCAAGAGAGATATCACGGTAGCCTGCGG  71760
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Sbjct  71701  GCAAGCGCGAGTTCACGGGAGCCGGCACGCGTGCAAGAGAGATATCACGGTAGCCTGCGG  71760

Query  71761  GCATGCATTCACGATCGAGGGCACGCGTGCATGCATTATATATCTCTCTTAGTTCCTCTT  71820
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Query  71821  TCTTTCTTTCTTGATTGATCGCAAGCTAGCGGGATAGATAGCAAGATCGTTGGATCGCTA  71880
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Query  71881  GCCTGCCGGAGTGCGGGCTAGAGTGAGGGATCGCGGTAAGTCTCGACTTACTTAGCTCTC  71940
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  71881  GCCTGCCGGAGTGCGGGCTAGAGTGAGGGATCGCGGTAAGTCTCGACTTACTTAGCTCTC  71940

Query  71941  TTAGTTCCTCTTTCTTTCTTTCTTGAGCGCGGGATCGATAGCCGGCAAGCACTAAGTCTC  72000
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Sbjct  71941  TTAGTTCCTCTTTCTTTCTTTCTTGAGCGCGGGATCGATAGCCGGCAAGCACTAAGTCTC  72000

Query  72001  TAGGTCACTATGTCACTATTTCACTATTTCTCTTAGTTCCTCTTTCTTTCTTTCTTGAGT  72060
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Sbjct  72001  TAGGTCACTATGTCACTATTTCACTATTTCTCTTAGTTCCTCTTTCTTTCTTTCTTGAGT  72060

Query  72061  GACGGATTGCGGTAAGTCTCGAGAGCCGGCACTATATATCTCTCTCAATAACTTAGTTCC  72120
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Sbjct  72061  GACGGATTGCGGTAAGTCTCGAGAGCCGGCACTATATATCTCTCTCAATAACTTAGTTCC  72120

Query  72121  TAATGCGTGCGGGATAGCTAGATCGCCGGATTGAGTGCCGGCAAGCACTAACGGTCGAGG  72180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  72121  TAATGCGTGCGGGATAGCTAGATCGCCGGATTGAGTGCCGGCAAGCACTAACGGTCGAGG  72180

Query  72181  GCACGCGTGCATGCATTATATATCTAATTCAAGCGTGCGGGATAGCTAGATCGCCGGATT  72240
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Sbjct  72181  GCACGCGTGCATGCATTATATATCTAATTCAAGCGTGCGGGATAGCTAGATCGCCGGATT  72240

Query  72241  GAGTGCCGGCAAGCACTAACTTAGTTCCTAATGAGTGATCGAGGGATAGAGTGTCGGCAC  72300
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Sbjct  72241  GAGTGCCGGCAAGCACTAACTTAGTTCCTAATGAGTGATCGAGGGATAGAGTGTCGGCAC  72300

Query  72301  GCGCGCAATCTTGACTGCAGGCATGCACGATATAAGTCTCGAGGGATCGCACTACCGATA  72360
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Query  72361  GCTAGCCTGCGGGCAGGCTGGATATCAGGCAGGCCGGCTAGATCGCAAGATAGCAAGCGC  72420
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Sbjct  72361  GCTAGCCTGCGGGCAGGCTGGATATCAGGCAGGCCGGCTAGATCGCAAGATAGCAAGCGC  72420

Query  72421  GAGTTCAGGCTAGCAAGCAGTACCGCTGGATAGCAGTCACGAGCTATATCTCTAACTTAG  72480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  72421  GAGTTCAGGCTAGCAAGCAGTACCGCTGGATAGCAGTCACGAGCTATATCTCTAACTTAG  72480

Query  72481  TTCCTCTTTCTTTCTTTCTTTAATGATAGCGGGCTAGAGGGATCGCCGGAGTGACGTAAC  72540
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Sbjct  72481  TTCCTCTTTCTTTCTTTCTTTAATGATAGCGGGCTAGAGGGATCGCCGGAGTGACGTAAC  72540

Query  72541  TTAGTTCCtctttctttctttctttctttctttctttAATGATCGCGGGATGGAGG  72600
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Sbjct  72541  TTAGTTCCTCTTTCTTTCTTTCTTTCTTTCTTTCTTTAATGATCGCGGGATGGAGG  72600

Query  72601  GCGGGATAGAGTGCGGGCGTGGTTGATCGCCGGAGCGCCGGCATGCGGGCGAGCGGGATA  72660
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Sbjct  72601  GCGGGATAGAGTGCGGGCGTGGTTGATCGCCGGAGCGCCGGCATGCGGGCGAGCGGGATA  72660

Query  72661  TAACTTAGTTCCtctttctttctttctttctttctttctttctttctttctttctttctt  72720
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Sbjct  72661  TAACTTAGTTCCTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTT  72720

Query  72721  tAATGATCGCGGGATGGAGGGCGGGATAGAGTGCGGGCGTGTGGGACTGCGGGCTAGAGG  72780
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Sbjct  72721  TAATGATCGCGGGATGGAGGGCGGGATAGAGTGCGGGCGTGTGGGACTGCGGGCTAGAGG  72780

Query  72781  GAGTGCCGGCAAGCACGTATGCGGGAGCGCGGGCATTCTTGCATGCGGGAGCGCGGGCAT  72840
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  72841  TAAGTCTCGCTGGATAGTCGGCACGAGCGCAAGCCAGCGGGATCTCTCTCTTGAGGGCCG  72900
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Sbjct  72841  TAAGTCTCGCTGGATAGTCGGCACGAGCGCAAGCCAGCGGGATCTCTCTCTTGAGGGCCG  72900

Query  72901  GTTGGCTAGCTAGCGGGATAGATATAAGTCTCGCGCGCTGGCATGATAGCGGTCTCTCAA  72960
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  72961  TAACTTAGTTCCtctttctttctttctttctttctttctttAATTCAAGATCGCGG  73020
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  73081  GCGGGATATAACTTAGTTCCTCTTTCTTTCTTTCTTTAATTCAAGATAGCGGGCTAGAGG  73140
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  73141  GATCGCCGGAGTGACGTAACTTAGTTCCTAATTCAAGAGTGATCGAGGGATAGAGTGTCG  73200
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Query  73201  GCACGCGCGCAATAACTTAGTTCCTAATTCAAGCTGGATAGATAGCGGGCAGGCTCGCAT  73260
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Query  73261  GACGTAACTTAGTTCCTTTTCCTTTTTATAGtttttttttttttgggctttggtatttt  73320
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Sbjct  73261  GACGTAACTTAGTTCCTTTTCCTTTTTATAGTTTTTTTTTTTTTGGGCTTTTGGTATTTT  73320
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Sbjct  73441  CAAGTTGTACAAAAACTTTTTTTTTTGTTTTTTTGTTTTTGCTTTTTTTGGTTTCATT  73500
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Query  73681  gagtttttgatcttttgccgttttgcacttttgcgattttgtgcttttgccgttttgcat  73740
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Query  73741  ttttgcggttttgtcgttttgcacttttgcgcttttgcaattttttttttttagcctttc  73800
Sbjct  73741  TTTTGCGGTTTTGTCGTTTTGCACTTTTGCGCTTTTGCAATTTTTTTTTTTTAGCCTTTC  73800
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Sbjct  74041  GATCTTTTGCAATTTTGATATTTTGCAATTTTGCGCTTTTGAGTTTTTTTTTTTTTGTTA  74100
Query  74101  ttttgcaattttgatcttttgatttttttgcaattttgatcttttgctgttttgagttttt  74160
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Sbjct  74401  GATATTTTTCTTTTTTGCCTTTTTGCAATTTTGATATTTTGAGTTTTTTCTTTTTTTGATT  74460
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Query  74521  tccttttttggtcttttgaggttttgcacttttgcgtttttgcattttttgcatttttttata  74580
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Query  74761  tcacttttttagattttttagcttttttattttttttattttttcactttttatgtttttagc  74820
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Query  74941  tttttacgttttttattttttagattttttatgtttttatattttttcagtttttatgtttt  75000
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Query  75001  tatctttttaggtttttaggttttccgtttttttttttttcactttttgatttttttg  75060
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Query  75061  ttttgtcgttttgcacttttgagtttttgcggttttgatcttttgcacttttgctgtttt  75120
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Query  75121  gcatttttgtacttttgctgttttgcagttttgcggtttttttttttgatcttttgagg  75180
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Query  75181  ttttgcacttttgcgtttttgcatttttgcatttttttttttttttttttttctttttt  75240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  84841   tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  84900
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Query  84901   tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  84960
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Query  84961   tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  85020
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Query  85021   tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  85080
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Query  85081  ttttttt
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Query  86761  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  86820
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Query  86821  ttttttttttttttttttttttttttgcacgcacgcacgcacgcacgcacgcacgcacgc  86880
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Query  86881  gcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcac  86940
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Sbjct  90661  GGCTGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGTAATTGT  90720

Query  90721  tgcatgcatgcatgcatgcatTAGTTAGtcactcactcactcactcactcactgattgat  90780
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Sbjct  90721  TGCATGCATGCATGCATGCATTAGTTAGTCACTCACTCACTCACTCACTGATTGAT  90780

Query  90781  tgattgattgattgattgattACCtcaatcaatcaatcaatcaatcaatcaatcaatGAC  90840
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Query  90961  tcactcactcactgattgattgattgattgattgattgattcaatcaatcaatcaatcaa  91020
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Query  91021  tcaatcaatcaatGACGGCAGGAGGGCTgcacgcacgcacgcacgcacgcacgcacgcac  91080
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Query  91321  tgcatgcatgcatTAGTTAGtcactcactcactcactcactcactcactgattgattgat  91380
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Query  94861  TTACTTAATGTTTCGCGGCTgcacgcacgcacgcacgcacgcacgcacgcacgcacgcac  94920
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Sbjct  94861  TTACTTAATGTTTCGCGGCTGCACGCACGCACGCACGCACGCACGCACGCACGCACGCAC  94920

Query  94921  gcacgcacgcacgcacTATGttttttttttttttttttttgattgattgattgattga  94980
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  94921  GCACGCACGCACGCACTATGTTTTTTTTTTTTTTTTTTTTGATTGATTGATTGATTGA  94980

Query  94981  ggtaggtaggtatgagtgagtgagtgagtgagtgagtgagtTATTTATTTATTTATTACG  95040
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  94981  GGTAGGTAGGTATGAGTGAGTGAGTGAGTGAGTGAGTGAGTTATTTATTTATTTATTACG  95040

Query  95041  GTTGTGGCTGGATGGTTTACTCGGGGCTgcacgcacgcacgcacgcacgcacgcacgcac  95100
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95041  GTTGTGGCTGGATGGTTTACTCGGGGCTGCACGCACGCACGCACGCACGCACGCACGCAC  95100

Query  95101  gcacgcacgcacgcacgcacgcacgcacTATGttttttttttttttttttttttttttttt  95160
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95101  GCACGCACGCACGCACGCACGCACGCACTATGTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  95160
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Query  95161  ttgattgattgattgattgaggtatgagtgagtgagtgagtgagtgagtgagtgagtTAT  95220
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Sbjct  95161  TTGATTGATTGATTGATTGAGGTATGAGTGAGTGAGTGAGTGAGTGAGTGAGTGAGTTAT  95220

Query  95221  TTATTTATTTATGTCATTCATGTATGGATCGTGGCTgcacgcacgcacgcacgcacgcac  95280
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95221  TTATTTATTTATGTCATTCATGTATGGATCGTGGCTGCACGCACGCACGCACGCACGCAC  95280

Query  95281  gcacgcacgcacgcacgcacgcacgcacgcacgcacgcacTCTCtttttttttttttttt  95340
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95281  GCACGCACGCACGCACGCACGCACGCACGCACGCACGCACTCTCTTTTTTTTTTTTTTTT  95340

Query  95341  tttttttttttttttttgattgattgattgattgaggtaggtatgagtgagtgagtgag  95400
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95341  TTTTTTTTTTTTTTTTTGATTGATTGATTGATTGAGGTAGGTATGAGTGAGTGAGTGAG  95400

Query  95401  tgagtgagtgagtgagtTATTTATGTAGTTCGTGTCTCTAGGCTgcacgcacgcacgcac  95460
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95401  TGAGTGAGTGAGTGAGTTATTTATGTAGTTCGTGTCTCTAGGCTGCACGCACGCACGCAC  95460

Query  95461  gcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacTCTCtttt  95520
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Sbjct  95461  GCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACTCTCTTTT  95520

Query  95521  tttttttttttttttttttttttttttttttttttttgattgattgattgattgaggta  95580
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95521  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGATTGATTGATTGATTGAGGTA  95580

Query  95581  ggtatgagtgagtgagtgagtgagtgagtgagtTATGTTTTTCTTCGAGGCTgcacgcac  95640
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95581  GGTATGAGTGAGTGAGTGAGTGAGTGAGTGAGTTATGTTTTTCTTCGAGGCTGCACGCAC  95640

Query  95641  gcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcac  95700
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95641  GCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCAC  95700

Query  95701  gcacTCTGtttttttttttttttttttttttttttttttttttttttttttgcttgcttgc  95760
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95701  GCACTCTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGCTTGCTTGC  95760

Query  95761  ttgcttgcttgcttgcttgcttgcttgcGGTCGGTCTTGGTTGGTTGGGTTTTTCCGGCT  95820
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95761  TTGCTTGCTTGCTTGCTTGCTTGCTTGCGGTCGGTCTTGGTTGGTTGGGTTTTTCCGGCT  95820

Query  95821  gcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcac  95880
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  95821  GCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCAC  95880

Query  95881  gcacgcacgcacgcacTCTGTCCTTCCTTCTTTCCGTCCGTCCGTGAATCCCTCCCTCCC  95940
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Sbjct  95881  GCACGCACGCACGCACTCTGTCCTTCCTTCTTTCCGTCCGTCCGTGAATCCCTCCCTCCC  95940

Query  95941  TAGCTAGCTATTTATTTAGGTAGGTAGGTAAGTAAGTAAGTAACTAACTAACGTGAGTGA  96000
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Sbjct  95941  TAGCTAGCTATTTATTTAGGTAGGTAGGTAAGTAAGTAAGTAACTAACTAACGTGAGTGA  96000

Query  96001  GTTCGTCGgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcacgcac  96060
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Sbjct  96001  GTTCGTCGGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCACGCAC  96060

Query  96061  gcacaaaaaaaaaaaaaaaaaaaaaaaaaatttttttttaaaaaaaaaaaaaaaaaaaaaaaa  96120
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Sbjct  96061  GCACAAAAAAAAAAAAAAAAAAAAAAAAAATTTTTTTTAAAAAAAAAAAAAAAAAAAAAAAA  96120

Query  96121  ttttttttaaacttttttttttttttttttaaatttttttttaaatttttttttttttttttt  96180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  96121  TTTTTTTTAAACTTTTTTTTTTTTTTTTTTTAAATTTTTTTTAAATTTTTTTTTTTTTTTTT  96180

Query  96181  taaatttttttttaaatttttttttttttttttttaaatttttttttaaatttttttttttttttt  96240
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Sbjct  96181  TAAATTTTTTTTTAAATTTTTTTTTTTTTTTTTTTTAAATTTTTTTTAAATTTTTTTTTTTTTTTT  96240

Query  96241  tttttaaatttttttttaaatttttttttttttttttttaaatttttttttaaatttttttttttttttt  96300
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Sbjct  96241  TTTTTAAATTTTTTTTTAAATTTTTTTTTTTTTTTTTTTTAAATTTTTTTTAAATTTTTTTTTTTTTTTT  96300

Query  96301  tttttttttaaatttttttttttaaatttttttttttttttttttaaatttttttttttaaatttttttttttttttttt  96360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  96301  TTTTTTTTTAAATTTTTTTTTTAAATTTTTTTTTTTTTTTTTTTTAAATTTTTTTTTTAAATTTTTTTTTTTTTTTTT  96360

Query  96361  tttttttttttttttaaatttttttttttaaatttttttttttttttttttaaatttttttttttttaaaat  96420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  96361  TTTTTTTTTTTTTTTAAATTTTTTTTTTAAATTTTTTTTTTTTTTTTTTTTAAATTTTTTTTTTTTAAAT  96420

Query  96421  tttttttttttttttttttaaatttttttttaaatttttttttttttttttttttaaatttttttttttttttttttt  96480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  96421  TTTTTTTTTTTTTTTTTTTAAATTTTTTTTTTAAATTTTTTTTTTTTTTTTTTTTTTTTAAATTTTTTTTTTTTTTTTTTTT
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Query  96841   ttttttttttttttaaattttttttaaattttttttttttttttttaaattttttttaaat  96900
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Query  96901   ttttttttttttttttttaaattttttttaaattttttttttttttttttaaattttttttt  96960
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Query  96961   aaatttttttttttttttttttaaattttttttaaattttttttttttttttttttaaatttt  97020
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Query  97021   ttttaaattttttttttttttttttaaattttttttaaattttttttttttttttttttaaa  97080
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Query  97081   tttttttttaaattttttttttttttttttaaattttttttaaattttttttttttttttt  97140
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Query  97141   taaattttttttaaattttttttttttttttttaaattttttttaaattttttttttttttt  97200
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Sbjct  97141   TAAATTTTTTTTAAATTTTTTTTTTTTTTTTTTAAATTTTTTTTAAATTTTTTTTTTTTTTT  97200

Query  97201   tttttaaattttttttaaattttttttttttttttttaaattttttttaaattttttttt  97260
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Sbjct  97201   TTTTTAAATTTTTTTTAAATTTTTTTTTTTTTTTTTTAAATTTTTTTTAAATTTTTTTTT  97260

Query  97261   ttttttttaaattttttttaaattttttttttttttttttaaattttttttaaattttt  97320
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Query  97321   tttttttttttttaaattttttttaaattttttttttttttttttgaaattttttttaaat  97380
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Query  97381   tttttttttttttttttaaaattttttttaaattttttttttttttttgaaaattttttttt  97440
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Query  97441   aaatttttttttttttttttaaaaattttttttaaattttttttttttttttgaaaaatttt  97500
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Query  97501   ttttaaattttttttttttttttaaaaaattttttttaaattttttttttttttttgaaaaaa  97560
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Query  97561   tttttttttaaattttttttttttttttaaaaaaattttttttttcctttttttttttttttctt  97620
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Query  97621   tttttttttttttgttttttttttttttttttgttttttctttttttttttttttttttttt  97680
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Query  97681   ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  97740
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Query  97741   tttttttttttttttttttttaaaaaaaaaaaaatttttaaaaaaaacaaagttttaaagaaag  97800
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Query  97801   aaagttttaaaaaaagaaattttttaaataaataacattttaaaaaaataacgttttaaaa  97860
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Query  97861   aaataactttttaacaaacaaacattttaaacaacaaagattttaaaaaaaccaagctttt  97920
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Sbjct  97921   AACGAACGAACGTTTTAAAAAACGAAGGTTTTAAACAACGAAGTTTTTAAGAAACTAAGA  97980

Query  97981   ttttaaaaaactaatattttaaacaactaatattttaaacaactaatcttttaaaaaaga  98040
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Query  98041   aatgttttAAGCAAGCAAGCTTTTaaacaagaaatgttttaaggaagcaagcttttaaac  98100
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Query  98101   aagaaatttttttaaacaagcaatttttttaaacaagcacaattttaaacaaggacaatttt  98160
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Query  98281   ACCATTTTAAAGAAGTACCATTTTAATGAATCAATCTTTTAAACAATAACCCTTTTAAAG  98340
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Query  98461   ttttaaaCAATGACGATTTTAAACAATGACGCTTTTAAAGAATGACGGTTTTAAAGAATT  98520
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Sbjct  98461   TTTTAAACAATGACGATTTTAAACAATGACGCTTTTAAAGAATGACGGTTTTAAAGAATT  98520
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Query  98521   ACGCTTTTACACACACACAATTTTAAAGAATTACGGTTTTAAAGAATTACGtttttaaag  98580
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Query  98701   ttttaaagacacactgttttttttttttttttttttAAAGACAGACTGTTTTAAAGACAG  98760
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Query  98761   ACTTTTTTACCCACCAACCCTTTTAAAGACAGAGAATTTTAAAGACATAGAATTTTAAAG  98820
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Query  98941   TTTTAAAGACCAAGCATTTTAAAGACCCAGCATTTTAAATACCCAGCATTTTAAAGACCC  99000
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Query  99001   AGCCTTTTAAATACCCAGCCTTTTAAAGACCCAGCGTTTTACGCACGAACGATTTTAAAG  99060
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Sbjct  99001   AGCCTTTTAAATACCCAGCCTTTTAAAGACCCAGCGTTTTACGCACGAACGATTTTAAAG  99060

Query  99061   ACCGAGCGTTTTAAATACCGAGCGTTTTAAAGACCGAGCTTTTTAAAGACCGAGGATTTT  99120
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Sbjct  99061   ACCGAGCGTTTTAAATACCGAGCGTTTTAAAGACCGAGCTTTTTAAAGACCGAGGATTTT  99120

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Query  99181   TTTTAAATACCTAGGCTTTTAAATACGAAGGATTTTAAAGACGAAGGCTTTTAAATACGA  99240
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Query  99241   AGGCTTTTAAATACGAAGGGTTTTACTAACGTACGTTTTTAAATACGAAGGTTTTTAAAT  99300
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Sbjct  99241   AGGCTTTTAAATACGAAGGGTTTTACTAACGTACGTTTTTAAATACGAAGGTTTTTAAAT  99300

Query  99301   ACGCAGGGTTTTAAATACGAAGTATTTTAAACACGAAGTCTTTTAAATACGCAGGTTTTT  99360
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99301   ACGCAGGGTTTTAAATACGAAGTATTTTAAACACGAAGTCTTTTAAATACGCAGGTTTTT  99360

Query  99361   ACTCACTAACTATTTTAAATACGCAGTATTTTAAATACGCAGTCTTTTAAATACGGAGTA  99420
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99361   ACTCACTAACTATTTTAAATACGCAGTATTTTAAATACGCAGTCTTTTAAATACGGAGTA  99420

Query  99421   TTTTAAATACGGAGTCTTTTAAATACGGAGTGTTTTAACAACGGAGTgttttaaatacgt  99480
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99421   TTTTAAATACGGAGTCTTTTAAATACGGAGTGTTTTAACAACGGAGTGTTTTAAATACGT  99480

Query  99481   agtgttttaaatacgtagtttttttaacaacgtagtttttttaaatacgtataattttaaca  99540
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99481   AGTGTTTTAAATACGTAGTTTTTTAACAACGTAGTTTTTTAAATACGTATAATTTTAACA  99540

Query  99541   acgtataattttaacaactaagtttttttaaatactaataattttaaatactaatactttt  99600
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99541   ACGTATAATTTTAACAACTAAGTTTTTTAAATACTAATAATTTTAAATACTAATACTTTT  99600

Query  99601   aaatacgtatatttttaacaactaatacttttaaatactaataGTTTTAAATACTCATAC  99660
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99601   AAATACGTATATTTTTAACAACTAATACTTTTAAATACTAATAGTTTTAAATACTCATAC  99660

Query  99661   TTTTAAATACTCATAGTTTTAACAACTCATAGTTTTAAATACTCATATTTTTAACAACTC  99720
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99661   TTTTAAATACTCATAGTTTTAACAACTCATAGTTTTAAATACTCATATTTTTAACAACTC  99720

Query  99721   ATATTTTTAACAACTCATCATTTTAAATACTGATATTTTTAAATACTGATCATTTTAACA  99780
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99721   ATATTTTTAACAACTCATCATTTTAAATACTGATATTTTTAAATACTGATCATTTTAACA  99780

Query  99781   ACTGATCATTTTAACAACTGATCCTTTTAACGACTGATCCTTTTAAATACTTATCCTTTT  99840
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99781   ACTGATCATTTTAACAACTGATCCTTTTAACGACTGATCCTTTTAAATACTTATCCTTTT  99840

Query  99841   AACaacttatccttttaaatacttatcgttttaacaacttatcgttttaacaacttatct  99900
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99841   AACAACTTATCCTTTTAAATACTTATCGTTTTAACAACTTATCGTTTTAACAACTTATCT  99900

Query  99901   ttttaacaagaaatctttttaacaaGAAATGATTTTAACAAGAAATGCTTTTAACAAGAC  99960
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99901   TTTTAACAAGAAATCTTTTTAACAAGAAATGATTTTAACAAGAAATGCTTTTAACAAGAC  99960

Query  99961   ATGATTTTAACAAGACATGCTTTTAACAAGACATGGTTTTAAGCAGAGATGATTTTAACA  100020
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  99961   ATGATTTTAACAAGACATGCTTTTAACAAGACATGGTTTTAAGCAGAGATGATTTTAACA  100020

Query  100021  AGAGATGGTTTTAACAAGAGATGTTTTTAACAAGAGATTATTTTAAGTAGATATGATTTT  100080
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100021  AGAGATGGTTTTAACAAGAGATGTTTTTAACAAGAGATTATTTTAAGTAGATATGATTTT  100080

Query  100081  AACAAGATATTATTTTAACCAGATATTATTTTAACAAGATATTCTTTTAACCAGATATTC  100140
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100081  AACAAGATATTATTTTAACCAGATATTATTTTAACAAGATATTCTTTTAACCAGATATTC  100140

Query  100141  ttttaacaagcaattgttttaacaagcaattttttaaccagcaattttttaatCAGCG  100200
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100141  TTTTAACAAGCAATTGTTTTAACAAGCAATTTTTTAACCAGCAATTTTTTAATCAGCG  100200
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Query  100201  ATGGTTTTAACAAGCCCAAATTTTAAAGAGCACACATTTTAACCAGCCCAACTTTTAACA  100260
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Sbjct  100201  ATGGTTTTAACAAGCCCAAATTTTAAAGAGCACACATTTTAACCAGCCCAACTTTTAACA  100260

Query  100261  AGCCCAAGTTTTAACAAGCGCAACTTTTAACCAGCGCAACTTTTAATTAGCTATTATTTT  100320
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100261  AGCCCAAGTTTTAACAAGCGCAACTTTTAACCAGCGCAACTTTTAATTAGCTATTATTTT  100320

Query  100321  AACCAGCGCAAGTTTTAACAAGCTCAATTTTTAACCAGCTCAATTTTTAACCAGCTCACA  100380
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100321  AACCAGCGCAAGTTTTAACAAGCTCAATTTTTAACCAGCTCAATTTTTAACCAGCTCACA  100380

Query  100381  TTTTAACCAGCTCACCTTTTACACAGGCATTCTTTTAACCAGGACACCTTTTAACCAGGA  100440
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100381  TTTTAACCAGCTCACCTTTTACACAGGCATTCTTTTAACCAGGACACCTTTTAACCAGGA  100440

Query  100441  CACGTTTTAACCAGGACACTTTTTAACCAGGCCACGTTTTAAAGAGTCCAAATTTTAACC  100500
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100441  CACGTTTTAACCAGGACACTTTTTAACCAGGCCACGTTTTAAAGAGTCCAAATTTTAACC  100500

Query  100501  AGGCCACTTTTTAACCAGGACAGCTTTTAACCAGGCCAGATTTTACATAGGTAttttttt  100560
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100501  AGGCCACTTTTTAACCAGGACAGCTTTTAACCAGGCCAGATTTTACATAGGTATTTTTTT  100560

Query  100561  AACCAGGGCACTTTTTAACCAGGGCAGCTTTTAACGAGGGCAGCTTTTAAGCAGGGCAGG  100620
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100561  AACCAGGGCACTTTTTAACCAGGGCAGCTTTTAACGAGGGCAGCTTTTAAGCAGGGCAGG  100620

Query  100621  TTTTAACCAGGTCAGGTTTTAACCAGGTCATATTTTACCGAGTGCAACTTTTAACCAGTA  100680
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100621  TTTTAACCAGGTCAGGTTTTAACCAGGTCATATTTTACCGAGTGCAACTTTTAACCAGTA  100680

Query  100681  CATATTTTAACGAGTACATCTTTTAAACAGGGCCATTTTTAAGTAGTCCAGTTTTTAACG  100740
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100681  CATATTTTAACGAGTACATCTTTTAAACAGGGCCATTTTTAAGTAGTCCAGTTTTTAACG  100740

Query  100741  AGTCCATTTTTTAACCAGTGCCACTTTTAATGAGTTCATCTTTTACGCATAGCACATTTT  100800
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Sbjct  100741  AGTCCATTTTTTAACCAGTGCCACTTTTAATGAGTTCATCTTTTACGCATAGCACATTTT  100800

Query  100801  ACACAGTGCATTTTTTACAGAGTTCCAATTTTACGTATATCACGTTTTAAAAAGCTCGGC  100860
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100801  ACACAGTGCATTTTTTACAGAGTTCCAATTTTACGTATATCACGTTTTAAAAAGCTCGGC  100860

Query  100861  TTTTACAAATAGCATGTTTTACTCATCCCACGTTTTACAGATATCCAATTTTACATATCC  100920
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100861  TTTTACAAATAGCATGTTTTACTCATCCCACGTTTTACAGATATCCAATTTTACATATCC  100920

Query  100921  CCACTTTTAGAAATGACAGATTTTAGACATGCCAGCTTTTACCCATGACCATTTTTAAAA  100980
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  100921  CCACTTTTAGAAATGACAGATTTTAGACATGCCAGCTTTTACCCATGACCATTTTTAAAA  100980

Query  100981  ATATCGCGTTTTAGATATGTCAGTTTTTACCAATGACCCTTTTTACGAATGTCCCATTTT  101040
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Sbjct  100981  ATATCGCGTTTTAGATATGTCAGTTTTTACCAATGACCCTTTTTACGAATGTCCCATTTT  101040

Query  101041  AGCCATTCCATATTTTACGCATTCCCCGTTTTAGCTATTTCATCTTTTAAAAATACCTGG  101100
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  101041  AGCCATTCCATATTTTACGCATTCCCCGTTTTAGCTATTTCATCTTTTAAAAATACCTGG  101100

Query  101101  TTTTACGTATTGCCCTTTTTAGGCCAACCATTTTTTACTCATTTCCGCTTTTACCAATTT  101160
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Sbjct  101101  TTTTACGTATTGCCCTTTTTAGGCCAACCATTTTTTACTCATTTCCGCTTTTACCAATTT  101160

Query  101161  CGACTTTTAAGACATACATATTTTAGTACACACCAATTTTAGAACAAGCCGGTTTTAGAT  101220
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Sbjct  101161  CGACTTTTAAGACATACATATTTTAGTACACACCAATTTTAGAACAAGCCGGTTTTAGAT  101220

Query  101221  CACACCGTTTTTAGTTCACTCCATTTTTATACCAGACCCATTTTAAGACCATCCATTTTT  101280
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  101221  CACACCGTTTTTAGTTCACTCCATTTTTATACCAGACCCATTTTAAGACCATCCATTTTT  101280

Query  101281  ATATCAGGCCCGTTTTATCGCATCCCCTTTTTATAGCATGCCCTTTTTACGGCAGCCGTG  101340
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  101281  ATATCAGGCCCGTTTTATCGCATCCCCTTTTTATAGCATGCCCTTTTTACGGCAGCCGTG  101340

Query  101341  TTTTAAGCCCTGCCTCTTTTAAAACAAGGCTTTTTTAGGGCCGGCGCGTTTTATATCCAG  101400
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Sbjct  101341  TTTTAAGCCCTGCCTCTTTTAAAACAAGGCTTTTTTAGGGCCGGCGCGTTTTATATCCAG  101400

Query  101401  CTCCTTTTAACTCGCCCGCCTTTTAGTGCCTACGTATTTTAAACCAGGGGGTTTTTATAG  101460
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Sbjct  101401  CTCCTTTTAACTCGCCCGCCTTTTAGTGCCTACGTATTTTAAACCAGGGGGTTTTTATAG  101460

Query  101461  CGACCGTGTTTTATCGCGCGCTACTTTTATGACGCTCTAGTTTTAGCTCGGGCTCGTTTT  101520
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  101461  CGACCGTGTTTTATCGCGCGCTACTTTTATGACGCTCTAGTTTTAGCTCGGGCTCGTTTT  101520

Query  101521  CCCCCGCCCGTTTTTTATGCCGGCCTATTTTTATGGCGGGCTATTTTTAGGCCGTACTGA  101580
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Sbjct  101521  CCCCCGCCCGTTTTTTATGCCGGCCTATTTTTATGGCGGGCTATTTTTAGGCCGTACTGA  101580

Query  101581  TTTTAGGGCGTACTGCTTTTATTACGTACTATTTTTAGGACGTCCTGTTTTTATTACGTC  101640
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Sbjct  101581  TTTTAGGGCGTACTGCTTTTATTACGTACTATTTTTAGGACGTCCTGTTTTTATTACGTC  101640

Query  101641  CTCATTTTAGGCCTAACTTATTTTATCACGCGGATATTTTAGTTCGATGCCTTTTTACAC  101700
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Sbjct  101641  CTCATTTTAGGCCTAACTTATTTTATCACGCGGATATTTTAGTTCGATGCCTTTTTACAC  101700

Query  101701  CCTGGTGATTTTAAAACCCGTATGTTTTCACACTCCGCACTTTTAAATCCTCTCTCTTTT  101760
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Sbjct  101701  CCTGGTGATTTTAAAACCCGTATGTTTTCACACTCCGCACTTTTAAATCCTCTCTCTTTT  101760

Query  101761  ATCACTAAGGTATTTTACGACGGGTACTTTTTAGACCTCATAGCTTTTAGGGCTTCTAGG  101820
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  101761  ATCACTAAGGTATTTTACGACGGGTACTTTTTAGACCTCATAGCTTTTAGGGCTTCTAGG  101820

Query  101821  tttttttttttttttttttgcgcgcgcgcgcTTTTaaacaaacaaacaaacaaacaaac  101880
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Sbjct  101821  TTTTTTTTTTTTTTTTTTTTGCGCGCGCGCGCTTTTAAACAAACAAACAAACAAACAAAC  101880
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Query  101881  aaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaac  101940
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Query  101941  aaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaac  102000
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Sbjct  101941  AAACAAACAAACAAACAAACAAACAAACAAACAAACAAACAAACAAACAAACAAAC  102000
Query  102001  aaacaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  102060
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Query  102061  aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaacaaacaaacaaacaaac  102120
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  102061  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACAAACAAACAAACAAAC  102120
Query  102121  aaacaaacaCGGACTCACGAACCTACCGACCGACATACAGAATTaatcaatcaatc  102180
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Sbjct  102121  AAACAAACACGGACTCACGAACCTACCGACCGACATACAGAATTAATCAATCAATC  102180
Query  102181  aatcaatcaatcaatcaatcaatcaatcaatcaattacccaaaaaaacaaacaaac  102240
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Sbjct  102181  AATCAATCAATCAATCAATCAATCAATCAATCAATTACCCAAAAAAACAAACAAAC  102240
Query  102241  aaacaaacaaacaaacaGAcccccccccccccccccccccccccccccccccccccc  102300
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Sbjct  102241  AAACAAACAAACAAACAGACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC  102300
Query  102301  cccccccccccccccccccccccccccccccccccccccccccATCGacacaaaaaaacaaac  102360
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Sbjct  102301  CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCATCGACACAAAAAAACAAAC  102360
Query  102361  aaacaaacaaacaaacaaacaaacaGAGGCGTCTGTCTGCCTCCCTAGCGTCCGGGCGGC  102420
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Sbjct  102361  AAACAAACAAACAAACAAACAAACAGAGGCGTCTGTCTGCCTCCCTAGCGTCCGGGCGGC  102420
Query  102421  CGCGCCTTCCTCCCGACCCACATGCATACAGTCAGacacccacacacaccccacacaaaa  102480
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Sbjct  102421  CGCGCCTTCCTCCCGACCCACATGCATACAGTCAGACACCCACACACACCCCACACAAAA  102480
Query  102481  aaacaaacaaacaaacaaacaaacaaacaaacaGATGCGTGAACCTTCCTGCCTGACTCA  102540
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Sbjct  102481  AAACAAACAAACAAACAAACAAACAAACAGATGCGTGAACCTTCCTGCCTGACTCA  102540
Query  102541  CTACCGGTCGGACGCACGATCCTGCCGTCCGACCAACATTCATACAGCCAGCCACCCCCC  102600
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Query  102601  acaaaaaaaaacaaacaaacaaacaaacaaacaaacaaacaGCCGGACGAGGGAAGCTTG  102660
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Sbjct  102601  ACAAAAAAAAACAAACAAACAAACAAACAAACAAACAAACAGCCGGACGAGGGAAGCTTG  102660
Query  102661  CTGTCTGACTCACTACCGTGCGGACGGCCGACCCTGCCTACCGCCCCACCATCATACATA  102720
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Sbjct  102661  CTGTCTGACTCACTACCGTGCGGACGGCCGACCCTGCCTACCGCCCCACCATCATACATA  102720
Query  102721  CAGACCCCacaaaaaaaaacaaacaaacaaacaaacaaacaaacaaacaGCGGGGCGCAA  102780
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Query  102781  GAGGGACCGAACCTTACTGACTCCCTAGCTAACGGGCGGACGCACCTTCCTCCCGCCCCT  102840
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Sbjct  102781  GAGGGACCGAACCTTACTGACTCCCTAGCTAACGGGCGGACGCACCTTCCTCCCGCCCCT  102840
Query  102841  CCAGCATTCAGCCCCCacaaaaaaaaaacaaacaaacaaacaaacaaacaaacaaacaGGC  102900
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Query  102901  GGTTGCCCGCACGATGGAGAGAACCTTCCTGGCTCCCTAGCTAACGGTCGGGCGCGCGAG  102960
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Query  103081  CGGGCGGCCGCACCTGCCTACCGCCCCTCCCCacaaaaaaaaaacaaacaaacaaacaaac  103140
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Query  103141  aaacaaacaaacaGTCGTGAGGAGGCTAGCGGGCCGGATGGAGTGACGGAACCTGTCTGA  103200
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Query  103201  CTCCCTAGCTACCGTACGGCCGCGCGACCCTTCCGCCCCCacaaaaaaaaaacaaacaaac  103260
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Query  103321  GAAGCTGTCTGGCTGACTCCCTACCGTACGGGCGCGCGAGCCTCCCCCacaaaaaaaaac  103380
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Query  103441  GCAGGATGGAGTGACGGAAGCTTACTGACTCACTAGCGTCCGGTCGGCCGCGCCCCacaa  103500
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Query  103561  GGATGCTAGCGCGCCGGCAAGAGCGACGGAAGCTTCCTGGCTCCCTAGCTAACGGTCGGA  103620
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Query  103621  CCCCacaaaaaaaaacaaacaaacaaacaaacaaacaaacaaacaTGATACCGTTCGTCT  103680
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Query  103681  GTCCGGTGGGGAGGATGCTAGCGAGCCTGCATGCAAGAGGGACGCTTCCTGGCTGACTCC  103740
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  103681  GTCCGGTGGGGAGGATGCTAGCGAGCCTGCATGCAAGAGGGACGCTTCCTGGCTGACTCC  103740

Query  103741  CTACCGTGCCCCacaaaaaaaaacaaacaaacaaacaaacaaacaaacaaacaaacaTGCTATT  103800
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  103741  CTACCGTGCCCCACAAAAAAAAACAAACAAACAAACAAACAAACAAACAAACATGCTATT  103800

Query  103801  GTTTGTTAGTGTGTCGGTAGGGGAGGCGGGAGGCTGGCGAGCCGGATGGATCGACGGAAC  103860
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  103801  GTTTGTTAGTGTGTCGGTAGGGGAGGCGGGAGGCTGGCGAGCCGGATGGATCGACGGAAC  103860

Query  103861  CTTGCTGCCTCTCTCACCCCacaaaaaaaaaacaaacaaacaaacaaacaaacaaacaaac  103920
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  103861  CTTGCTGCCTCTCTCACCCCACAAAAAAAAAACAAACAAACAAACAAACAAACAAACAAAC  103920

Query  103921  aTTATCCATACGTAAGGTTGGTGTGTCCGTATGGTGGGGAGGATGCTAGCGAGCCGGCAT  103980
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  103921  ATTATCCATACGTAAGGTTGGTGTGTCCGTATGGTGGGGAGGATGCTAGCGAGCCGGCAT  103980

Query  103981  GATCGAGAGACACTTGCTGCCTCGCCCCacaaaaaaaaacaaacaaacaaacaaacaaac  104040
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  103981  GATCGAGAGACACTTGCTGCCTCGCCCCACAAAAAAAAAACAAACAAACAAACAAACAAAC  104040

Query  104041  aaacaaacaTTTTCTCTAGTTAGCTAAGGTTTGTTAGTGCGTCAGGTCGGTAGGCTGGAA  104100
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  104041  AAACAAACATTTTCTCTAGTTAGCTAAGGTTTGTTAGTGCGTCAGGTCGGTAGGCTGGAA  104100

Query  104101  GCTAGCCCGCCAGCACGACTGACGGAAACTGTCCCCacaaaaaaaaacaaacaaacaaac  104160
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  104101  GCTAGCCCGCCAGCACGACTGACGGAAACTGTCCCCACAAAAAAAAAACAAACAAACAAAC  104160

Query  104161  aaacaaacaaacaaacCAAGTCTCTCATTATGTAGCTACGTAACGTTAGTGTGTCCGTAC  104220
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  104161  AAACAAACAAACAAACCAAGTCTCTCATTATGTAGCTACGTAACGTTAGTGTGTCCGTAC  104220

Query  104221  GGTCGGCTGGAGGCTAGCGGGCCAGATTGATCGACTGAAGCCCCacaaaaaaaaacaaac  104280
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Sbjct  104221  GGTCGGCTGGAGGCTAGCGGGCCAGATTGATCGACTGAAGCCCCACAAAAAAAAAACAAAC  104280

Query  104281  aaacaaacaaacaaacaaacaaacCAGGTGACTCCGTCCCTCACTAGGTAGATACAGTTG  104340
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Sbjct  104281  AAACAAACAAACAAACAAACAAACCAGGTGACTCCGTCCCTCACTAGGTAGATACAGTTG  104340

Query  104341  GTTCGTCTGTACGGTGGGTCGGATGCTTGCGGGCCGGCATGATCGACTCCCCacaaaaaa  104400
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Sbjct  104341  GTTCGTCTGTACGGTGGGTCGGATGCTTGCGGGCCGGCATGATCGACTCCCCACAAAAAA  104400

Query  104401  aaacaaacaaacaaacaaacaaacaaacaaacCAGGTGCGTCTATCGCTCATTCAGTAGT  104460
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Sbjct  104401  AAACAAACAAACAAACAAACAAACAAACAAACCAGGTGCGTCTATCGCTCATTCAGTAGT  104460

Query  104461  TACTTACGGTTTGTTCGTCGGTCCGTAAGGGAGGCGGGAGGCTAGCCTGCCAGCACCCCC  104520
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  104461  TACTTACGGTTTGTTCGTCGGTCCGTAAGGGAGGCGGGAGGCTAGCCTGCCAGCACCCCC  104520

Query  104521  acaaaaaaaaacaaacaaacaaacaaacaaacaaacaaacCCACTGGTTGAGTCTGTCGC  104580
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Sbjct  104521  ACAAAAAAAAAACAAACAAACAAACAAACAAACAAACCCACTGGTTGAGTCTGTCGC  104580

Query  104581  TCCCTCAGTATGTAGCTACGTAAGGTTGGTGTGTATGTACgggggggTGGCAGCTAGCCT  104640
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Sbjct  104581  TCCCTCAGTATGTAGCTACGTAAGGTTGGTGTGTATGTACGGGGGGGTGGCAGCTAGCCT  104640

Query  104641  GcccccccacaaaaaaaaacaaacaaacaaacaaacaaacaaacaaacCCGGTGTCTGGA  104700
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Sbjct  104641  GCCCCCCCACAAAAAAAAAACAAACAAACAAACAAACAAACAAACAAACCCGGTGTCTGGA  104700

Query  104701  TGATTCTTTCTATCGATCATTCAATATCTAGCTACAGTTGGTTCGTCTGTATGGTGGGGA  104760
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Query  104761  GGATGGAAGCGGCCCCacaaaaaaaaacaaacaaacaaacaaacaaacaaacaaacaaacCGAA  104820
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Sbjct  104761  GGATGGAAGCGGCCCCACAAAAAAAAAACAAACAAACAAACAAACAAACAAACAAACCGAA  104820

Query  104821  TTAGTGGCTGCTTGCCTGAATCTGTCGCTCCGTCAATAGTTAGCTACAGTTTGTTCGTTA  104880
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Sbjct  104821  TTAGTGGCTGCTTGCCTGAATCTGTCGCTCCGTCAATAGTTAGCTACAGTTTGTTCGTTA  104880

Query  104881  GTCAGGTGGGGAGGCCGGAGCCCCacacaaaaaaaacaaacaaacaaacaaacaaacaaac  104940
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Sbjct  104881  GTCAGGTGGGGAGGCCGGAGCCCCACACAAAAAAAACAAACAAACAAACAAACAAACAAAC  104940

Query  104941  aaacCGCTTTAGTGTTTGTATGGCTGCCTGCATCTTTCGGTCCGTCAGTATGTAGCTACG  105000
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Sbjct  104941  AAACCGCTTTAGTGTTTGTATGGCTGCCTGCATCTTTCGGTCCGTCAGTATGTAGCTACG  105000

Query  105001  TAACGTTTGTTAGTCTGTAGGGTCGGCTCCCCAATaaaaaaaaacaaacaaacaaacaaac  105060
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Sbjct  105001  TAACGTTTGTTAGTCTGTAGGGTCGGCTCCCCAATAAAAAAAAACAAACAAACAAACAAAC  105060

Query  105061  aaacaaacaaacCGTTTTCCTTCATTAATGTTTGGGTGCCTGCATGAGTCTATCGATCCC  105120
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Sbjct  105061  AAACAAACAAACCGTTTTCCTTCATTAATGTTTGGGTGCCTGCATGAGTCTATCGATCCC  105120

Query  105121  TCAGTAGTTAGATACATAACGTGGAGGGAGCAACTTACGTAATGaaaaaaaaacaaacaaac  105180
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  105121  TCAGTAGTTAGATACATAACGTGGAGGGAGCAACTTACGTAATGAAAAAAAACAAACAAAC  105180

Query  105181  aaacaaacaaacaaacaaacCTATTTGATTCTTTCGTTATTGTTTGTATGGATGCCTGAA  105240
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Sbjct  105181  AAACAAACAAACAAACAAACCTATTTGATTCTTTCGTTATTGTTTGTATGGATGCCTGAA  105240
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Query  105241  TCTATCGCTCCTTCAGTATATAGCTacaagaaaagcaacaaaataaagaactaaaaaaac  105300
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Query  105301  aaacaaacaaacaaacaaacaaacaaacCTTTTTGTTTGGTTCTTTCGTTATTTACTGTT  105360
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Query  105361  TGGGTGCCTGCATCTGTCTATCCTTCCCTATGTAGTAGGTACTGAAGAAACGAACcaaaa  105420
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Query  105421  aaacaaacaaacaaacaaacaaacaaacaaacaaacGACATTTCTTTATTGGTTGCTTCT  105480
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Sbjct  105421  AAACAAACAAACAAACAAACAAACAAACAAACAAACGACATTTCTTTATTGGTTGCTTCT  105480

Query  105481  TTCATTATTGTTTGTATGGATGCATGAATCGTTCGCTCATTATGATCAAGTTACGCAAGG  105540
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Query  105541  aaaaaaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacGATATTTGTTTGTTTA  105600
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Query  105601  TTGGTTGCTTCGTTCGTTATTTAATGTGTGGATGATTGATTCGTTCGCTCATCAAAATTG  105660
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Sbjct  105601  TTGGTTGCTTCGTTCGTTATTTAATGTGTGGATGATTGATTCGTTCGCTCATCAAAATTG  105660

Query  105661  AAGTaaaaaaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacGCTCttttt  105720
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Sbjct  105661  AAGTAAAAAAAACAAACAAACAAACAAACAAACAAACAAACAAACAAACGCTCTTTTT  105720

Query  105721  tttCTTGATTCCTTAGTGGTTGCGTCTCTCCATATTTACCTAAAGTGAGGTTGGACGCGT  105780
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Sbjct  105721  TTTCTTGATTCCTTAGTGGTTGCGTCTCTCCATATTTACCTAAAGTGAGGTTGGACGCGT  105780

Query  105781  CAACACTaaaaaaaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaac  105840
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Query  105841  CACTCGCCCCCTCCATCATCCACGCAATATTCATGTATGGATCTATATATACAGTGAGTA  105900
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Sbjct  105841  CACTCGCCCCCTCCATCATCCACGCAATATTCATGTATGGATCTATATATACAGTGAGTA  105900

Query  105901  AGGAAGCTATACACcaaaacaaacaaacaaacaaacaaacaaacaaacaaacaaacaaaaaaaa  105960
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Query  105961  aaaaaaaaaactttttttttttaaaatttttttttttttaaaatttttttttttttaaaatt  106020
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Sbjct  105961  AAAAAAAAAACTTTTTTTTTTTAAAATTTTTTTTTTTTAAAATTTTTTTTTTTTAAAATT  106020

Query  106021  tttttttttttaaaatttttttttttttaaaatttttttttttttaaaatttttttttttttaa  106080
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Sbjct  106021  TTTTTTTTTTAAAATTTTTTTTTTTTAAAATTTTTTTTTTTTAAAATTTTTTTTTTTTAA  106080

Query  106081  aatttttttttttttaaaatttttttttttttaaaatttttttttttttaaaatttttttttttt  106140
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  106141  ttaaaatttttttttttttaaaatttttttttttttaaaatttttttttttttaaaatttttttttttt  106200
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Query  106201  tttttttaaaatttttttttttttaaaatttttttttttttaaaatttttttttttttaaaatt  106260
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Sbjct  106201  TTTTTTAAAATTTTTTTTTTTTTAAAATTTTTTTTTTTTTAAAATTTTTTTTTTTTTAAAATT  106260

Query  106261  tttttttttttaaaatttttttttttttaaaatttttttttttttaaaatttttttttttttaa  106320
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Query  106321  aatttttttttttttaaaatttttttttttttaaaatttttttttttttaaaatttttttttttt  106380
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Query  106381  ttaaaatttttttttttgaaaatttttttttttttaaaaatttttttttttgaaaaatttttt  106440
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Sbjct  106381  TTAAAATTTTTTTTTTTGAAAATTTTTTTTTTTTAAAAATTTTTTTTTTTGAAAAATTTTTT  106440

Query  106441  ttttaaaaaatttttttttgaaaatcctttttttttttttttgtttttttttttttttctt  106500
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Query  106501  tttttttttttttttgtttttttctttttttttttttttttttttttttttttttttttt  106560
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Query  106561  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  106620
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Sbjct  106561  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  106620

Query  106621  ttttACTTCGTCGTTGTTTTAAGACCGCGTTATTTTgcgcgcgcgcgcTTTTCCACGACA  106680
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Sbjct  106621  TTTTACTTCGTCGTTGTTTTAAGACCGCGTTATTTTGCGCGCGCGCGCTTTTCCACGACA  106680

Query  106681  GCACTTTTCAGGCTTCGATCTTTTCACACTCTGAGGTTTTACCCCATAGAGATTTTATTC  106740
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  106681  GCACTTTTCAGGCTTCGATCTTTTCACACTCTGAGGTTTTACCCCATAGAGATTTTATTC  106740

Query  106741  CTAAGACGTTTTATCTCGGGGAATTTTTCATACTCTGAACTTTTATAACGATCtttttttt  106800
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  106741  CTAAGACGTTTTATCTCGGGGAATTTTTCATACTCTGAACTTTTATAACGATCTTTTTTTT  106800

Query  106801  AGGGCCTCCTTATTTTAGGCCCTACTGTTTTTAGATCCCGCTGATTTTAGACCCCACTCT  106860
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  106801  AGGGCCTCCTTATTTTAGGCCCTACTGTTTTTAGATCCCGCTGATTTTAGACCCCACTCT  106860

Query  106861  TTTTCACTCTACCTCATTTTCAGCCGTGCTCATTTTATTGCGGCCGTATTTTATGTCGCG  106920
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  106861  TTTTCACTCTACCTCATTTTCAGCCGTGCTCATTTTATTGCGGCCGTATTTTATGTCGCG  106920
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Query  106921  CGGGTTTTATGCCGATCGGCTTTTATCGCGACCGGATTTTAGTCCCGTCGGATTTTAGTA  106980
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Sbjct  106921  CGGGTTTTATGCCGATCGGCTTTTATCGCGACCGGATTTTAGTCCCGTCGGATTTTAGTA  106980

Query  106981  CCGCCGCTTTTTATATCCTGCGCGTTTTAGGCCCCTCGCCTTTTAGCGCCAGCGAGTTTT  107040
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Sbjct  106981  CCGCCGCTTTTTATATCCTGCGCGTTTTAGGCCCCTCGCCTTTTAGCGCCAGCGAGTTTT  107040

Query  107041  ACACCAAGCCGGTTTTACAACAAACCCTTTTTAAGGCATACCCCTTTTAATTATTGCCCA  107100
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  107041  ACACCAAGCCGGTTTTACAACAAACCCTTTTTAAGGCATACCCCTTTTAATTATTGCCCA  107100

Query  107101  TTTTAACCAGTTCCACTTTTAATTATTACCAATTTTAATGATGGCATGTTTTAACGAGTC  107160
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Sbjct  107101  TTTTAACCAGTTCCACTTTTAATTATTACCAATTTTAATGATGGCATGTTTTAACGAGTC  107160

Query  107161  CATGTTTTAACCAGTACATGTTTTAACCAGGTCAGTTTTTAATCATCTCAGGTTTTAACC  107220
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Sbjct  107161  CATGTTTTAACCAGTACATGTTTTAACCAGGTCAGTTTTTAATCATCTCAGGTTTTAACC  107220

Query  107221  AGGGCAGGTTTTAACAAGGGCAGCTTTTAATCATCGCAGATTTTAACCAGGCCACTTTTT  107280
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  107221  AGGGCAGGTTTTAACAAGGGCAGCTTTTAATCATCGCAGATTTTAACCAGGCCACTTTTT  107280

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Sbjct  107401  CAAGTTTTAACAAGCGCAACTTTTAACCAGCCCAACTTTTAACAAGCCCAAATTTTAACC  107460

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Sbjct  107461  AGCACAAATTTTAACAAGCAATTTTTTTAACCAGATATTGTTTTAACAAGATATTCTTTT  107520

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Sbjct  107641  ATCTTTTTAACAACTTATCGTTTTAACAACTGATCCTTTTAAATACTGATCCTTTTAACA  107700

Query  107701  ACTGATCATTTTAAATACTGATCATTTTAAAAAGGGATATTTTTAAATACTCATATTTTT  107760
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  107701  ACTGATCATTTTAAATACTGATCATTTTAAAAAGGGATATTTTTAAATACTCATATTTTT  107760

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Sbjct  107761  AACAACTCATAGTTTTAACAACTAATACTTTTAAATACTAATACTTTTAAATACGTATAA  107820

Query  107821  ttttaaatacgtagtttttaaatacgtagtgttttaaatacGGAGTGTTTTAAATACGG  107880
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Sbjct  107821  TTTTAAATACGTAGTTTTTAAATACGTAGTGTTTTAAATACGGAGTGTTTTAAATACGG  107880

Query  107881  AGTCTTTTAAATACGGAGTATTTTAAATACGCAGTATTTTAAATACGCAGGTTTTTAAAT  107940
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  107881  AGTCTTTTAAATACGGAGTATTTTAAATACGCAGTATTTTAAATACGCAGGTTTTTAAAT  107940

Query  107941  ACGAAGGTTTTTAAATACGCAGGGTTTTAAATACGAAGGCTTTTAAAGACGAAGGCTTTT  108000
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Sbjct  107941  ACGAAGGTTTTTAAATACGCAGGGTTTTAAATACGAAGGCTTTTAAAGACGAAGGCTTTT  108000

Query  108001  AAATACCTAGGATTTTAAATACCTAGCTTTTTAAAGACCGAGCTTTTTAAAGACCGAGCG  108060
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Sbjct  108001  AAATACCTAGGATTTTAAATACCTAGCTTTTTAAAGACCGAGCTTTTTAAAGACCGAGCG  108060

Query  108061  TTTTAAATACCCAGCCTTTTAAAGACCCAGCCTTTTAAATACCCAGCATTTTAAAGACCA  108120
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108061  TTTTAAATACCCAGCCTTTTAAAGACCCAGCCTTTTAAATACCCAGCATTTTAAAGACCA  108120

Query  108121  AGCATTTTAAATACCAAGATTTTTAAATACCAAGAGTTTTAAAGACATAGAGTTTTAAAG  108180
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108121  AGCATTTTAAATACCAAGATTTTTAAATACCAAGAGTTTTAAAGACATAGAGTTTTAAAG  108180

Query  108181  ACATagacttttaaagacatagaattttaaagacagagaattttaaagacacactttttt  108240
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108181  ACATAGACTTTTAAAGACATAGAATTTTAAAGACAGAGAATTTTAAAGACACACTTTTTT  108240

Query  108241  aaagacagactgttttaaagacacactgttttaaagacacactcttttaaagacaAACTC  108300
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108241  AAAGACAGACTGTTTTAAAGACACACTGTTTTAAAGACACACTCTTTTAAAGACAAACTC  108300

Query  108301  TTTTAAAGACAAACTATTTTAAAGACAAACGTTTTTAAAGAATTACGGTTTTAAACAATT  108360
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108301  TTTTAAAGACAAACTATTTTAAAGACAAACGTTTTTAAAGAATTACGGTTTTAAACAATT  108360

Query  108361  ACGGTTTTAAAGAATGACGCTTTTAAAGAATGACGATTTTAAAGAATCACGATTTTAAAG  108420
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108361  ACGGTTTTAAAGAATGACGCTTTTAAAGAATGACGATTTTAAAGAATCACGATTTTAAAG  108420

Query  108421  AATCACCTTTTTAAACAATCACCGTTTTAAAGAATAACCCTTTTAAACAATAACCCTTTT  108480
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108421  AATCACCTTTTTAAACAATCACCGTTTTAAAGAATAACCCTTTTAAACAATAACCCTTTT  108480

Query  108481  AAAGAATAACcattttaaagaataacatttttaaagaagtacattttaaacaagtacat  108540
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108481  AAAGAATAACCATTTTAAAGAATAACATTTTTAAAGAAGTACATTTTTAAACAAGTACAT  108540

Query  108541  ttttaaagaagGACAGTTTTAAACAAGGACAGTTTTAAACAAGGACACTTTTAAACAAGC  108600
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108541  TTTTAAAGAAGGACAGTTTTAAACAAGGACAGTTTTAAACAAGGACACTTTTAAACAAGC  108600
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Query  108601  ACACTTTTAAACAAGcaatttttaaacaagaaatgttttaaacaactaatgttttaaac  108660
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108601  ACACTTTTAAACAAGCAATTTTTTAAACAAGAAATGTTTTAAACAACTAATGTTTTAAAC  108660

Query  108661  aactaatcttttaaacaactaaTAttttaaacaacgaagtttttaaacaaccaaggtttt  108720
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108661  AACTAATCTTTTAAACAACTAATATTTTAAACAACGAAGTTTTTAAACAACCAAGGTTTT  108720

Query  108721  aaaaaaaccaagattttaaaaaaacaaagattttaaaaaaacaaactttttaaaaaaagaaca  108780
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108721  AAAAAAACCAAGATTTTAAAAAAACAAAGATTTTAAAAAAACAAACTTTTTAAAAAAAGAACA  108780

Query  108781  ttttaaaaaaaacaacatttttttttttttttttttaaaaaaaaaaaatttttttttttt  108840
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108781  TTTTAAAAAAAACAACATTTTTTTTTTTTTTTTTTAAAAAAAAAAAATTTTTTTTTTTT  108840

Query  108841  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  108900
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108841  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  108900

Query  108901  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  108960
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108901  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  108960

Query  108961  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109020
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  108961  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109020

Query  109021  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109080
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  109021  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109080

Query  109081  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109140
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  109081  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109140

Query  109141  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109200
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  109141  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109200

Query  109201  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109260
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  109201  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109260

Query  109261  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109320
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Sbjct  109261  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109320

Query  109321  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109380
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  109321  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109380

Query  109381  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109440
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Sbjct  109381  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109440

Query  109441  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109500
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Sbjct  109441  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109500

Query  109501  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109560
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  109501  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109560

Query  109561  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109620
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  109561  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109620

Query  109621  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109680
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Sbjct  109621  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109680

Query  109681  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109740
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Sbjct  109681  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109740

Query  109741  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109800
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Sbjct  109741  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109800

Query  109801  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109860
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Sbjct  109801  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109860

Query  109861  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109920
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Sbjct  109861  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109920

Query  109921  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  109980
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Sbjct  109921  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  109980

Query  109981  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110040
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Sbjct  109981  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  110040

Query  110041  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110100
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Sbjct  110041  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  110100

Query  110101  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110160
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  110101  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  110160

Query  110161  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110220
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  110161  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  110220

Query  110221  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110280
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  110221  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  110280
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Query  110281  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110340
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Sbjct  110281  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110340

Query  110341  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110400
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Sbjct  110341  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110400

Query  110401  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110460
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  110401  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110460

Query  110461  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110520
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Sbjct  110461  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110520

Query  110521  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110580
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  110521  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110580

Query  110581  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110640
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Sbjct  110581  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110640

Query  110641  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110700
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  110641  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  110700

Query  110701  ttttttttttttttttttctctctctctctttctttctttctttctttctttctttctttc  110760
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  110701  ttttttttttttttttttCTCTCTCTCTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTC  110760

Query  110761  tttctttctttctttctttcctctctctctctttATGCGTGCTTGGCTGGGTGGATGGT  110820
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  110761  TTTCTTTCTTTCTTTCTTTCCTCTCTCTCTCTTTATGCGTGCTTGGCTGGGTGGATGGT  110820

Query  110821  TGTATGTCTGTGTGTTTTAATTTCctctctctctctTTGTGTGTTAAATACATAGATATC  110880
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Sbjct  110821  TGTATGTCTGTGTGTTTTAATTTCCTCTCTCTCTCTTTGTGTGTTAAATACATAGATATC  110880

Query  110881  TCAGTCCGTCTATCTGTGACTGCCTTTCctctctctctctTTGGGTCCGTGCGTTTTAAT  110940
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Sbjct  110881  TCAGTCCGTCTATCTGTGACTGCCTTTCCTCTCTCTCTCTTTGGGTCCGTGCGTTTTAAT  110940

Query  110941  TACTTATATCACTCCTTCGGTCTCTGCATTTCctctctctctctTTGAGGTCGTATGTCG  111000
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Sbjct  110941  TACTTATATCACTCCTTCGGTCTCTGCATTTCCTCTCTCTCTCTTTGAGGTCGTATGTCG  111000

Query  111001  GTTCTAACTACCTAGGTCAATCCCTCGCTGAGTTTCctctctctctctTTCTGGGAGGTA  111060
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Sbjct  111001  GTTCTAACTACCTAGGTCAATCCCTCGCTGAGTTTCCTCTCTCTCTCTTTCTGGGAGGTA  111060

Query  111061  GTACGTCGGTTATAAATACATAGCTATGTCAGTGAATTTCctctctctctctTTCCGGAA  111120
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Sbjct  111061  GTACGTCGGTTATAAATACATAGCTATGTCAGTGAATTTCCTCTCTCTCTCTTTCCGGAA  111120

Query  111121  GGCAGGGTGGTTGTCCGTGCGTTTTAATTAGATAGTTCTTTTTCctctctctctctTTCA  111180
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Sbjct  111121  GGCAGGGTGGTTGTCCGTGCGTTTTAATTAGATAGTTCTTTTTCCTCTCTCTCTCTTTCA  111180

Query  111181  GCGTGCTTGGATGGGCGGTTGTATGTGAGTTGTAAGTACGTCGTTTTCctctctctctct  111240
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Sbjct  111181  GCGTGCTTGGATGGGCGGTTGTATGTGAGTTGTAAGTACGTCGTTTTCCTCTCTCTCTCT  111240

Query  111241  TTAGGCATGCGCGCTCGGAGGGCTGGTAGTAGGTCTGTTCTAACTCGATTTCctctctct  111300
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  111241  TTAGGCATGCGCGCTCGGAGGGCTGGTAGTAGGTCTGTTCTAACTCGATTTCCTCTCTCT  111300

Query  111301  ctctTTAGGATCGCAGGCCGGCTAGGACGGCGGGGGGTAAGTCCGTGTTCATTTTCctct  111360
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  111301  CTCTTTAGGATCGCAGGCCGGCTAGGACGGCGGGGGGTAAGTCCGTGTTCATTTTCCTCT  111360

Query  111361  ctctctctTTAGGACTGATAGCAAGCCCGCGGGCTGGGCCGGGCGGTTGTCATATTTTTC  111420
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Sbjct  111361  CTCTCTCTTTAGGACTGATAGCAAGCCCGCGGGCTGGGCCGGGCGGTTGTCATATTTTTC  111420

Query  111421  ctctctctctctTTAGGAAAGACCGAGCGATTGCCAGCGAGCTGGGCAGGGAGGTGTCCA  111480
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Sbjct  111421  CTCTCTCTCTCTTTAGGAAAGACCGAGCGATTGCCAGCGAGCTGGGCAGGGAGGTGTCCA  111480

Query  111481  TTTCctctctctctctTTAGCTTACTTTGAATGAGAGATGGCAGGCCTGTGGGTGGTGAT  111540
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  111481  TTTCCTCTCTCTCTCTTTAGCTTACTTTGAATGAGAGATGGCAGGCCTGTGGGTGGTGAT  111540

Query  111541  TTCGTTTCctctctctctctTTAGCTGCCTGTCTTGGAAGGACGGAGTGCACTTTGTTTG  111600
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Sbjct  111541  TTCGTTTCCTCTCTCTCTCTTTAGCTGCCTGTCTTGGAAGGACGGAGTGCACTTTGTTTG  111600

Query  111601  ttttttTCctctctctctctctctTTAGCTCGCTGACTGGCTTCGAACGACAGAGGTTAG  111660
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Sbjct  111601  TTTTTTCCTCTCTCTCTCTCTCTTTAGCTCGCTGACTGGCTTCGAACGACAGAGGTTAG  111660

Query  111661  TTGCTTTCctctctctctctctctctctctttagttagttagttagttagttagttacttat  111720
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  111661  TTGCTTTCCTCTCTCTCTCTCTCTCTCTTTAGTTAGTTAGTTAGTTAGTTAGTTACTTAT  111720

Query  111721  ttagtttcctctctctctctctctACttttttgaaacaaacatttttttggcccgcacattt  111780
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Sbjct  111721  TTAGTTTCCTCTCTCTCTCTCTCTACTTTTTGAAACAAACATTTTTTGGCCCGCACATTT  111780

Query  111781  tttggaaccttcatttttttgctagctaaatttttttgcgcgcgagatttttttgcccgccag  111840
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Sbjct  111781  TTTGGAACCTTCATTTTTTGCTAGCTAAATTTTTTGCGCGCGAGATTTTTTGCCCGCCAG  111840

Query  111841  atttttttgacaaaaaaatttttttgaaacaaacatttttttgaaacaaacatttttttggcgg  111900
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  111841  ATTTTTTGACAAAAAAATTTTTTGAAACAAACATTTTTTGAAACAAACATTTTTTGGCGG  111900

Query  111901  gcctattttttggatcgaatatttttttgctgactcaatttttttgcgggcggcatttttta  111960
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  111901  GCCTATTTTTTGGATCGAATATTTTTTGCTGACTCAATTTTTTGCGGGCGGCATTTTTTA  111960
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Query  111961  cctaccgcatttttgaacaaaaaaattttttaaaaacaaactcctttttttttttttttatt  112020
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Sbjct  111961  CCTACCGCATTTTTGAACAAAAAAATTTTTAAAAACAAACTCCTTTTTTTTTTTTTTTATT  112020

Query  112021  tttttttttttttgctttttttttttttttttgtttttctttttttttttttttttttttt  112080
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112021  TTTTTTTTTTTTGCTTTTTTTTTTTTTTTTTTGTTTTTCTTTTTTTTTTTTTTTTTTTTTT  112080

Query  112081  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  112140
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112081  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  112140

Query  112141  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  112200
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112141  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  112200

Query  112201  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttCCA  112260
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112201  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCA  112260

Query  112261  TCCATTTTTTGCTAGATGTCTGTCTTACTACGTGATTTACTGTCTATATGCCTTAGTGGT  112320
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112261  TCCATTTTTTGCTAGATGTCTGTCTTACTACGTGATTTACTGTCTATATGCCTTAGTGGT  112320

Query  112321  TATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAG  112380
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112321  TATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAG  112380

Query  112381  TGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCC  112440
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112381  TGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCC  112440

Query  112441  TTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATA  112500
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112441  TTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATA  112500

Query  112501  TGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGT  112560
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112501  TGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGT  112560

Query  112561  TATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAG  112620
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112561  TATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAG  112620

Query  112621  TGGTTATGTGCTTTATTGGGTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCC  112680
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112621  TGGTTATGTGCTTTATTGGGTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCC  112680

Query  112681  TTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATA  112740
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112681  TTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATA  112740

Query  112741  TGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGT  112800
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112741  TGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGTTATATGCCTTAGTGGT  112800

Query  112801  TACGTGATTTACTGTCTAGATGTCTGTCTTACTCCATCCAtttttgctttttttttttt  112860
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112801  TACGTGATTTACTGTCTAGATGTCTGTCTTACTCCATCCATTTTTGCTTTTTTTTTTTTT  112860

Query  112861  tttctttttttttttttttttttttttttttttttttttttttttttttttttttttttt  112920
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Sbjct  112861  TTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  112920

Query  112921  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  112980
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  112921  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  112980

Query  112981  tttttttttttttttttttttttttttttttttttttttttttttttttttttttATATGAATTCCTGCG  113040
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Sbjct  112981  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  113040

Query  113041  TATATGATTTACTAGATAGTTGATTTACGTCGTAGTTGCCTTAGGTAATATATGCCTTAG  113100
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  113041  TATATGATTTACTAGATAGTTGATTTACGTCGTAGTTGCCTTAGGTAATATATGCCTTAG  113100

Query  113101  GGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCC  113160
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  113101  GGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCC  113160

Query  113161  TTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATA  113220
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Sbjct  113161  TTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATA  113220

Query  113221  TGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTT  113280
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  113221  TGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTT  113280

Query  113281  TATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAG  113340
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  113281  TATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAG  113340

Query  113341  GGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATCTGAT  113400
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Sbjct  113341  GGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATCTGAT  113400

Query  113401  TTAGGGTGTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATA  113460
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Sbjct  113401  TTAGGGTGTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATA  113460

Query  113461  TGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTT  113520
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Sbjct  113461  TGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTTTATATGCCTTAGGGTT  113520

Query  113521  TATATGCCTTAGGGTTTATATGCCTTAGGGTTTAGTTGCCTTAGGTAATAGTTGATTTAC  113580
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Sbjct  113521  TATATGCCTTAGGGTTTATATGCCTTAGGGTTTAGTTGCCTTAGGTAATAGTTGATTTAC  113580

Query  113581  GTCGTATATGATTTACTAGATATATGAATTCCTGCGTCCATCCAtttttgctttttttt  113640
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Sbjct  113581  GTCGTATATGATTTACTAGATATATGAATTCCTGCGTCCATCCATTTTTGCTTTTTTTT  113640
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Query  113641  ttttttttgtttttttt
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Query  115321  tttttttttCGGTGCTGGCTGaaaaaatcatatatatataaaaaaaaatatatataaaaaaaa  115380
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Sbjct  115321  TTTTTTTTCGGTGCTGGCTGAAAAAATCATATATATAAAAAAAAATATATATAAAAAAAA  115380
Query  115381  atatatataaaaaaaaatatatataaaaaaaaatatatataaaaaaaaatatatataaaa  115440
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Sbjct  115381  ATATATATAAAAAAAAATATATATAAAAAAAAATATATATAAAAAAAAATATATATAAAA  115440
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Sbjct  115621  ATATATATAAAAAAAAATATATATAAAAAAAAATATATATAAAAAAAAATATATATAAAA  115680
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Sbjct  115741  AAAAAAAAATATATATAAAAAAAAATATATATAAAAAAAAATATATATAAAAAAAAATAT  115800
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Query  115861  atatcgcgaaaacttggtaagtaaaaaatatatGCCTTAGCCACTAGTTGCCTTAGGTAA  115920
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Query  116161  aacaagaaatggaaaaaacaagacatggaaaaaacaagagatgtaaaaaacaagatatta  116220
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Query  116761  ttttttttttttttttttttttttttttttttttttttt
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Sbjct  118261  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  118320
Query  118321  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  118380
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Sbjct  118321  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  118380
Query  118381  ttttttttttttttttttCGCTGCGGGCGGaaaaagttagttagttaaaaaacaactg  118440
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Query  118441  atcaaaaaaaatactcatcaaaaaaaatacttatccaaaaaacaacttatcgaaaaaaca  118500
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Query  118501  agaaatctaaaaaaaatagaaatgaaaaaaacaagacatgcaaaaaacaagacatgtaaaa  118560
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Query  118561  aacaagagattaaaaaaacaagatattcaaaaaacaagcaattcaaaaaacaagcaattg  118620
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Query  118621  aaaaaaccagcccaaaaaaaaacaagcccaacaaaaaaccagcgcaacaaaaaacaagcg  118680
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Query  118681  caataaaaaacaagctcacaaaaaaacaagctcaccaaaaaaccaggacacgaaaaaaca  118740
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Query  118741  aggacactaaaaaaccagggcagaaaaaaaccagggcagcaaaaaaccagggcaggaaaa  118800
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Query  118801  aaccaggtcagtaaaaaaccaggtcatcaaaaaaccagtccatcaaaaaacgagtccatt  118860
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Sbjct  118801  AACCAGGTCAGTAAAAAACCAGGTCATCAAAAAACCAGTCCATCAAAAAACGAGTCCATT  118860

Query  118861  aaaaaaccagtccattaaaaaacgagtgccacaaaaaaccagttccacaaaaaaccagtt  118920
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Query  118921  ccataaaaaaaaaTGCATGAAAAACTGAgggggggTAAAATATATGCCTTAGCCAATATA  118980
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Query  118981  TGCCTTAGGGTTTATATGCCTTAGTGGttttttttttttttttctttttttttttttttt  119040
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Query  119041  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  119100
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Query  119101  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  119160
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Query  119161  tttttttttCGCGGCGCGCGCaaaaagtgagtgagtgaaaaaaatactaatagaaaaaaat  119220
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Query  119221  actcatataaaaaaatactgatataaaaaaatacttatccaaaaaacaactgatcgaaaa  119280
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Query  119281  aaatagaaatctaaaaaaatagaaatgaaaaaaacaagacatgcaaaaaacaagacatgg  119340
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Query  119341  aaaaaaatagacatgtaaaaaacaagatattaaaaaaacaagatattcaaaaaacaagat  119400
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Query  119401  attgaaaaaacaagccatttaaaaaacaagcccaaaaaaaaaccagcccaacaaaaaaca  119460
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Query  119461  agcgcaagaaaaaaccagctcaataaaaaaccagctcaccaaaaaacaaggacacgaaaa  119520
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Query  119521  aaccaggacacgaaaaaaccaggccagaaaaaaaccagggcagaaaaaaaccaggtcagc  119580
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Query  119581  aaaaaaccaggtcagtaaaaaaccagtacataaaaaaacgagtacataaaaaaaccagtc  119640
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Query  119641  catgaaaaaaccagtccattaaaaaaccagtgccaaaaaaaaccagttccacaaaaaaaa  119700
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Query  119701  aTGGATGGAAAACTCTGGGAGGGCAAAATATATGCCTTAGCCAATATATGCCTTAGGGTT  119760
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Query  119761  TATATGCCTTAGTGGttttttttttttttttctttttttttttttttttttttttttttt  119820
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Query  119821  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  119880
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Query  119941  GCCGGCGaaaaaagtcagtcagtcaaaaaaatactaataaaaaaaaatactaatacaaaa  120000
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Query  120001  aacaactcatagaaaaaacaactcatataaaaaaatactgatcaaaaaaacaactgatcg  120060
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Query  120061  aaaaaacaacttatctaaaaaaatagaaatgaaaaaaaatagacatgaaaaaaaatagac  120120
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Query  120121  atgcaaaaaacaagacatgtaaaaaacaagatattaaaaaaacaagatattcaaaaaaca  120180
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Query  120181  agcaattgaaaaaacaagcaatttaaaaaacaagcccaaaaaaaaacaagcgcaacaaaa  120240
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Query  121861  agctcacaaaaaaaccaggacaccaaaaaaccaggccactaaaaaaccaggccagaaaaa  121920
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Query  122281  agtaaaaaaaatacggagtcaaaaaaatacgtagttaaaaaacaacgtataaaaaaaaat  122340
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Query  123121  aaatactaataaaaaaaaatactaatacaaaaaacaactcatagaaaaaacaactcatat  123180
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Query  123181  aaaaaacaactgatcaaaaaaaatactgatccaaaaaaatacttatctaaaaaacaagaa  123240
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Sbjct  123181  AAAAAACAACTGATCAAAAAAAATACTGATCCAAAAAAATACTTATCTAAAAAACAAGAA  123240

Query  123241  atctaaaaaacaagacatgaaaaaaacaagacatggaaaaaacaagacatgtaaaaaaca  123300
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Sbjct  123241  ATCTAAAAAACAAGACATGAAAAAAACAAGACATGGAAAAAACAAGACATGTAAAAAACA  123300

Query  123301  agagattaaaaaaacaagatattaaaaaaaccagatattgaaaaaacaagcaatttaaaa  123360
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  123301  AGAGATTAAAAAAACAAGATATTAAAAAAACCAGATATTGAAAAAACAAGCAATTTAAAA  123360

Query  123361  aacaagcaatttaaaaaacaagcccaacaaaaaacaagcccaagaaaaaacaagctcaat  123420
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Sbjct  123361  AACAAGCAATTTAAAAAACAAGCCCAACAAAAAACAAGCCCAAGAAAAAACAAGCTCAAT  123420

Query  123421  aaaaaaccagctcacaaaaaaaccagctcaccaaaaaaccaggacacgaaaaaaccaggc  123480
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  123421  AAAAAACCAGCTCACAAAAAAACCAGCTCACCAAAAAACCAGGACACGAAAAAACCAGGC  123480

Query  123481  cactaaaaaaccaggccagcaaaaaaccagggcagcaaaaaaccaggtcagtaaaaaaaa  123540
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Sbjct  123481  CACTAAAAAACCAGGCCAGCAAAAAACCAGGGCAGCAAAAAACCAGGTCAGTAAAAAAAA  123540

Query  123541  CAACCAAGAAAACTACGGAAGGATAAAATATATGCCTTAGCCAATATATGCCTTAGGGTT  123600
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Sbjct  123541  CAACCAAGAAAACTACGGAAGGATAAAATATATGCCTTAGCCAATATATGCCTTAGGGTT  123600

Query  123601  TATATGCCTTAGTGGtttttttttttttttctttttttttttttttttttttttttttttt  123660
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Sbjct  123601  TATATGCCTTAGTGGTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  123660

Query  123661  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  123720
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  123661  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  123720
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Query  123721  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttCCCT  123780
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Sbjct  123721  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttCCCT  123780

Query  123781  GAGGGCACaaaaagctagctagctaaaaaaatacgaaggcaaaaaaatacgcagggaaaa  123840
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Sbjct  123781  GAGGGCACAAAAAGCTAGCTAGCTAAAAAAATACGAAGGCAAAAAAATACGCAGGGAAAA  123840

Query  123841  aaatacgcagtaaaaaaaatacggagtcaaaaaaatacggagtgaaaaaaatacgtagtt  123900
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Sbjct  123841  AAATACGCAGTAAAAAAAATACGGAGTCAAAAAAATACGGAGTGAAAAAAATACGTAGTT  123900

Query  123901  aaaaaaatactaagttaaaaaaatactaatacaaaaaaatactcatagaaaaaaatactc  123960
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Sbjct  123901  AAAAAAATACTAAGTTAAAAAAATACTAATACAAAAAAATACTCATAGAAAAAAATACTC  123960

Query  123961  atagaaaaaacaactgatcaaaaaaaatacttatccaaaaaacaacttatcgaaaaaaca  124020
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Sbjct  123961  ATAGAAAAAACAACTGATCAAAAAAAATACTTATCCAAAAAACAACTTATCGAAAAAACA  124020

Query  124021  acttatctaaaaaacaagaaatgaaaaaaacaagacatgcaaaaaacaagacatggaaaa  124080
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  124021  ACTTATCTAAAAAACAAGAAATGAAAAAAACAAGACATGCAAAAAACAAGACATGGAAAA  124080

Query  124081  aacaagagatgtaaaaaacaagatattaaaaaaacaagatattcaaaaaacaagcaattg  124140
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Sbjct  124081  AACAAGAGATGTAAAAAACAAGATATTAAAAAAACAAGATATTCAAAAAACAAGCAATTG  124140

Query  124141  aaaaaacaagcaatttaaaaaaccagcccaacaaaaaaccagcccaacaaaaaacaagcg  124200
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Query  124201  caataaaaaacaagctcaataaaaaaccaggacaccaaaaaacaagctcacgaaaaaacc  124260
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Sbjct  124201  CAATAAAAAACAAGCTCAATAAAAAACCAGGACACCAAAAAACAAGCTCACGAAAAAACC  124260

Query  124261  aggacactaaaaaaccagggcagaaaaaaaccaggccagaaaaaaaaaCAATCAATAAAA  124320
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Query  124321  CGTTGCTTGGACAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAG  124380
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Query  124381  TGGtttttttttttttttctttttttttttttttttttttttttttttttttttttttt  124440
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Query  124441  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  124500
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Query  124501  tttttttttttttttttttttttttttttttttttttttttttCCCAGACTGCaaaaaa  124560
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  124501  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCAGACTGCAAAAAA  124560

Query  124561  agccagccagccaaaaaaatacctaggaaaaaaaatacgaaggcaaaaaaatacgaaggg  124620
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Sbjct  124561  AGCCAGCCAGCCAAAAAAATACCTAGGAAAAAAAATACGAAGGCAAAAAAATACGAAGGG  124620

Query  124621  aaaaaaatacgcaggtaaaaaaatacgcagtaaaaaaaatacggagtcaaaaaaatacgg  124680
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Query  124681  agtgaaaaaaatacgtagttaaaaaaatactaataaaaaaaacaactcatacaaaaaaca  124740
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Sbjct  124681  AGTGAAAAAAATACGTAGTTAAAAAAATACTAATAAAAAAAACAACTCATACAAAAAACA  124740

Query  124741  actcatataaaaaaatactcatcaaaaaaacaactgatcaaaaaaaatacttatccaaaa  124800
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Sbjct  124741  ACTCATATAAAAAAATACTCATCAAAAAAACAACTGATCAAAAAAAATACTTATCCAAAA  124800

Query  124801  aacaagaaatctaaaaaacaagaaatgaaaaaaaatagaaatgcaaaaaaatagacatgc  124860
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Sbjct  124801  AACAAGAAATCTAAAAAACAAGAAATGAAAAAAAATAGAAATGCAAAAAAATAGACATGC  124860

Query  124861  aaaaaacaagagatgtaaaaaacaagagattaaaaaaacaagatattaaaaaaacaagca  124920
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Sbjct  124861  AAAAAACAAGAGATGTAAAAAACAAGAGATTAAAAAAACAAGATATTAAAAAAACAAGCA  124920

Query  124921  attgaaaaaaccagcaatttaaaaaacaagcccaaaaaaaaacaagcccaacaaaaaaca  124980
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Sbjct  124921  ATTGAAAAAACCAGCAATTTAAAAAACAAGCCCAAAAAAAAACAAGCCCAACAAAAAACA  124980

Query  124981  agcgcaagaaaaaaccagcgcacaaaaaaaccagctcaccaaaaaaccagctcaccaaaa  125040
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Query  125041  aaccaggacacgaaaaaaccaggccactaaaaaaaacacacaccaaaaCGTCGCTGGGAA  125100
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Query  125101  AAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttt  125160
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Query  125161  tttttttctttttttttttttttttttttttttttttttttttttttttttttttttttt  125220
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Query  125221  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  125280
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Query  125341  aaaaaaagacctagcgaaaaaaatacctaggaaaaaaaatacctaggaaaaaaaatacga  125400
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Sbjct  125341  AAAAAAAGACCTAGCGAAAAAAATACCTAGGAAAAAAAATACCTAGGAAAAAAAATACGA  125400
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Query  125401  agggaaaaaaatacgaaggtaaaaaaatacgcaggtaaaaaaatacggagtcaaaaaaca  125460
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Query  125461  acggagtgaaaaaaatacgtagttaaaaaaatactaataaaaaaaacaactaatacaaaa  125520
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Query  125521  aaatactcatagaaaaaacaactgatataaaaaaatactgatccaaaaaacaacttatcc  125580
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Query  125581  aaaaaaatacttatctaaaaaaatagaaatctaaaaaacaagaaatgaaaaaaacaagac  125640
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Query  125641  atggaaaaaacaagagatgtaaaaaacaagagatgtaaaaaacaagatattcaaaaaacc  125700
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Query  125701  agcaattcaaaaaaccagcaatttaaaaaaccagcacaaaaaaaaacaagcccaacaaaa  125760
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Query  125761  aacaagcgcaagaaaaaaccagcgcaataaaaaaccagctcacaaaaaaaccagctcacc  125820
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Sbjct  125761  AACAAGCGCAAGAAAAAACCAGCGCAATAAAAAACCAGCTCACAAAAAAACCAGCTCACC  125820

Query  125821  aaaaaaccaggacacgaaaaaaaacacccacgaaaaCGTCGCTAGCTGAAAATATATGCC  125880
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Query  125881  TTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttt  125940
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Query  125941  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  126000
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Sbjct  125941  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  126000

Query  126001  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  126060
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Sbjct  126001  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  126060

Query  126061  tttttttttttttttttttCATTGAAGGATGaaaaagatagatagataaaaaaataccg  126120
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Sbjct  126061  TTTTTTTTTTTTTTTTTTTCATTGAAGGATGAAAAAGATAGATAGATAAAAAAATACCG  126120

Query  126121  agcgaaaaaaagaccgagcgaaaaaaataccgaggaaaaaaaatacctaggcaaaaaaat  126180
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Query  126181  acctagggaaaaaaatacgcagggaaaaaaatacgcaggtaaaaaaatacgcagtaaaaa  126240
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Query  126241  aacaacggagtgaaaaaacaacgtagttaaaaaaatactaagttaaaaaaatactaatac  126300
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Query  126361  atccaaaaaacaacttatcgaaaaaacaagaaatctaaaaaacaagacatgaaaaaaaca  126420
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Query  126421  agacatggaaaaaacaagacatggaaaaaacaagagatgtaaaaaacaagatattaaaaa  126480
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Query  126481  aaccagatattcaaaaaacaagcaattgaaaaaacaagcacaaaaaaaaacaagcccaac  126540
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Query  126541  aaaaaaccagcgcaacaaaaaacaagcgcaataaaaaacaagctcacaaaaaaaccagga  126600
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Query  126601  cacaaaaaaaaacactcactaaaaCGGTGCGTGCTCAAAATATATGCCTTAGCCAATATA  126660
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Sbjct  126601  CACAAAAAAAAAACACTCACTAAAACGGTGCGTGCTCAAAATATATGCCTTAGCCAATATA  126660

Query  126661  TGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttttttttttt  126720
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Query  126721  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  126780
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Query  126781  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  126840
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Sbjct  126781  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  126840

Query  126841  tttttttCATCGaaagataaaaaagagagagagagaaaaaaatacccagcaaaaaaaat  126900
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Query  126901  acccagccaaaaaaagacccagcgaaaaaaatacccgagctaaaaaaatacctaggaaaaa  126960
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Query  127021  aaaaaaatacggagtcaaaaaaatacgtagtgaaaaaaatactaagttaaaaaaatacta  127080
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Query  127081  ataaaaaaaaatactcatacaaaaaaatactcatataaaaaacaactgatataaaaaaca  127140
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Query  127141  actgatccaaaaaaatacttatcgaaaaaaatacttatctaaaaaacaagaaatgaaaaa  127200
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Sbjct  127141  ACTGATCCAAAAAAATACTTATCGAAAAAAATACTTATCTAAAAAACAAGAAATGAAAAA  127200

Query  127201  aacaagacatgcaaaaaacaagacatggaaaaaacaagagatgtaaaaaacaagagatta  127260
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Query  127261  aaaaaacaagatattcaaaaaacaagatattgaaaaaaccagcaatttaaaaaacaagca  127320
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Query  127321  caaaaaaaaaccagcgcaacaaaaaaccagcgcaataaaaaaccagctcacaaaaaaaaa  127380
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Query  127381  cAGCCAGAAAAACGGGGCGCGCGTAAAATATATGCCTTAGCCAATATATGCCTTAGGGTT  127440
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Query  127441  TATATGCCTTAGTGGtttttttttttttttttctttttttttttttttttttttttttttt  127500
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Query  127501  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  127560
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Query  127561  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttCAGC  127620
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Query  127621  CTTAGAGTaaaaagaaagaaagaaaaaaaaataccaagataaaaaaagacccagcaaaaa  127680
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Query  127741  aaaaaaatacctaggcaaaaaaatacgaagggaaaaaaatacgcaggtaaaaaaatacgg  127800
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Query  127801  agtaaaaaaaatacggagtcaaaaaaatacgtagtgaaaaaaatacgtagttaaaaaaca  127860
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Query  127921  aaatactgatcaaaaaaacaacttatcgaaaaaacaacttatctaaaaaaatagaaatct  127980
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Query  127981  aaaaaaatagaaatgcaaaaaacaagacatggaaaaaacaagacatgtaaaaaacaagag  128040
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Query  128101  agccatttaaaaaacaagcccaacaaaaaaccagcccaagaaaaaaaacaggcaggaaaa  128160
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Query  128581  acgcagtaaaaaaaatacgcagtcaaaaaacaacggagtgaaaaaaatacgtagttaaaa  128640
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Sbjct  137281  AAATACGGAGTCAAAAAAATACGTAGTGAAAAAAATACGTAGTTAAAAAACAACGTATAA  137340

Query  137341  aaaaaaatactaatacaaaaaaaaCCGTCCGTAAAACCGCGACCGAGCAAAATATATGCC  137400
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Sbjct  137341  AAAAAAATACTAATACAAAAAAAACCGTCCGTAAAACCGCGACCGAGCAAAATATATGCC  137400

Query  137401  TTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttt  137460
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Sbjct  137401  TTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTCTTTT  137460

Query  137461  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  137520
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Sbjct  137461  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  137520

Query  137521  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  137580
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Query  137581  tttttttttttttttttttAGCTCCGGCTGGaaaaacaaacaaacaaaaaaaaacaagg  137640
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  137641  acacaaaaaaacaaggacagaaaaaaacaagtacataaaaaaagaataaccaaaaaaaac  137700
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Sbjct  137641  ACACAAAAAAACAAGGACAGAAAAAAACAAGTACATAAAAAAAGAATAACCAAAAAAAAC  137700

Query  137701  aataacccaaaaaaacaataacccaaaaaaacaatcacctaaaaaaagaatcacgaaaaa  137760
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  137701  AATAACCCAAAAAAACAATAACCCAAAAAAACAATCACCTAAAAAAAGAATCACGAAAAA  137760

Query  137761  aaacaatgacgcaaaaaaagaattacggaaaaaaagacaaacgtaaaaaaagacacacta  137820
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Sbjct  137761  AAACAATGACGCAAAAAAAGAATTACGGAAAAAAAGACAAACGTAAAAAAAGACACACTA  137820

Query  137821  aaaaaaagacaaactgaaaaaaagacacacttaaaaaaagacagacttaaaaaaatacag  137880
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Query  137881  agaaaaaaaaatacatagacaaaaaaagaccaagagaaaaaaagacccagataaaaaaat  137940
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Query  137941  acccagcaaaaaaaatacccagcgaaaaaaagaccgagctaaaaaaagacctaggaaaaa  138000
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Sbjct  137941  ACCCAGCAAAAAAAATACCCAGCGAAAAAAAGACCGAGCTAAAAAAAGACCTAGGAAAAA  138000

Query  138001  aaatacctaggaaaaaaaagacgaagggaaaaaaatacgaagggaaaaaaatacgcagta  138060
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Query  138061  aaaaaaatacggagtcaaaaaaatacggagtgaaaaaaatacgtagttaaaaaacaacgt  138120
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Sbjct  138061  AAAAAAATACGGAGTCAAAAAAATACGGAGTGAAAAAAATACGTAGTTAAAAAACAACGT  138120

Query  138121  ataaaaaaaaaacctccctaaaaaCCCTGACAGAGAAAAATATATGCCTTAGCCAATATA  138180
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Query  138181  TGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttttttttttt  138240
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Sbjct  138181  TGCCTTAGGGTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTT  138240

Query  138241  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  138300
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Query  138301  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  138360
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  138421  aagcacaaaaaaaaagaagcacagaaaaaaacaagtacagaaaaaaagaagtaccaaaaa  138480
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Query  138481  aaacaataaccaaaaaaaacaataaccgaaaaaaagaatcaccgaaaaaaacaatcacct  138540
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Query  138541  aaaaaaagaatgacgaaaaaaaagaattacggaaaaaaagacaaacgtaaaaaaagacaa  138600
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Query  138601  acgtaaaaaaacacaaactcaaaaaaagacacactgaaaaaaagacagacttaaaaaaag  138660
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Query  138661  acagagaaaaaaaaagacatagacaaaaaaagaccaagagaaaaaaataccaagataaaa  138720
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Query  138721  aaagaccaagcaaaaaaaagacccagccaaaaaaataccgagctaaaaaaatacctagct  138780
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Query  138901  CCTTCCTTAAAACCCGGAAGGACTAAAATATATGCCTTAGCCAATATATGCCTTAGGGTT  138960
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Query  139021  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  139080
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Query  139141  CCCCCTCTaaaaaatgaatgaatgaaaaaaacaagaaatgaaaaaaacaagaaattaaaa  139200
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Query  139801  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  139860
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Sbjct  139921  AATAAATAAATAAAAAAAACAACTAATAAAAAAAACAAGAAATCAAAAAAACAAGAAATT  139980
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Sbjct  140041  ACAGAAAAAAAGAAGTACCAAAAAAAACAATAACCCAAAAAAAGAATCACCGAAAAAAAC  140100
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Sbjct  140101  AATCACCGAAAAAAACAATGACGAAAAAAAACAATTACGCAAAAAAAGAATTACGGAAAA  140160
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Query  140281  agagaaaaaaagaccaagataaaaaaagacccagccaaaaaaataccgagcgaaaaaaat  140340
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Query  140341  accgagctaaaaaaagaccgagctaaaaaaatacgaaggcaaaaaaatacgaagggaaaa  140400
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Sbjct  140401  AAATACGCAGGGAAAAAAATACGCAGGTAAAAAAAAACGACCGAGAAAACCCACTTTGACA  140460
Query  140461  AAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttt  140520
Sbjct  140461  AAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGTTTTTTTTT  140520
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Query  140521  tttttt
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Query  142201  tttttttttACGACAGTCTAcaaaaaagcaagcaagcaaaaaaacaaccaagaaaaaaaac  142260
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Query  142261  aaccaagcaaaaaaaacaacgaagtaaaaaaaacaactaagtaaaaaaaacaactaataaaaa  142320
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Query  142441  accaaaaaaaacaatcaccgaaaaaaaacaatcacctaaaaaaagaatcacgaaaaaaaaac  142500
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Query  142501  aatgacgcaaaaaaagaattacggaaaaaaagaattacgtaaaaaaagacaaactaaaaa  142560
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Query  142561  aaagacacactcaaaaaaagacacactgaaaaaaagacagagaaaaaaaaagacagagaa  142620
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Query  142681  CTGGAAAACATACTCTCTGTAAAACATCCTGACTTAAAAACATGCTGCCTTGAAAACATT  142740
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Query  142801  TACATCGATGGTTTAGtttttttttttttttgtttttttttttttttttttttttttttt  142860
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Query  142981  CAGactaaaaaaaactaactaactaaaaaaaacaacaaactaaaaaaaacaaccaagaaaaa  143040
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Query  143041  aaacaacgaagcaaaaaaaaaacgaaggaaaaaaacaactaagtaaaaaaacaactaatc  143100
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Query  143101  aaaaaaacaagaaatcaaaaaaacaagaaatgaaaaaaacaagcaattaaaaaaacaagc  143160
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Query  143161  acacaaaaaaagaaggacacaaaaaaacaaggacagaaaaaaacaataaccaaaaaaaac  143220
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Query  143221  aataaccaaaaaaaagaataacccaaaaaaacaatcaccgaaaaaaacaatcacctaaaa  143280
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Query  143281  aaagaatgacgcaaaaaaagaattacggaaaaaaacacaaacggaaaaaaagacaaacgt  143340
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Query  143881  aataaaaaaaacaagaaatcaaaaaaacaagaaatgaaaaaaacaagcaattaaaaaaac  143940
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Query  143941  aagcacaaaaaaaaacaaggacacaaaaaaacaaggacagaaaaaaacaaggaccaaaaa  144000
Sbjct  143941  AAGCACAAAAAAAAACAAGGACACAAAAAAACAAGGACAGAAAAAAACAAGGACCAAAAA  144000
Query  144001  aaacaataaccaaaaaaaacaatcacccaaaaaaagaatcaccgaaaaaaagaatgacct  144060
Sbjct  144001  AAACAATAACCAAAAAAAACAATCACCCAAAAAAAGAATCACCGAAAAAAAGAATGACCT  144060
Query  144061  aaaaaaagaatgacgaaaaaaaagaatgacgcaaaaaaagaattacggaaaaaaagacaa  144120
Sbjct  144061  AAAAAAAGAATGACGAAAAAAAAGAATGACGCAAAAAAAGAATTACGGAAAAAAAGACAA  144120
Query  144121  acgtaaaaaaagacaaactaaaaaaaagacacactgaaaaccctgagggcacaaaaaaaa  144180
Sbjct  144121  ACGTAAAAAAAGACAAACTAAAAAAAAGACACACTGAAAACCCTGAGGGCACAAAAAAAA  144180
Query  144181  atatcgcgaaaaaaaacagtggtcaaaaaaaacattgtgtaaaaaaaacccatagcaaaa  144240
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Query  144241  aaaacccttcagaaaaaGCGCTATTACGAAAACTTTGGTAGGTTAGCTGTTTTCTATGCC  144300
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Query  144301  GGGAGTGATCTATGATTCGTGTAGTATATGCCTTCCCttttttttttttttctttttttt  144360
Sbjct  144301  GGGAGTGATCTATGATTCGTGTAGTATATGCCTTCCCTTTTTTTTTTTTTTCTTTTTTTT  144360
Query  144361  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  144420
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Query  144421  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  144480
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Query  144481  tttttttttttttttttttttttttttttttAATTCAAGCGTGaaaaaaccaaccaacc  144540
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Query  144541  aaaaaaaaaaagaacaaaaaaaaaaaaataaccaaaaaaaaaaataacgaaaaaaaaaaca  144600
Sbjct  144541  AAAAAAAAAAAGAACAAAAAAAAAAAAATAACCAAAAAAAAAAATAACGAAAAAAAAAACA  144600
Query  144601  aactaaaaaaacaaccaagcaaaaaaacaaccaagcaaaaaaacaacgaaggaaaaaaac  144660
Sbjct  144601  AACTAAAAAAAACAACCAAGCAAAAAAACAACCAAGCAAAAAAACAACGAAGGAAAAAAAC  144660
Query  144661  aacgaataaaaaaaacaactaataaaaaaaacaagaaatgaaaaaaacaagaaatgaaaa  144720
Sbjct  144661  AACGAATAAAAAAAACAACTAATAAAAAAAACAAGAAATGAAAAAAACAAGAAATGAAAA  144720
Query  144721  aaagaagcaattaaaaaaacaaggacaaaaaaaaacaaggacacaaaaaaacaagtacat  144780
Sbjct  144721  AAAGAAGCAATTAAAAAAACAAGGACAAAAAAAAACAAGGACACAAAAAAACAAGTACAT  144780
Query  144781  aaaaaaagaagtaccaaaaaaaagaataacccaaaaaaagaataaccgaaaaaaagaatg  144840
Sbjct  144781  AAAAAAAGAAGTACCAAAAAAAAGAATAACCCAAAAAAAGAATAACCGAAAAAAAGAATG  144840
Query  144841  acctaaaaaaagaatgacgaaaaaaaagaatgacgcaaaaaaagaatgacggaaaaaaag  144900
Sbjct  144841  ACCTAAAAAAAGAATGACGAAAAAAAAGAATGACGCAAAAAAAGAATGACGGAAAAAAAG  144900
Query  144901  aattacgtaaaaaaagacaaactaaaaacccagactgcaaaaaaaaaaaggccctaaaaa  144960
Sbjct  144901  AATTACGTAAAAAAAGACAAACTAAAAACCCAGACTGCAAAAAAAAAAAGGCCCTAAAAA  144960
Query  144961  aaaacagaggcaaaaaaaaacagtggtcaaaaaaaacattgtgtaaaaaGCACGTAGTCG  145020
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Query  145021  AAAACTTAGGGCGGTCAGCTGTTATCGCTGCCGGGAGTGGTCCGTGATTCGGGTGCTCAC  145080
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Query  145081  TGGATTCACtttttttttttttctttttttttttttttttttttttttttttttttttt  145140
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Query  145141  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  145200
Sbjct  145141  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  145200
Query  145201  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  145260
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Query  145261  ttttttttttttttttttAATAATTTCGTcaaaaaacaaacaaacaaaaaaaaaaaag  145320
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Query  145321  aaataaaaaaaaaagaaataaaaaaaaaaataacaaaaaaaacaaataacgaaaaaaac  145380
Sbjct  145321  AAATAAAAAAAAAAAGAAATAAAAAAAAAAATAACAAAAAAAACAAATAACGAAAAAAAC  145380
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Sbjct  145381  AACAAACTAAAAAAACAACAAAGAAAAAAAAAAAACCAAGCAAAAAAACAACGAAGGAAAA  145440
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Sbjct  145441  AAAAAACGAAGTAAAAAAACAACTAATCAAAAAAACAACTAATCAAAAAAACAAGAAATT  145500
Query  145501  aaaaaaacaagcacaaaaaaaaacaagcacaaaaaaaaacaaggacagaaaaaaagaagg  145560
Sbjct  145501  AAAAAAACAAGCACAAAAAAAAACAAGCACAAAAAAAAACAAGGACAGAAAAAAAGAAGG  145560
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Query  145561  acataaaaaaacaagtacataaaaaaagaataacccaaaaaaacaatcaccgaaaaaaag  145620
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Query  145621  aatcaccgaaaaaaagaatgacgaaaaaaaacaattacgcaaaaaaagaattacggaaaa  145680
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Query  145681  aaagaattacggaaaaccacgacagattaaaaaaaaacttccagaaaaaaaacacagcga  145740
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Query  145741  aaaaaaaacagaggcaaaaaagagcgcaggcaaaaaCTGAGGCCGGGTAGCTGTTATCGC  145800
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Query  145801  TGCCGGGAGTGGTCCGTGATTCGGGTGCTCACTGGATTCACtttttttttttttctttt  145860
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Query  145861  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  145920
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Sbjct  145861  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  145920

Query  145921  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  145980
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Query  145981  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  146040
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Sbjct  145981  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  146040

Query  146041  tttttttAAGGATTCCGTaaaaaaaagaaagaaagaaaaaaaaaaacaaacaaaaaaac  146100
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Sbjct  146041  TTTTTTTAAGGATTCCGTAAAAAAAAGAAAGAAAGAAAAAAAAAAACAAACAAAAAAAC  146100

Query  146101  aaacaaataaaaaaaaaaagaaataaaaaaacaaataacaaaaaaaacaaataacgaaaa  146160
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Query  146161  aaacaacaaactaaaaaaacaacaaagaaaaaaaaaaaccaagcaaaaaaacaacgaagg  146220
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Query  146221  aaaaaaacaactaagtaaaaaaacaactaagtaaaaaaacaactaatcaaaaaaacaaga  146280
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Query  146281  aatgaaaaaaacaagcaattaaaaaaacaagcacaaaaaaaaacaaggacacaaaaaag  146340
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Query  146341  aagtacagaaaaaaagaagtacataaaaaaacaagtaccaaaaaaaacaataacccaaaa  146400
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Query  146401  aaacaatcaccgaaaaaaagaatgacctaaaaaaacaatgacgaaaaaaaagaattacgc  146460
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Sbjct  146401  AAACAATCACCGAAAAAAAGAATGACCTAAAAAAACAATGACGAAAAAAAAGAATTACGC  146460

Query  146461  aaaacattgaaggatgaaaaaaaaaccacactaaaaaaaaaTTTGAGTAAAAAGACCCTG  146520
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Sbjct  146461  AAAACATTGAAGGATGAAAAAAAAACCACACTAAAAAAAAATTTGAGTAAAAAGACCCTG  146520

Query  146521  GCCCAAAACTCCGGAGGGGCAGCTGTTATCGCTGCCGGGAGTGGTCCGTGATTCGGGTGC  146580
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Query  146581  TCACTGGATTCACtttttttttttttctttttttttttttttttttttttttttttttt  146640
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Query  146641  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  146700
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Query  146701  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  146760
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Sbjct  146701  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  146760

Query  146761  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttAAGA  146820
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Sbjct  146761  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAGA  146820

Query  146821  ATGTCGGGaaaaaaacaaacaaacaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaacaaaa  146880
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Sbjct  146881  AAAAAAACAAAGAAAAAAAACAAACAAATAAAAAAACAAAGAACAAAAAAAAAAAATAACC  146940

Query  146941  aaaaaaaaaacaaactaaaaaaaaaacaaagaaaaaaaaaaaccaagaaaaaaaaaaacc  147000
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Query  147001  aagcaaaaaaaaaacgaaggaaaaaaaaaactaataaaaaaaaaaactaatcaaaaaaac  147060
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Query  147061  aactaatgaaaaaaacaagaaattaaaaaaacaagcaattaaaaaaacaaggacacaaaa  147120
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Query  147121  aaacaaggacagaaaaaaacaagtacataaaaaaacaataacataaaaaaacaataaccc  147180
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Query  147181  aaaaaaacaatcaccgaaaaaaacaatcacctaaaaaaagaatgacgaaaaacatcgaaa  147240
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Query  147241  gataaaaaaaaaaaGGATTCAAAAACTTCCCTGACAAAAACTACGCTGGGGAAGCCGTGC  147300
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Query  147301  TCCGTGAGGGCTGTATTCCGTGATTCGGGTGCTCACTGGATTCACtttttttttttttc  147360
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Query  147361  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  147420
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Query  147421  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  147480
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Query  147541  tttttttttttttttttttttttttttttttttttttttttttAACCATGACGGaaaaa  147600
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Query  147601  aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  147660
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Query  147661  aaaaaaaataaataaataaaaaaataaataaataaaaaaaaaaaaaaaaaaaaaaaaaaa  147720
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Query  147721  aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  147780
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Query  147781  aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  147840
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Query  147841  aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  147900
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Query  147901  aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  147960
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Query  147961  aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  148020
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Query  148021  agaacaGCAAAACTACGCTCGGGCACGTGTGCTCCGTGCAGCCGGTCATATCTCGGTCCG  148080
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Query  148081  GGGGTCCATGGGTTATCtttttttttttttttttttttttttttttttttttttttttttttttt  148140
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Query  148141  ttttttttttttttttttttttttttttttttttttttt
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Query  148921  ttttttt
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Query  150601  ttttttttttgttttctttttttttttttttttttttttttttttttttttttttttt  150660
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Query  150661  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  150720
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Query  150721  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  150780
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Query  150841  TTAGTACGTAGTTGCCTTAGTACATATATGCCTTAGTAATTATATGCCTTAGTAATTATA  150900
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Query  150901  TGCCTTAGTAATTATATGCCTTAGTAATTATATGCCTTAGTAATTATATGCCTTAGTAAT  150960
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Query  150961  TATATGCCTTAGTAATTATATGCCTTAGTAATTATATGCCTTAGTAATTATATGCCTTAG  151020
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Query  151021  TAATTATATGCCTTAGTAATTATATGCCTTAGTAATTATATGCCTTAGTAATTATATGCC  151080
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Query  151081  TTAGTAATTATATGCCTTAGTAATTAGTTGCCTTAGTACATATCTGCATTACTACTTAGT  151140
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Query  151381  tgccttagctattatatgccttagctattatatgccttagctattatatgccttagctat  151440
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Query  151441  tatatgccttagctattatatgccttagctattatatgccttagctattatatgccttag  151500
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Query  151621  tgccttagctCATAGTTGCATTAGCTGGTATATGCATTAGGATATATCTGCCTTAGGTAG  151680
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Sbjct  151621  TGCCTTAGCTCATAGTTGCATTAGCTGGTATATGCATTAGGATATATCTGCCTTAGGTAG  151680

Query  151681  TAGCTGGATTAATCTGGttttcttttttttcttttttttttttttttgtttttttttttt  151740
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  151681  TAGCTGGATTAATCTGGTTTTCTTTTTTTTCTTTTTTTTTTTTTTTTTGTTTTTTTTTTTT  151740

Query  151741  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  151800
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  151741  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  151800

Query  151801  tttttttttATAGCGCACTCCACCAAGTCCGAACGTAAATTATCACGCCCTAGAAGCATCT  151860
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  151801  TTTTTTTTTATAGCGCACTCCACCAAGTCCGAACGTAAATTATCACGCCCTAGAAGCATCT  151860

Query  151861  CGGACTCAAACGATGCCGGCCTCAAACCATGCCGGCCTCAAACCATGGCGGTCTCCAACC  151920
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Sbjct  151861  CGGACTCAAACGATGCCGGCCTCAAACCATGCCGGCCTCAAACCATGGCGGTCTCCAACC  151920

Query  151921  ATGTCGTACTCCAACCATTCCGTGCTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCG  151980
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  151921  ATGTCGTACTCCAACCATTCCGTGCTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCG  151980

Query  151981  AACCATTCCGTTCTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCGAACCATTCCGTT  152040
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Sbjct  151981  AACCATTCCGTTCTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCGAACCATTCCGTT  152040

Query  152041  CTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCGAACCATTC  152100
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  152041  CTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCGAACCATTC  152100

Query  152101  CGTTCTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCGAACG  152160
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  152101  CGTTCTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCGAACCATTCCGTTCTCGAACG  152160

Query  152161  AGGACGTCCTGCAACTTATATGCATTAGGATATAGTTGCCTGTTTATGGTTTTGGGTGGG  152220
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Sbjct  152161  AGGACGTCCTGCAACTTATATGCATTAGGATATAGTTGCCTGTTTATGGTTTTGGGTGGG  152220

Query  152221  TTAttttttttttttttgtttttttttttttttttttttttttttttttttttttttt  152280
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  152221  TTATTTTTTTTTTTTTTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  152280
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Query  152281  ttttttttttttttttttttttttttttttttttttttttATAGCATGCCCTaaaaaaag  152340
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Sbjct  152281  ttttttttttttttttttttttttttttttttttttttttATAGCATGCCCTAAAAAAAG  152340

Query  152341  agtccaaaaaaaaaagagtccaaaaaaaaaagagtccaaaaaaaaaagagtccaaaaaaa  152400
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Sbjct  152341  AGTCCAAAAAAAAAAGAGTCCAAAAAAAAAAGAGTCCAAAAAAAAAAGAGTCCAAAAAAA  152400

Query  152401  aaagagtccaaaaaaaaaagagtccaaaaaaaaaagagtccaaaaaaaaaagagtccaaa  152460
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Sbjct  152401  AAAGAGTCCAAAAAAAAAAGAGTCCAAAAAAAAAAGAGTCCAAAAAAAAAAGAGTCCAAA  152460

Query  152461  aaaaaaagagtccaaaaaaaaaagagtccaaaaaaaaaagagtccaaaaaaaaaagagtc  152520
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Sbjct  152461  AAAAAAAGAGTCCAAAAAAAAAAGAGTCCAAAAAAAAAAGAGTCCAAAAAAAAAAGAGTC  152520

Query  152521  caaaaaaaaaagagtccaaaaaaaaaagagtccaaaaaaaaaagagtccaaaaaaaaaag  152580
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Sbjct  152521  CAAAAAAAAAAGAGTCCAAAAAAAAAAGAGTCCAAAAAAAAAAGAGTCCAAAAAAAAAAG  152580

Query  152581  agtccaaaaaaaaaagagtccaaaaaaaaaagagtccaaaaaaaaaagagtccaaaaaaa  152640
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Sbjct  152581  AGTCCAAAAAAAAAAGAGTCCAAAAAAAAAAGAGTCCAAAAAAAAAAGAGTCCAAAAAAA  152640

Query  152641  aaagagtccaaaaaaaaaaaaTATCGCGAAAAAGGGCGTGCTGGAACCTAGTTGCGTTAG  152700
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Sbjct  152641  AAAGAGTCCAAAAAAAAAAAAATATCGCGAAAAAGGGCGTGCTGGAACCTAGTTGCGTTAG  152700

Query  152701  CTGGTATGTGCATTAGTACGTACATGGTTGGTTTAGtttttttttttttttgttttttt  152760
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Sbjct  152701  CTGGTATGTGCATTAGTACGTACATGGTTGGTTTAGTTTTTTTTTTTTTTTGTTTTTTT  152760

Query  152761  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  152820
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Query  152821  tttttttttttttATCGCATCCCCTaaaaactgactcactcaaaaaacaacttatcgaaaa  152880
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  152821  TTTTTTTTTTTTATCGCATCCCCTAAAAACTGACTCACTCAAAAAACAACTTATCGAAAA  152880

Query  152881  aacaagaaatctaaaaaacaagacatgcaaaaaacaagagatggaaaaaaccagatatta  152940
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  152881  AACAAGAAATCTAAAAAACAAGACATGCAAAAAACAAGAGATGGAAAAAACCAGATATTA  152940

Query  152941  aaaaaacaagcaattgaaaaaacaagccatttaaaaaaccagcccaaaaaaaaaccagcg  153000
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Sbjct  152941  AAAAAACAAGCAATTGAAAAAACAAGCCATTTAAAAAACCAGCCCAAAAAAAAACCAGCG  153000

Query  153001  caagaaaaaaccagctcaataaaaaaccaggacacgaaaaaaccaggccactaaaaaacg  153060
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Sbjct  153001  CAAGAAAAAACCAGCTCAATAAAAAACCAGGACACGAAAAAACCAGGCCACTAAAAAACG  153060

Query  153061  agggcagcaaaaaacgaggtcaggaaaaaaccaggtcataaaaaaacgagtacatcaaaa  153120
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Sbjct  153061  AGGGCAGCAAAAAACGAGGTCAGGAAAAAACCAGGTCATAAAAAAACGAGTACATCAAAA  153120

Query  153121  aacgagtccattaaaaaaccagtgccaaaaaaaaccagtgccagaaaaaaagagtccaaa  153180
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Sbjct  153121  AACGAGTCCATTAAAAAACCAGTGCCAAAAAAAACCAGTGCCAGAAAAAAAGAGTCCAAA  153180

Query  153181  aaaaaGGGCGTGCTGGAACATATATGCCTTAGCTCATAGTTGCCTTAGTACATAGATGTC  153240
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Query  153241  TGTCTTACtttttttttttttttgtttttttttttttttttttttttttttttttttttt  153300
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Query  153301  tttttttttttttttttttttttttttttttttttttttttATATCAGGCCCGaaaa  153360
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Sbjct  153301  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATATCAGGCCCGAAAA  153360

Query  153361  actcacgtactaaaaaaacaactgatcaaaaaaacaacttatccaaaaaacaagaaatct  153420
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Query  153421  aaaaaacaagaaatgaaaaaaacaagacatggaaaaaacaagagatgtaaaaaaccagat  153480
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Query  153601  aaccaggtcagcaaaaaaccaggtcagtaaaaaaccagtacataaaaaaaccagtccatc  153660
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Query  156001  aaatactaataaaaaaaacaactaatagaaaaaaatactcatataaaaaacaactgatca  156060
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Query  156301  TAATTAGATGTCTGTCTTACtttttttttttttttgtttttttttttttttttttttttt  156360
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Query  156961  aaagaccgagccaaaaaaagaccgagctaaaaaaatacctaggaaaaaaaatacgaaggg  157020
Sbjct  156961  AAAGACCGAGCCAAAAAAAGACCGAGCTAAAAAAATACCTAGGAAAAAAAATACGAAGGG  157020

Query  157021  aaaaaaatacgcaggtaaaaaacaacggagtcaaaaaacaacgtagttaaaaaaatacta  157080
Sbjct  157021  AAAAAAATACGCAGGTAAAAAACAACGGAGTCAAAAAACAACGTAGTTAAAAAAATACTA  157080

Query  157081  ataaaaaaaacaactaatacaaaaaaatactcatataaaaaaatactgatcaaaaaaaat  157140
Sbjct  157081  ATAAAAAAAACAACTAATACAAAAAAATACTCATATAAAAAAATACTGATCAAAAAAAAT  157140

Query  157141  acttatcgaaaaaacaagaaatgaaaaaaacaagacatggaaaaaacaagagatggaaaa  157200
Sbjct  157141  ACTTATCGAAAAAACAAGAAATGAAAAAAACAAGACATGGAAAAAACAAGAGATGGAAAA  157200

Query  157201  aaccagatattaaaaaaaccagatattgaaaaaacaagcaatttaaaaaacaagcccaac  157260
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Query  157261  aaaaaaagagtccaaaaaaaaGGTCGTGCTGTAACATATATGCCTTAGCTATTATATGCC  157320
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Query  157381  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  157440
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Query  157441  AGATATGTCAGTaaaaaccaacatacataaaaaaagaccaagataaaaaaatacccagcc  157500
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Query  157501  aaaaaaatacccgagcgaaaaaaagacctaggaaaaaaaatacgaaggcaaaaaaatacgc  157560
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Sbjct  157501  AAAAAAATACCGAGCGAAAAAAAGACCTAGGAAAAAAAATACGAAGGCAAAAAAATACGC  157560

Query  157561  aggtaaaaaaatacgcagtcaaaaaaatacggagtgaaaaaacaacgtataaaaaaaaat  157620
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Query  157621  actcatacaaaaaaatactcatataaaaaaatactgatcaaaaaaacaacttatccaaaa  157680
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Sbjct  157621  ACTCATACAAAAAAATACTCATATAAAAAAATACTGATCAAAAAAACAACTTATCCAAAA  157680

Query  157681  aacaacttatctaaaaaacaagacatgcaaaaaacaagagatggaaaaaacaagagatta  157740
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Sbjct  157681  AACAACTTATCTAAAAAACAAGACATGCAAAAAACAAGAGATGGAAAAAACAAGAGATTA  157740

Query  157741  aaaaaaccagatattcaaaaaaccagcaatttaaaaaaagagtccaaaaaaaaGGTCGTG  157800
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Query  157801  CTGTAACATATATGCCTTAGCTATTATATGCCTTAGTAATTAGATGTCTGTCTTACtttt  157860
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Query  157981  aaaaaaagacatagacaaaaaaagaccaagataaaaaaagaccaagcaaaaaaaagaccg  158040
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Query  158161  aaatactaatagaaaaaaatactcatataaaaaacaacttatccaaaaaacaacttatct  158220
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Query  158521  agacaaaaaaagacatagagaaaaaaataccaagcaaaaaaaagacccagccaaaaaaat  158580
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Query  158581  acctagctaaaaaaatacctaggcaaaaaaatacgaagggaaaaaaatacgaagtaaaaa  158640
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Query  158641  aaatacggagtaaaaaaaatacggagtgaaaaaaatactaataaaaaaaaatactaatac  158700
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Query  159001  acaaaaaaaaagacacactcaaaaaaagacagactgaaaaaaagacatagaaaaaaaaag  159060
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Query  159121  aaatacctagctaaaaaaatacgaaggcaaaaaaatacgcaggtaaaaaaatacggagta  159180
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Query  159181  aaaaaaatacggagtgaaaaaaatacgtagttaaaaaaatactaatacaaaaaaatactc  159240
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Query  159241  atagaaaaaacaactcatcaaaaaaaatacttatccaaaaaacaagaaatctaaaaaaca  159300
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Query  159301  agacatgaaaaaaaagagtccaaaaaaaaGGTCGTGCTGTAACATATATGCCTTAGCTAT  159360
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Query  159361  TATATGCCTTAGTAATTAGATGTCTGTCTTACtttttttttttttttgtttttttttttt  159420
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Query  160741  acgaaggcaaaaaaatacgcagggaaaaaaatacgcagtaaaaaaaatacggagtgaaaa  160800
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Query  161461  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  161520
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Sbjct  161461  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  161520

Query  161521  tttttttttttttttACATAGGTATTTaaaaaaggaaggaaggaaaaaaaagaaggacat  161580
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Sbjct  161521  TTTTTTTTTTTTTTTACATAGGTATTTAAAAAAGGAAGGAAGGAAAAAAAGAAGGACAT  161580

Query  161581  aaaaaaagaataaccaaaaaaaagaatcaccgaaaaaaagaatcacgaaaaaaaacaatg  161640
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Sbjct  161581  AAAAAAAGAATAACCAAAAAAAAGAATCACCGAAAAAAAGAATCACGAAAAAAAACAATG  161640

Query  161641  acgcaaaaaaagaattacggaaaaaaagacaaactaaaaaaaagacacactcaaaaaag  161700
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Sbjct  161641  ACGCAAAAAAAGAATTACGGAAAAAAAGACAAACTAAAAAAAAGACACACTCAAAAAAG  161700

Query  161701  acagactgaaaaaaagacatagaaaaaaaaagaccaagagaaaaaaatacccagcaaaaa  161760
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Query  161761  aaatacccagccaaaaaaatacctagcgaaaaaaagaccgaggaaaaaaaagacgaaggc  161820
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Query  161821  aaaaaaatacgcaggtaaaaaaatacggagtcaaaaaacaacgtagtgaaaaaaagagtc  161880
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Query  161941  TGTCTGTCTTACtttttttttttttttgtttttttttttttttttttttttttttttttt  162000
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Sbjct  161941  TGTCTGTCTTACTTTTTTTTTTTTTTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  162000

Query  162001  tttttttttttttttttttttttttttttttttttttttttttttACACAGGCATTc  162060
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Query  162061  aaaaaagcaagcaagcaaaaaaacaagcacaaaaaaaaagaaggacagaaaaaaacaagt  162120
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Query  162121  accaaaaaaaacaataacccaaaaaaacaatcaccgaaaaaaacaatgacgaaaaaaaag  162180
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Query  162181  aattacgcaaaaaaagaattacgtaaaaaaagacaaactaaaaaaaatacacactgaaaa  162240
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Query  162241  aaagacatagaaaaaaaaagacatagacaaaaaaagaccaagataaaaaaatacccagca  162300
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Query  162301  aaaaaaagaccgagcgaaaaaaatacctagctaaaaaaatacgaaggcaaaaaaatacga  162360
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Query  162481  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  162540
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Query  162541  ttttttttttttttttttttAATTAGCTATTaaaaaaaagaaagaaagaaaaaaaacaagc  162600
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Query  162601  aattaaaaaaacaaggacaaaaaaaaagaaggacacaaaaaaacaagtacataaaaaaag  162660
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Query  162781  aaaaaaagacatagacaaaaaaatacatagagaaaaaaagacccagcaaaaaaaagaccg  162840
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Query  162841  agcgaaaaaaatacctagctaaaaaaatacgaaggaaaaaaaatacgaagggaaaaaaag  162900
Sbjct  162841  AGCGAAAAAAATACCTAGCTAAAAAAATACGAAGGAAAAAAAATACGAAGGGAAAAAAAG  162900
Query  162901  agtccaaaaaaaaGGGCGTGCTGGAACATATATGCCTTAGCTCATAGTTGCCTTAGTACA  162960
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Query  162961  TAGATGTCTGTCTTACtttttttttttttttgtttttttttttttttttttttttttttt  163020
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Query  163081  ATGGaaaaaactaactaactaaaaaaacaactaatcaaaaaaacaagaaatgaaaaaaac  163140
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Query  163141  aagcaattaaaaaaacaaggacacaaaaaaacaagtacagaaaaaaacaagtaccaaaaa  163200
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Query  163801  acgtaaaaaaagacaaactcaaaaaaagacacactgaaaaaaagacagacttaaaaaaag  163860
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Query  163981  TATAGTTTTCCATGGGTTAtttttttttttttttgtttttttttttttttttttttttttt  164040
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Query  164041  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttAAGC  164100
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Query  164101  AGAGATGaaaaaaaccaacaaacaaaaaaaacaacaaagaaaaaaaaaaaccaaggaaaa  164160
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Query  164161  aaacaactaagtaaaaaaacaactaatcaaaaaaacaagaaatgaaaaaaacaagcacaa  164220
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Query  164341  acaaactaaaaaaaagacacactgaaaaacggcagccgtgaaaaacaccctggtgaaaaa  164400
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Query  164401  aCGACGGGTACTAAAAAGACCTCATAGCAAAAAGGGCTTCTAGGAAAACAGGCTTTGCTG  164460
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Query  164461  ACCCGTCGTCAATCTCGCTCGTCTTAGTTCGATCGATACGTACGTGATTTCGttttttt  164520
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Query  164521  ttttttgtttttttttttttttttttttttttttttttttttttttttttttttttttt  164580
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Query  164581  ttttttttttttttttttttttttttttAACTACTTATCCaaaaaaaataaataacaaaaa  164640
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Query  164821  aatcacctaaaaaaagaatgacgaaaaaaaagaattacggaaaaaaagacaaacgtaaaa  164880
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Query  165121  AACCACTCATCCaaaaaaagaaataaagaaaaaaaaaaagaacaaaaaaaaaaaataacg  165180
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Query  165181  aaaaaaaaaacaaactaaaaaaacaaccaagaaaaaaaacaacgaaggaaaaaaacaacg  165240
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Query  165241  aataaaaaaaacaactaatcaaaaaaacaagcaatgaaaaaaacaagcacaaaaaaaaac  165300
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Query  165541  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  165600
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Query  165661  aaaaaaaaaaacaaagaaaaaaaaaaagaaataaaaaaaaaaaataaccaaaaaaaaaat  165720
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Query  165721  aactaaaaaaaaaaccaagaaaaaaaacaaccaagcaaaaaaacaacgaagtaaaaaaac  165780
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Query  165781  aactaataaaaaaaaaaagaaatgaaaaaaacaagcacaaaaaaaaagaaggacagaaaa  165840
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Query  165841  aaagaagtacagaaaaaaagaataacccaaaaaaagaataaccgaaaaaaacaatgacga  165900
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Query  165901  aaaaacagagttccaaaaaaaaaaaGCTCGGCAAAAATCTCGTAGCCCAATTGGACGTTG  165960
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Query  165961  TATACTGCGGTGTACCTCCAGTTCGGGGGTTCTCAATGCAGCTTGTTTGttttctttttt  166020
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Sbjct  166321  ACATACATACATAAAAACCCACCAACCCAAAAACCTACCGACCGAAAAACGGACGAACGA  166380

Query  166381  aaaaacgtacggacgtaaaaactcactaactaaaaaacacagtgcattaaaaaTcccccc  166440
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  166381  AAAAACGTACGGACGTAAAAACTCACTAACTAAAAAACACAGTGCATTAAAAATCCCCCC  166440

Query  166441  cTGCAAGCGGATTAAATATTCCTCGGTGTACTTCATGGTCGGCCGTTCTATGTGAAGCTT  166500
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Sbjct  166441  CTGCAAGCGGATTAAATATTCCTCGGTGTACTTCATGGTCGGCCGTTCTATGTGAAGCTT  166500

Query  166501  GTTTGttttctttttttttttttttgtttttttttttttttttttttttttttttttttt  166560
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  166501  GTTTGTTTTTCTTTTTTTTTTTTTTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  166560

Query  166561  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  166620
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  166561  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  166620

Query  166621  tttttttttttttttttttttttttttttttttttAAACAGGTCCCCAACGAAAGAGCC  166680
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  166621  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAACAGGTCCCCAACGAAAGAGCC  166680

Query  166681  CACGAACGAACCAGGACAGCAACGAACGAGGCCAGTAACGAAGCAGGTCATAAACGAAGT  166740
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  166681  CACGAACGAACCAGGACAGCAACGAACGAGGCCAGTAACGAAGCAGGTCATAAACGAAGT  166740

Query  166741  AGTGCATCAACGAATGATAACATTAACGACAAATATCCAAAACGACAGATCACCAGAACG  166800
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  166741  AGTGCATCAACGAATGATAACATTAACGACAAATATCCAAAACGACAGATCACCAGAACG  166800

Query  166801  ACATATCGCCATAACGACCGATGCCCCCAACGACGCATTACCCGAACGACGTATTGCCGA  166860
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  166801  ACATATCGCCATAACGACCGATGCCCCCAACGACGCATTACCCGAACGACGTATTGCCGA  166860

Query  166861  AACGACTAATTTCCGCAACGACTGCAACCCGTAACGAGACCACACCTAAACGAGCACACG  166920
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  166861  AACGACTAATTTCCGCAACGACTGCAACCCGTAACGAGACCACACCTAAACGAGCACACG  166920

Query  166921  CCTCAACGAGAACCAACTAAATGCAGCCCCGACTGCTGGttttttttttttttttttttt  166980
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  166921  CCTCAACGAGAACCAACTAAATGCAGCCCCGACTGCTGGTTTTTTTTTTTTTTTTTTTTT  166980

Query  166981  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  167040
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Sbjct  166981  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  167040

Query  167041  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  167100
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Sbjct  167041  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  167100

Query  167101  ttttaattttttttttttaaattttttttttttgaattttttttttttgaattttttt  167160
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  167101  TTTTAATTTTTTTTTTTTAAATTTTTTTTTTTTGAATTTTTTTTTTTTGAATTTTTTT  167160

Query  167161  ttttttgaattttttttttttgaattttttttttttgaattttttttttttgaatt  167220
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  167161  TTTTTTGAATTTTTTTTTTTTGAATTTTTTTTTTTTGAATTTTTTTTTTTTGAATT  167220

Query  167221  tttttttttttgaattttttttttttgaattttttttttttgaattttttttttttg  167280
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  167221  TTTTTTTTTTTGAATTTTTTTTTTTTGAATTTTTTTTTTTTGAATTTTTTTTTTTTG  167280

Query  167281  aattttttttttttgaattttttttttttgaattttttttttttgaattttttttt  167340
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Sbjct  167281  AATTTTTTTTTTTTGAATTTTTTTTTTTTGAATTTTTTTTTTTTGAATTTTTTTTT  167340

Query  167341  tttgaattttttttttttgaattttttttttttgaattttttttttttgaattttttt  167400
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Sbjct  167341  TTTGAATTTTTTTTTTTTGAATTTTTTTTTTTTGAATTTTTTTTTTTTGAATTTTTTT  167400
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Query  167401  ttttttgaattttttttttttttgaattttttttttttttgaattttttttttttttgaatt  167460
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Sbjct  167401  TTTTTTGAATTTTTTTTTTTTTGAATTTTTTTTTTTTTGAATTTTTTTTTTTTTGAATT  167460

Query  167461  tttttttttttgaattttttttttttttgaattttttttttttttgaattttttttttttg  167520
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Sbjct  167461  TTTTTTTTTTTGAATTTTTTTTTTTTTTGAATTTTTTTTTTTTTTGAATTTTTTTTTTTTTTG  167520

Query  167521  aatttttttttttttgaattttttttttttttaaattttttttttttttaaattttttttttt  167580
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  167521  AATTTTTTTTTTTTTGAATTTTTTTTTTTTTTAAATTTTTTTTTTTTTTAAATTTTTTTTTTT  167580

Query  167581  ttgaaattttttttttttaaaattttttttttgaaaatccttttttttttttttgtttttt  167640
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  167581  TTGAAATTTTTTTTTTTTAAAATTTTTTTTTGAAAATCCTTTTTTTTTTTTTTTGTTTTTT  167640

Query  167641  tttttttttctttttttttttttttttgttttctttttttttttttttttttttttttttt  167700
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  167641  TTTTTTTTTCTTTTTTTTTTTTTTTTTGTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  167700

Query  167701  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  167760
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  167701  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  167760

Query  167761  tttttttttttttttttttttttttttttttttttttttttttttttttATATGATTTAC  167820
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  167761  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATATGATTTAC  167820

Query  167821  TAGATATATGCCTTAGGACTTATCTGCATTAGCCTCtatatgccttagccactatatgcc  167880
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Sbjct  167821  TAGATATATGCCTTAGGACTTATCTGCATTAGCCTCTATATGCCTTAGCCACTATATGCC  167880

Query  167881  ttagccaatatatgccttagccaatatatgccttagccaatatatgccttagccaatata  167940
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  167881  TTAGCCAATATATGCCTTAGCCAATATATGCCTTAGCCAATATATGCCTTAGCCAATATA  167940

Query  167941  tgccttagccaatatatgccttagccaatatatgccttagccaCTATCTGCATTAGCCTC  168000
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  167941  TGCCTTAGCCAATATATGCCTTAGCCAATATATGCCTTAGCCACTATCTGCATTAGCCTC  168000

Query  168001  TATATGCCTTAGGACTTATATGATTTACTAGAtttttttttttttttttttttttttttt  168060
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  168001  TATATGCCTTAGGACTTATATGATTTACTAGATTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  168060

Query  168061  ttttCCACGACAGCACAAAAAGCGCCAGCGAGAAAAAGGCCCCTCGCCAAAAAGTACCGC  168120
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  168061  TTTTCCACGACAGCACAAAAAGCGCCAGCGAGAAAAAGGCCCCTCGCCAAAAAGTACCGC  168120

Query  168121  CGCTaaaaagtcccgtcggaaaaaatatcctgcgcgaaaaatcgcgaccggaaaaaatgc  168180
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  168121  CGCTAAAAAGTCCCGTCGGAAAAAATATCCTGCGCGAAAAATCGCGACCGGAAAAAATGC  168180

Query  168181  cgatcggcaaaaatgtcgcgcgggaaaaatTGCGGCCGTAAAAACAGCCGTGCTCAAAAA  168240
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  168181  CGATCGGCAAAAATGTCGCGCGGGAAAAATTGCGGCCGTAAAAACAGCCGTGCTCAAAAA  168240

Query  168241  CACTCTACCTCAAAAATATATGCATTAGCCTGTAGTTGCTTTACGTCCtttttttttttt  168300
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Sbjct  168241  CACTCTACCTCAAAAATATATGCATTAGCCTGTAGTTGCTTTACGTCCTTTTTTTTTTTTT  168300

Query  168301  tttttttttttttttttttttCAGGCTTCGATcaaaaaaatactgatcaaaaaaacaactt  168360
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Query  168361  atctaaaaaacaagacatgtaaaaaacaagatattcaaaaaaccagcccaacaaaaaacc  168420
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Query  168421  agctcacaaaaaaacaaggacactaaaaaaccaggtcagtaaaaaacgagtccatgaaaa  168480
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  168421  AGCTCACAAAAAAACAAGGACACTAAAAAACCAGGTCAGTAAAAAACGAGTCCATGAAAA  168480

Query  168481  aaccagttccacaaaaacACCAAGCCGGAAAATATATGCCTTAGCCACTAGTTGCCTTAG  168540
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  168481  AACCAGTTCCACAAAAACACCAAGCCGGAAAATATATGCCTTAGCCACTAGTTGCCTTAG  168540

Query  168541  GTAAttttttttttttttttttttttttttttttCACACTCTGAGGaaaaaaatacgt  168600
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  168541  GTAATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCACACTCTGAGGAAAAAAATACGT  168600

Query  168601  ataaaaaaaaatactcatataaaaaacaacttatcgaaaaaacaagacatgcaaaaaaca  168660
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  168601  ATAAAAAAAAATACTCATATAAAAAACAACTTATCGAAAAAACAAGACATGCAAAAAACA  168660

Query  168661  agatattaaaaaaacaagcccaaaaaaaaacaagcgcaataaaaaaccaggccactaaaa  168720
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Sbjct  168661  AGATATTAAAAAAACAAGCCCAAAAAAAAACAAGCGCAATAAAAAACCAGGCCACTAAAA  168720

Query  168721  aaccagggcaggaaaaaaccagtacatgaaaaacaacaaaccctaaaaTATATGCCTTAG  168780
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Sbjct  168721  AACCAGGGCAGGAAAAAACCAGTACATGAAAAACAACAAACCCTAAAATATATGCCTTAG  168780

Query  168781  CCAATATATGCCTTAGGGtttttttttttttttttttttttttttttttATTCCTAA  168840
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Sbjct  168781  CCAATATATGCCTTAGGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATTCCTAA  168840

Query  168841  GACGaaaaaaatacgaaggtaaaaaaatacgtagtgaaaaaaatactaatacaaaaaaat  168900
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Sbjct  168841  GACGAAAAAAATACGAAGGTAAAAAAATACGTAGTGAAAAAAATACTAATACAAAAAAAT  168900

Query  168901  actgatccaaaaaacaagaaatgaaaaaaacaagatatgtaaaaaacaagcaatttaaaa  168960
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Sbjct  168901  ACTGATCCAAAAAACAAGAAATGAAAAAAACAAGATATGTAAAAAACAAGCAATTTAAAA  168960

Query  168961  aaccagcccaataaaaaacaaggacacgaaaaaacaagggcagcaaaaaattattgccca  169020
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Query  169021  aaaaTATATGCCTTAGCCAATATATGCCTTAGGGtttttttttttttttttttttttttttt  169080
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Query  169081  ttttttttATCTCGGGGAATaaaaaaaatacctagctaaaaaaaatacgcagggaaaaaaat  169140
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Query  169141  acggagtcaaaaaaatactaatacaaaaaacaactgatcaaaaaaacaacttatctaaaa  169200
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Sbjct  169141  ACGGAGTCAAAAAAATACTAATACAAAAAACAACTGATCAAAAAAACAACTTATCTAAAA  169200

Query  169201  aacaagacatgtaaaaaaccagatattgaaaaaacaagcgcaacaaaaaaccagctcaca  169260
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Query  169261  aaaaaattattaccaaaaaaTATATGCCTTAGCCAATATATGCCTTAGGGtttttttttt  169320
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Query  169321  tttttttttttttttttttttttATAACGATCTTTaaaaaaatacccaagagaaaaaaag  169380
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Query  169381  acccagccaaaaaaatacgaaggcaaaaaaatacgcagtaaaaaaaatacgtataaaaaa  169440
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Sbjct  169381  ACCCAGCCAAAAAAATACGAAGGCAAAAAAATACGCAGTAAAAAAAATACGTATAAAAAA  169440

Query  169441  aaatactcatataaaaaacaacttatcgaaaaaacaagacatgcaaaaaacaagatattc  169500
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Query  169501  aaaaaaccagcacaaaaaaaaaTGATGGCATGAAAATATATGCCTTAGCCAATATATGCC  169560
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Sbjct  169501  AAAAAACCAGCACAAAAAAAAATGATGGCATGAAAATATATGCCTTAGCCAATATATGCC  169560

Query  169561  TTAGGGtttttttttttttttttttttttttttttttAGGGCCTCCTTaaaaaaaaag  169620
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  169561  TTAGGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAGGGCCTCCTTAAAAAAAAG  169620

Query  169621  acacacttaaaaaaagacatagagaaaaaaatacccagcaaaaaaaatacctaggaaaaa  169680
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Sbjct  169621  ACACACTTAAAAAAAGACATAGAGAAAAAAATACCCAGCAAAAAAAATACCTAGGAAAAA  169680

Query  169681  aaatacgcagtaaaaaaaatacgtagtgaaaaaacaactcatagaaaaaacaactgatcc  169740
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Query  169741  aaaaaacaagaaatgcaaaaaacaagagattaaaaaaaTCATCTCAGGAAAATATATGCC  169800
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Query  169801  TTAGCCAATATATGCCTTAGGGtttttttttttttttttttttttttttttttAGAT  169860
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Query  169861  CCCGCTGaaaaaaaacaattacggaaaaaaagacacactgaaaaaaagacatagaaaaaa  169920
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Query  169921  aaagaccaagcaaaaaaaagaccgagctaaaaaaatacgcagggaaaaaaatacggagtg  169980
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Query  169981  aaaaaacaactaatacaaaaaaatactgatccaaaaaacaagaaatgaaaaaaatcatcg  170040
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Query  170041  cagaaaaatATATGCCTTAGCCAATATATGCCTTAGGGtttttttttttttttttttt  170100
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Query  170101  tttttttttttttAGATCCCGCTGaaaaaaaagaataacccaaaaaaagaatgacgcaaaa  170160
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Query  170161  aaagacaaactaaaaaaaagacagagaaaaaaaaataccaagataaaaaaagaccgagcg  170220
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Query  170221  aaaaaaagacgaaggcaaaaaaatacggagtaaaaaaaatacgtataaaaaaaaatactg  170280
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Query  170281  atcaaaaaaataatatcaccaaaatataTGCCTTAGCCAATATATGCCTTAGGGtttttt  170340
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Sbjct  170281  ATCAAAAAAATAATATCACCAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTTTT  170340

Query  170341  tttttttttttttttttttttttttttAGATCCCGCTgaaaaaaaagaaggacagaaaa  170400
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Query  170401  aaacaataacccaaaaaaagaatcacgaaaaaaaagacaaacgtaaaaaaagacagactg  170460
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Query  170461  aaaaaaagacatagacaaaaaaatacccagccaaaaaaatacctaggaaaaaaaatacgc  170520
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Query  170521  agtaaaaaaaatacgtagttaaaaaataatagcaagaaaataGGTGCATTAACCCCTAGG  170580
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Query  170581  TGCCTTAGGTAGtttttttttttttttttttttttttttttAGATCCCGCTGaaaaa  170640
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Sbjct  170581  TGCCTTAGGTAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAGATCCCGCTGAAAAA  170640

Query  170641  aaacaactaatcaaaaaaacaaggacacaaaaaaagaagtacataaaaaaagaatcacct  170700
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Sbjct  170641  AAACAACTAATCAAAAAAACAAGGACACAAAAAAAGAAGTACATAAAAAAAGAATCACCT  170700

Query  170701  aaaaaaagaattacggaaaaaaagacacactcaaaaaaagacatagacaaaaaaagaccc  170760
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Sbjct  170701  AAAAAAAGAATTACGGAAAAAAAGACACACTCAAAAAAAGACATAGACAAAAAAAGACCC  170760
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Query  170761  agccaaaaaaatacctagctaaaaaaatacgcaggtaaaaaaGTATCGCACCAAAATACC  170820
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Sbjct  170761  AGCCAAAAAAATACCTAGCTAAAAAAATACGCAGGTAAAAAAGTATCGCACCAAAATACC  170820

Query  170821  TCTTTGTGCGCGTAAGTCTCTGTAGTTAtttttttttttttttttttttttttttttt  170880
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Sbjct  170821  TCTTTGTGCGCGTAAGTCTCTGTAGTTATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  170880

Query  170881  AGATCCCGCTGaaaaaaaaaaaccaagaaaaaaaacaactaataaaaaaaacaagcaatt  170940
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Sbjct  170881  AGATCCCGCTGAAAAAAAAAAAACCAAGAAAAAAAACAACTAATAAAAAAAACAAGCAATT  170940

Query  170941  aaaaaaacaagtacataaaaaaacaatcaccgaaaaaaagaatgacgcaaaaaaagacaa  171000
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Query  171001  actcaaaaaaaaagggatataaaaaaaaagggatataaaaaaGGCATACCCCAAAACCCG  171060
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Sbjct  171001  ACTCAAAAAAAAAAGGGATATAAAAAAAAAGGGATATAAAAAAGGCATACCCCAAAACCCG  171060

Query  171061  GACTGCATACTTGTTCTCCTTGCTGAGTGTCTTCGATGATTCACtttttttttttttttt  171120
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Sbjct  171061  GACTGCATACTTGTTCTCCTTGCTGAGTGTCTTCGATGATTCACTTTTTTTTTTTTTTTT  171120

Query  171121  tttttttttttttttAGATCCCGCTGaaaaaaaaaaaagaacaaaaaaaaaaacaaaga  171180
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Sbjct  171121  TTTTTTTTTTTTTTTAGATCCCGCTGAAAAAAAAAAAAGAACAAAAAAAAAAAACAAAGA  171180

Query  171181  aaaaaaacaacgaagtaaaaaaacaagaaatgaaaaaaacaaggacagaaaaaaagaata  171240
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Sbjct  171181  AAAAAAACAACGAAGTAAAAAAACAAGAAATGAAAAAAACAAGGACAGAAAAAAAGAATA  171240

Query  171241  accaaaaaaaagaatgacgaaaaaaagaccgcgttaaaaaaagaccgcgttaaaaaaCTT  171300
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Sbjct  171241  ACCAAAAAAAAAGAATGACGAAAAAAAGACCGCGTTAAAAAAAGACCGCGTTAAAAAACTT  171300

Query  171301  CGTCGTTTAAACGTGATCCATGCCCGTGGTACTCACTCTTGTCTGGCGTAGATCTGTGGA  171360
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Sbjct  171301  CGTCGTTTAAACGTGATCCATGCCCGTGGTACTCACTCTTGTCTGGCGTAGATCTGTGGA  171360

Query  171361  tttttttttttttttttttttttttttttttAGATCCCGCTGaaaaaaaaaaaaaaaaa  171420
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Sbjct  171361  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAGATCCCGCTGAAAAAAAAAAAAAAAAA  171420

Query  171421  aaaaaaaaaaacaacaaaaaaaaaaaacaaactaaaaaaacaaccaaggaaaaaaacaact  171480
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Sbjct  171421  AAAAAAAAAAAACAACAAAAAAAAAAAACAAACTAAAAAAACAACCAAGGAAAAAAACAACT  171480

Query  171481  aatgaaaaaaacaagcacacaaaaaaagaataacataaaaagatcccgctgaaaaaaCCC  171540
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Sbjct  171481  AATGAAAAAAACAAGCACACAAAAAAAGAATAACATAAAAAGATCCCGCTGAAAAAACCC  171540

Query  171541  CATAGAGCAAACGCCTGTCTTATCATTCGTAATATATCGTGCGTGGTATAGATCTCTCGG  171600
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Sbjct  171541  CATAGAGCAAACGCCTGTCTTATCATTCGTAATATATCGTGCGTGGTATAGATCTCTCGG  171600

Query  171601  GGGGTACGTGATTTCGtttttttttttttttttttttttttttttttagatcccgctga  171660
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Sbjct  171601  GGGGTACGTGATTTCGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAGATCCCGCTGA  171660

Query  171661  aaaaagatcccgctgaaaaaagatcccgctgaaaaaagatcccgctgaaaaaagatcccg  171720
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Query  171721  ctgaaaaaagatcccgctgaaaaaagaccccactctaaaaaggccctactgtaaaaagat  171780
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Query  171781  cccgctgaaaaaagCGCCCGCTCGTCAGtttttttttttttttttttttttttttttt  171840
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Sbjct  171841  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  171900

Query  171901  ttttattttttttttttttattttttttttttttattttttccacaaaaattttttt  171960
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Query  171961  acgaaaaaattttttagtgaaaaattttttataaaaaaattttttataaaaaaattt  172020
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Sbjct  171961  ACGAAAAAATTTTTTAGTGAAAAATTTTTTATAAAAAAATTTTTTATAAAAAAATTT  172020

Query  172021  ttttatagaaaaattttttatcaaaaaattttttatccaaaaattttttatctaaaa  172080
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Sbjct  172021  TTTTATAGAAAAATTTTTTATCAAAAAATTTTTTATCCAAAAATTTTTTATCTAAAA  172080

Query  172081  atttttttatgcaaaaattttttatggaaaaattttaaattaaaaattttttttttg  172140
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Query  172141  tttttctttttctttctttgttttttttgttttttgttttttacctttctttttttt  172200
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Sbjct  172141  TTTTTCTTTTTCTTTCTTTGTTTTTTTTGTTTTTTGTTTTTACCTTTCTTTTTTTT  172200

Query  172201  tttgttttttgtttgtttgtttttttttgtttttttgtttttttcctttttgtttttttttttc  172260
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Sbjct  172201  TTTGTTTTTGTTTGTTTGTTTTTTTTTGTTTTTTGTTTTTTCCTTTTGTTTTTTTTTTTC  172260

Query  172261  ttttttatttttttttttttttgttttttctttttcccttttactttttttttttatttt  172320
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Sbjct  172261  TTTTTATTTTTTTTTTTTTTTGTTTTTTCTTTTTCCCTTTACTTTTTTTTTTTTATTTT  172320

Query  172321  tctttctttttttttttttgttttttctttttcccttttctttttttttttgtttttttgtt  172380
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Sbjct  172321  TCTTTCTTTTTTTTTTTTTGTTTTTTCTTTTTCCCTTTCTTTTTTTTTTTGTTTTTTGTT  172380

Query  172381  tgtttttttttttttgtttttttctttttgcctttggtttttttttttggtttttatttatt  172440
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Sbjct  172381  TGTTTTTTTTTTTTTGTTTTTTCTTTTTGCCTTTGGTTTTTTTTTTTGGTTTTTATTTATT  172440
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Query  172441  ttttttttttttgttttttctttttttcccttcggttttttttttgctttttctttctttttt  172500
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Query  172501  ttttttttgttttttctttttttcccttgtttttttttttttgattttttgtttgtttttttttt  172560
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Query  172561  tttgtttttctttttttgcctttgtttttttttttctttttttttttttttatagaaacatag  172620
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Query  172621  aaacagttttttttttttttttttttttttttgtttttttttttttttttttttttgtgtttt  172680
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Query  172681  tttttttttttttttttttttttttttctttttttttttttATGTTCTCAACCGTGATGAT  172740
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Query  172801  GCGTTGTGCGCGGGGTGTTGTCTTTCTGTGTGGAGGCCATCACCGCGAtttttttttttt  172860
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Sbjct  172801  GCGTTGTGCGCGGGGTGTTGTCTTTCTGTGTGGAGGCCATCACCGCGATTTTTTTTTTTT  172860

Query  172861  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  172920
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Sbjct  172861  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  172920

Query  172921  tttttttttttttttttttttttctctttttttttttttttactttttttttttcgct  172980
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Query  173041  cactttttttttttttttctttttttttttttttttttttttttttttttttttttttttttttttt  173100
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Sbjct  173041  CACTTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  173100

Query  173101  ttttattttttttttttttttttattttttttttttttttttttttttttttttttgtagtttt  173160
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Sbjct  173101  TTTTATTTTTTTTTTTTTTTTTTATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  173160

Query  173161  ggggttttgtcgtttttttttttttttttttttttttttttttttttttttttttttttttttttta  173220
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Sbjct  173161  GGGGTTTTGTCGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTA  173220

Query  173221  tttttttttttttttactttttttttttttgtttttttttttttttttgcttttttttttttttttttttttttttttttttttttttt
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Query  174121  CCGATATGACCATATGTGCGTATCTCATTATCTAGGTATCGttttatcgtattatccgag  174180
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Sbjct  174121  CCGATATGACCATATGTGCGTATCTCATTATCTAGGTATCGTTTTATCGTATTATCCGAG  174180

Query  174181  tatcagaatatctttttatattgctatatgcgtatatcagtatatagctatataagtata  174240
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Sbjct  174181  TATCAGAATATCTTTTTATATTGCTATATGCGTATATCAGTATATAGCTATATAAGTATA  174240

Query  174241  ggtgtataggcttatagaaatatacctatataccattataAGATTATAACGGTATAAAGT  174300
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Sbjct  174241  GGTGTATAGGCTTATAGAAATATACCTATATACCATTATAAGATTATAACGGTATAAAGT  174300

Query  174301  TATATGGGTAGTTCCTTAGTTAGTTAGTGTATTAGTGAATTAGTCGACTAGTATCGTAGT  174360
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Sbjct  174301  TATATGGGTAGTTCCTTAGTTAGTTAGTGTATTAGTGAATTAGTCGACTAGTATCGTAGT  174360

Query  174361  ACCGTAGTAAACtagttgggtaggtagctaggtacatagggttgtagggtgctagggtca  174420
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Sbjct  174361  ACCGTAGTAAACTAGTTGGGTAGGTAGCTAGGTACATAGGGTTGTAGGGTGCTAGGGTCA  174420

Query  174421  taggggtttagggggggtaggggcatagggctatagggcactagggagttaggcttctagg  174480
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Sbjct  174421  TAGGGGTTTAGGGGGGTAGGGGCATAGGGCTATAGGGCACTAGGGAGTTAGGCTTCTAGG  174480

Query  174481  cGATTAGGATTATAGGATAATAGGAGGATAGGAGAATAGGACCATAGGAAAGTAGGTTGG  174540
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Sbjct  174481  CGATTAGGATTATAGGATAATAGGAGGATAGGAGAATAGGACCATAGGAAAGTAGGTTGG  174540

Query  174541  TAGCTTAGTAGCGGTCTAGACGGTTAGACCCATAGAATCCTAGAAGTATAGAACTATAGA  174600
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Sbjct  174541  TAGCTTAGTAGCGGTCTAGACGGTTAGACCCATAGAATCCTAGAAGTATAGAACTATAGA  174600

Query  174601  AATTTAGAAAACTAGATTTATACTTTCTTACTTGATTACTTCGGTACTTCCCTACTTAGA  174660
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Sbjct  174601  AATTTAGAAAACTAGATTTATACTTTCTTACTTGATTACTTCGGTACTTCCCTACTTAGA  174660

Query  174661  TACTGTcttactgtactactggcgtactctcttactcggttactcgcttactcagttact  174720
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Sbjct  174661  TACTGTCTTACTGTACTACTGGCGTACTCTCTTACTCGGTTACTCGCTTACTCAGTTACT  174720

Query  174721  cacttactattttactatgttactaacttacttGCGTACGTATTTACGGTCTTACGGGTC  174780
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Sbjct  174721  CACTTACTATTTTACTATGTTACTAACTTACTTGCGTACGTATTTACGGTCTTACGGGTC  174780

Query  174781  TACGGGCTTACGGCTGTACGCTTTTACGCTCTTACGCGTGTACGCGGATACGCGAATACG  174840
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Sbjct  174781  TACGGGCTTACGGCTGTACGCTTTTACGCTCTTACGCGTGTACGCGGATACGCGAATACG  174840

Query  174841  CCCATACGGTAGTACCGATTTACCCGACTACCTCCGTAATTACCTAATGGGCTAATGCTG  174900
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Sbjct  174841  CCCATACGGTAGTACCGATTTACCCGACTACCTCCGTAATTACCTAATGGGCTAATGCTG  174900

Query  174901  taatgcgataatctcgtaatccgttaatccaataatcaggtaatacgataataatataat  174960
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Sbjct  174901  TAATGCGATAATCTCGTAATCCGTTAATCCAATAATCAGGTAATACGATAATAATATAAT  174960

Query  174961  aacgtaatttttaagttcgtaagttaataagtggataagtgagtaagtCCCTAAGGGTC  175020
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Query  175021  TAAGGCGATAAGCGCGTAAGTTGTTAACTTCTTAACTTAGTAACTCCCTAACGCTCTAAC  175080
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Query  175081  CTTGTAACATATTAACAGTGTAACACGCTAACAAGATAACCCGGTAAAATAATAAAtttt  175140
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Sbjct  175081  CTTGTAACATATTAACAGTGTAACACGCTAACAAGATAACCCGGTAAAATAATAAATTTT  175140

Query  175141  tctttttttttgcattttttttttttttACGCTATTTGGGTATGTAGGTATGTAACTATG  175200
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Sbjct  175141  TCTTTTTTTTTTGCATTTTTTTTTTTTTTACGCTATTTGGGTATGTAGGTATGTAACTATG  175200

Query  175201  CTCATATGCGCCTATGCCAGTATGAACATATGTGTCTATCGTATTATCGGGATATCGCCC  175260
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Sbjct  175201  CTCATATGCGCCTATGCCAGTATGAACATATGTGTCTATCGTATTATCGGGATATCGCCC  175260

Query  175261  TATCCGCTTATCCAAGTATCATGatatcactatatctttgtatattattatatctctata  175320
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Sbjct  175261  TATCCGCTTATCCAAGTATCATGATATCACTATATCTTTGTATATTATTATATCTCTATA  175320

Query  175321  gtaatatacgcgtataccgatataaaactataGGGCTAGTCCATTAGTCAGCTAGTATGT  175380
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Sbjct  175321  GTAATATACGCGTATACCGATATAAAACTATAGGGCTAGTCCATTAGTCAGCTAGTATGT  175380

Query  175381  TAGTTCAATAGGTAGGTAGGGCCCTAGGCCGATAGGGAGTTAGCGACTTAGCCATATAGC  175440
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Sbjct  175381  TAGTTCAATAGGTAGGTAGGGCCCTAGGCCGATAGGGAGTTAGCGACTTAGCCATATAGC  175440

Query  175441  AACTTAGAAGGGTACTGCAATACGCAAATACGACGGTACGAATATACGTGATTACCGTCC  175500
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Sbjct  175441  AACTTAGAAGGGTACTGCAATACGCAAATACGACGGTACGAATATACGTGATTACCGTCC  175500

Query  175501  TACCCCCGTACCTTGTTAAGGCCGTAAGATGCTAAGATAATAAGTATATAACAATCTAAC  175560
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Query  175561  tttttttttttttattttttttttatatttttttttttttttAGTATTCGCATATTCATC  175620
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Query  175621  TATTGTCTTATGGACCTATGAAGTTATGTTCTTATCTGGTTATCTAGTTATCGGCATATC  175680
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Sbjct  175621  TATTGTCTTATGGACCTATGAAGTTATGTTCTTATCTGGTTATCTAGTTATCGGCATATC  175680

Query  175681  ATAGTATCAACCTATCCTTGTATAAGAATATACGGATAGTTATCTAGGTTCATAGCGCAG  175740
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Sbjct  175681  ATAGTATCAACCTATCCTTGTATAAGAATATACGGATAGTTATCTAGGTTCATAGCGCAG  175740

Query  175741  TAGCCGGGTAGCTTCCTAGAGCCCTACTCCCCTACTCAAGTACTTACATACGGGACTACG  175800
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  175741  TAGCCGGGTAGCTTCCTAGAGCCCTACTCCCCTACTCAAGTACTTACATACGGGACTACG  175800
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Query  175801  GAGGTACGCTGTTACGCGTGTACGCGAATACGCAATTACGAATGTACGTGCGTACCTCTT  175860
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  175801  GAGGTACGCTGTTACGCGTGTACGCGAATACGCAATTACGAATGTACGTGCGTACCTCTT  175860

Query  175861  TACCGGGTTACCCGGCTACCCCGTTACCATTATACCAAATTACCTTCCTACATCTTTACA  175920
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  175861  TACCGGGTTACCCGGCTACCCCGTTACCATTATACCAAATTACCTTCCTACATCTTTACA  175920

Query  175921  TCATTACACGCGTACACCCGTACACAGCTACAAAGATACACCAATAATCACCTAATATGG  175980
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  175921  TCATTACACGCGTACACCCGTACACAGCTACAAAGATACACCAATAATCACCTAATATGG  175980

Query  175981  TAATAGTTTAATAGCATAATACGCTAATTCCTTAAGTACGTAAGATCTTAAGAGGCTAAG  176040
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  175981  TAATAGTTTAATAGCATAATACGCTAATTCCTTAAGTACGTAAGATCTTAAGAGGCTAAG  176040

Query  176041  GTATTAACGGTTTAACGGCATAACGAGCTAACGACATAACCGGGTAACCGCATAACCCTG  176100
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  176041  GTATTAACGGTTTAACGGCATAACGAGCTAACGACATAACCGGGTAACCGCATAACCCTG  176100

Query  176101  TAACCCGATAACCCAGTAACCATATAACCACGTAACCAAATAACATGGTAACATCATAAC  176160
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  176101  TAACCCGATAACCCAGTAACCATATAACCACGTAACCAAATAACATGGTAACATCATAAC  176160

Query  176161  AGTGTAACAGGATAACAGACTAACACGCTAACACACTAACAAGCTAACTTTCTAAATTCA  176220
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  176161  AGTGTAACAGGATAACAGACTAACACGCTAACACACTAACAAGCTAACTTTCTAAATTCA  176220

Query  176221  TAAATGTTTAAATGGCTAAATCTTTAAATCCGTAAATAGTTAAAGTTCTAAAGTGATAAA  176280
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  176221  TAAATGTTTAAATGGCTAAATCTTTAAATCCGTAAATAGTTAAAGTTCTAAAGTGATAAA  176280

Query  176281  GTAGTAAAGGCTTAAAGGAATAAAGCCTTAAAGCATTAAAGAGATAAAGAATTAAACTGC  176340
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  176281  GTAGTAAAGGCTTAAAGGAATAAAGCCTTAAAGCATTAAAGAGATAAAGAATTAAACTGC  176340

Query  176341  TAAACGGTTAAACGCATAAACCTCTAAACAAATAAAACTGTAAATTTTGGttttttttt  176400
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  176341  TAAACGGTTAAACGCATAAACCTCTAAACAAATAAAACTGTAAATTTTGGttttttttt  176400

Query  176401  tgtttttttttttttttttttatttgttattttcttattttattattttttttttttt  176460
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  176401  TGTTTTTTTTTTTTTTTTTTTATTTTGTTATTTTCTTATTTTATTATTTTTTTTTTTTT  176460

Query  176461  ttttttttttttttttttt
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Query  177481  ttttttt
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Query  117388  -----c-aaaaaaaaaTCGATCGAAAACTGTGGTAGGTCAAAATATATGCCTTAGCCAAT  117441
               |     |||||||||| ||| |||||| |  ||| ||| |||||||||||||||||||||
Sbjct  116614  TAGCCCTAAAAAAAAAATCCATCAAAAACTTCGGTTGGTTAAAATATATGCCTTAGCCAAT  116673

Query  117442  ATATGCCTTAGGGTTTATATGCCTTAGTGGttttttttttttttttctttttttttttt  117501
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  116674  ATATGCCTTAGGGTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTTCTTTTTTTTTTTTT  116733

Query  117502  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  117561
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  116734  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  116793

Query  117562  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  117621
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  116794  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  116853

Query  117622  tttttttttttCGGAGCGTGCGTaaaaatacatacatacaaaaaacaactgatccaaaaa  117681
               |||||||||||| || | ||   |||| | ||| ||     |  |  |  ||   ||||||
Sbjct  116854  TTTTTTTTTTTCGGGGC-T-CGCTCAAA-A-ATAGAT-----AGA-TA--GA---AAAAA  116898

Query  117682  acaactgatcgaaaaaacaacttatcgaaaaaacaagaaatgaaaaaaacaagacatgca  117741
               | ||||||||||||||||  |||||||||||||||||||||||||||||||||||||||
Sbjct  116899  A-TACTGATCGAAAAAACAAGAAATCTAAAAAACAAGAAATGAAAAAAACAAGACATGCA  116957

Query  117742  aaaaacaagacatggaaaaaacaagacatgtaaaaaacaagatattaaaaaaacaagata  117801
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  116958  AAAAACAAGACATGGAAAAAACAAGAGATGTAAAAAACAAGATATTAAAAAAACAAGATA  117017

Query  117802  ttcaaaaaacaagatattgaaaaaacaagcaatttaaaaaacaagcacaaaaaaaaacaa  117861
               ||||||||||||  |||||||||||||||||||||||||||| |||  ||||||||||||
Sbjct  117018  TTCAAAAAACAAGCAATTTAAAAAACAAGCAATTTAAAAAACAAGCCCAACAAAAAACAA  117077

Query  117862  gcccaacaaaaaacaagcgcaagaaaaaaccagctcacaaaaaaaccagctcacaaaaaa  117921
               |||||| |||||||||||||||||||||| |||||||||||||||||||||| ||||||
Sbjct  117078  GCCCAAGAAAAAACAAGCGCAAGAAAAAACAAGCTCACAAAAAAACCAGCTCACCAAAAA  117137

Query  117922  accagctcaccaaaaaacaaggacacgaaaaaaccaggccactaaaaaaccagggcagaa  117981
               || ||  ||||||||||||||||||||||||||||||||  |||||||||||||||||||
Sbjct  117138  ACAAGGACACCAAAAAACAAGGACACTAAAAAACCAGGCCAGAAAAAAACCAGGGCAGAA  117197

Query  117982  aaaaaccagggcagcaaaaaaccagggcaggaaaaaaccaggtcataaaaaaacgagtac  118041
               |||||||||||||| |||||||||||||||||||||||||||||||||||||||||||||
Sbjct  117198  AAAAACCAGGGCAGGAAAAAACCAGGTCAGTAAAAAACCAGTACATAAAAAAACCAGTAC  117257

Query  118042  atcaaaaaaccagtccatgaaaaaaccagtccattaaaaaacgagtgccaaaaaaaacga  118101
               || |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  117258  ATAAAAAAACCAGTCCATGAAAAAACCAGTCCATTAAAAAACCAGTCCCAAAAAAAACGA  117317

Query  118102  gtgccacaaaaaacgagttcca-caaaaa--a---ccat----aaccat------aaaaa  118145
               |||||||||||||||||||||| |||||| |   |||| |||| |||  |||||||||||
Sbjct  117318  GTGCCACAAAAAACCAGTTCCAGAAAAAACGAGTTCCATAAAAAACGATAACCCAAAAAA  117377

Query  118146  acgataacccaaaaaaaaaaTCTATCTAAAACTGGGGGTGGTAAAAATATATGCCTTAGC  118205
               || ||| ||| |||||||||| ||| |||||||| ||  ||| |||||||||||||||||
Sbjct  117378  ACCATACCCCCAAAAAAAAAATCGATCGAAAACTGTGGTAGGTCAAAATATATGCCTTAGC  117437

Query  118206  CAATATATGCCTTAGGGTTTATATGCCTTAGTGGttttttttttttttttctttttttttt  118265
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  118266  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  118325
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  118326  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  118385
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  118386  ttttttttttttttttCGCTGCGGGCGGaaaaagttagttagttaaaaaacaactgatcaa  118445
               |||||||||||||||| |||||||||||| |||  |  |||||  |||  |  |||  |||
Sbjct  117618  TTTTTTTTTTTTTTTTCGGAGCGTGCGTAAAAA--TA--CA--T-----AC-A-T-A-CAA  117662

Query  118446  aaaaaatactcatcaaaaaaaatacttatccaaaaaacaacttatcgaaaaaacaagaaa  118505
               ||||| | ||| |||  |||||| ||| |||| |||||||||||||||||||||||||||
Sbjct  117663  AAAACA-ACTGATCCAAAAAACAACTGATCGAAAAAACAACTTATCGAAAAAACAAGAAA  117721

Query  118506  tctaaaaaaatagaaatgaaaaaaacaagacatgcaaaaaacaagacatgtaaaaaacaa  118565
               |  ||||||  || ||| |||||||||||||||||||||||||||||||||||||||||
Sbjct  117722  TGAAAAAAACAAGACATGCAAAAAACAAGACATGGAAAAAACAAGACATGTAAAAAACAA  117781

Query  118566  gagattaaaaaaacaagatattcaaaaaacaagcaattcaaaaaacaagcaattgaaaaa  118625
               ||||||||||||||||||||||||||||||||  |||||||||||||||||||||||||
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Query  118626  accagcccaaaaaaaaacaagcccaacaaaaaaccagcgcaacaaaaaacaagcgcaata  118685
               || ||| |||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  118686  aaaaacaagctcacaaaaaaacaagctcaccaaaaaaccaggacacgaaaaaacaaggac  118745
               |||||| |||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  118746  actaaaaaaccagggcagaaaaaaaccagggcagcaaaaaaccagggcaggaaaaaacca  118805
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  118806  ggtcagtaaaaaaccaggtcatcaaaaaaccagtccatcaaaaaacgagtccattaaaaa  118865
               |||||| |||||||| ||| |||||||||||||||||| |||||||| |||||||||||
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Query  118866  accagt-ccattaaaaaacgagtgccacaaaaaaccagttccacaaaaaaccagttccat  118924
               || |||  |||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  118082  ACGAGTGCCA-AAAAAAACGAGTGCCACAAAAAACGAGTTCCACAAAAAACCATAACCAT  118140

Query  118925  aaaaaa--a-aaTGC---ATGAAAA---A-CT--GA--ggggg-ggT-AAAATATATGCC  118968
               |||||| | ||| |   | ||||   | |||  ||  ||||| ||| |||||||||||||
Sbjct  118141  AAAAAACGATAACCCAAAAAAAAAATCTATCTAAAACTGGGGGTGGTAAAAATATATGCC  118200

Query  118969  TTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGttttttttttttttttctttt  119028
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  118201  TTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTTCTTTT  118260
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Query  119029  tttttt
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Query  120676  ttttttttttttttttttttttttttttCGACGCCAGCCtaaaaagtaagtaagtaaaa  120735
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Sbjct  119908  TTTTTTTTTTTTTTTTTTTTTTTTTTTTCGATGCCGGCGAAAAAAGTCAGTCAGTCAAA  119967

Query  120736  aaaatacggagttaaaaaacaacgtataaaaaaaaatactaatacaaaaaaatactcata  120795
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Sbjct  119968  AAAATAC-----T--------A---ATAAAAAAAAATACTAATACAAAAAACAACTCATA  120011

Query  120796  gaaaaaaatactgatataaaaaacaactgatcaaaaaaacaactgatccaaaaaacaact  120855
               |||||||  ||||||||||||||  ||||||||||||||||||||||||||||||||||
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Query  120856  tatctaaaaaacaagaaatgaaaaaaacaagacatgcaaaaaaatagacatggaaaaaac  120915
               ||||||||||| ||||||||||||||  |||||||  ||||||||||||||||  ||||||||
Sbjct  120072  TATCTAAAAAAATAGAAATGAAAAAAAATAGACATGAAAAAAAATAGACATGCAAAAAAC  120131

Query  120916  aagacatggaaaaaacaagagatgtaaaaaacaagatattaaaaaaacaagatattcaaa  120975
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Query  120976  aaacaagcaatttaaaaaaccagccatttaaaaaaccagcccaacaaaaaaccagcgcaa  121035
               ||||||||||||||||||||| ||||  ||||||||  ||g|||||||||||  ||||||
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Query  121036  caaaaaaccagctcaataaaaaaccagctcacaaaaaaacaagctcaccaaaaaaccagg  121095
                ||||||||||||||||||||||| ||||||||||||||||  ||||||||||||| |||
Sbjct  120252  GAAAAAACCAGCTCAATAAAAAACAAGCTCACAAAAAAACAAGGACACCAAAAAACAAGG  120311

Query  121096  acacgaaaaaaccaggacactaaaaaaccaggccagaaaaaaaccagggcagcaaaaaac  121155
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Query  121156  caggtcaggaaaaaaccaggtcagtaaaaaaccagtacataaaaaaaccagtacatcaaa  121215
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Sbjct  120372  CAGGTCAGTAAAAAACCAGGTCAGTAAAAAACCAGGTCATCAAAAAACCAGTACATCAAA  120431

Query  121216  aaacgagtccat------------g----aaaaaaaaaTTCATTCAAAACTCAGGCGGGC  121259
               |||| |||||| |            |  ||||||||||| |||  |||||| ||||||
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Query  121260  TAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttt  121319
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Query  121320  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  121379
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  121380  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  121439
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  121440  tttttttttttttttttttttttttttttttttC-CTGGCACGCCCaaaaagggagggag  121498
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Query  121499  ggaaaaaaatacggagtcaaaaaaatacgtagtgaaaaaaatactaagttaaaaaaatac  121558
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Query  121559  taatacaaaaaaatactcatagaaaaaaatactcatataaaaaaatactgatcaaaaaaa  121618
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Query  121619  caactgatccaaaaaaatacttatcgaaaaaacaacttatctaaaaaacaagacatgaaa  121678
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Query  121679  aaaacaagacatgcaaaaaacaagagatggaaaaaacaagagatgtaaaaaacaagagat  121738
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Query  121739  taaaaaaacaagatattgaaaaaacaagatattgaaaaaacaagcaca-aaaaaaaacaa  121797
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Query  121798  gcccaacaaaaaacaagcccaagaaaaaacaagcgcaagaaaaaaccagctcacaaaaaa  121857
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Query  121858  accagctcacaaaaaaaccaggacaccaaaaaaccaggccactaaaaaaccaggccagaa  121917
               || |||||| |||||||||||g|||||  |||||||||  |||||||||||||g||||||
Sbjct  121074  ACAAGCTCACCAAAAAACCAGGACACGAAAAAACCAGGACACTAAAAAACCAGGCCAGAA  121133

Query  121918  aaaaaccaggccagcaaaaaaccagggcaggaaaaaaccaggtcagtaaaaaaccagtac  121977
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Query  121978  ataaaaaaaccagtacat--------------a--aaaaaaaaaTTGATTTAAAACTATG  122021
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Sbjct  121194  ATAAAAAAACCAGTACATCAAAAAACGAGTCCATGAAAAAAAAATTCATTCAAAACTCAG  121253

Query  122022  GCAGGCCAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtt  122081
               || ||| |||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  122082  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  122141
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  122142  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  122201
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  122202  tttttttttttttttttttttttttttttttttttttCCTAGATTGCCaaaaaaggca  122261
               |||||||||||||||||||||||||||||||||||||| |  |  ||| ||||||g|
Sbjct  121434  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCTGGCACGCCCAAAAAGGGA  121493

Query  122262  ggcaggcaaaaaaatacgcagtaaaaaaaatacggagtcaaaaaaatacgtagttaaaaa  122321
               || ||| |||||||||| |g| |||||||||||||g|g| ||||||||||
Sbjct  121494  GGGAGGGAAAAAAATACGGAGTCAAAAAAATACGTAGTGAAAAAAATAC-----T-----  121543
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Query  122322  acaacgtataaaaaaaaaatacgtatacaaaaaacaactaatagaaaaaacaactcataga  122381
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Query  122382  aaaaacaactcatataaaaaaatacttatcaaaaaaacaactgatcgaaaaaacaactta  122441
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Query  122442  tctaaaaaacaagaaatgaaaaaaacaagacatgcaaaaaacaagacatggaaaaaacaa  122501
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Query  122502  gacatgtaaaaaacaagagatgtaaaaaacaagatattcaaaaaacaagatattgaaaaa  122561
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Query  122562  acaagcaatttaaaaaaccagcccaaaaaaaaaccagcccaacaaaaaacaagcgcaaga  122621
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Query  122682  acgaaaaaaccaggccagaaaaaaaccagggcagaaaaaaaccagggcagcaaaaaacca  122741
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Query  122742  gggcagtaaaaaaccagtacataaaaaaa--a--ac------aaacaa---a---aaaaC  122785
Sbjct  121958  GGTCAGTAAAAAACCAGTACATAAAAAAACCAGTACATAAAAAAAAAATTGATTTAAAAC  122017

Query  122786  TAGGGAGGGCAAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGT  122845
Sbjct  122018  TATGGCAGGCCAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGT  122077

Query  122846  GGtttttttttttttttctttttttttttttttttttttttttttttttttttttttttt  122905
Sbjct  122078  GGTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  122137

Query  122906  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  122965
Sbjct  122138  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  122197

Query  122966  tttttttttttttttttttttttttttttttttttttttttCCGGGATCGCATaaaaa  123025
Sbjct  122198  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCTAGATTGC--CAAAA  122255

Query  123026  ggaaggaaggaaaaaaaatacgcaggtaaaaaaatacgcagtaaaaaaaatacgcagtca  123085
Sbjct  122256  --AAGGCA-G-----------GCAGGCAAAAAAATACGCAGTAAAAAAAATACGGAGTCA  122301

Query  123086  aaaaaatacggagtgaaaaaaatacgtagttaaaaaaatactaataaaaaaaaatactaa  123145
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Query  123146  tacaaaaaacaactcatagaaaaaacaactcatataaaaaacaactgatcaaaaaaaata  123205
Sbjct  122362  TAGAAAAAACAACTCATAGAAAAAACAACTCATATAAAAAAATACTTATCAAAAAAACAA  122421

Query  123206  ctgatccaaaaaaatacttatctaaaaaacaagaaatctaaaaaacaagacatgaaaaaa  123265
Sbjct  122422  CTGATCGAAAAAACAACTTATCTAAAAAACAAGAAATGAAAAAAACAAGACATGCAAAAA  122481

Query  123266  acaagacatggaaaaaacaagacatgtaaaaaacaagagattaaaaaaacaagatattaa  123325
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Query  123326  aaaaaccagatattgaaaaaacaagcaatttaaaaaacaagcaatttaaaaaacaagccc  123385
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Query  123386  aacaaaaaacaagcccaagaaaaaacaagctcaataaaaaaccagctcacaaaaaaacca  123445
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Query  123446  gctcaccaaaaaaccaggacacgaaaaaaccaggccactaaaaaaccaggccagcaaaaa  123505
Sbjct  122662  GCTCACGAAAAAACAAGGACACGAAAAAACCAGGCCAGAAAAAAACCAGGGCAGAAAAAA  122721

Query  123506  accagggcagcaaaaaaccagg----t-------cag----t-aaaaaaaaCAACCAAGA  123549
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Query  123550  AAACTACGGAAGGATAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCT  123609
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Query  123610  TAGTGGtttttttttttttttctttttttttttttttttttttttttttttttttttttt  123669
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Query  123670  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  123729
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Query  123730  tttttttttttttttttttttttttttttttttttttttttttttCCCTGAGGGCACa  123789
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Query  123790  aaaagctagctagctaaaaaaatacgaaggcaaaaaaatacgcagggaaaaaaatacgca  123849
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Query  123850  gtaaaaaaaatacggagtcaaaaaaatacggagtgaaaaaaatacgtagttaaaaaaata  123909
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Query  123910  ctaagttaaaaaaatactaatacaaaaaaatactcatagaaaaaaatactcatagaaaaa  123969
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Query  124090  tgtaaaaaacaagatattaaaaaaacaagatattcaaaaaacaagcaattgaaaaaacaa  124149
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Query  124150  gcaatttaaaaaaccagcccaacaaaaaaccagcccaacaaaaaacaagcgcaataaaaa  124209
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Query  124210  acaagctcaataaaaaaccaggacaccaaaaaacaagctcacgaaaaaaccaggacacta  124269
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Query  124270  aaaaaccagg---g--------ca--g-a--aaaaaaccaggccagaaaaaaaaaCAATC  124313
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Query  124314  AATAAAACGTTGCTTGGACAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATAT  124373
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Query  124374  GCCTTAGTGGtttttttttttttttctttttttttttttttttttttttttttttttt  124433
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Query  124674  aatacggagtgaaaaaaatacgtagtt-aaaaaaatactaataaaaaaaacaactcatac  124732
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Query  125693  aaaaaaccagcaattcaaaaaaccagcaatttaaaaaaccagcacaaaaaaaaacaagcc  125752
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Query  126576  aaacaagctcacaaaaaaaccagg--ac-a-----c-a-------aaaaaaaacactcac  126619
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Query  128206  GTTTATATGCCTTAGTGGttttttttttttttttctttttttttttttttttttttttttttttt  128265
Sbjct  127438  GTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  127497
Query  128266  ttttttttttttttttttttttttttttttttttttttt
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Query  128969  TTAGGGTTTATATGCCTTAGTGGttttttttttttttttctttttttttttttttttttt  129028
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Query  129029  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  129088
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Query  129089  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  129148
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Query  129149  ttttCACACTCTGAGaaaaaactgactgactgaaaaaaatacagagaaaaaaaaagacat  129208
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Query  129209  agaaaaaaaaatacatagagaaaaaaagaccaagataaaaaaagacccagcaaaaaaaat  129268
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Query  129269  acccagccaaaaaaatacccgagcgaaaaaaatacccgagctaaaaaaagacctaggaaaaa  129328
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Query  129329  aaatacctagggaaaaaaatacgaagggaaaaaaatacgcaggtaaaaaaatacgcagta  129388
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Query  129389  aaaaaaatacggagtcaaaaaacaacgtagttaaaaaa-a--tacgtataaaaaaaacaa  129445
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Query  129446  ctaatacaaaaaaatactaatacaaaaaaatactcatagaaaaaacaactgatcaaaaaa  129505
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Query  129506  aatactgatccaaaaaaatacttatcgaaaaaacaacttatctaaaaaacaagaaatgaa  129565
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Query  129566  aaaaacaagacatgcaaaaaacaagacatggaaaaaacaagagatgtaaaaaacaagaga  129625
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Query  129626  ttaaaaaaacaagatattcaaaaaacaagatattgaaaaaacaagcaatttaaaaaa-aa  129684
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Query  129685  -C--ATC--------CA-TC---AAAACGCGGCCCGCCTAAAATATATGCCTTAGCCAAT  129729
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Query  129730  ATATGCCTTAGGGTTTATATGCCTTAGTGGttttttttttttttttcttttttttttttttttttttttttttttttttttttttt
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Query  132253  aaaaaaacaattacggaaaaaaagacaaacgtaaaaaaacacaaactaaaaaaaagacac  132312
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Query  132313  actgaaaaaaagacacacttaaaaaaagacagagaaaaaaaaagacagagacaaaaaaag  132372
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Query  132373  accaagagaaaaaaatacccaagagaaaaaaagacccagcaaaaaaaagacccagcccaaaa  132432
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Query  132433  aaatacccagcgaaaaaaagaccgagctaaaaaaatacccgaggaaaaaaaatacctaggc  132492
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Query  132493  aaaaaaatacgaaggcaaaaaaatacgcaggtaaaaaaatacgcagtaaaaaaaatacgg  132552
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Query  132553  agtcaaaaaaatacggagtgaaaaaaatacgtagttaaaaaaca-acgtataaaaaaaac  132611
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Query  132612  aactcatacaaaaaaatactcatagaaaaaaatactcatataaaaaacaactgatccaaa  132671
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Query  132672  aaacaacttatcgaaaaaaatacttatcgaaaaaacaagaaatgaaaaaaacaagaaatg  132731
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Query  132732  caaaaaacaagacatggaaaaaa-aac-catccagaaaa--CGA---AGAT---G-G-CA  132779
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Query  132780  -G---AAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttt  132835
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Query  132836  tttttttttttctttttttttttttttttttttttttttttttttttttttttttttttt  132895
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Query  133076  cacaaactaaaaaaaagacacactcaaaaaaagacacactgaaaaaaagacagacttaaa  133135
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Query  133136  aaaagacatagaaaaaaaaatacccaagagaaaaaaatacccaagagaaaaaaatacccagc  133195
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Query  136714  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  136773
Sbjct  135946  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  136005

Query  136774  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttA  136833
Sbjct  136006  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTA  136065

Query  136834  GGGCCTCCTGTaaaaacacacacacacaaaaaaacaaggacagaaaaaaacaagtacata  136893
Sbjct  136066  GTACCTTCT-TCAAAA-ACATACATACATAAAAA-AAG-------------AAGTACATA  136109

Query  136894  aaaaaacaataaccaaaaaaaacaataacccaaaaaaagaatcacctaaaaaaagaatca  136953
Sbjct  136110  AAAAAAGAATAACCCAAAAAAAGAATAACCCAAAAAAAGAATCACCTAAAAAAAGAATGA  136169

Query  136954  cctaaaaaaagaatgacgaaaaaaaacaatgacgcaaaaaaagaattacggaaaaaaaga  137013
Sbjct  136170  CGAAAAAAAAGAATGACGCAAAAAAACAATTACGGAAAAAAAGAATTACGGAAAAAAACA  136229

Query  137014  attacgtaaaaaaagacaaactaaaaaaaagacacactcaaaaaaagacacactgaaaaa  137073
Sbjct  136230  CAAACGTAAAAAAAGACAAACTAAAAAAAAGACACACTGAAAAAAAGACAGACTTAAAAA  136289

Query  137074  aagacagagaaaaaaaaagacatagaaaaaaaaagacatagacaaaaaaagaccaagata  137133
Sbjct  136290  AAGACAGAGAAAAAAAAAGACATAGACAAAAAAAGACATAGAGAAAAAAATACCAAGATA  136349
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Query  137134  aaaaaataccaagcaaaaaaaatacccagccaaaaaaagaccgagcgaaaaaaagaccga  137193
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Query  137194  gctaaaaaaagacctaggaaaaaaaatacctaggcaaaaaaatacgaagggaaaaaaata  137253
Sbjct  136410  GCTAAAAAAAGACCTAGGAAAAAAAATACCTAGGGAAAAAAATACGAAGGTAAAAAAATA  136469

Query  137254  cgaaggtaaaaaaatacgcagtaaaaaaaatacggagtcaaaaaaatacgtagtgaaaaa  137313
Sbjct  136470  CGAAGTAAAAAAAATACGGAGTAAAAAAACAACGGAGTGAAAAAAATACGGAGTTAAAAA  136529

Query  137314  aatacgtagttaaaaaacaacgtataaaaaaaaatactaatacaaaaaa-aaC-CGT---  137368
Sbjct  136530  AATACTAAGTTAAAAAACAACTAATACAAAAAAATACTCATACAAAAAACAACTCATATA  136589

Query  137369  -------CCGT----AAAACCGCGACCGAGCAAAATATATGCCTTAGCCAATATATGCCT  137417
Sbjct  136590  AAAAAAACCGGCCGGAAAACCGGGACGGAGTAAAATATATGCCTTAGCCAATATATGCCT  136649

Query  137418  TAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttttttttttttttttt  137477
Sbjct  136650  TAGGGTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTTTTTTT  136709

Query  137478  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  137537
Sbjct  136710  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  136769

Query  137538  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  137597
Sbjct  136770  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  136829

Query  137598  tttAGCTCCGGCTGGaaaaaacaaacaaacaaaaaaaaacaaggacacaaaaaaacaagga  137657
Sbjct  136830  TTTAGGGCCTCCTGTAAAAACA--CA--CA--------C----ACACAAAAAAACAAGGA  136873

Query  137658  cagaaaaaaacaagtacataaaaaaagaataaccaaaaaaaacaataacccaaaaaaaca  137717
Sbjct  136874  CAGAAAAAAACAAGTACATAAAAAAACAATAACCAAAAAAAACAATAACCCAAAAAAAGA  136933

Query  137718  ataacccaaaaaaacaatcacctaaaaaaagaatcacgaaaaaaaacaatgacgcaaaaa  137777
Sbjct  136934  ATCACCTAAAAAAAGAATCACCTAAAAAAAGAATGACGAAAAAAAACAATGACGCAAAAA  136993

Query  137778  aagaattacggaaaaaaagacaaacgtaaaaaaagacacactaaaaaaaagacaaactga  137837
Sbjct  136994  AAGAATTACGGAAAAAAAGAATTACGTAAAAAAAGACAAACTAAAAAAAAGACACACTCA  137053

Query  137838  aaaaaagacacacttaaaaaaagacagacttaaaaaaatacagagaaaaaaaaatacata  137897
Sbjct  137054  AAAAAAGACACACTGAAAAAAAGACAGAGAAAAAAAAAGACATAGAAAAAAAAAGACATA  137113

Query  137898  gacaaaaaaagaccaagagaaaaaaagacccagataaaaaaatacccagcaaaaaaaata  137957
Sbjct  137114  GACAAAAAAAGACCAAGATAAAAAAATACCAAGCAAAAAAAATACCCAGCCAAAAAAAGA  137173

Query  137958  cccagcgaaaaaaagaccgagctaaaaaaagacctaggaaaaaaaatacctaggaaaaaa  138017
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Query  138018  aagacgaagggaaaaaaatacgaagggaaaaaaatacgcagtaaaaaaaatacggagtca  138077
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Query  138078  aaaaaatacggagtgaaaaaaatacgtagttaaaaaacaacgtataaaaaaaaa-acc--  138134
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Query  138135  tccctaaaaaCCC-T--G-ACA---G--A--GA--AAAATATATGCCTTAGCCAATATAT  138181
Sbjct  137354  TACAAAAAAAACCGTCCGTAAAACCGCGACCGAGCAAAATATATGCCTTAGCCAATATAT  137413

Query  138182  GCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttttttttttttt  138241
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Query  138242  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  138301
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Query  138302  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  138361
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Query  138362  ttttttAGCCCCGACTGcaaaaaattaattaattaaaaaaacaagcaattaaaaaaaca  138421
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Query  138422  agcacaaaaaaaaagaagcacagaaaaaaacaagtacagaaaaaaagaagtaccaaaaaa  138481
Sbjct  137638  AGGACACAAAAAAACAAGGACAGAAAAAAACAAGTACATAAAAAAAGAATAACCAAAAAA  137697

Query  138482  aacaataaccaaaaaaaacaataaccgaaaaaaagaatcaccgaaaaaaacaatcaccta  138541
Sbjct  137698  AACAATAACCCAAAAAAACAATAACCCAAAAAAACAATCACCTAAAAAAAGAATCACGAA  137757

Query  138542  aaaaaagaatgacgaaaaaaaagaattacggaaaaaaagacaaacgtaaaaaaagacaaa  138601
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Query  138602  cgtaaaaaaacacaaactcaaaaaaagacacactgaaaaaaagacagacttaaaaaaaga  138661
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Query  138662  cagagaaaaaaaaagacatagacaaaaaaagaccaagagaaaaaaataccaagataaaaa  138721
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Query  138722  aagaccaagcaaaaaaaagacccagccaaaaaaataccgagctaaaaaaatacctagcta  138781
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Query  138901  CCT-T----------CCT---TAAAA-CCCGGA-AG-GACTAAAATATATGCCTTAGCCA  138943
Sbjct  138118  CGTATAAAAAAAAAACCTCCCTAAAAACCCTGACAGAGA--AAAATATATGCCTTAGCCA  138175
Query  138944  ATATATGCCTTAGGGTTTATATGCCTTAGTGGttttttttttttttttctttttttttt  139003
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Query  139004  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  139063
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Query  140068  caataacccaaaaaaagaatcaccgaaaaaaacaatcaccgaaaaaaacaatgacgaaaa  140127
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Query  140128  aaaacaattacgcaaaaaaagaattacggaaaaaaagaattacgtaaaaaaagacaaact  140187
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Sbjct  139404  AAAAAAAAGACACACTCAAAAAAAGACACACTGAAAAAAAGACAGACTTAAAAAAAGACA  139463
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Query  140368  aaaatacgaaggcaaaaaaatacgaaggaaaaaaatacgcagggaaaaaaatacgcagg  140427
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Query  140428  taaaaaaaa--CG-AC-CGAGAAAA-CC--C-A-----CTTTGACA----AAAATATATG  140470
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Query  140471  CCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGttttttttttttttttctt  140530
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Query  140531  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  140590
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Query  140651  ttttttttttttttttttttttACTACATTCTCaaaaaaagtaagtaagtaaaaaaaaaa  140710
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Query  140711  ctaagtaaaaaaacaactaataaaaaaaacaactaatcaaaaaaacaagaaatgaaaaaa  140770
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Query  140771  acaagaaattaaaaaaacaagcacaaaaaaaaaacaaggacacaaaaaaacaagtacataa  140830
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Query  140831  aaaaacaagtaccaaaaaaaacaataaccaaaaaaaagaatcacccaaaaaaacaatcac  140890
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Query  140891  cgaaaaaaagaatcacctaaaaaaagaatgacgcaaaaaaagaattacggaaaaaaagaa  140950
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Query  140951  ttacgtaaaaaaagacaaactaaaaaaaagacaaactcaaaaaaagacacactgaaaaaa  141010
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Query  141011  atacacacttaaaaaaagacagagaaaaaaaaatacatagacaaaaaaagaccaagagaa  141070
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Query  141071  aaaaataccaagataaaaaaagacccagcaaaaaaaagacccagccaaaaaaataccgag  141130
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Query  141131  cgaaaaaaagacctaggaaaaaaaatacctaggaaaaaaaatacctaggcaaaaaaatac  141190
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Query  141191  gaagggaaaaaaa-acg-a--t--------cga--ga-aaa-CCATCTTCGAAGAAAATA  141234
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Query  141235  GTTGCATTAGCCAGTAGTTGCCTTAGGTAATATATGCCTTAGTGGtttttttttttttt  141294
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Query  141295  tctttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  141354
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Query  141355  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  141414
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Query  141415  ttttttttttttttttttttttttACGGCATCCTATaaaaaaggaaggaaggaaaaaa  141474
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Query  141475  acaacgaagcaaaaaaaaaactaagtaaaaaaacaactaataaaaaaaacaagaaatcaa  141534
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Query  141535  aaaaacaactaatgaaaaaaacaagaaattaaaaaaacaaggacaaaaaaaaacaagcac  141594
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Query  141595  acaaaaaaagaaggacagaaaaaaacaagtacataaaaaaacaagtaccaaaaaaaagaa  141654
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Query  141655  tcacccaaaaaaacaatcaccgaaaaaaaagaatcacgaaaaaaaagaatgacgaaaaaaa  141714
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Query  141715  acaatgacgcaaaaaaacacaaacggaaaaaaagacaaactaaaaaaaagacaaactcaa  141774
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Query  141775  aaaaagacaaactcaaaaaaatacacacttaaaaaaagacatagaaaaaaaaagacatag  141834
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Query  141835  aaaaaaaaagacatagagaaaaaaataccaagataaaaaaa-aca-atcaagaaaaaaaa  141892
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Query  141893  cactcag--aaaaaaa-a---a-c-ataca------ta--aaaaaaaaccacccac-aaa  141935
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Query  141936  aaaaac-ccgcccgaaaaaaaaccgtccgtaaaaaaaaccttcgaaaaaaCCACCTTAGA  141994
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Query  141995  ACAAAATAGATGACTGTGCCTATACTTGATTGTGGTCGTACGTGATTTACTGTCtttttt  142054
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Query  142055  tttttt
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Query  116734  tttttt
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Query  118381  ttttttttttttttttttttCGCTGCGGGCGGaaaaagt---t-agt--------tagt-  118427
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Query  118428  -ta-aaaaaca-actgatcaaaaaaaatactcatcaaaaaaaatacttatccaaaaaaca  118484
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Sbjct  119209  ATAGAAAAAAATACTCATATAAAAAAATACTGATATAAAAAAATACTTATCCAAAAAACA  119268

Query  118485  acttatcgaaaaaacaagaaatctaaaaaaatagaaatgaaaaaaacaagacatgcaaaa  118544
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Sbjct  119269  ACTGATCGAAAAAAATAGAAATCTAAAAAAATAGAAATGAAAAAAACAAGACATGCAAAA  119328

Query  118545  aacaagacatgtaaaaaacaagagattaaaaaaacaagatattcaaaaaacaagcaattc  118604
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Sbjct  119329  AACAAGACATGGAAAAAAATAGACATGTAAAAAACAAGATATTAAAAAAACAAGATATTC  119388

Query  118605  aaaaaacaagcaattgaaaaaaccagcccaaaaaaaaacaagcccaacaaaaaaccagcg  118664
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Sbjct  119389  AAAAAACAAGATATTGAAAAAACAAGCCATTTAAAAAACAAGCCCAAAAAAAAACCAGCC  119448

Query  118665  caacaaaaaacaagcgcaataaaaaacaagctcacaaaaaaacaagctcaccaaaaaacc  118724
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Sbjct  119449  CAACAAAAAACAAGCGCAAGAAAAAACCAGCTCAATAAAAAACCAGCTCACCAAAAAACA  119508

Query  118725  aggacacgaaaaaacaaggacactaaaaaaccagggcagaaaaaaaccagggcagcaaaa  118784
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Query  118785  aaccagggcaggaaaaaaccaggtcagtaaaaaaccaggtcatcaaaaaaccagtccatc  118844
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Query  118845  aaaaaacgagtccattaaaaaaccagtccattaaaaaacgagtgcca-caaaaaaccagt  118903
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Query  118904  tccacaaaaaaccagttccataaaaaaaaaTGCATGAAAAACTGAgggggggTAAAATAT  118963
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Query  118964  ATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttt  119023
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Query  119024  cttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  119083
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Query  119084  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  119143
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Query  119144  tttttttttttttttttttttttttCGCGGCGCGCGCaaaaagtgagtgagtgaaaaaaa  119203
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Query  119248  aaaatacttatccaaaaaacaactgatcgaaaaaaatagaaatctaaaaaaatagaaatg  119307
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Query  119308  aaaaaaacaagacatgcaaaaaacaagacatggaaaaaaatagacatgtaaaaaacaaga  119367
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Query  119368  tattaaaaaaacaagatattcaaaaaacaagatattgaaaaaacaagccatttaaaaaac  119427
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Query  124789  acttatccaaaaaacaagaaatctaaaaaacaagaaatgaaaaaaaatagaaatgcaaaa  124848
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Query  126898  aatacccagccaaaaaaagacccagcgaaaaaaatacccgagctaaaaaaatacctaggaa  126957
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Query  127078  ctaataaaaaaaaatactcatacaaaaaaatactcatataaaaaacaactgat-ataaaa  127136
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Query  127317  agcacaaa-aaaaaaccagcgcaacaaaaaaccagcgcaataaaaaaccagctcacaaaa  127375
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Query  127660  taaaaaaagacccagcaaaaaaaagacccagcaaaaaaaagaccgagcgaaaaaaatacc  127719
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Query  127780  tacgcaggtaaaaaaatacggagtaaaaaaaatacggagtcaaaaaaatacgtagtgaaa  127839
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Query  127840  aaaatacgtagttaaaaaacaactaa-taaaaaaaaatactaatacaaaaaacaactcat  127898
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Query  127899  agaaaaaaatactcatcaaaaaaaatactgatcaaaaaaacaacttatcgaaaaaacaac  127958
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Query  127959  ttatctaaaaaaatagaaatctaaaaaaatagaaatgcaaaaaacaagacatggaaaaaa  128018
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Query  128019  caagacatgtaaaaaacaagagattaaaaaaacaagatattcaaaaaacaagatattcaa  128078
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Query  128079  aaaacaagcaattgaaaaaacaagccatttaaaaaacaagcccaacaaaaaaccagccca  128138
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Query  128139  agaaaaaaaacaggcaggaaaacGGAGCCTGCGGAAAATATATGCCTTAGCCAATATATG  128198
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Query  128199  CCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttttttttttttt  128258
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Query  128379  tttttttCACTCTGGGAGGaaaaactttactttact--------t--------aaaaaaagac  128422
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Query  128423  atagacaaaaaaatacccaagagaaaaaaagaccaagataaaaaaatacccagccaaaaaa  128482
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Query  128483  atacccagccaaaaaaatacccgagcgaaaaaaatacccgagctaaaaaaagacgaaggcaa  128542
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Query  128543  aaaaatacgaagggaaaaaaatacgaagggaaaaaaatacgcagtaaaaaaaatacgcag  128602
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Query  128603  tcaaaaaacaacggagtgaaaaaaatacgtagttaaaaaacaactaagt-t--aaaaaac  128659
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Query  128720  aaacaacttatccaaaaaacaacttatcgaaaaaacaacttatctaaaaaaatagaaatg  128779
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Query  130065  aaagaccgagcgaaaaaaaataccgagctaaaaaaagacctaggaaaaaaaatacctaggc  130124
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Query  130362  tgaaaaaaacaagacatgcaaaaaacaagacatggaaaaaacaagagatgtaaaaaacaa  130421
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Sbjct  131730  AATACGCAGGTAAAAAAATACGCAGTCAAAAAAATACGGAGTCAAAAAACAACGGAGTTA  131789

Query  131006  aaaaacaactaagt-t--aaaaaaatactaatacaaaaaacaactaatacaaaaaacaac  131062
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Query  131063  tcatataaaaaacaactgatcaaaaaaacaactgatccaaaaaaatacttatcgaaaaaa  131122
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Query  131123  caagaaatctaaaaaaatagacatgcaaaaaaatagacatgcaaaaaaatagacatggaa  131182
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Query  131183  aaaacaagacatgtaaaaaacaagatattcaaaaaaaacattccaaaaaacgatgcaggc  131242
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Query  131243  caaaaaTATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGttttttt  131302
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Query  131303  tttttttttctttttttttttttttttttttttttttttttttttttttttttttttttt
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Query  131363  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt
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Sbjct  132131  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  132190

Query  131423  tttttttttttttttttttttttttttttttttATTACGTTGACaaaaaacggacggac  131482
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Query  131483  ggaaaaaaagaattactaaaaaaaagacaaac-t-------c--------aaaaaaagac  131526
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Query  131587  agaccaagagaaaaaaagacccagataaaaaaagaccaagcaaaaaaaatacccagccaa  131646
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Query  131647  aaaaagaccgagcgaaaaaaagaccgagctaaaaaaatacctaggcaaaaaaatacctag  131706
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Query  131707  ggaaaaaaatacgaagggaaaaaaatacgcaggtaaaaaaatacgcagtcaaaaaaatac  131766
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Query  131767  ggagtcaaaaaacaacggagttaaaaaaatacgta-taaaaaaaaatactaataaaaaaa  131825
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Query  131826  acaactaatagaaaaaacaactcatagaaaaaacaactcatataaaaaacaactgatcca  131885
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Query  131886  aaaaacaacttatccaaaaaacaagaaatctaaaaaacaagaaatgaaaaaaacaagaaa  131945
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Query  131946  tgcaaaaaacaagagatggaaaaaacaagacatgtaaaaaaaaCCACCCAGAAAACGAGG  132005
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Query  132006  CAAGCATAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtt  132065
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Query  132066  tttttttttttttctttttttttttttttttttttttttttttttttttttttttttt  132125
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Query  132126  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  132185
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Query  132186  ttttttttttttttttttttttttttttttttttttATGGCGTCGAAGaaaaacgca  132245
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Query  132246  cg--c--------------acgcaaaaaaacaattacggaaaaaaagacaaacgtaaaaa  132289
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Query  132290  aacacaaactaaaaaaaagacacactgaaaaaaagacacacttaaaaaaagacagagaaa  132349
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Query  132350  aaaaaagacagagacaaaaaaagaccaagagaaaaaaataccaagagaaaaaaagaccca  132409
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Query  132410  gcaaaaaaaagacccagccaaaaaaatacccagcgaaaaaaagaccgagctaaaaaaata  132469
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Query  132470  ccgaggaaaaaaaatacctaggcaaaaaaatacgaaggcaaaaaaatacgcaggtaaaaa  132529
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Query  132530  aatacgcagtaaaaaaaatacggagtcaaaaaaatacggagtgaaaaaaatacgtagtta  132589
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Query  132590  aaaaacaacgtataaaaaaaacaactcatacaaaaaaatactcatagaaaaaaatactca  132649
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Query  132650  tataaaaaacaactgatccaaaaaacaacttatcgaaaaaaatacttatcgaaaaaacaa  132709
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Query  132710  gaaatgaaaaaaacaagaaatgcaaaaaacaagacatggaaaaaaaaccatccagaaaaC  132769
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Query  132770  GAAGATGGCAGAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGT  132829
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Query  132830  GGtttttttttttttttctttttttttttttttttttttttttttttttttttttttttt  132889
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Query  132950  tttttttttttttttttttttttttttttttttttttttttATCTCGGGGAACaaaaa  133009
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Query  133010  c-ga---ac-ga-----------acgaaaaaaaagaatgacgcaaaaaaacaattacgga  133053
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Query  133054  aaaaaagacaaacgtaaaaaaacacaaactaaaaaaaagacacactcaaaaaaagacaca  133113
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Query  133234  aataccgagctaaaaaaagaccgaggaaaaaaaatacgaaggaaaaaaaagacgaaggga  133293
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Query  133294  aaaaaatacgaagggaaaaaaatacgcaggtaaaaaaatacggagtcaaaaaaatacgta  133353
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Query  133354  gtgaaaaaaatacgtagttaaaaaaatac-taataaaaaaaaatactaatacaaaaaaat  133412
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Query  133413  actcatagaaaaaaatactcatataaaaaacaactgatcaaaaaaaatactgatccaaaa  133472
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Query  133473  aacaacttatcgaaaaaacaagaaatctaaaaaaatagaaatgaaaaaaaaacccaccca  133532
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Query  133877  acacactcaaaaaaagacacactgaaaaaaagacagacttaaaaaaagacagacttaaaa  133936
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Query  133937  aaagacatagacaaaaaaataccaagagaaaaaaatacaagataaaaaaagacccagca  133996
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Query  134177  aacaactaataaaaaaaaatactcatagaaaaaacaactcatagaaaaaaatactgatca  134236
               || |  || |||       |||  |||||||||||| ||| ||||||||||||  ||||
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Query  134237  aaaaaaatacttatccaaaaaacaacttatccaaaaaacaacttatctaaaaaaaaccCCG  134296
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Query  134297  CCCGAAAACCTGGAGTGATTAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATA  134356
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Sbjct  137416  CTTAGGGTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTTTTT  137475

Query  136708  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  136767
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  137476  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  137535

Query  136768  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  136827
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  137536  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  137595

Query  136828  tttttAGGGCCTCCTGTaaaaaca--ca--ca--------c----acacaaaaaaacaag  136871
               ||||||| ||  ||| |||||||| ||  ||  |       |||||||||||||||||
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Query  136872  gacagaaaaaaacaagtacataaaaaaacaataaccaaaaaaaacaataacccaaaaaaa  136931
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  137656  GACAGAAAAAAACAAGTACATAAAAAAAGAATAACCAAAAAAAACAATAACCCAAAAAAA  137715

Query  136932  gaatcacctaaaaaaagaatcacctaaaaaaagaatgacgaaaaaaaacaatgacgcaaa  136991
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Query  136992  aaaagaattacggaaaaaaagaattacgtaaaaaaagacaaactaaaaaaaagacacact  137051
               ||||||||||||||||||||||   ||||||||||||| ||||||||||||| ||| ||
Sbjct  137776  AAAAGAATTACGGAAAAAAAGACAAACGTAAAAAAAGACACACTAAAAAAAAGACAAACT  137835

Query  137052  caaaaaaagacacactgaaaaaaagacagagaaaaaaaaagacatagaaaaaaaaagaca  137111
               |||||||||||||||||||||||||||   |||||||||||| ||||||||||||||||
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Query  137112  tagacaaaaaaagaccaagataaaaaaatacaagcaaaaaaaatacccagccaaaaaaa  137171
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Query  137172  gaccgagcgaaaaaaagaccgagctaaaaaaagacctaggaaaaaaaatacctaggcaaa  137231
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Query  137232  aaaatacgaagggaaaaaaatacgaaggtaaaaaaaatacgcagtaaaaaaaatacggagt  137291
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Query  137292  caaaaaaatacgtagtgaaaaaaatacgtagttaaaaaacaacgtataaaaaaaaatact  137351
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Query  137352  aatacaaaaaaaaCCGTCCGTAAAACCGCGACCGAGCAAAATATATGCCTTAGCCAATAT  137411
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Query  137412  ATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttttttttttt  137471
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Sbjct  138180  ATGCCTTAGGGTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTT  138239

Query  137472  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  137531
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Query  137532  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  137591
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  138300  TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  138359

Query  137592  tttttttttAGCTCCGGCTGGaaaaac--aa--ac--aaa----caa------aaaaaaa  137635
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Sbjct  138360  TTTTTTTTTAGCCCCGACTGCAAAAAATTAATTAATTAAAAAAACAAGCAATTAAAAAAA  138419

Query  137636  caaggacacaaaaaaacaaggacagaaaaaaacaagtacataaaaaaagaataaccaaaa  137695
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Sbjct  138420  CAAGCACAAAAAAAAAGAAGCACAGAAAAAAACAAGTACAGAAAAAAAGAAGTACCAAAA  138479

Query  137696  aaaacaataacccaaaaaaacaataacccaaaaaaacaatcacctaaaaaaagaatcacg  137755
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Query  137756  aaaaaaaacaatgacgcaaaaaaagaattacggaaaaaaagacaaacgtaaaaaaagaca  137815
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Query  137816  cactaaaaaaaagacaaactgaaaaaaagacacacttaaaaaaagacagacttaaaaaaa  137875
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Query  137876  tacagagaaaaaaaaatacatagacaaaaaaagaccaagagaaaaaaagacccagataaa  137935
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Query  137936  aaaatacccagcaaaaaaaatacccagcgaaaaaaagaccgagctaaaaaaagacctagg  137995
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Query  137996  aaaaaaaatacctaggaaaaaaaagacgaagggaaaaaaatacgaagggaaaaaaatacg  138055
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Query  138056  cagtaaaaaaaatacggagtcaaaaaaatacggagtgaaaaaaatacgtagttaaaaaac  138115
               || |||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  138116  aacgtataaaaaaaaaaacctccctaaaaaCCCTGACAGAGA--AAAATATATGCCTTAGC  138173
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Query  138174  CAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttt  138233
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Query  138234  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  138293
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Query  138354  tttttttttttttttt--AGCCCCGACTGcaaaa--aattaattaat-----------t-a  138397
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Query  138398  aaaaaacaagcaattaaaaaaacaagcacaaaaaaaaagaagcacagaaaaaaacaagta  138457
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Query  138458  cagaaaaaaagaagtaccaaaaaaaacaataaccaaaaaaaacaataaccgaaaaaaaga  138517
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Query  138518  atcaccgaaaaaaacaatcacctaaaaaaagaatgacgaaaaaaaagaattacggaaaaa  138577
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Sbjct  139302  ATAACCGAAAAAAAGAATGACGAAAAAAAACAATGACGCAAAAAAAGAATGACGCAAAAA  139361

Query  138578  aagacaaacgtaaaaaaagacaaacgtaaaaaaacacaaactcaaaaaaagacacactga  138637
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Query  138638  aaaaaagacagacttaaaaaaagacagagaaaaaaaaagacatagacaaaaaaagaccaa  138697
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Query  138698  gagaaaaaaataccaagataaaaaaagaccaagcaaaaaaaagacccagccaaaaaaata  138757
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Query  138758  ccgagctaaaaaaatacctagctaaaaaaatacctaggaaaaaaaatacgaaggcaaaaa  138817
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Query  138818  aagacgcagggaaaaaaagacgaaggtaaaaaaatacgcagtaaaaaaaatacggagtga  138877
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Query  138878  aaaaaatacggagttaaaaaaaaCCTTCCTTAAAACCCGGAAGGACTAAAATATATGCCT  138937
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Query  138938  TAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGttttttttttttttctttttt  138997
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Sbjct  139706  TAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTCTTTTTT  139765

Query  138998  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  139057
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Query  139118  ttttttttttttttttttAGAGCCCCCTCTaaaaaatgaatgaatgaaaaaaacaagaa  139177
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Query  139178  atgaaaaaaacaagaaattaaaaaaacaagga----------caa------aaaaaaaga  139221
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Query  139222  agcacacaaaaaaacaaggacagaaaaaaagaagtacataaaaaaacaagtaccaaaaaa  139281
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Sbjct  140006  AGCACACAAAAAAAACAAGGACAGAAAAAAAGAAGTACAGAAAAAAAGAAGTACCAAAAAA  140065

Query  139282  aagaataacccaaaaaaagaataaccgaaaaaaagaatgacgaaaaaaaacaatgacgca  139341
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Sbjct  140066  AACAATAACCCAAAAAAAGAATCACCGAAAAAAACAATCACCGAAAAAAACAATGACGAA  140125

Query  139342  aaaaaagaatgacgcaaaaaaagaattacggaaaaaaagaattacgtaaaaaaagacaaa  139401
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Query  139402  ctaaaaaaaagacacactcaaaaaaagacacactgaaaaaaagacagacttaaaaaaaga  139461
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Query  139462  cagagaaaaaaaaagaccaagagaaaaaaagaccaagataaaaaaagacccagataaaaa  139521
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Query  139522  aatacccagccaaaaaaagaccgagcgaaaaaaatacccgagctaaaaaaatacctaggaa  139581
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Query  139582  aaaaaatacctaggcaaaaaaatacgaaggtaaaaaaatacgcaggtaaaaaaatacgga  139641
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Query  139642  g-taaaaaaaatacggagtcaaaaaaaaccttcgaaaaaaccccgaaagacgaaaaTATA  139700
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Sbjct  140426  GGTAAAAAAAAA--CG-AC-CGAGAAAA-CC--C-A-----CTTTGACA----AAAATATA  140468

Query  139701  TGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttc  139760
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Sbjct  140469  TGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTTC  140528
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```
Query  139761  tttttt
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```
Query  141406  ttttttttttttttttttttttttttttttttttttttACGGCATCCTATaaaaaaggaagga  141465
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Query  141466  aggaaaaaaacaacgaagcaaaaaaaaaactaagtaaaaaaacaactaa-taaaaaaa-a  141523
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Query  141524  -c-aag-aaat---caa--aa-aaacaa--ct---aatgaaaaaaacaagaaattaaaaa  141569
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Sbjct  142294  ACTAAGTAAAAAAACAACTAATAAAAAAAACAAGAAATGAAAAAAACAAGAAATGAAAAA  142353

Query  141570  aacaaggacaaaaaaaaacaagcacacaaaaaaagaaggacagaaaaaaacaagtacata  141629
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Query  141630  aaaaaacaagtaccaaaaaaaagaatcacccaaaaaaacaatcaccgaaaaaaagaatca  141689
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Query  141690  cgaaaaaaaagaatgacgaaaaaaaacaatgacgcaaaaaaacacaaacggaaaaaaaga  141749
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Query  141750  caaactaaaaaaaagacaaactcaaaaaaagacaaactcaaaaaaatacacacttaaaaa  141809
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Query  141810  aagacatagaaaaaaaaagacatagaaaaaa  141840
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Range 4: 115853 to 140310

Score	Expect	Identities	Gaps	Strand	Frame
20630 bits(11171)	0.0()	20198/24627(82%)	338/24627(1%)	Plus/Plus	

Features:

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Query  118157  aaaaaaaaaTCTATCTAAAACTGGGGGTGGT-AAAAATATATGCCTTAGCCAATATATGC  118215
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Sbjct  115853  AAAAAAAAATATCGCGAAAACT-TGGTAAGTAAAAAATATATGCCTTAGCCACTAGTTGC  115911

Query  118216  CTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttttttttttttt  118275
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Query  118276  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  118335
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Query  118336  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  118395
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Query  118396  tttttCGCTGCGGGCGGaaaaagttagttagttaaaaaaacaactgatcaaaaaaaatact  118455
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Query  118456  cat-caaaaaa-aatacttatccaaaaaacaacttatcgaaaaaacaagaaatctaaaaa  118513
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Query  118514  aatagaaatgaaaaaaacaagacatgcaaaaaacaagacatgtaaaaaacaagagattaa  118573
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Query  118574  aaaaacaagatattcaaaaaacaagcaattcaaaaaa-ca-agcaattgaaaaaaccagc  118631
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Query  118632  ccaaaaaaaaacaagcccaacaaaaaaccagcgcaac-aaaaaacaagcgcaataaaaaa  118690
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Query  118691  caagctcacaaaaaaacaagctcaccaaaaaaccaggacacgaaaaaacaaggacactaa  118750
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Query  118751  aaaaccagggcagaaaaaaaccagggcagcaaaaaaccagggcaggaaaaaaccag-gtc  118809
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Query  118810  agtaaaaaaccag-gtcatcaaaaaaccagt-ccatcaaaaaacgag-tccattaaaaaa  118866
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Query  118867  ccagt-ccattaaaaaacgagtgccacaaaaaaccagttccac-aaaaaaccagttccat  118924
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Query  118925  aaaaaaaaaTGCATGAAAAACTGAgggggggTAAAATATATGCCTTAGCCAATATATGCC  118984
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Query  118985  TTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttttttttttttt  119044
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Query  119045  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  119104
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Query  119105  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  119164
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Query  119279  aaaaatagaaatctaaaaaaatagaaatgaaaaaaacaagacatgcaaaaaacaagacat  119338
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Query  119458  acaagcgcaagaaaaaaccagctcaataaaaaaccagctcaccaaaaaacaaggacacga  119517
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Query  119638  g-tccatgaaaaaaccag-tccattaaaaaaccagtgccaaaaaaaaccagttccacaaa  119695
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Query  119696  aaaaaaTGGATGGAAAACTCTGGGAGGGCAAAATATATGCCTTAGCCAATATATGCCTTA  119755
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Range 5: 118157 to 142614

Score	Expect	Identities	Gaps	Strand	Frame
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Features:

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Sbjct  122021  GGCAGGCCAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGT  122080

Query  119777  tttttttttttttttctttttttttttttttttttttttttttttttttttttttttttt  119836
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Query  119837  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  119896
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Query  119897  tttttttttttttttttttttttttttttttttttttttCGATGCCGGCGaaaaaaagtc  119956
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Query  119957  agtcagtcaaaaaaatactaataaaaaaaaatactaatacaaaaaacaactcatag--aa  120014
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Query  120015  aaaacaactcatataaaaaaatactgatcaaaaaaacaactgatcgaaaaaacaacttat  120074
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Query  120075  ctaaaaaaatagaaatgaaaaaaaatagacatgaaaaaaaatagacatg--c-aaaaaac  120131
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Query  120132  aagacatgtaaaaaacaagatattaaaaaaacaagatattcaaaaaacaagcaattgaaa  120191
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Query  120192  aaacaagcaatttaaaaaacaagcccaaaaaaaaacaagcgcaacaaaaaacaagcgcaa  120251
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Query  120312  ccacgaaaaaaccaggccactaaaaaaccagggcagaaaaaaaccagggcagcaaaaaac  120371
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Query  120372  caggtcagtaaaaaaccaggtcagtaaaaaaccaggtcatcaaaaaaccagtacatcaaa  120431
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Query  120432  aaaccagtccattaaaaaacgagtgccaaaaaaaaaaTTAA-TTAAAAACTCGGGCGGG  120490
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Query  120491  GAAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttt  120550
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Query  134309  GAGTGATTAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGt  134368
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Range 6: 115853 to 138771

Score	Expect	Identities	Gaps	Strand	Frame
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Features:

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Sbjct  116442  AGTAAAAAACCAGTACATAAAAAAACCAGTACATCAAAAAACGAGTCCATTAAAAAACGA  116501

Query  120342  gggcagaaaaaaaccagggcagcaaaaaaccag-gtcagtaaaaaaccaggtcagtaaaa  120400
               | ||  |||||||||  ||  ||||||||||  | ||||||||||  |||  |||||||||
Sbjct  116502  GTGCCAAAAAAAAACGAGTGCCAAAAAAAAACCAGTGCCA-CAAAAAACCAGTTCCATAAAA  116560

Query  120401  aacca-ggtcatcaaaaaaccagtacatcaaaaaaccagtccattaaaaaacgagtgcca  120459
               ||||  |  |||  ||||||||  |  ||  ||||||||||  ||  |||||||| | |||
Sbjct  116561  AACGATAACCAT-AAAAAAACGATAACCCAAAAAAACCATACCCCGAAAAAACGATAGCCC  116619

Query  120460  aaaaaaaaaaTTAATTAAAAACTCGGGCGGGGAAAAATATATGCCTTAGCCAATATATGC  120519
               ||||||||||  ||  |||||||  ||  ||  ||||||||||||||||||||||||||
Sbjct  116620  TAAAAAAAAATCCATCAAAAACTTCGGTTGGTTAAAATATATGCCTTAGCCAATATATGC  116679

Query  120520  CTTAGGGTTTATATGCCTTAGTGGtttttttttttttttttttttttttttttttttttt  120579
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Sbjct  116680  CTTAGGGTTTATATGCCTTAGTGGTTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTTTTT  116739

Query  120580  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  120639
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  120640  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  120699
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Query  120700  tttttCGACGCCAGCCtaaaaagtaagtaag-ta-aaaaaaatacggagttaaaaaac-a  120756
               |||||||  ||  ||  |||||||  ||  |  ||  |||||||||||  |||||||| |
Sbjct  116860  TTTTTCGGGGCTCGCTCAAAAA-T-AGATAGATAGAAAAAAATACTGATCGAAAAAACAA  116917

Query  120757  -acgtataaaaaaaaatactaatacaaaaaaatactcatagaaaaaaatactgatat--a  120813
                |  | |||||||| ||| |  ||| |||||||  |  ||| |||||||  |||| |  |
Sbjct  116918  GAAATCTAAAAAACAAGA--AATGAAAAAAACAAGACAT-GCAAAAAACA-AGACATGGA  116973

Query  120814  aaaaacaactgatcaaaaaaacaactgatccaaaaaacaacttatctaaaaaacaagaaa  120873
               ||||||||  |||  ||||||||||  ||  ||||||||||  |||  |||||||||  ||
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Query  120874  tgaaaaaaacaagacatgcaaaaaaatagacatggaaaaaacaagacatggaaaaaacaa  120933
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Sbjct  117034  TTTAAAAAACAAGCAATTTAAAAAACAAGCCCAACAAAAAACAAGCCCAAGAAAAAACAA  117093

Query  120934  gag-atgtaaaaaacaagatattaaaaaaacaagatattcaaaaaacaagcaatttaaaa  120992
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Sbjct  117094  GCGCAAG-AAAAAACAAGCTCACAAAAAAACCAGCTCACCAAAAAACAAGGACACCAAAA  117152

Query  120993  aacca-gccatttaaaaaaccagcccaacaaaaaaccagcgcaacaaaaaaccagctcaa  121051
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Query  121052  taaaaaaccagctcacaaaaaaacaagctcaccaaaaaaccaggacacgaaaaaaccagg  121111
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Sbjct  117212  GAAAAAACCAGGTCAGTAAAAAACCAGTACATAAAAAAACCAGTACATAAAAAAACCAGT  117271

Query  121112  acactaaaaaaccaggccagaaaaaaaccagggcagcaaaaaaccag-gtcaggaaaaaa  121170
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Sbjct  117272  CCATGAAAAAACCAGTCCATTAAAAAACCAGTCCCAAAAAAAACGAGTGCCA-CAAAAAA  117330

Query  121171  ccaggtc-agtaaaaaaccag-tacataaaaaaaccagtacatcaaaaaacgagtccatg  121228
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Query  121229  aaaaaaaaaTTCATTCAAAACTCAGGCGGGCTAAAATATATGCCTTAGCCAATATATGCC  121288
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Query  121289  TTAGGGTTTATATGCCTTAGTGGtttttttttttttttttttttttttttttttttttt  121348
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  121349  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  121408
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  121409  ttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  121468
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Query  121409  tttttt
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Query  127576  tttttttttttttttttttttttttttttttttttttCAGCCTTAGAG--Taaaaa  127633
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Query  127634  gaaagaaagaaaaaaaaatacccaagataaaaaaagacccagcaaaaaaaagacccagcaa  127693
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Query  127694  aaaaaagaccgagcgaaaaaaatacccgagctaaaaaaagacctaggaaaaaaaatacccta  127753
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Query  127813  acggagtc-aaaaaaatacgtagtgaaaaaaatacgtagttaaaaaacaac-ta-ataaa  127869
Sbjct  123973  ACTGA-TCAAAAAAATACTTATCCAAAAAACAACTTATCGAAAAAACAACTTATCTAAA  124031
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Query  127988  tagaaatgcaaaaaacaagacatggaaaaaacaagacatgtaaaaaacaagag-attaaa  128046
Sbjct  124148  AAGCAATTTAAAAAACCAGCCCAACAAAAAACCAGCCCAACAAAAAACAAGCGCAAT-AA  124206
Query  128047  aaaaaaagat-attaaaaaaaaagatattaaaaaaaaagagattgaaaaaa-aaagaa  128104
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Query  128047  aaaacaagat-attcaaaaaacaagatattcaaaaaacaagcaattgaaaaaa-caagcc  128104
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Query  128105  atttaaaaaacaagcccaacaaaaaaccagcccaagaaaaaaaacaggcaggaaaacGGA  128164
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Query  128165  GCCTGCGGAAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGt  128224
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Query  128225  tttttttttttttttctttttttttttttttttttttttttttttttttttttttttttt  128284
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Query  128285  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  128344
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Query  128345  ttttttttttttttttttttttttttttttttttttttC--ACTCTGGGAGGaaaaac  128402
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Query  128403  ttacttacttaaaaaaagacatagacaaaaaaataccaagagaaaaaaagaccaagataa  128462
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Query  128463  aaaaatacccagccaaaaaaatacccagccaaaaaaataccgagcgaaaaaaatacccgag  128522
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Query  128523  ctaaaaaaagacgaaggcaaaaaaatacgaagggaaaaaaatacgaagggaaaaaaatac  128582
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Query  128583  gcagta-aaaaaaatacgcagtc-aaaaaacaacggagtgaaaaaaatacgtagttaaaa  128640
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Query  128641  aacaactaagttaaaaaacaactaatacaaaaaaatactcatagaaaaaacaactcatat  128700
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Query  128701  aaaaaacaactgatcaaaaaaacaacttatccaaaaaacaacttatcgaaaaaacaactt  128760
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Query  128761  atctaaaaaaatagaaatgaaaaaaacaagacatgcaaaaaacaagagatggaaaaaaca  128820
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Query  128821  agagattaaaaaaacaagatattaaaaaaaccagatattcaaaaaacaagcaattgaaaa  128880
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Query  128881  aacaagcacaaaaaaaaacaagcccaacaaaaaaaacaGTCAGTAAAACGCTGCCGGCGA  128940
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Query  128941  AAAATATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttt  129000
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Query  129121  tttttttttttttttttttttttttttttttCACACT-CTGAGaaaaaa-ct-gactga  129177
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Query  129178  ctgaaaaaaatacagagaaaaaaaaagacatagaaaaaaaaatacatagagaaaaaaaga  129237
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Query  129238  ccaagataaaaaaagacccagcaaaaaaaataccccagccaaaaaaataccgagcgaaaaa  129297
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Query  129298  aataccgagctaaaaaaagacctaggaaaaaaaatacctagggaaaaaaat-acgaaggg  129356
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Query  129357  aaaaaaatacgcaggta-aaaaaata-cgcagta-aaaaaaatacggagtcaaaaaacaa  129413
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Query  129414  cgtagttaaaaaaatacgtata-aaaaaaacaactaatacaaaaaaatactaa-t-acaa  129470
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Query  129471  aaa-aatactcatagaaaaaacaactgatc-aaaaaa-aatactgatccaaaaaaatact  129527
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Query  129528  tatcgaaaaaacaacttatctaaaaaacaagaaatgaaaaaaacaag-acatgcaaaaa  129586
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Query  129587  caagacatggaaaaaacaagag-atgtaaaaaacaagag-attaaaaaaacaagatattc  129644
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Query  129645  aaaaaacaagatattgaaaaaacaagcaatttaaaaaaaaCATCCATCAAAACGCGGCCC  129704
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Query  129705  CCCTAAAATATATGCCTTAGCCAATATATGCCTTAGCCTTTATATGCCTTAGTGGttttt  129764
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Query  129765  tttttttttttctttttttttttttttttttttttttttttttttttttttttttttt  129824
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Query  131548  tttttt
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Query  133461  actgatccaaaaaacaacttatcgaaaaaacaagaaatctaaaaaaatagaaatgaaaaa  133520
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Query  133521  aaaac--ccacccaaaaaccttgatcgcaaaaaaTATATGCCTTAGCCAATATATGCCTT  133578
Sbjct  129681  AAAACATCCATC-AAAACGCG-GCCCGCCTAAAATATATGCCTTAGCCAATATATGCCTT  129738
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Query  134698  cttaaaaaaagacagacttaaaaaaagacatagaaaaaaaaagacatagacaaaaaaaga  134757
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Query  134758  ccaagataaaaaaatacccagcaaaaaaaagacccagcaaaaaaaagacccagcgaaaaa  134817
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Query  134818  aatacctagctaaaaaaagacctaggaaaaaaaatacgaaggcaaaaaaatacgaaggga  134877
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Query  134878  aaaaaatacgcaggta-aaaaaata-cgcagtaaaaaaaata-cgcagtgaaaaaaata-  134933
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Query  134934  cgtagtgaaaaaaatacgtagttaaaaaaatactaatacaaaaaacaacta-ata--caa  134990
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Query  134991  aaaaatactcatagaaaaaaatactgatcaaaaaaacaactgatcaaaaaaacaacttat  135050
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Query  135051  ccaaaaaaaaccctccctaaaacC-TCGAGGGATCAAAATATATGCCTTAGCCAATATAT  135109
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Query  135110  GCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttttttttttttt  135169
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Query  135170  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  135229
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Query  135230  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  135289
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Query  135290  ttttttttAGTTCGAGCTTGa-aaaac-ca-accaaccaaaaaaaagaataacccaaaaaa  135346
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Query  135347  acaatcaccgaaaaaaagaatcacctaaaaaaaagaatgacg-aaaaaaa-acaatgacgc  135404
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Query  135405  aaaaaaaga-att-acggaaaaaaaga--attacgtaaaaaaaagaca-aactcaaaaaaa  135459
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Query  135460  gacacactcaaaaaaag-acacactgaaaaaaaagacagacttaaaaaaaagacatagaaaa  135518
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Query  135519  aaaaagaccaagacaaaaaaaagaccaagataaaaaaaagaccaagcaaaaaaaagacccag  135578
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Query  135579  ccaaaaaaataccgagccaaaaaaataccgagctaaaaaaaatacc-gaggaaaaaaaaga  135637
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Query  135638  cctaggcaaaaaaatacgaagggaaaaaaatacgcaggta-aaaaaata-cgcagtaaaa  135695
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Query  135696  aaaata-cgcagtcaaaaaaata-cggagtgaaaaaaata-cgtagtgaaaaaaatacta  135752
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Query  135753  a-ta-aaaaaa-aatactaatacaaaaaacaactcatagaaaaaacaactcatataaaaa  135809
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Query  135810  acaactgatcaaaaaaaaccgaccgaaaaacCTAGAGA-G-ATAAAAATATATGCCTTA  135867
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Query  135868  GCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttttt  135927
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Query  135928  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  135987
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Query  135988  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  136047
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Query  136107  ataaaaaaagaataacccaaaaaaagaataacccaaaaaaagaatcacctaaaaaaagaa  136166
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Query  136167  tgacgaaaaaaaagaatgacgcaaaaaaacaattac-g-ga-aaaaaagaattacg-gaa  136222
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Query  136223  aaaaacac-aaacgtaaaaaaagacaaactaaaaaaaagacacactgaaaaaaagac--a  136279
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Query  136280  gacttaaaaaaagacagagaaaaaaaaagacatagacaaaaaaagacatagagaaaaaa  136339
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Query  136340  taccaagataaaaaaagacccagcaaaaaaaagacccagccaaaaaaatacccgagcgaaa  136399
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Query  136400  aaaatacctagctaaaaaaagacctaggaaaaaaaatacctagggaaaaaaatacgaagg  136459
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Query  136518  -cggagttaaaaaaatactaagttaaaaaacaactaatacaaaaaaatactc-atacaaa  136575
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Query  136635  AGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttttt  136694
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Query  136695  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  136754
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Query  136755  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  136814
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  136815  tttttttttttttttttAGGGCCTCCTGTaa-aaacacacacacac-aaaaaaac-aag  136871
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Sbjct  132975  TTTTTTTTTTTTTTTTTAT--C-TCGGGGAACAAAAACGAACGAACGAAAAAAAAGAAT  133031

Query  136872  gacagaaaaaaacaagtacataaaaaaacaataaccaaaaaaaacaataacccaaaaaaa  136931
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Sbjct  133032  GACGCAAAAAAAACAATTACGGAAAAAAAGACAAACGTAAAAAAACACAAACTAAAAAAAA  133091

Query  136932  gaatcacctaaaaaaagaatcacctaaaaaaagaatgacg-aaaaaaa-acaatgacgca  136989
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Query  136990  aaaaaagaattac--g-gaaaaaaaga--attacgtaaaaaaagacaaactaaaaaaaag  137044
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Query  137045  acacactcaaaaaaagacacactgaaaaaaagacagagaaaaaaaaagacatagaaaaaa  137104
               || | |||||||||| |||| ||| |||||||||| ||| |||||||||| ||| ||||
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Query  137105  aaagacatagacaaaaaaagaccaagataaaaaaatacccaagcaaaaaaaatacccagcc  137164
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Query  137165  aaaaaaagaccgagcgaaaaaaagaccgagctaaaaaaagacctaggaaaaaaaatacct  137224
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Query  137225  aggcaaaaaaaatacgaagggaaaaaaaatacg-aaggtaaaaaaatacgcagtaaaaaaa  137283
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Query  137284  ta-cggagtcaaaaaaa-tacgtagtgaaaaaaata-cgtagttaaaaaacaacgtataa  137340
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Query  137341  aaaaaaatactaatacaaaaaaaaCCGTCCGTAAAACCGCGACCGAGCAAAATATATGCC  137400
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Query  137401  TTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttctttt  137460
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Query  137461  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  137520
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Query  137521  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  137580
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Query  137581  tttttttttttttttttttAGCTCCGGCTGGaaaaaacaaacaaacaaaa-aaaaacaag  137639
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Sbjct  133741  TTTTTTTTTTTTTTTTTTTATC-CCGGA-G-AAAAA-AAACCGACCGACCGAAAAAAAG  133796

Query  137640  ga-cac-aaaaaaac-aaggacagaaaaaaacaagtacataaaaaaagaataacc-aaaa  137695
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Query  137696  aaa-acaataacccaaaaaaacaataacccaaaaaaacaatcacctaaaaaaagaatcac  137754
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Query  137755  g-aaaaaaa-acaatgacgcaaaaaaaga-att-acggaaaaaaagac-aaacgtaaaaa  137809
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Query  137810  aagacacacta-aaaaaaagacaaactgaaaaaaagacacacttaaaaaaagacagactt  137868
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Query  137869  aaaaaaatacagagaaaaaaaaatacatagacaaaaaaagaccaagagaaaaaaagaccc  137928
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Query  137929  agatacccaaaaaaatacccagcaaaaaaaatacccagcgaaaaaaagaccgagctaaaaaaag  137988
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Query  137929  agatcaaaaaaatatcccagcaaaaaaaaatatcccagcgaaaaaaagatcgagctaaaaaaag  137988
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Query  137989  acct-ag-gaaaaaaaatacctaggaaaaaaaagacgaagggaaaaaaatacgaagggaa  138046
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Query  138047  aaaaatacgcagta-aaaaaaatacggagtcaaaaaaa-tacggagtgaaaaaaata-cg  138103
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Query  138104  tagttaaaaaacaacgtataaaaaaaaaacctccctaaaaaCCCTGACAGAGA--AAAAT  138161
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Query  138162  ATATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttt  138221
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Query  138222  ttctttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  138281
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Query  138282  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  138341
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Query  138342  tttttttttttttttttttttttttttA--GCCCCGACTGcaaaaaattaattaattaaa  138399
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Query  138400  aaaacaagcaattaaaaaaacaagcacaaaaaaaaagaagcacagaaaaaaacaagtaca  138459
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Query  138460  gaaaaaaagaagtaccaaaaaaaacaataaccaaaaaaaacaataaccgaaaaaaaagaat  138519
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Query  138520  caccgaaaaaaacaatcacctaaaaaaagaatgacgaaaaaaaagaattacggaaaaaaa  138579
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Query  138580  gaca-a-acgtaaaaaaagacaaacgtaaaaaaacacaaactcaaaaaaagacacactga  138637
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Query  138638  aaaaaagac--agacttaaaaaaagacagagaaaaaaaaagacatagacaaaaaaagacc  138695
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Sbjct  134798  AAAAAAGACCCAG-CG-AAAAAAATACCTAGCTAAAAAAAGACCTAGGAAAAAAAATACG  134855

Query  138696  aagagaaaaaaatacaagataaaaaaagac-caagcaaaaaaaagacccagccaaaaaa  138754
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Query  138755  ataccgagctaaaaaaatacctagctaaaaaaatacctaggaaaaaaaatacgaaggcaa  138814
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Query  138815  aaaaagacgcagggaaaaaaagacg-aaggtaaaaaaatacgcagtaaaaaaaata-cgg  138872
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Query  138873  agtgaaaaaaata-cggagttaaaaaaaaCCTTCCTTAAAACCCGGAAGGACTAAAATAT  138931
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Query  138932  ATGCCTTAGCCAATATATGCCTTAGGGTTTATATGCCTTAGTGGtttttttttttttttt  138991
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Query  138992  ctttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  139051
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Query  139052  tttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt  139111
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Query  139112  tttttttttttttttttttttttttAGAGCCCCCTCTaaaaaatgaatgaatgaaaaaaa  139171
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Query  139172  c-aagaaatgaaaaaaacaagaaattaaaaaaacaaggacaaaaaaaaagaagcacacaa  139230
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Query  139349  a-atgacgcaaaaaaagaattacggaaaaaaaagaattacgtaaaaaaaagacaaactaaaa  139407
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Query  139408  aaaagacacactcaaaaaaagacacactgaaaaaaaagacagacttaaaaaaagacagaga  139467
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Sbjct  135568  AAAAGACCCAGCCAAAAAAATACCGAGCCAAAAAAATACCGAGCTAAAAAAATACCGAGG  135627

Query  139468  aaaaaaaagaccaagagaaaaaaagaccaagataaaaaaagacccagataaaaaaatacc  139527
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Query  139528  cagccaaaaaaagaccgagcgaaaaaaaataccgagctaaaaaaaatacctaggaaaaaaaa  139587
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Query  139588  tacctaggcaaaaaaa tacgaaggta aaaaaata cgcaggta aaaaaata cggag  139642
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Query  115910  GCCTTAGGGTTTATATGCCTTAGTGGttttttt
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Query  120772  tactaatacaaaaaaatactcatagaaaaaaatactgatataaaaaaca-actga-tcaa  120829
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