mRNAid

Input

Five Prime Flanking Sequence: AGGAATAAACTAGTATTCTTCTGGTCCCCACAGACTCAGAGA-
GAACCCGCCACC

Three Prime Flanking Sequence:
ATCGTGGGCATTGTTGCTGGCCTGGCTGTCCTAGCAGTTGTGGTCATCGGAGCTGTGGTCGC-
TACTGTGATGTGTAGGAGGAAGAGCTCAGGTGGAAAAGGAGGGAGCTACTCTCAGGCT-
GCGTCCAGCGACAGTGCCCAGGGCTCTGATGTGTCTCTCACAGCTTGATGAGCTGGAGC-
CTCGGTGGCCTAGCTTCTTGCCCCTTGGGCCTCCCCCCAGCCCCTCCTCCCCTTCCTGCAC-
CCGTACCCCCGTGGTCTTTGAATAAAGTCTGAGTGGGCG-
GCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

mRNA Sequence:
AGAGAACCCGCCACCAUGGACGCAAUGAAGAGAGGC-
CUGUGCUGCGUGCUGCUGCUGUGCGGCGCCGUGUUCGUGAGCCCCAUGCUGUGGCACGC-
CAUGCCACCAGAGCUGAACACCGCCAGACUGAUGGCCGGCGCAGGACCAGCCCCAAUGCUG-
GCCGCCGCCGCCGGAUGGCAGACACUGAGCGCAGCCCUGGACGCACAGGCCGUGGAACU-
GACCGCCAGACUGAACAGCCUGGGAGAGGCCUGGACAGGCGGCGGCAGCGACAAGGC-
CCUGGCCGCCGCCACACCAAUGGUGGUGUGGCUGCAGACCGCCAGCACCCAGGCCAAGA-
CAAGAGCCAUGCAGGCCACCGCCCAGGCCGCCGCCUACACCCAGGCCAUGGCCACCAC-
CCCCAGCCUGCCAGAGAUCGCCGCCAACCACAUCACCCAGGCCGUGCUGACCGCCAC-
CAACUUCUUCGGCAUCAACACCAUCCCCAUCGCCCUGACCGAGAUGGACUACUUCAUCA-
GAAUGUGGAACCAGGCCGCCCUGGCCAUGGAGGUGUACCAGGCCGAGACCGCCGUGAA-
CACCCUGUUCGAGAAGCUGGAGCCCAUGGCCAGCAUCCUGGACCCCGGCGCCAGCCAGAG-
CACCACCAACCCCAUCUUCGGCAUGCCCAGCCCCGGCAGCAGCACACCAGUG-
GGCCAGCUGCCCCCAGCCGCCACCCAGACCCUGGGACAGCUGGGAGAGAUGAGCGGCCC-
CAUGCAGCAGCUGACCCAGCCACUGCAGCAGGUGACCAGCCUGUUCAGCCAGGUGGGCG-
GCACCGGCGGCGGAAACCCAGCCGACGAGGAAGCCGCCCAGAUGGGACUGCUGGGAA-
CAAGCCCACUGAGCAACCACCCACUGGCCGGAGGCUCAGGACCAAGCGCCGGCGCCGGC-
CUGCUGAGAGCCGAGUCACUGCCCGGCGCCGGAGGCAGCCUGACAAGAACCCCCCUGAU-
GAGCCAGCUGAUCGAGAAACCCGUGGCCCCCAGCGUGAUGCCAGCCGCCGCCGCCG-
GAAGCUCAGCAACCGGAGGAGCAGCACCAGUGGGAGCCGGAGCCAUGGGACAGGGCG-
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GCAGCAUCGUGGGCAUUGUUGCUGGCCUGGCUGUCCUAGCAGUUGUGGUCAUCG-
GAGCUGUGGUCGCUACUGUGAUGUGUAGGAGGAAGAGCUCAGGUGGAAAAGGAG-
GGAGCUACUCUCAGGCUGCGUCCAGCGACAGUGCCCAGGGCUCUGAUGUGUCUCU-
CACAGCUUGAUGAGCUGGAGCCUCGAGAGAACCCGCCACCAUGGACGCAAUGAAGAGAGGC-
CUGUGCUGCGUGCUGCUGCUGUGCGGCGCCGUGUUCGUGAGCCCCAUGGCCAGAGGC-
CUGCAGGGCGUGAUGCUGAGGAGCUUCGGCGCCAGGGACCACACCGCCACCGUGAUC-
GAGACCAUCAGCAUCGCCCCCCACUUCGUGAGGGUGAGGAUGGUGAGCCCCACCCUGU-
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GCAGCAACACCGAGUUCCAGAGGGCCUACACCAUCAGCGAGGCCGACCCAGCCGCCGGCA-
GAUUCGCCGUGGACGUGGUGCUGCACGACCCAGCCGGCCCAGCCAGCAGCUGGGCCA-
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GAGCGACUGGUACGCCUGGGCCACCCCCGAGGCCGCCGCCCUGAAGUGCGUGAGAGUGAG-
GCUGAGGGACGAGUUCGGCUUCCCCAAGAGCGAGAUCCACGCCCAGGCCUACUGGAACGC-
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GGCGCCGCCCCACAGCCAGAGUCAGCCGUGCCAGCCCCAGCCAGAGGCAGCUGGAGAGC-

CCAGGCAGCAAGCAGACUGCUGGCACCCCUGAAGCUGCCCCUGGUGCUGAGCG-
GCGUGCUGGCCGCCCUGGUGACACUGGCCCAGCUGGCCCCAUUCGUGCUGCUGGUG-
GAGCUGAGCAGGCUGCUGGUGAGCGGCGCCGGAGCCCACAGACUGUUCACAGUGGGCU-
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GCUGCACGUGAUCGACGCCAGGUUCGCCAGGGCCCUGAGACUGAGGCUGCUGAGCAAGCU-
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CGCCGUGGUGGCCCCCGUGGGCGUGCUGGUGUACCUGUUCGUGGUGGACUGGAGAGUG-
GCCCUGGUGCUGUUCGGCCCCGUGCUGGUGUACCUGACCAUCACCAGCAGCCUGAC-
CAUCCAGAGCGGCCCCAGGAUCGUGCAGGCCCAGAGGUGGGCCGAGAAGAUGAACGGC-
GAGGCCGGCAGCUACCUGGAGGGCCAGCCCGUGAUCAGAGUGUUCGGCGC-
CGCCAGCAGCAGCUUCAGGAGGAGGCUGGACGAGUACAUCGGCUUCCUGGUGGCCUGGCA-
GAGGCCCCUGGCCGGCAAGAAGACCCUGAUGGACCUGGCCACCAGACCCGCCACCUUC-
CUGUGGCUGAUCGCCGCCACCGGCACCCUGCUGGUGGCCACCCACAGAAUGGACCCCGU-
GAACCUGCUGCCCUUCAUGUUCCUGGGCACCACCUUCGGCGCCAGACUGCUGGGCAUCGC-
CUACGGCCUGGGCGGCCUGAGGACAGGCCUGCUGGCCGCCAGACACCUGCAGGUGA-
CACUGGACGAGACCGAGCUGGCCGUGAGAGAGCACCCCAGGGAGCCACUGGACGGCGAG-
GCCCCCGCCACCGUGGUGUUCGACCACGUGACCUUCGGCUACAGACCCGGCGUGCCAGU-
GAUCCAGGACGUGAGCCUGACCCUGAGACCAGGCACCGUGACAGCCCUGGUGGGC-
CCCAGCGGAAGCGGCAAGAGCACCCUGGCCACCCUGCUGGCCAGGUUCCACGACGUG-
GAGAGGGGCGCCAUCAGAGUGGGCGGCCAGGACAUCAGGAGCCUGGCCGCCGAC-
GAGCUGUACACCAGAGUGGGCUUCGUGCUGCAGGAGGCCCAGCUGGUGCACGGAACCGC-
CGCCGAGAACAUCGCACUGGCCGUGCCAGACGCCCCAGCCGAGCAGGUGCAGGUG-
GCAGCCAGAGAGGCCCAGAUCCACGACAGGGUGCUGAGACUGCCCGACGGCUACGA-
CACAGUGCUGGGCGCCAACAGCGGCCUGAGCGGCGGCGAGAGGCAGAGACUGAC-
CAUCGCCAGAGCCAUCCUGGGCGACACCCCCGUGCUGAUCCUGGACGAGGCCACCGCCU-
UCGCCGACCCCGAGAGCGAGUACCUGGUGCAGCAGGCCCUGAACAGACU-
GACCAGGGACAGGACCGUGCUGGUGAUCGCCCACAGGCUGCACACCAUCACCAGGGCC-
GACCAGAUCGUGGUGCUGGACCACGGCAGGAUCGUGGAGAGAGGCACCCACGAG-
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GAGUGGCCGUGGCCGCCGCCCAGGACGGCACCAGAGGCGGCAUCGUGGGCAUUGU-
UGCUGGCCUGGCUGUCCUAGCAGUUGUGGUCAUCGGAGCUGUGGUCGCUACUGUGAU-
GUGUAGGAGGAAGAGCUCAGGUGGAAAAGGAGGGAGCUACUCUCAGGCUGCGUCCAGC-
GACAGUGCCCAGGGCUCUGAUGUGUCUCUCACAGCUUGAUGAGCUGGAGCCUCGAGA-
GAACCCGCCACCAUGGACGCAAUGAAGAGAGGCCUGUGCUGCGUGCUGCUGCUGUGCG-
GCGCCGUGUUCGUGAGCCCCAUGAGCUACAUGAUCGCCACCCCAGCCGCCCUGACCGC-
CGCCGCCACCGACAUCGACGGAAUCGGCAGCGCAGUGAGCGUGGCCAACGCAGC-
CGCAGUGGCCGCAACAACAGGAGUGCUGGCCGCCGGAGGCGACGAGGUGCUGGCCGC-
CAUCGCCAGGCUGUUCAACGCCAACGCCGAGGAGUACCACGCCCUGAGCGCCCAGGUGGC-
CGCCUUCCAGACCCUGUUCGUGAGGACCCUGACCGGCGGCUGCGGCGUGUUCAGAAGAA-
GAAGGGGCAGGCAGUGCGUGACCGCCGCCGAGCACAGAGCCGCCGGCGCCGGCAGAA-
GACAGAGGAGAAGAAGAAGCGGCGACGGCCAGUGGAGACUGAGACAGCAGAGACACUUCG-
GCUGCGGCGGCCAGCCCGAGUUCAGGCAGCACAGCGAGCACAGGAGAGGCGGCGGCG-
GCAGCAUCGUGGGCAUUGUUGCUGGCCUGGCUGUCCUAGCAGUUGUGGUCAUCG-
GAGCUGUGGUCGCUACUGUGAUGUGUAGGAGGAAGAGCUCAGGUGGAAAAGGAG-
GGAGCUACUCUCAGGCUGCGUCCAGCGACAGUGCCCAGGGCUCUGAUGUGUCUCU-
CACAGCUUGAUGAGCUGGAGCCUCG

Codon Usage: h_sapiens

Codon Usage freq.threshold: 0.1

Uridine depletion:

avoid Motifs: HindIII

Parameters

Min GC Content: 0.3
Max GC Content: 0.7
Window Size for local GC Content: 100
Entropy Window size: 30

Optimized Outputs

Output 1

RNA Sequence:

AGGAAUAAACUAGUAUUCUUCUGGUCCCCACAGACUCAGAGAGAACCCGCCACCA-
GAGAACCAGCAACAAUGGACGCAAUGAAAAGAGGC-
CUGUGCUGCGUGCUGCUGCUGUGCGGCGCCGUGUUUGUUUCCCCGAUGCUCUG-
GCAUGCGAUGCCGCCUGAACUCAAUACAGCUCGAUUGAUGGCCGGUGCAGGGCCUG-
CACCGAUGCUUGCUGCAGCGGCGGGUUGGCAAACACUCAGUGCUGCGUUGGAUGCG-
CAAGCAGUCGAACUCACUGCACGGCUUAAUUCCCUCGGAGAAGCGUGGACUGGUGGAG-
GAUCCGAUAAAGCGCUCGCUGCGGCUACACCUAUGGUAGUAUGGUUGCAAACUGCAU-
CAACGCAAGCGAAAACUCGGGCUAUGCAAGCAACUGCUCAAGCGGCAGCAUAUA-
CACAAGCGAUGGCUACGACACCUUCUCUUCCGGAAAUAGCUGCAAAUCAUAUUA-
CACAAGCGGUUCUCACUGCGACGAACUUCUUCGGCAUCAACACCAUCCCCAUCGCCCU-
GACCGAGAUGGACUACUUCAUCAGAAUGUGGAACCAGGCCGCCCUGGCCAUGGAG-
GUGUACCAGGCCGAGACCGCCGUGAACACCCUGUUCGAGAAACUUGAACCUAUGGCAU-
CAAUACUUGAUCCUGGUGCUUCACAAUCCACAACUAAUCCUAUAUUUGGAAUGCCUUC-
CCCUGGUUCUUCCACGCCGGUUGGACAACUUCCGCCGGCAGCUACUCAAACUCUCGGU-
CAAUUGGGGGAAAUGUCCGGUCCGAUGCAACAACUCACGCAACCGCUUCAACAGGU-
UACUAGUUUGUUUAGUCAGGUAGGGGGAACAGGGGGGGGGAAUCCUGCAGAUGAA-
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UGCAGGAGGUUCAGGGCCUAGUGCUGGAGCUGGUCUUCUCCGAGCUGAAUCUCUUC-
CUGGGGCGGGGGGUUCACUCACGCGGACACCAUUGAUGUCACAGUUGAUUGAAAAAC-
CUGUCGCACCAUCUGUUAUGCCAGCAGCAGCAGCAGGAUCUUCAGCGACGGGAG-
GUGCUGCACCUGUUGGUGCUGGUGCAAUGGGACAGGGUGCACAGAGUGGUGGUU-
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GAUGAAGAUGAUUGGGAUGAGGAAGAUGAUUGGGGGGGGGGGCGGGUCAAUUGUCG-
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CUCAGGCUGCGUCCAGCGACAGUGCCCAGGGCUCUGAUGUGUCUCUCACAGCUUGAU-
GAGCUGGAGCCAGUAGAGAACCCGCCACCAUGGACGCAAUGAAGAGAGGGUUGUGU-
UGUGUCUUGUUGCUUUGUGGAGCGGUUUUUGUUUCUCCUAUGGCGCGGGGU-
CUCCAGGGAGUAAUGCUUCGGUCAUUUGGGGCCCGCGAUCAUACGGCGACGGUUAUC-
GAGACCAUCAGCAUAGCUCCUCAUUUUGUCCGGGUACGAAUGGUCUCCCCUACACUUUU-
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CAAACGGCAGCAAUACUGAAUUUCAGCGCGCAUAUACGAUUUCAGAAGCAGAUC-
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CUUCCAGACCCUGUUCGUGCGCACCCUGACCGGCGGCUGCGGCGUGUUUCGCCGCA-
GAAGAGGCCGCCAGUGCGUGACAGCCGCCGAACACAGAGCCGCCGGUGCCGGCA-
GACGCCAGCGCCGCAGAAGAUCUGGCGACGGCCAGUGGAGACUGAGACAGCAGAGA-
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GCGGCGGCAGUAUCGUGGGCAUUGUUGCUGGCCUGGCUGUCCUCGCAGUUGUGGU-
CAUCGGAGCUGUGGUCGCUACUGUGAUGUGUAGGAGGAAGAGCUCAGGCGGAAAAG-
GAGGGAGCUACUCUCAGGCUGCGUCCAGCGACAGUGCCCAGGGCUCUGAUGUGU-
CUCUCACAGCUUGAUAAGCUGGAGCCUCUAUCGUGGGCAUUGUUGCUGGCCUG-
GCUGUCCUAGCAGUUGUGGUCAUCGGAGCUGUGGUCGCUACUGUGAUGUGUAGGAG-
GAAGAGCUCAGGUGGAAAAGGAGGGAGCUACUCUCAGGCUGCGUCCAGCGACAGUGC-
CCAGGGCUCUGAUGUGUCUCUCACAGCUUGAUGAGCUGGAGCCUCGGUGGCCUAGCU-
UCUUGCCCCUUGGGCCUCCCCCCAGCCCCUCCUCCCCUUCCUGCACCCGUACCCC-
CGUGGUCUUUGAAUAAAGUCUGAGUGGGCG-
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DNA Sequence:
AGGAATAAACTAGTATTCTTCTGGTCCCCACAGACTCAGAGAGAACCCGCCACCA-
GAGAACCAGCAACAATGGACGCAATGAAAAGAGGCCTGTGCTGCGTGCTGCTGCTGTGCG-
GCGCCGTGTTTGTTTCCCCGATGCTCTGGCATGCGATGCCGCCTGAACTCAATACAGCTC-
GATTGATGGCCGGTGCAGGGCCTGCACCGATGCTTGCTGCAGCGGCGGGTTGGCAAA-
CACTCAGTGCTGCGTTGGATGCGCAAGCAGTCGAACTCACTGCACGGCTTAATTCCCTCG-

GAGAAGCGTGGACTGGTGGAGGATCCGATAAAGCGCTCGCTGCGGCTACACCTATGGTAG-
TATGGTTGCAAACTGCATCAACGCAAGCGAAAACTCGGGCTATGCAAGCAACTGCT-
CAAGCGGCAGCATATACACAAGCGATGGCTACGACACCTTCTCTTCCGGAAATAGCTG-
CAAATCATATTACACAAGCGGTTCTCACTGCGACGAACTTCTTCGGCATCAACACCATCCC-
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GAGGTGTACCAGGCCGAGACCGCCGTGAACACCCTGTTCGAGAAACTTGAACCTATG-
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GCTGTCCTGGCAGTTGTGGTCATCGGAGCTGTGGTCGCTACTGTGATGTGTAGGAGGAA-
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CATGGACGCAATGAAGAGAGGGTTGTGTTGTGTCTTGTTGCTTTGTGGAGCGGTTTTTGT-
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CCCTACACTTTTTCAGGATGCGGAAGCTGAACCTGCAGCGTGGCTTCGGTTTTGGTTTCCG-
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GCTGCAGGACGCTTTGCGGTCGACGTCGTTCTCCATGATCCTGCTG-
GTCCAGCAAGTTCTTGGGCTCGCACGGTTAAACCAGGTGCAACAATTGCAGTAATGAGCCT-
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GCCCATCGAGATGTACCTGGAGCAGCACGACGACAACGACACCCTGATCCCCCTGGC-
CAAGCACCCCAGACTGAGGGTGAGGTGGGTGATGAGGAGGGACGAGAAGAGCCTGGCC-
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GAACCAGCTGCTACTGAGCCAGAAGTTGGGGCAGCACCTCAGCCAGAATCCGCTGTC-
CCAGCTCCAGCTCGAGGTAGTTGGCGAGCTCAGGCAGCTTCCCGGTTGCTTGCTCCACT-
CAAACTTCCACTCGTACTCAGTGGTGTTCTCGCTGCATTGGTTACCCTTGCACAGTTG-
GCTCCATTTGTATTGTTGGTCGAATTGTCCCGGCTCCTCGTTTCCGGAGCAGGAG-
CACATCGCCTCTTTACAGTCGGATTTGCTGCAGTAGGGCTTCTCGGGACAGGTGCTCTC-
CTCGCTGCAGCATTGACTTTGTGGCTCCATGTTATAGATGCTCGGTTTGCTCGAGCTTTGC-
GATTGAGGCTGCTGAGCAAGCTGAGCAGGCTGCCCCTGGGCTGGTTCACCAGCAG-
GGGCAGCGGCAGCATAAAAAAGCTCGTAACAGATGATACACTCGCACTCCATTATCTCGTAA-
CACATGCCGTCCCAGATGCTGTCGCTGCTGTAGTCGCTCCAGTAGGTGTTCTTGTCTATTT-
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CATCACCAGCTCACTGACCATCCAGAGCGGCCCCAGGATCGTGCAGGCCCAGAGGTG-
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GAGTGTTCGGCGCCGCCTCCAGCAGCTTCAGGAGGAGGCTGGACGAGTACATCGGCT-
TTTTGGTAGCCTGGCAGCGACCCCTTGCCGGGAAGAAGACTCTGATGGATCTCGCTACTC-
GACCCGCCACTTTTCTGTGGCTTATAGCCGCCACTGGAACACTGCTGGTCGCCACACATA-
GAATGGACCCCGTGAACCTGCTGCCCTTCATGTTCCTCGGGACTACTTTTGGAGCCC-
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CGATGAGCTGTATACCCGGGTGGGGTTCGTGCTTCAGGAGGCCCAGCTGGTGCACGGAAC-
CGCAGCCGAGAATATTGCACTGGCCGTGCCAGACGCCCCAGCCGAGCAGGTGCAGGTG-
GCCGCCCGGGAAGCCCAGATTCACGACAGGGTGCTGAGACTCCCCGACGGGTATGA-
CACGGTGCTGGGGGCCAATTCAGGCCTCTCCGGCGGGGAGCGGCAGCGCCTGA-
CAATTGCCAGAGCCATTCTTGGGGACACCCCCGTGCTTATTCTTGACGAGGCCACCGC-
CTTCGCCGACCCCGAGTCTGAGTACCTGGTGCAGCAGGCCCTGAACAGACTGACCCG-
GGACAGGACCGTGCTGGTGATCGCCCACAGGCTGCACACCATCACCAGGGCCGACCA-
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Parameters

A Ratio:0.20654817586529467
T/U Ratio:0.20467726847521048
G Ratio:0.3073900841908326
C Ratio:0.2813844714686623
5 MFE:-12.100000381469727

AT Ratio:0.4112254443405051
GC Ratio:0.5887745556594949
MFE:-2230.5
Score:0.6444563473332711
CAI:0.7504599714596822

Output 2

RNA Sequence:
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CAAACAGCAUCAACACAAGCGAAAACUCGAGCUAUGCAAGCAACAGCGCAAGCAGCG-
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DNA Sequence:
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GCTGGCAGCCGGAGGCGACGAGGTGCTGGCAGCCATTGCCCGGCTGTTCAACGC-
CAACGCCGAGGAGTACCACGCCCTGAGTGCCCAGGTGGCCGCCTTCCAGACCCT-
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GCGTGACCGCCGCCGAGCACAGAGCCGCCGGCGCCGGCAGAAGACAACGCCGGAGAA-
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GCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Parameters

A Ratio:0.20654817586529467
T/U Ratio:0.20505144995322733
G Ratio:0.3079513564078578
C Ratio:0.2804490177736202
5 MFE:-12.100000381469727

AT Ratio:0.41159962581852194
GC Ratio:0.5884003741814781
MFE:-2224.5
Score:0.6438388548291909
CAI:0.7495788466671152

Output 3

RNA Sequence:
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Parameters

A Ratio:0.20654817586529467
T/U Ratio:0.20467726847521048
G Ratio:0.307577174929841
C Ratio:0.2811973807296539

AT Ratio:0.4112254443405051
GC Ratio:0.5887745556594949
MFE:-2239.60009765625
Score:0.6438159619548145

Output 4

RNA Sequence:

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Parameters

A Ratio:0.20654817586529467
T/U Ratio:0.20561272217025256
G Ratio:0.3081384471468662
C Ratio:0.27970065481758655
5 MFE:-12.100000381469727

AT Ratio:0.41216089803554723
GC Ratio:0.5878391019644528
MFE:-2193.199951171875
Score:0.6437747645483248
CAI:0.7494376136187404

Output 5

RNA Sequence:
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Parameters

A Ratio:0.20673526660430308
T/U Ratio:0.20542563143124415
G Ratio:0.3072029934518241
C Ratio:0.2806361085126286
5 MFE:-12.899999618530273

AT Ratio:0.41216089803554734
GC Ratio:0.5878391019644527
MFE:-2201.300048828125
Score:0.6433475459403518
CAI:0.7496233653960439

Output 6

RNA Sequence:
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DNA Sequence:
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Parameters

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G Ratio:0.30907390084190833
C Ratio:0.27876520112254444
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Output 7

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Parameters

A Ratio:0.20636108512628626
T/U Ratio:0.20542563143124415
G Ratio:0.30851262862488305
C Ratio:0.27970065481758655
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AT Ratio:0.4117867165575304
GC Ratio:0.5882132834424696
MFE:-2230
Score:0.6431042533429341
CAI:0.7496419737048421

Output 8

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Parameters

A Ratio:0.20673526660430308
T/U Ratio:0.20542563143124415
G Ratio:0.30851262862488305
C Ratio:0.27932647333956967
5 MFE:-12.100000381469727

AT Ratio:0.41216089803554734
GC Ratio:0.5878391019644527
MFE:-2240.300048828125
Score:0.6430130207903054
CAI:0.7496233653960439

Output 9

RNA Sequence:
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DNA Sequence:
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Parameters

A Ratio:0.20710944808231993
T/U Ratio:0.20542563143124415
G Ratio:0.307577174929841
C Ratio:0.27988774555659496
5 MFE:-12.899999618530273

AT Ratio:0.41253507951356405
GC Ratio:0.587464920486436
MFE:-2220.5
Score:0.6426744525579702
CAI:0.7500853943037809

Output 10

RNA Sequence:
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Parameters

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G Ratio:0.3073900841908326
C Ratio:0.28007483629560337
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AT Ratio:0.41253507951356405
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