SEQUENCE LISTING

<110> Regeneron Pharmaceuticals, Inc.

<120> CRISPR AND AAV STRATEGIES FOR X-LINKED JUVENILE RETINOSCHISIS THERAPY

<130> 057766/694232

<150> US 62/932,608
<151> 2019-11-08

<160> 6249

<170> PatentIn version 3.5

<210> 1
<211> 224
<212> PRT
<213> Mus musculus

<400> 1

Met Pro His Lys Ile Glu Gly Phe Phe Leu Leu Leu Leu Phe Gly Tyr
1 5 10 15

Glu Ala Thr Leu Gly Leu Ser Ser Thr Glu Asp Glu Gly Glu Asp Pro
20 25 30

Trp Tyr Gln Lys Ala Cys Lys Cys Asp Cys Gln Val Gly Ala Asn Ala
35 40 45

Leu Trp Ser Ala Gly Ala Thr Ser Leu Asp Cys Ile Pro Glu Cys Pro
50 55 60

Tyr His Lys Pro Leu Gly Phe Glu Ser Gly Glu Val Thr Pro Asp Gln
65 70 75 80

Ile Thr Cys Ser Asn Pro Glu Gln Tyr Val Gly Trp Tyr Ser Ser Trp
85 90 95

Thr Ala Asn Lys Ala Arg Leu Asn Ser Gln Gly Phe Gly Cys Ala Trp
100 105 110

Leu Ser Lys Tyr Gln Asp Ser Ser Gln Trp Leu Gln Ile Asp Leu Lys
115 120 125

```
Glu Ile Lys Val Ile Ser Gly Ile Leu Thr Gln Gly Arg Cys Asp Ile
    130                 135                 140

Asp Glu Trp Val Thr Lys Tyr Ser Val Gln Tyr Arg Thr Asp Glu Arg
145                 150                 155                 160

Leu Asn Trp Ile Tyr Tyr Lys Asp Gln Thr Gly Asn Asn Arg Val Phe
                165                 170                 175

Tyr Gly Asn Ser Asp Arg Ser Ser Thr Val Gln Asn Leu Leu Arg Pro
            180                 185                 190

Pro Ile Ile Ser Arg Phe Ile Arg Leu Ile Pro Leu Gly Trp His Val
        195                 200                 205

Arg Ile Ala Ile Arg Met Glu Leu Leu Glu Cys Ala Ser Lys Cys Ala
    210                 215                 220
```

<210> 2
<211> 224
<212> PRT
<213> Homo sapiens

<400> 2

```
Met Ser Arg Lys Ile Glu Gly Phe Leu Leu Leu Leu Leu Phe Gly Tyr
1               5                   10                  15

Glu Ala Thr Leu Gly Leu Ser Ser Thr Glu Asp Glu Gly Glu Asp Pro
            20                  25                  30

Trp Tyr Gln Lys Ala Cys Lys Cys Asp Cys Gln Gly Gly Pro Asn Ala
        35                  40                  45

Leu Trp Ser Ala Gly Ala Thr Ser Leu Asp Cys Ile Pro Glu Cys Pro
    50                  55                  60

Tyr His Lys Pro Leu Gly Phe Glu Ser Gly Glu Val Thr Pro Asp Gln
65                  70                  75                  80

Ile Thr Cys Ser Asn Pro Glu Gln Tyr Val Gly Trp Tyr Ser Ser Trp
                85                  90                  95
```

```
Thr Ala Asn Lys Ala Arg Leu Asn Ser Gln Gly Phe Gly Cys Ala Trp
            100                 105                 110

Leu Ser Lys Phe Gln Asp Ser Ser Gln Trp Leu Gln Ile Asp Leu Lys
        115                 120                 125

Glu Ile Lys Val Ile Ser Gly Ile Leu Thr Gln Gly Arg Cys Asp Ile
    130                 135                 140

Asp Glu Trp Met Thr Lys Tyr Ser Val Gln Tyr Arg Thr Asp Glu Arg
145                 150                 155                 160

Leu Asn Trp Ile Tyr Tyr Lys Asp Gln Thr Gly Asn Asn Arg Val Phe
                165                 170                 175

Tyr Gly Asn Ser Asp Arg Thr Ser Thr Val Gln Asn Leu Leu Arg Pro
            180                 185                 190

Pro Ile Ile Ser Arg Phe Ile Arg Leu Ile Pro Leu Gly Trp His Val
        195                 200                 205

Arg Ile Ala Ile Arg Met Glu Leu Leu Glu Cys Val Ser Lys Cys Ala
    210                 215                 220
```

<210> 3
<211> 224
<212> PRT
<213> Homo sapiens

<400> 3

```
Met Ser Arg Lys Ile Glu Gly Phe Leu Leu Leu Leu Leu Phe Gly Tyr
1               5                   10                  15

Glu Ala Thr Leu Gly Leu Ser Ser Thr Glu Asp Glu Gly Glu Asp Pro
            20                  25                  30

Trp Tyr Gln Lys Ala Cys Lys Cys Asp Cys Gln Gly Gly Pro Asn Ala
        35                  40                  45

Leu Trp Ser Ala Gly Ala Thr Ser Leu Asp Cys Ile Pro Glu Cys Pro
    50                  55                  60
```

```
Tyr His Lys Pro Leu Gly Phe Glu Ser Gly Glu Val Thr Pro Asp Gln
65                  70                  75                  80


Ile Thr Cys Ser Asn Pro Glu Gln Tyr Val Gly Trp Tyr Ser Ser Trp
                85                  90                  95


Thr Ala Asn Lys Ala Arg Leu Asn Ser Gln Gly Phe Gly Cys Ala Trp
            100                 105                 110


Leu Ser Lys Phe Gln Asp Ser Ser Gln Trp Leu Gln Ile Asp Leu Lys
        115                 120                 125


Glu Ile Lys Val Ile Ser Gly Ile Leu Thr Gln Gly Cys Cys Asp Ile
    130                 135                 140


Asp Glu Trp Met Thr Lys Tyr Ser Val Gln Tyr Arg Thr Asp Glu Arg
145                 150                 155                 160


Leu Asn Trp Ile Tyr Tyr Lys Asp Gln Thr Gly Asn Asn Arg Val Phe
                165                 170                 175


Tyr Gly Asn Ser Asp Arg Thr Ser Thr Val Gln Asn Leu Leu Arg Pro
            180                 185                 190


Pro Ile Ile Ser Arg Phe Ile Arg Leu Ile Pro Leu Gly Trp His Val
        195                 200                 205


Arg Ile Ala Ile Arg Met Glu Leu Leu Glu Cys Val Ser Lys Cys Ala
    210                 215                 220


<210>  4
<211>  224
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Synthetic

<400>  4

Met Pro His Lys Ile Glu Gly Phe Phe Leu Leu Leu Leu Phe Gly Tyr
1               5                   10                  15


Glu Ala Thr Leu Gly Leu Ser Ser Thr Glu Asp Glu Gly Glu Asp Pro
```

```
            20                  25                  30

Trp Tyr Gln Lys Ala Cys Lys Cys Asp Cys Gln Gly Gly Pro Asn Ala
        35                  40                  45

Leu Trp Ser Ala Gly Ala Thr Ser Leu Asp Cys Ile Pro Glu Cys Pro
    50                  55                  60

Tyr His Lys Pro Leu Gly Phe Glu Ser Gly Glu Val Thr Pro Asp Gln
65                  70                  75                  80

Ile Thr Cys Ser Asn Pro Glu Gln Tyr Val Gly Trp Tyr Ser Ser Trp
                85                  90                  95

Thr Ala Asn Lys Ala Arg Leu Asn Ser Gln Gly Phe Gly Cys Ala Trp
            100                 105                 110

Leu Ser Lys Phe Gln Asp Ser Ser Gln Trp Leu Gln Ile Asp Leu Lys
        115                 120                 125

Glu Ile Lys Val Ile Ser Gly Ile Leu Thr Gln Gly Arg Cys Asp Ile
    130                 135                 140

Asp Glu Trp Met Thr Lys Tyr Ser Val Gln Tyr Arg Thr Asp Glu Arg
145                 150                 155                 160

Leu Asn Trp Ile Tyr Tyr Lys Asp Gln Thr Gly Asn Asn Arg Val Phe
                165                 170                 175

Tyr Gly Asn Ser Asp Arg Thr Ser Thr Val Gln Asn Leu Leu Arg Pro
            180                 185                 190

Pro Ile Ile Ser Arg Phe Ile Arg Leu Ile Pro Leu Gly Trp His Val
        195                 200                 205

Arg Ile Ala Ile Arg Met Glu Leu Leu Glu Cys Val Ser Lys Cys Ala
    210                 215                 220
```

<210> 5
<211> 206
<212> PRT
<213> Homo sapiens

<400> 5

```
Thr Leu Gly Leu Ser Ser Thr Glu Asp Glu Gly Glu Asp Pro Trp Tyr
1               5                  10                  15

Gln Lys Ala Cys Lys Cys Asp Cys Gln Gly Gly Pro Asn Ala Leu Trp
            20                  25                  30

Ser Ala Gly Ala Thr Ser Leu Asp Cys Ile Pro Glu Cys Pro Tyr His
        35                  40                  45

Lys Pro Leu Gly Phe Glu Ser Gly Glu Val Thr Pro Asp Gln Ile Thr
    50                  55                  60

Cys Ser Asn Pro Glu Gln Tyr Val Gly Trp Tyr Ser Ser Trp Thr Ala
65                  70                  75                  80

Asn Lys Ala Arg Leu Asn Ser Gln Gly Phe Gly Cys Ala Trp Leu Ser
                85                  90                  95

Lys Phe Gln Asp Ser Ser Gln Trp Leu Gln Ile Asp Leu Lys Glu Ile
            100                 105                 110

Lys Val Ile Ser Gly Ile Leu Thr Gln Gly Arg Cys Asp Ile Asp Glu
        115                 120                 125

Trp Met Thr Lys Tyr Ser Val Gln Tyr Arg Thr Asp Glu Arg Leu Asn
    130                 135                 140

Trp Ile Tyr Tyr Lys Asp Gln Thr Gly Asn Asn Arg Val Phe Tyr Gly
145                 150                 155                 160

Asn Ser Asp Arg Thr Ser Thr Val Gln Asn Leu Leu Arg Pro Pro Ile
                165                 170                 175

Ile Ser Arg Phe Ile Arg Leu Ile Pro Leu Gly Trp His Val Arg Ile
            180                 185                 190

Ala Ile Arg Met Glu Leu Leu Glu Cys Val Ser Lys Cys Ala
        195                 200                 205
```

<210> 6
<211> 675
<212> DNA
<213> Homo sapiens

<400> 6
atgtcacgca agatagaagg ctttttgtta ttacttctct ttggctatga agccacattg 60

ggattatcgt ctaccgagga tgaaggcgag gacccctggt accaaaaagc atgcaagtgc 120

gattgccaag gaggacccaa tgctctgtgg tctgcaggtg ccacctcctt ggactgtata 180

ccagaatgcc catatcacaa gcctctgggt ttcgagtcag gggaggtcac accggaccag 240

atcacctgct ctaacccgga gcagtatgtg ggctggtatt cttcgtggac tgcaaacaag 300

gcccggctca acagtcaagg ctttgggtgt gcctggctct ccaagttcca ggacagtagc 360

cagtggttac agatagatct gaaggagatc aaagtgattt cagggatcct cacccagggg 420

cgctgtgaca tcgatgagtg gatgaccaag tacagcgtgc agtacaggac cgatgagcgc 480

ctgaactgga tttactacaa ggaccagact ggaaacaacc gggtcttcta tggcaactcg 540

gaccgcacct ccacggttca gaacctgctg cggcccccca tcatctcccg cttcatccgc 600

ctcatcccgc tgggctggca cgtccgcatt gccatccgga tggagctgct ggagtgcgtc 660

agcaagtgtg cctga 675

<210> 7
<211> 52
<212> DNA
<213> Mus musculus

<400> 7
atgccacaca agattgaagg cttcttcttg ttacttctct ttggctatga ag 52

<210> 8
<211> 623
<212> DNA
<213> Homo sapiens

<400> 8
ccacattggg attatcgtct accgaggatg aaggcgagga cccctggtac caaaaagcat 60

gcaagtgcga ttgccaagga ggacccaatg ctctgtggtc tgcaggtgcc acctccttgg 120

actgtatacc agaatgccca tatcacaagc ctctgggttt cgagtcaggg gaggtcacac 180

cggaccagat cacctgctct aacccggagc agtatgtggg ctggtattct tcgtggactg 240

caaacaaggc ccggctcaac agtcaaggct ttgggtgtgc ctggctctcc aagttccagg 300

acagtagcca gtggttacag atagatctga aggagatcaa agtgatttca gggatcctca 360

cccaggggcg ctgtgacatc gatgagtgga tgaccaagta cagcgtgcag tacaggaccg 420

atgagcgcct gaactggatt tactacaagg accagactgg aaacaaccgg gtcttctatg 480

gcaactcgga ccgcacctcc acggttcaga acctgctgcg gccccccatc atctcccgct 540

tcatccgcct catcccgctg ggctggcacg tccgcattgc catccggatg gagctgctgg 600

agtgcgtcag caagtgtgcc tga 623

<210> 9
<211> 623
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 9
ccacactggg cctgagcagc acagaagatg aaggcgagga cccctggtat cagaaagcct 60

gcaagtgcga ctgtcaaggc ggccctaatg ctctttggag cgctggcgct acaagcctgg 120

actgcatccc tgagtgcccc taccataagc ctctgggctt cgagagcggc gaagtgaccc 180

ctgaccagat cacctgtagc aaccccgagc agtacgtcgg ctggtactct agctggacag 240

ccaacaaggc cagactgaac agccaaggct tcggctgtgc ctggctgagc aagttccagg 300

actctagcca gtggctgcag atcgacctga aagagatcaa agtcatcagc ggcatcctga 360

cacagggcag atgcgacatc gacgagtgga tgaccaagta cagcgtgcag tacagaaccg 420

acgagagact gaactggatc tactacaagg accagaccgg caacaacaga gtgttctacg 480

gcaacagcga cagaaccagc accgtgcaga atctgctgag gcctcctatc atctccagat 540

tcatcagact gatccctctc ggctggcacg tgcggatcgc catcagaatg gaactgctgg 600

aatgcgtgtc caagtgcgcc tga 623

<210> 10
<211> 623
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 10

tcaggcgcac ttggacacgc attccagcag ttccattctg atggcgatcc gcacgtgcca 60

gccgagaggg atcagtctga tgaatctgga gatgatagga ggcctcagca gattctgcac 120

ggtgctggtt ctgtcgctgt tgccgtagaa cactctgttg ttgccggtct ggtccttgta 180

gtagatccag ttcagtctct cgtcggttct gtactgcacg ctgtacttgg tcatccactc 240

gtcgatgtcg catctgccct gtgtcaggat gccgctgatg actttgatct ctttcaggtc 300

gatctgcagc cactggctag agtcctggaa cttgctcagc caggcacagc cgaagccttg 360

gctgttcagt ctggccttgt tggctgtcca gctagagtac cagccgacgt actgctcggg 420

gttgctacag gtgatctggt caggggtcac ttcgccgctc tcgaagccca gaggcttatg 480

gtaggggcac tcagggatgc agtccaggct tgtagcgcca gcgctccaaa gagcattagg 540

gccgccttga cagtcgcact tgcaggcttt ctgataccag gggtcctcgc cttcatcttc 600

tgtgctgctc aggcccagtg tgg 623

<210> 11
<211> 675
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(52)
<223> Mouse Sequence

<220>
<221> misc_feature
<222> (53)..(675)
<223> Human Sequence

<400> 11
atgccacaca agattgaagg cttcttcttg ttacttctct ttggctatga agccacattg 60

ggattatcgt ctaccgagga tgaaggcgag gacccctggt accaaaaagc atgcaagtgc 120

gattgccaag gaggacccaa tgctctgtgg tctgcaggtg ccacctcctt ggactgtata 180

ccagaatgcc catatcacaa gcctctgggt ttcgagtcag gggaggtcac accggaccag 240

atcacctgct ctaacccgga gcagtatgtg ggctggtatt cttcgtggac tgcaaacaag 300

gcccggctca acagtcaagg ctttgggtgt gcctggctct ccaagttcca ggacagtagc 360

cagtggttac agatagatct gaaggagatc aaagtgattt cagggatcct cacccagggg 420

cgctgtgaca tcgatgagtg gatgaccaag tacagcgtgc agtacaggac cgatgagcgc 480

ctgaactgga tttactacaa ggaccagact ggaaacaacc gggtcttcta tggcaactcg 540

gaccgcacct ccacggttca gaacctgctg cggcccccca tcatctcccg cttcatccgc 600

ctcatcccgc tgggctggca cgtccgcatt gccatccgga tggagctgct ggagtgcgtc 660

agcaagtgtg cctga 675

<210> 12
<211> 675
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(52)
<223> Mouse Sequence

<220>
<221> misc_feature
<222> (53)..(675)
<223> Human Sequence

<400> 12
atgccacaca agattgaagg cttcttcttg ttacttctct ttggctatga agccacactg 60

ggcctgagca gcacagaaga tgaaggcgag gacccctggt atcagaaagc ctgcaagtgc 120

gactgtcaag gcggccctaa tgctctttgg agcgctggcg ctacaagcct ggactgcatc 180

cctgagtgcc cctaccataa gcctctgggc ttcgagagcg gcgaagtgac ccctgaccag 240

atcacctgta gcaaccccga gcagtacgtc ggctggtact ctagctggac agccaacaag 300

gccagactga acagccaagg cttcggctgt gcctggctga gcaagttcca ggactctagc 360

cagtggctgc agatcgacct gaaagagatc aaagtcatca gcggcatcct gacacagggc 420

agatgcgaca tcgacgagtg gatgaccaag tacagcgtgc agtacagaac cgacgagaga 480

ctgaactgga tctactacaa ggaccagacc ggcaacaaca gagtgttcta cggcaacagc 540

gacagaacca gcaccgtgca gaatctgctg aggcctccta tcatctccag attcatcaga 600

ctgatccctc tcggctggca cgtgcggatc gccatcagaa tggaactgct ggaatgcgtg 660

tccaagtgcg cctga 675

<210> 13
<211> 1073
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(224)
<223> Intron with Splice Acceptor

<220>
<221> misc_feature
<222> (225)..(847)
<223> Human RS1 Sequence

<220>
<221> misc_feature
<222> (848)..(1073)
<223> bGH polyA

<400> 13
ctataatgat gatcttgttc tttctgttta attttactgt ccctagcttc ttagcatctg 60

cggatgtttt tcctggcaga tatttactca ccatgacttc ttccagaagg ggtgttggta 120

gctttcatgt gactatttct atttcacttt tccatgtaac gagtgatgct gttggatttc 180

tctttcatta attagatttt ttctgtctca tccttttgct ttagccacat tgggattatc 240

gtctaccgag gatgaaggcg aggacccctg gtaccaaaaa gcatgcaagt gcgattgcca 300

aggaggaccc aatgctctgt ggtctgcagg tgccacctcc ttggactgta taccagaatg 360

cccatatcac aagcctctgg gtttcgagtc aggggaggtc acaccggacc agatcacctg 420

ctctaacccg gagcagtatg tgggctggta ttcttcgtgg actgcaaaca aggcccggct 480

caacagtcaa ggctttgggt gtgcctggct ctccaagttc caggacagta gccagtggtt 540

acagatagat ctgaaggaga tcaaagtgat ttcagggatc ctcacccagg ggcgctgtga 600

catcgatgag tggatgacca agtacagcgt gcagtacagg accgatgagc gcctgaactg 660

gatttactac aaggaccaga ctggaaacaa ccgggtcttc tatggcaact cggaccgcac 720

ctccacggtt cagaacctgc tgcggccccc catcatctcc cgcttcatcc gcctcatccc 780

gctgggctgg cacgtccgca ttgccatccg gatggagctg ctggagtgcg tcagcaagtg 840

tgcctgactg tgccttctag ttgccagcca tctgttgttt gcccctcccc cgtgccttcc 900

ttgaccctgg aaggtgccac tcccactgtc ctttcctaat aaaatgagga attgcatcg 960

cattgtctga gtaggtgtca ttctattctg gggggtgggg tggggcagga cagcaagggg 1020

gaggattggg aagacaatag caggcatgct ggggatgcgg tgggctctat ggc 1073

<210> 14
<211> 1028
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(183)
<223> Intron with Splice Acceptor

<220>
<221> misc_feature
<222> (184)..(806)
<223> Mouse-Codon-Optimized Human RS1

<220>
<221> misc_feature
<222> (807)..(1028)
<223> SV40 polyA

<400> 14
gctgtactgc accctgcttt gctatattaa tatattttcc ataattctat aagaaaaaac 60

aacagtcatt gccatccttt tcctccctcc agaatgagct ccttaatctc tatggcattg 120

ttttcatttt gccttctttc ctttcttaat ttcatttttt ccctctcttg ttcttttgct 180

cagccacact gggcctgagc agcacagaag atgaaggcga ggacccctgg tatcagaaag 240

cctgcaagtg cgactgtcaa ggcggcccta atgctctttg gagcgctggc gctacaagcc 300

tggactgcat ccctgagtgc ccctaccata agcctctggg cttcgagagc ggcgaagtga 360

cccctgacca gatcacctgt agcaaccccg agcagtacgt cggctggtac tctagctgga 420

cagccaacaa ggccagactg aacagccaag gcttcggctg tgcctggctg agcaagttcc 480

aggactctag ccagtggctg cagatcgacc tgaaagagat caaagtcatc agcggcatcc 540

tgacacaggg cagatgcgac atcgacgagt ggatgaccaa gtacagcgtg cagtacagaa 600

ccgacgagag actgaactgg atctactaca aggaccagac cggcaacaac agagtgttct 660

acggcaacag cgacagaacc agcaccgtgc agaatctgct gaggcctcct atcatctcca 720

gattcatcag actgatccct ctcggctggc acgtgcggat cgccatcaga atggaactgc 780

tggaatgcgt gtccaagtgc gcctgacaga catgataaga tacattgatg agtttggaca 840

aaccacaact agaatgcagt gaaaaaaatg ctttatttgt gaaatttgtg atgctattgc 900

tttatttgta accattataa gctgcaataa acaagttaac aacaacaatt gcattcattt 960

tatgtttcag gttcaggggg aggtgtggga ggtttttttaa agcaagtaaa acctctacaa 1020

atgtggta 1028

<210> 15
<211> 224
<212> DNA
<213> Homo sapiens

<400> 15
ctataatgat gatcttgttc tttctgttta attttactgt ccctagcttc ttagcatctg 60

cggatgtttt tcctggcaga tatttactca ccatgacttc ttccagaagg ggtgttggta 120

gctttcatgt gactatttct atttcacttt tccatgtaac gagtgatgct gttggatttc 180

tctttcatta attagatttt ttctgtctca tccttttgct ttag 224

<210> 16
<211> 60
<212> DNA
<213> Homo sapiens

<400> 16
gatgctgttg gatttctctt tcattaatta gatttttttct gtctcatcct tttgctttag 60

<210> 17
<211> 183
<212> DNA
<213> Mus musculus

<400> 17
gctgtactgc accctgcttt gctatattaa tatattttcc ataattctat aagaaaaaac 60

aacagtcatt gccatccttt tcctccctcc agaatgagct ccttaatctc tatggcattg 120

ttttcatttt gccttctttc ctttcttaat ttcatttttt ccctctcttg ttcttttgct 180

cag 183

<210> 18
<211> 63
<212> DNA
<213> Mus musculus

<400> 18
ttttcatttt gccttctttc ctttcttaat ttcatttttt ccctctcttg ttcttttgct 60

cag 63

<210> 19
<211> 183
<212> DNA
<213> Mus musculus

<400> 19
ctgagcaaaa gaacaagaga gggaaaaaat gaaattaaga aaggaaagaa ggcaaaatga 60

aaacaatgcc atagagatta aggagctcat tctggaggga ggaaaaggat ggcaatgact 120

gttgtttttt cttatagaat tatggaaaat atattaatat agcaaagcag ggtgcagtac 180

agc 183

<210> 20
<211> 63
<212> DNA
<213> Mus musculus

<400> 20
ctgagcaaaa gaacaagaga gggaaaaaat gaaattaaga aaggaaagaa ggcaaaatga 60

aaa 63

<210> 21
<211> 96
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 21
gttgaccagc tcggcggtga cctgcacgtc tagggcgcag tagtccaggg tttccttgat 60

gatgtcatac ttatcctgtc cctttttttt ccacag 96

<210> 22
<211> 226
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 22
ctgtgccttc tagttgccag ccatctgttg tttgcccctc ccccgtgcct tccttgaccc 60

tggaaggtgc cactcccact gtcctttcct aataaaatga ggaaattgca tcgcattgtc 120

tgagtaggtg tcattctatt ctgggggggtg gggtggggca ggacagcaag ggggaggatt 180

gggaagacaa tagcaggcat gctggggatg cggtgggctc tatggc 226

<210> 23
<211> 222
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 23
cagacatgat aagatacatt gatgagtttg gacaaaccac aactagaatg cagtgaaaaa 60

aatgctttat ttgtgaaatt tgtgatgcta ttgctttatt tgtaaccatt ataagctgca 120

ataaacaagt taacaacaac aattgcattc attttatgtt tcaggttcag ggggaggtgt 180

gggaggtttt ttaaagcaag taaaacctct acaaatgtgg ta 222

<210> 24
<211> 222
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 24
taccacattt gtagaggttt tacttgcttt aaaaaacctc ccacacctcc ccctgaacct 60

gaaacataaa atgaatgcaa ttgttgttgt taacttgttt attgcagctt ataatggtta 120

caaataaagc aatagcatca caaatttcac aaataaagca ttttttttcac tgcattctag 180

ttgtggtttg tccaaactca tcaatgtatc ttatcatgtc tg 222

<210> 25
<211> 2094
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 25
tgcctgcctc agctcggcgc ctgccagggg gtgactggca cagagcgggc cgtaggggac 60

cccctcacac accaccgaga tggacagggc tatatttcgc aaagcaattg taactgcagt 120

gctgggtaga taatttttt ttttttaaga tatagctttc tgatttcaat gaaataaaaa 180

tgaacttatt ccccactcag ggccagagaa agtcagaaca aagaaaatgt ccccgaaacg 240

aattttctta caaaagccta agtagcaggg gtaattttct gctcattttt tgtctcagtg 300

atactgtgaa aggtgcagtc tcaggggaac acaaagcagc cctgataatt tgaaaattca 360

tttgctttac cacattcaag acagaaacat acagtttcct aaagcctggc tttgaatgca 420

gaagggagca gctcctccta gttaagtttc cactaaatca tcgccaaaga ggacttcaga 480

gccctgggga ggcagctgag ggtctcaagg gtgactgggt ggcagggatg agtgcggtgg 540

gtgagaatcc cggtgccctg agaggctata cgtgacaaat gaccaaaagc ccaaggtagg 600

ggagtttcct ctgctcacag ttcttacctt caaggcggat ctgggcttcc accctcatga 660

acacagggat tggggaggga ccagagcgcc caatacacac agctccatta tgcaatccat 720

tccagcaaat tccccgtgtc tgtggtcacc atttaggtga tcatacagga caggctgcac 780

atctcagtat atgtagggac cccaaatgac cacaacacag tacaattgcc ctttacctag 840

ggctaccatt tcctagcaaa ccaaacatag ttcgagaaca gctggcccag gagctaccac 900

tggctactca gaggaggctc attagctggc tacatgcttc gcaggaagtg ggaaggactc 960

acatcataaa aaggaccatg tagctttttc cctgaaagct tctcaccctc caccctctgc 1020

cttgcaatac gcaaactgcg cctgctcctg aaaagctctc tgggaaggaa tgggcctggc 1080

tttccgttcc tggaggcggc gccttagatt gggaggcctc attggccact tagagcgcag 1140

cctgagtttc caggcccctt cctgggagag gctgttaaca cgggggaggg gcaggagagg 1200

gatatggaga gcaggtggtg gaatcagagg acgaggctgc tctaaagact gttctggccc 1260

cagacacagg gtagtctttg ctagcagctc atttccgagt tacttttcat tttcaaatgc 1320

caaggcaagt gactagactc gcgctaatac agtgctggac aacacattca ccttttctgt 1380

gaacaggcag ccttctaaaa gccccaaaca tccttcttga tgctttgggg gctcaattat 1440

tttatatcca acccagcatc tttctagtcc ctatgctgta tgcttgaact tcggaaaatg 1500

ctttccccg cccaatcttc tctcaaatat aaacacatca cacagggtgt tgggggtggg 1560

gggggggggt gggggactt atccctggcc ttaggacaca ggacaaatct attttggata 1620

gaaatgcctg aacagagacc cttatttgga aaggtgaatt aactttggtc acgacatgga 1680

ctgtcagaca aaatggcagt atcctaagag ttaaggcaca tcaaacacag gagtcgagag 1740

agtgcagttc agggaaaaag gagaggagga aacagtgagg cagggagaaa ggctttccaa 1800

ataagagttc atgttggaaa cttttgtcac ggctttattg agattaagtt cacatacaat 1860

ttgtatccat ttaaagtata caatttgatg acttttggta tattcagagt tgtgcaacca 1920

ttatcactag atcaatttta gaaagtttat caccccaaag agaaatcctg cacccatcag 1980

ccaacactcc ccaacccatc ggccacccca agccctctgc aaccacgaat cgactgtctc 2040

tgtagattgg ccttctggac gttctacata aatgaaatca tatagtatgt ggta 2094

<210> 26
<211> 4176
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 26
atggacaagc ccaagaaaaa gcggaaagtg aagtacagca tcggcctgga catcggcacc 60

aactctgtgg gctgggccgt gatcaccgac gagtacaagg tgcccagcaa gaaattcaag 120

gtgctgggca acaccgacag gcacagcatc aagaagaacc tgatcggcgc cctgctgttc 180

gacagcggcg aaacagccga ggccaccaga ctgaagagaa ccgccagaag aagatacacc 240

aggcggaaga acaggatctg ctatctgcaa gagatcttca gcaacgagat ggccaaggtg 300

gacgacagct tcttccacag actggaagag tccttcctgg tggaagagga caagaagcac 360

gagagacacc ccatcttcgg caacatcgtg gacgaggtgg cctaccacga gaagtacccc 420

accatctacc acctgagaaa gaaactggtg gacagcaccg acaaggccga cctgagactg 480

atctacctgg ccctggccca catgatcaag ttcagaggcc acttcctgat cgagggcgac 540

ctgaaccccg acaacagcga cgtggacaag ctgttcatcc agctggtgca gacctacaac 600

cagctgttcg aggaaaaccc catcaacgcc agcggcgtgg acgccaaggc tatcctgtct 660

gccagactga gcaagagcag aaggctggaa aatctgatcg cccagctgcc cggcgagaag 720

aagaacggcc tgttcggcaa cctgattgcc ctgagcctgg gcctgacccc caacttcaag 780

agcaacttcg acctggccga ggatgccaaa ctgcagctga gcaaggacac ctacgacgac 840

gacctggaca acctgctggc ccagatcggc gaccagtacg ccgacctgtt cctggccgcc 900

aagaacctgt ctgacgccat cctgctgagc gacatcctga gagtgaacac cgagatcacc 960

aaggcccccc tgagcgcctc tatgatcaag agatacgacg agcaccacca ggacctgacc 1020

ctgctgaaag ctctcgtgcg gcagcagctg cctgagaagt acaaagaaat cttcttcgac 1080

cagagcaaga acggctacgc cggctacatc gatggcggcg ctagccagga agagttctac 1140

aagttcatca agcccatcct ggaaaagatg gacggcaccg aggaactgct cgtgaagctg 1200

aacagagagg acctgctgag aaagcagaga accttcgaca acggcagcat cccccaccag 1260

atccacctgg gagagctgca cgctatcctg agaaggcagg aagattttta cccattcctg 1320

aaggacaacc gggaaaagat cgagaagatc ctgaccttca ggatccccta ctacgtgggc 1380

cccctggcca gaggcaacag cagattcgcc tggatgacca gaaagagcga ggaaaccatc 1440

acccccctgga acttcgagga agtggtggac aagggcgcca gcgcccagag cttcatcgag 1500

agaatgacaa acttcgataa gaacctgccc aacgagaagg tgctgcccaa gcacagcctg 1560

ctgtacgagt acttcaccgt gtacaacgag ctgaccaaag tgaaatacgt gaccgaggga 1620

atgagaaagc ccgccttcct gagcggcgag cagaaaaagg ccatcgtgga cctgctgttc 1680

aagaccaaca gaaaagtgac cgtgaagcag ctgaaagagg actacttcaa gaaaatcgag 1740

tgcttcgact ccgtggaaat ctccggcgtg gaagatagat tcaacgcctc cctgggcaca 1800

taccacgatc tgctgaaaat tatcaaggac aaggacttcc tggataacga agagaacgag 1860

gacattctgg aagatatcgt gctgaccctg acactgtttg aggaccgcga gatgatcgag 1920

gaaaggctga aaacctacgc tcacctgttc gacgacaaag tgatgaagca gctgaagaga 1980

aggcggtaca ccggctgggg caggctgagc agaaagctga tcaacggcat cagagacaag 2040

cagagcggca agacaatcct ggatttcctg aagtccgacg gcttcgccaa ccggaacttc 2100

atgcagctga tccacgacga cagcctgaca ttcaaagagg acatccagaa agcccaggtg 2160

tccggccagg gcgactctct gcacgagcat atcgctaacc tggccggcag ccccgctatc 2220

aagaagggca tcctgcagac agtgaaggtg gtggacgagc tcgtgaaagt gatgggcaga 2280

cacaagcccg agaacatcgt gatcgagatg gctagagaga accagaccac ccagaaggga 2340

cagaagaact cccgcgagag gatgaagaga atcgaagagg gcatcaaaga gctgggcagc 2400

cagatcctga aagaacaccc cgtggaaaac acccagctgc agaacgagaa gctgtacctg 2460

tactacctgc agaatggccg ggatatgtac gtggaccagg aactggacat caacagactg 2520

tccgactacg atgtggacca tatcgtgcct cagagctttc tgaaggacga ctccatcgat 2580

aacaaagtgc tgactcggag cgacaagaac agaggcaaga gcgacaacgt gccctccgaa 2640

gaggtcgtga agaagatgaa gaactactgg cgacagctgc tgaacgccaa gctgattacc 2700

cagaggaagt tcgataacct gaccaaggcc gagagaggcg gcctgagcga gctggataag 2760

gccggcttca tcaagaggca gctggtggaa accagacaga tcacaaagca cgtggcacag 2820

atcctggact cccggatgaa cactaagtac gacgaaaacg ataagctgat ccgggaagtg 2880

aaagtgatca ccctgaagtc caagctggtg tccgatttcc ggaaggattt ccagttttac 2940

aaagtgcgcg agatcaacaa ctaccaccac gcccacgacg cctacctgaa cgccgtcgtg 3000

ggaaccgccc tgatcaaaaa gtaccctaag ctggaaagcg agttcgtgta cggcgactac 3060

aaggtgtacg acgtgcggaa gatgatcgcc aagagcgagc aggaaatcgg caaggctacc 3120

gccaagtact tcttctacag caacatcatg aacttttca agaccgaaat caccctggcc 3180

aacggcgaga tcagaaagcg ccctctgatc gagacaaacg gcgaaaccgg ggagatcgtg 3240

tgggataagg gcagagactt cgccacagtg cgaaaggtgc tgagcatgcc ccaagtgaat 3300

atcgtgaaaa agaccgaggt gcagacaggc ggcttcagca aagagtctat cctgcccaag 3360

aggaacagcg acaagctgat cgccagaaag aaggactggg accccaagaa gtacggcggc 3420

ttcgacagcc ctaccgtggc ctactctgtg ctggtggtgg ctaaggtgga aaagggcaag 3480

tccaagaaac tgaagagtgt gaaagagctg ctggggatca ccatcatgga aagaagcagc 3540

tttgagaaga accctatcga ctttctggaa gccaagggct acaaagaagt gaaaaaggac 3600

ctgatcatca agctgcctaa gtactccctg ttcgagctgg aaaacggcag aaagagaatg 3660

ctggcctctg ccggcgaact gcagaaggga aacgagctgg ccctgcctag caaatatgtg 3720

aacttcctgt acctggcctc ccactatgag aagctgaagg gcagccctga ggacaacgaa 3780

cagaaacagc tgtttgtgga acagcataag cactacctgg acgagatcat cgagcagatc 3840

agcgagttct ccaagagagt gatcctggcc gacgccaatc tggacaaggt gctgtctgcc 3900

tacaacaagc acagggacaa gcctatcaga gagcaggccg agaatatcat ccacctgttc 3960

accctgacaa acctgggcgc tcctgccgcc ttcaagtact ttgacaccac catcgaccgg 4020

aagaggtaca ccagcaccaa agaggtgctg gacgccaccc tgatccacca gagcatcacc 4080

ggcctgtacg agacaagaat cgacctgtct cagctgggag gcgacaagag acctgccgcc 4140

actaagaagg ccggacaggc caaaaagaag aagtga 4176

<210> 27
<211> 1391
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 27

Met Asp Lys Pro Lys Lys Lys Arg Lys Val Lys Tyr Ser Ile Gly Leu
1 5 10 15

Asp Ile Gly Thr Asn Ser Val Gly Trp Ala Val Ile Thr Asp Glu Tyr
20 25 30

Lys Val Pro Ser Lys Lys Phe Lys Val Leu Gly Asn Thr Asp Arg His
35 40 45

Ser Ile Lys Lys Asn Leu Ile Gly Ala Leu Leu Phe Asp Ser Gly Glu
50 55 60

Thr Ala Glu Ala Thr Arg Leu Lys Arg Thr Ala Arg Arg Arg Tyr Thr
65 70 75 80

Arg Arg Lys Asn Arg Ile Cys Tyr Leu Gln Glu Ile Phe Ser Asn Glu
85 90 95

Met Ala Lys Val Asp Asp Ser Phe Phe His Arg Leu Glu Glu Ser Phe
100 105 110

Leu Val Glu Glu Asp Lys Lys His Glu Arg His Pro Ile Phe Gly Asn
115 120 125

Ile Val Asp Glu Val Ala Tyr His Glu Lys Tyr Pro Thr Ile Tyr His
130 135 140

Leu Arg Lys Lys Leu Val Asp Ser Thr Asp Lys Ala Asp Leu Arg Leu
145 150 155 160

```
Ile Tyr Leu Ala Leu Ala His Met Ile Lys Phe Arg Gly His Phe Leu
                165                 170                 175

Ile Glu Gly Asp Leu Asn Pro Asp Asn Ser Asp Val Asp Lys Leu Phe
            180                 185                 190

Ile Gln Leu Val Gln Thr Tyr Asn Gln Leu Phe Glu Glu Asn Pro Ile
        195                 200                 205

Asn Ala Ser Gly Val Asp Ala Lys Ala Ile Leu Ser Ala Arg Leu Ser
    210                 215                 220

Lys Ser Arg Arg Leu Glu Asn Leu Ile Ala Gln Leu Pro Gly Glu Lys
225                 230                 235                 240

Lys Asn Gly Leu Phe Gly Asn Leu Ile Ala Leu Ser Leu Gly Leu Thr
                245                 250                 255

Pro Asn Phe Lys Ser Asn Phe Asp Leu Ala Glu Asp Ala Lys Leu Gln
            260                 265                 270

Leu Ser Lys Asp Thr Tyr Asp Asp Asp Leu Asp Asn Leu Leu Ala Gln
        275                 280                 285

Ile Gly Asp Gln Tyr Ala Asp Leu Phe Leu Ala Ala Lys Asn Leu Ser
    290                 295                 300

Asp Ala Ile Leu Leu Ser Asp Ile Leu Arg Val Asn Thr Glu Ile Thr
305                 310                 315                 320

Lys Ala Pro Leu Ser Ala Ser Met Ile Lys Arg Tyr Asp Glu His His
                325                 330                 335

Gln Asp Leu Thr Leu Leu Lys Ala Leu Val Arg Gln Gln Leu Pro Glu
            340                 345                 350

Lys Tyr Lys Glu Ile Phe Phe Asp Gln Ser Lys Asn Gly Tyr Ala Gly
        355                 360                 365

Tyr Ile Asp Gly Gly Ala Ser Gln Glu Glu Phe Tyr Lys Phe Ile Lys
    370                 375                 380
```

```
Pro Ile Leu Glu Lys Met Asp Gly Thr Glu Glu Leu Leu Val Lys Leu
385                 390                 395                 400

Asn Arg Glu Asp Leu Leu Arg Lys Gln Arg Thr Phe Asp Asn Gly Ser
                405                 410                 415

Ile Pro His Gln Ile His Leu Gly Glu Leu His Ala Ile Leu Arg Arg
            420                 425                 430

Gln Glu Asp Phe Tyr Pro Phe Leu Lys Asp Asn Arg Glu Lys Ile Glu
        435                 440                 445

Lys Ile Leu Thr Phe Arg Ile Pro Tyr Tyr Val Gly Pro Leu Ala Arg
    450                 455                 460

Gly Asn Ser Arg Phe Ala Trp Met Thr Arg Lys Ser Glu Glu Thr Ile
465                 470                 475                 480

Thr Pro Trp Asn Phe Glu Glu Val Val Asp Lys Gly Ala Ser Ala Gln
                485                 490                 495

Ser Phe Ile Glu Arg Met Thr Asn Phe Asp Lys Asn Leu Pro Asn Glu
            500                 505                 510

Lys Val Leu Pro Lys His Ser Leu Leu Tyr Glu Tyr Phe Thr Val Tyr
        515                 520                 525

Asn Glu Leu Thr Lys Val Lys Tyr Val Thr Glu Gly Met Arg Lys Pro
    530                 535                 540

Ala Phe Leu Ser Gly Glu Gln Lys Lys Ala Ile Val Asp Leu Leu Phe
545                 550                 555                 560

Lys Thr Asn Arg Lys Val Thr Val Lys Gln Leu Lys Glu Asp Tyr Phe
                565                 570                 575

Lys Lys Ile Glu Cys Phe Asp Ser Val Glu Ile Ser Gly Val Glu Asp
            580                 585                 590

Arg Phe Asn Ala Ser Leu Gly Thr Tyr His Asp Leu Leu Lys Ile Ile
```

```
        595                 600                 605

Lys Asp Lys Asp Phe Leu Asp Asn Glu Glu Asn Glu Asp Ile Leu Glu
    610                 615                 620

Asp Ile Val Leu Thr Leu Thr Leu Phe Glu Asp Arg Glu Met Ile Glu
625                 630                 635                 640

Glu Arg Leu Lys Thr Tyr Ala His Leu Phe Asp Asp Lys Val Met Lys
                645                 650                 655

Gln Leu Lys Arg Arg Arg Tyr Thr Gly Trp Gly Arg Leu Ser Arg Lys
            660                 665                 670

Leu Ile Asn Gly Ile Arg Asp Lys Gln Ser Gly Lys Thr Ile Leu Asp
        675                 680                 685

Phe Leu Lys Ser Asp Gly Phe Ala Asn Arg Asn Phe Met Gln Leu Ile
    690                 695                 700

His Asp Asp Ser Leu Thr Phe Lys Glu Asp Ile Gln Lys Ala Gln Val
705                 710                 715                 720

Ser Gly Gln Gly Asp Ser Leu His Glu His Ile Ala Asn Leu Ala Gly
                725                 730                 735

Ser Pro Ala Ile Lys Lys Gly Ile Leu Gln Thr Val Lys Val Val Asp
            740                 745                 750

Glu Leu Val Lys Val Met Gly Arg His Lys Pro Glu Asn Ile Val Ile
        755                 760                 765

Glu Met Ala Arg Glu Asn Gln Thr Thr Gln Lys Gly Gln Lys Asn Ser
    770                 775                 780

Arg Glu Arg Met Lys Arg Ile Glu Glu Gly Ile Lys Glu Leu Gly Ser
785                 790                 795                 800

Gln Ile Leu Lys Glu His Pro Val Glu Asn Thr Gln Leu Gln Asn Glu
                805                 810                 815
```

```
Lys Leu Tyr Leu Tyr Tyr Leu Gln Asn Gly Arg Asp Met Tyr Val Asp
            820                 825                 830

Gln Glu Leu Asp Ile Asn Arg Leu Ser Asp Tyr Asp Val Asp His Ile
        835                 840                 845

Val Pro Gln Ser Phe Leu Lys Asp Asp Ser Ile Asp Asn Lys Val Leu
    850                 855                 860

Thr Arg Ser Asp Lys Asn Arg Gly Lys Ser Asp Asn Val Pro Ser Glu
865                 870                 875                 880

Glu Val Val Lys Lys Met Lys Asn Tyr Trp Arg Gln Leu Leu Asn Ala
                885                 890                 895

Lys Leu Ile Thr Gln Arg Lys Phe Asp Asn Leu Thr Lys Ala Glu Arg
            900                 905                 910

Gly Gly Leu Ser Glu Leu Asp Lys Ala Gly Phe Ile Lys Arg Gln Leu
        915                 920                 925

Val Glu Thr Arg Gln Ile Thr Lys His Val Ala Gln Ile Leu Asp Ser
    930                 935                 940

Arg Met Asn Thr Lys Tyr Asp Glu Asn Asp Lys Leu Ile Arg Glu Val
945                 950                 955                 960

Lys Val Ile Thr Leu Lys Ser Lys Leu Val Ser Asp Phe Arg Lys Asp
                965                 970                 975

Phe Gln Phe Tyr Lys Val Arg Glu Ile Asn Asn Tyr His His Ala His
            980                 985                 990

Asp Ala Tyr Leu Asn Ala Val Val  Gly Thr Ala Leu Ile  Lys Lys Tyr
        995                 1000                1005

Pro Lys  Leu Glu Ser Glu Phe  Val Tyr Gly Asp Tyr  Lys Val Tyr
    1010                1015                1020

Asp Val  Arg Lys Met Ile Ala  Lys Ser Glu Gln Glu  Ile Gly Lys
    1025                1030                1035
```

```
Ala Thr  Ala Lys Tyr Phe Phe  Tyr Ser Asn Ile Met  Asn Phe Phe
    1040                1045                1050

Lys Thr  Glu Ile Thr Leu Ala  Asn Gly Glu Ile Arg  Lys Arg Pro
    1055                1060                1065

Leu Ile  Glu Thr Asn Gly Glu  Thr Gly Glu Ile Val  Trp Asp Lys
    1070                1075                1080

Gly Arg  Asp Phe Ala Thr Val  Arg Lys Val Leu Ser  Met Pro Gln
    1085                1090                1095

Val Asn  Ile Val Lys Lys Thr  Glu Val Gln Thr Gly  Gly Phe Ser
    1100                1105                1110

Lys Glu  Ser Ile Leu Pro Lys  Arg Asn Ser Asp Lys  Leu Ile Ala
    1115                1120                1125

Arg Lys  Lys Asp Trp Asp Pro  Lys Lys Tyr Gly Gly  Phe Asp Ser
    1130                1135                1140

Pro Thr  Val Ala Tyr Ser Val  Leu Val Val Ala Lys  Val Glu Lys
    1145                1150                1155

Gly Lys  Ser Lys Lys Leu Lys  Ser Val Lys Glu Leu  Leu Gly Ile
    1160                1165                1170

Thr Ile  Met Glu Arg Ser Ser  Phe Glu Lys Asn Pro  Ile Asp Phe
    1175                1180                1185

Leu Glu  Ala Lys Gly Tyr Lys  Glu Val Lys Lys Asp  Leu Ile Ile
    1190                1195                1200

Lys Leu  Pro Lys Tyr Ser Leu  Phe Glu Leu Glu Asn  Gly Arg Lys
    1205                1210                1215

Arg Met  Leu Ala Ser Ala Gly  Glu Leu Gln Lys Gly  Asn Glu Leu
    1220                1225                1230

Ala Leu  Pro Ser Lys Tyr Val  Asn Phe Leu Tyr Leu  Ala Ser His
    1235                1240                1245
```

```
Tyr Glu  Lys Leu Lys Gly Ser  Pro Glu Asp Asn Glu  Gln Lys Gln
    1250                1255                1260

Leu Phe  Val Glu Gln His Lys  His Tyr Leu Asp Glu  Ile Ile Glu
    1265                1270                1275

Gln Ile  Ser Glu Phe Ser Lys  Arg Val Ile Leu Ala  Asp Ala Asn
    1280                1285                1290

Leu Asp  Lys Val Leu Ser Ala  Tyr Asn Lys His Arg  Asp Lys Pro
    1295                1300                1305

Ile Arg  Glu Gln Ala Glu Asn  Ile Ile His Leu Phe  Thr Leu Thr
    1310                1315                1320

Asn Leu  Gly Ala Pro Ala Ala  Phe Lys Tyr Phe Asp  Thr Thr Ile
    1325                1330                1335

Asp Arg  Lys Arg Tyr Thr Ser  Thr Lys Glu Val Leu  Asp Ala Thr
    1340                1345                1350

Leu Ile  His Gln Ser Ile Thr  Gly Leu Tyr Glu Thr  Arg Ile Asp
    1355                1360                1365

Leu Ser  Gln Leu Gly Gly Asp  Lys Arg Pro Ala Ala  Thr Lys Lys
    1370                1375                1380

Ala Gly  Gln Ala Lys Lys Lys  Lys
    1385                1390
```

<210> 28
<211> 4218
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 28
atggccccaa agaagaagcg gaaggtcggt atccacggag tcccagcagc cgacaagaag 60

tacagcatcg gcctggacat cggcaccaac tctgtgggct gggccgtgat caccgacgag 120

tacaaggtgc ccagcaagaa attcaaggtg ctgggcaaca ccgaccggca cagcatcaag 180

aagaacctga tcggagccct gctgttcgac agcggcgaaa cagccgaggc cacccggctg 240

aagagaaccg ccagaagaag atacaccaga cggaagaacc ggatctgcta tctgcaagag 300

atcttcagca acgagatggc caaggtggac gacagcttct tccacagact ggaagagtcc 360

ttcctggtgg aagaggacaa gaagcacgag agacacccca tcttcggcaa catcgtggac 420

gaggtggcct accacgagaa gtaccccacc atctaccacc tgagaaagaa actggtggac 480

agcaccgaca aggccgacct gagactgatc tacctggccc tggcccacat gatcaagttc 540

agaggccact tcctgatcga gggcgacctg aaccccgaca acagcgacgt ggacaagctg 600

ttcatccagc tggtgcagac ctacaaccag ctgttcgagg aaaaccccat caacgccagc 660

ggcgtggacg ccaaggctat cctgtctgcc agactgagca agagcagaag gctggaaaat 720

ctgatcgccc agctgcccgg cgagaagaag aacggcctgt tcggcaacct gattgccctg 780

agcctgggcc tgaccccaa cttcaagagc aacttcgacc tggccgagga tgccaaactg 840

cagctgagca aggacaccta cgacgacgac ctggacaacc tgctggccca gatcggcgac 900

cagtacgccg acctgttcct ggccgccaag aacctgtctg acgccatcct gctgagcgac 960

atcctgagag tgaacaccga gatcaccaag gccccctga gcgcctctat gatcaagaga 1020

tacgacgagc accaccagga cctgaccctg ctgaaagctc tcgtgcggca gcagctgcct 1080

gagaagtaca aagaaatctt cttcgaccag agcaagaacg gctacgccgg ctacatcgat 1140

ggcggcgcta gccaggaaga gttctacaag ttcatcaagc ccatcctgga aaagatggac 1200

ggcaccgagg aactgctcgt gaagctgaac agagaggacc tgctgagaaa gcagagaacc 1260

ttcgacaacg gcagcatccc ccaccagatc cacctgggag agctgcacgc tatcctgaga 1320

aggcaggaag atttttaccc attcctgaag gacaaccggg aaaagatcga gaagatcctg 1380

accttcagga tcccctacta cgtgggcccc ctggccagag gcaacagcag attcgcctgg 1440

atgaccagaa agagcgagga aaccatcacc ccctggaact tcgaggaagt ggtggacaag 1500

ggcgccagcg cccagagctt catcgagaga atgacaaact tcgataagaa cctgcccaac 1560

gagaaggtgc tgcccaagca cagcctgctg tacgagtact tcaccgtgta caacgagctg 1620

accaaagtga aatacgtgac cgagggaatg agaaagcccg ccttcctgag cggcgagcag 1680

aaaaaggcca tcgtggacct gctgttcaag accaacagaa aagtgaccgt gaagcagctg 1740

aaagaggact acttcaagaa aatcgagtgc ttcgactccg tggaaatctc cggcgtggaa 1800

gatagattca acgcctccct gggcacatac cacgatctgc tgaaaattat caaggacaag 1860

gacttcctgg ataacgaaga gaacgaggac attctggaag atatcgtgct gaccctgaca 1920

ctgtttgagg accgcgagat gatcgaggaa aggctgaaaa cctacgctca cctgttcgac 1980

gacaaagtga tgaagcagct gaagagaagg cggtacaccg gctggggcag gctgagcaga 2040

aagctgatca acggcatcag agacaagcag agcggcaaga caatcctgga tttcctgaag 2100

tccgacggct tcgccaaccg gaacttcatg cagctgatcc acgacgacag cctgacattc 2160

aaagaggaca tccagaaagc ccaggtgtcc ggccagggcg actctctgca cgagcatatc 2220

gctaacctgg ccggcagccc cgctatcaag aagggcatcc tgcagacagt gaaggtggtg 2280

gacgagctcg tgaaagtgat gggcagacac aagcccgaga acatcgtgat cgagatggct 2340

agagagaacc agaccaccca gaagggacag aagaactccc gcgagaggat gaagagaatc 2400

gaagagggca tcaaagagct gggcagccag atcctgaaag aacaccccgt ggaaaacacc 2460

cagctgcaga acgagaagct gtacctgtac tacctgcaga atggccggga tatgtacgtg 2520

gaccaggaac tggacatcaa cagactgtcc gactacgatg tggaccatat cgtgcctcag 2580

agctttctga aggacgactc catcgataac aaagtgctga ctcggagcga caagaacaga 2640

ggcaagagcg acaacgtgcc ctccgaagag gtcgtgaaga agatgaagaa ctactggcga 2700

cagctgctga acgccaagct gattacccag aggaagttcg ataacctgac caaggccgag 2760

agaggcggcc tgagcgagct ggataaggcc ggcttcatca agaggcagct ggtggaaacc 2820

agacagatca caaagcacgt ggcacagatc ctggactccc ggatgaacac taagtacgac 2880

gaaaacgata agctgatccg ggaagtgaaa gtgatcaccc tgaagtccaa gctggtgtcc 2940

gatttccgga aggatttcca gttttacaaa gtgcgcgaga tcaacaacta ccaccacgcc 3000

cacgacgcct acctgaacgc cgtcgtggga accgccctga tcaaaaagta ccctaagctg 3060

gaaagcgagt tcgtgtacgg cgactacaag gtgtacgacg tgcggaagat gatcgccaag 3120

agcgagcagg aaatcggcaa ggctaccgcc aagtacttct tctacagcaa catcatgaac 3180

tttttcaaga ccgaaatcac cctggccaac ggcgagatca gaaagcgccc tctgatcgag 3240

acaaacggcg aaaccgggga gatcgtgtgg gataagggca gagacttcgc cacagtgcga 3300

aaggtgctga gcatgcccca agtgaatatc gtgaaaaaga ccgaggtgca gacaggcggc 3360

ttcagcaaag agtctatcct gcccaagagg aacagcgaca agctgatcgc cagaaagaag 3420

gactgggacc ccaagaagta cggcggcttc gacagcccta ccgtggccta ctctgtgctg 3480

gtggtggcta aggtggaaaa gggcaagtcc aagaaactga agagtgtgaa agagctgctg 3540

gggatcacca tcatggaaag aagcagcttt gagaagaacc ctatcgactt tctggaagcc 3600

aagggctaca aagaagtgaa aaaggacctg atcatcaagc tgcctaagta ctccctgttc 3660

gagctggaaa acggcagaaa gagaatgctg gcctctgccg gcgaactgca gaagggaaac 3720

gagctggccc tgcctagcaa atatgtgaac ttcctgtacc tggcctccca ctatgagaag 3780

ctgaagggca gccctgagga caacgaacag aaacagctgt ttgtggaaca gcataagcac 3840

tacctggacg agatcatcga gcagatcagc gagttctcca agagagtgat cctggccgac 3900

gccaatctgg acaaggtgct gtctgcctac aacaagcaca gggacaagcc tatcagagag 3960

caggccgaga atatcatcca cctgttcacc ctgacaaacc tgggcgctcc tgccgccttc 4020

aagtactttg acaccaccat cgaccggaag aggtacacca gcaccaaaga ggtgctggac 4080

gccaccctga tccaccagag catcaccggc ctgtacgaga caagaatcga cctgtctcag 4140

ctgggaggcg acaagagacc tgccgccact aagaaggccg gacaggccaa aaagaagaag 4200

tgagcggccg cttaatta 4218

<210> 29
<211> 16
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 29
guuuuagagc uaugcu 16

<210> 30
<211> 67
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 30
agcauagcaa guuaaaauaa ggcuaguccg uuaucaacuu gaaaaagugg caccgagucg 60

gugcuuu 67

<210> 31
<211> 72
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 31
aaacagcaua gcaaguuaaa auaaggcuag uccguuauca acuugaaaaa guggcaccga 60

gucggugcuu uu 72

<210> 32
<211> 82
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 32
guuggaacca uucaaaacag cauagcaagu uaaaauaagg cuaguccguu aucaacuuga 60

aaaaguggca ccgagucggu gc 82

<210> 33
<211> 77
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 33
guuuuagagc uagaaauagc aaguuaaaau aaggcuaguc cguuaucaac uugaaaaagu 60

ggcaccgagu cggugcu 77

<210> 34
<211> 82
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 34
guuggaacca uucaaaacag cauagcaagu uaaaauaagg cuaguccguu aucaacuuga 60

aaaaguggca ccgagucggu gc 82

<210> 35
<211> 76
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 35
guuuuagagc uagaaauagc aaguuaaaau aaggcuaguc cguuaucaac uugaaaaagu 60

ggcaccgagu cggugc 76

<210> 36
<211> 86
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 36
guuuaagagc uaugcuggaa acagcauagc aaguuuaaau aaggcuaguc cguuaucaac 60

uugaaaaagu ggcaccgagu cggugc 86

<210> 37
<211> 83
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 37
guuuuagagc uagaaauagc aaguuaaaau aaggcuaguc cguuaucaac uugaaaaagu 60

ggcaccgagu cggugcuuuu uuu 83

<210> 38
<211> 80
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 38
guuuuagagc uagaaauagc aaguuaaaau aaggcuaguc cguuaucaac uugaaaaagu 60

ggcaccgagu cggugcuuuu 80

<210> 39
<211> 92
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 39
guuuaagagc uaugcuggaa acagcauagc aaguuuaaau aaggcuaguc cguuaucaac 60

uugaaaaagu ggcaccgagu cggugcuuuu uu 92

<210> 40
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (2)..(21)
<223> n is a, c, g, or t

<400> 40
gnnnnnnnnn nnnnnnnnnn ngg 23

<210> 41
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(21)
<223> n is a, c, g, or t

<400> 41
nnnnnnnnnn nnnnnnnnnn ngg 23

<210> 42
<211> 25
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (3)..(23)
<223> n is a, c, g, or t

<400> 42
ggnnnnnnnn nnnnnnnnnn nnngg 25

<210> 43
<211> 103
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 43
gagcacggaa cgaccugagu guuuuagagc uagaaauagc aaguuaaaau aaggcuaguc 60

cguuaucaac uugaaaaagu ggcaccgagu cggugcuuuu uuu 103

<210> 44
<211> 100
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(20)
<223> n is a, c, g, or u

<400> 44
nnnnnnnnnn nnnnnnnnnn guuuuagagc uagaaauagc aaguuaaaau aaggcuaguc 60

cguuaucaac uugaaaaagu ggcaccgagu cggugcuuuu 100

<210> 45
<211> 3519
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(141)
<223> ITR

<220>
<221> misc_feature
<222> (156)..(178)
<223> Guide RNA Target Sequence Plus PAM

<220>
<221> misc_feature
<222> (179)..(274)
<223> Splice Acceptor

<220>
<221> misc_feature
<222> (275)..(897)
<223> Human RS1

<220>
<221> misc_feature
<222> (898)..(2991)
<223> Human RS1 PolyA Region

<220>
<221> misc_feature
<222> (2992)..(3240)
<223> U6

<220>
<221> misc_feature
<222> (3241)..(3260)
<223> Guide Sequence

<220>
<221> misc_feature
<222> (3261)..(3343)
<223> Guide RNA Scaffold

<220>
<221> misc_feature
<222> (3344)..(3366)
<223> Guide RNA Target Sequence Plus PAM

<220>
<221> misc_feature
<222> (3379)..(3519)
<223> ITR

<400> 45
cctgcaggca gctgcgcgct cgctcgctca ctgaggccgc ccgggcaaag cccgggcgtc 60

gggcgacctt tggtcgcccg gcctcagtga gcgagcgagc gcgcagagag ggagtggcca 120

actccatcac taggggttcc tgcgctagct gtacacctac tcaggtcgtt ccgtgctcgt 180

tgaccagctc ggcggtgacc tgcacgtcta gggcgcagta gtccagggtt tccttgatga 240

tgtcatactt atcctgtccc ttttttttcc acagccacat tgggattatc gtctaccgag 300

gatgaaggcg aggacccctg gtaccaaaaa gcatgcaagt gcgattgcca aggaggaccc 360

aatgctctgt ggtctgcagg tgccacctcc ttggactgta taccagaatg cccatatcac 420

aagcctctgg gtttcgagtc aggggaggtc acaccggacc agatcacctg ctctaacccg 480

gagcagtatg tgggctggta ttcttcgtgg actgcaaaca aggcccggct caacagtcaa 540

ggctttgggt gtgcctggct ctccaagttc caggacagta gccagtggtt acagatagat 600

ctgaaggaga tcaaagtgat ttcagggatc ctcacccagg ggcgctgtga catcgatgag 660

tggatgacca agtacagcgt gcagtacagg accgatgagc gcctgaactg gatttactac 720

aaggaccaga ctggaaacaa ccgggtcttc tatggcaact cggaccgcac ctccacggtt 780

cagaacctgc tgcggccccc catcatctcc cgcttcatcc gcctcatccc gctgggctgg 840

cacgtccgca ttgccatccg gatggagctg ctggagtgcg tcagcaagtg tgcctgatgc 900

ctgcctcagc tcggcgcctg ccaggggggtg actggcacag agcgggccgt aggggacccc 960

ctcacacacc accgagatgg acagggctat atttcgcaaa gcaattgtaa ctgcagtgct 1020

gggtagataa ttttttttt tttaagatat agctttctga tttcaatgaa ataaaaatga 1080

acttattccc cactcagggc cagagaaagt cagaacaaag aaaatgtccc cgaaacgaat 1140

tttcttacaa aagcctaagt agcaggggta attttctgct catttttgt ctcagtgata 1200

ctgtgaaagg tgcagtctca ggggaacaca aagcagccct gataatttga aaattcattt 1260

gctttaccac attcaagaca gaaacataca gtttcctaaa gcctggcttt gaatgcagaa 1320

gggagcagct cctcctagtt aagtttccac taaatcatcg ccaaagagga cttcagagcc 1380

ctggggaggc agctgagggt ctcaagggtg actgggtggc agggatgagt gcggtgggtg 1440

agaatcccgg tgccctgaga ggctatacgt gacaaatgac caaaagccca aggtagggga 1500

gtttcctctg ctcacagttc ttaccttcaa ggcggatctg ggcttccacc ctcatgaaca 1560

cagggattgg ggagggacca gagcgcccaa tacacacagc tccattatgc aatccattcc 1620

agcaaattcc ccgtgtctgt ggtcaccatt taggtgatca tacaggacag gctgcacatc 1680

tcagtatatg tagggacccc aaatgaccac aacacagtac aattgccctt tacctagggc 1740

taccatttcc tagcaaacca aacatagttc gagaacagct ggcccaggag ctaccactgg 1800

ctactcagag gaggctcatt agctggctac atgcttcgca ggaagtggga aggactcaca 1860

tcataaaaag gaccatgtag ctttttccct gaaagcttct caccctccac cctctgcctt 1920

gcaatacgca aactgcgcct gctcctgaaa agctctctgg gaaggaatgg gcctggcttt 1980

ccgttcctgg aggcggcgcc ttagattggg aggcctcatt ggccacttag agcgcagcct 2040

gagtttccag gccccttcct gggagaggct gttaacacgg gggaggggca ggagagggat 2100

atggagagca ggtggtggaa tcagaggacg aggctgctct aaagactgtt ctggccccag 2160

acacagggta gtctttgcta gcagctcatt tccgagttac ttttcatttt caaatgccaa 2220

ggcaagtgac tagactcgcg ctaatacagt gctggacaac acattcacct tttctgtgaa 2280

caggcagcct tctaaaagcc ccaaacatcc ttcttgatgc tttgggggct caattatttt 2340

atatccaacc cagcatcttt ctagtcccta tgctgtatgc ttgaacttcg gaaaatgctt 2400

ttccccgccc aatcttctct caaatataaa cacatcacac agggtgttgg gggtgggggg 2460

ggggggtggg gggacttatc cctggcctta ggacacagga caaatctatt ttggatagaa 2520

atgcctgaac agagaccctt atttggaaag gtgaattaac tttggtcacg acatggactg 2580

tcagacaaaa tggcagtatc ctaagagtta aggcacatca aacacaggag tcgagagagt 2640

gcagttcagg gaaaaaggag aggaggaaac agtgaggcag ggagaaaggc tttccaaata 2700

agagttcatg ttggaaactt ttgtcacggc tttattgaga ttaagttcac atacaatttg 2760

tatccattta aagtatacaa tttgatgact tttggtatat tcagagttgt gcaaccatta 2820

tcactagatc aattttagaa agtttatcac cccaaagaga aatcctgcac ccatcagcca 2880

acactcccca acccatcggc caccccaagc cctctgcaac cacgaatcga ctgtctctgt 2940

agattggcct tctggacgtt ctacataaat gaaatcatat agtatgtggt agagggccta 3000

tttcccatga ttccttcata tttgcatata cgatacaagg ctgttagaga gataattgga 3060

attaatttga ctgtaaacac aaagatatta gtacaaaata cgtgacgtag aaagtaataa 3120

tttcttgggt agtttgcagt tttaaaatta tgttttaaaa tggactatca tatgcttacc 3180

gtaacttgaa agtatttcga tttcttggct ttatatatct tgtggaaagg acgaaacacc 3240

gagcacggaa cgacctgagt gttttagagc tagaaatagc aagttaaaat aaggctagtc 3300

cgttatcaac ttgaaaaagt ggcaccgagt cggtgctttt tttcctactc aggtcgttcc 3360

gtgctctcta gaggccgcag gaacccctag tgatggagtt ggccactccc tctctgcgcg 3420

ctcgctcgct cactgaggcc gggcgaccaa aggtcgcccg acgcccgggc tttgcccggg 3480

cggcctcagt gagcgagcga gcgcgcagct gcctgcagg 3519

<210> 46
<211> 2455
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(161)
<223> ITR

<220>
<221> misc_feature
<222> (168)..(227)
<223> Splice Acceptor

<220>
<221> misc_feature
<222> (228)..(850)
<223> Human RS1

<220>
<221> misc_feature
<222> (851)..(1076)
<223> bGH polyA

<220>
<221> misc_feature
<222> (1077)..(1325)
<223> U6

<220>
<221> misc_feature
<222> (1326)..(1345)
<223> Guide Sequence

<220>
<221> misc_feature
<222> (1346)..(1428)
<223> Guide RNA Scaffold

<220>
<221> misc_feature
<222> (1429)..(1650)

<223> Reverse Complement of SV40 polyA

<220>
<221> misc_feature
<222> (1651)..(2273)
<223> Reverse Complement of Codon-Optimized hRS1

<220>
<221> misc_feature
<222> (2274)..(2336)
<223> Reverse Complement of Splice Acceptor

<220>
<221> misc_feature
<222> (2344)..(2455)
<223> ITR

<400> 46
ggccactccc tctctgcgcg ctcgctcgct cactgaggcc gggcgaccaa aggtcgcccg 60

acgcccgggc tttgcccggg cggcctcagt gagcgagcga gcgcgcagag agggagtggc 120

caactccatc actaggggtt cctggagggg tggagtcgtg acctagggat gctgttggat 180

ttctctttca ttaattagat tttttctgtc tcatcctttt gctttagcca cattgggatt 240

atcgtctacc gaggatgaag gcgaggaccc ctggtaccaa aaagcatgca agtgcgattg 300

ccaaggagga cccaatgctc tgtggtctgc aggtgccacc tccttggact gtataccaga 360

atgcccatat cacaagcctc tgggtttcga gtcaggggag gtcacaccgg accagatcac 420

ctgctctaac ccggagcagt atgtgggctg gtattcttcg tggactgcaa acaaggcccg 480

gctcaacagt caaggctttg ggtgtgcctg gctctccaag ttccaggaca gtagccagtg 540

gttacagata gatctgaagg agatcaaagt gatttcaggg atcctcaccc aggggcgctg 600

tgacatcgat gagtggatga ccaagtacag cgtgcagtac aggaccgatg agcgcctgaa 660

ctggatttac tacaaggacc agactggaaa caaccgggtc ttctatggca actcggaccg 720

cacctccacg gttcagaacc tgctgcggcc ccccatcatc tcccgcttca tccgcctcat 780

cccgctgggc tggcacgtcc gcattgccat ccggatggag ctgctggagt gcgtcagcaa 840

gtgtgcctga ctgtgccttc tagttgccag ccatctgttg tttgcccctc ccccgtgcct 900

tccttgaccc tggaaggtgc cactcccact gtcctttcct aataaaatga ggaaattgca 960

tcgcattgtc tgagtaggtg tcattctatt ctgggggggtg gggtggggca ggacagcaag 1020

ggggaggatt gggaagacaa tagcaggcat gctggggatg cggtgggctc tatggcgagg 1080

gcctatttcc catgattcct tcatatttgc atatacgata caaggctgtt agagagataa 1140

ttggaattaa tttgactgta aacacaaaga tattagtaca aaatacgtga cgtagaaagt 1200

aataatttct tgggtagttt gcagttttaa aattatgttt taaaatggac tatcatatgc 1260

ttaccgtaac ttgaaagtat ttcgatttct tggctttata tatcttgtgg aaaggacgaa 1320

acaccgagca cggaacgacc tgagtgtttt agagctagaa atagcaagtt aaaataaggc 1380

tagtccgtta tcaacttgaa aaagtggcac cgagtcggtg ctttttttta ccacatttgt 1440

agaggtttta cttgctttaa aaaacctccc acacctcccc ctgaacctga aacataaaat 1500

gaatgcaatt gttgttgtta acttgtttat tgcagcttat aatggttaca aataaagcaa 1560

tagcatcaca aatttcacaa ataaagcatt tttttcactg cattctagtt gtggtttgtc 1620

caaactcatc aatgtatctt atcatgtctg tcaggcgcac ttggacacgc attccagcag 1680

ttccattctg atggcgatcc gcacgtgcca gccgagaggg atcagtctga tgaatctgga 1740

gatgatagga ggcctcagca gattctgcac ggtgctggtt ctgtcgctgt tgccgtagaa 1800

cactctgttg ttgccggtct ggtccttgta gtagatccag ttcagtctct cgtcggttct 1860

gtactgcacg ctgtacttgg tcatccactc gtcgatgtcg catctgccct gtgtcaggat 1920

gccgctgatg actttgatct ctttcaggtc gatctgcagc cactggctag agtcctggaa 1980

cttgctcagc caggcacagc cgaagccttg gctgttcagt ctggccttgt tggctgtcca 2040

gctagagtac cagccgacgt actgctcggg gttgctacag gtgatctggt caggggtcac 2100

ttcgccgctc tcgaagccca gaggcttatg gtaggggcac tcagggatgc agtccaggct 2160

tgtagcgcca gcgctccaaa gagcattagg gccgccttga cagtcgcact tgcaggcttt 2220

ctgataccag gggtcctcgc cttcatcttc tgtgctgctc aggcccagtg tggctgagca 2280

aaagaacaag agagggaaaa aatgaaatta agaaaggaaa gaaggcaaaa tgaaaagcta 2340

gtccactccc tctctgcgcg ctcgctcgct cactgaggcc gggcgaccaa aggtcgcccg 2400

acgcccgggc tttgcccggg cggcctcagt gagcgagcga gcgcgcagag aggga 2455

<210> 47
<211> 2763
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (1)..(141)
<223> ITR

<220>
<221> misc_feature
<222> (156)..(379)
<223> Splice Acceptor

<220>
<221> misc_feature
<222> (380)..(1002)
<223> Human RS1

<220>
<221> misc_feature
<222> (1003)..(1228)
<223> bGH polyA

<220>
<221> misc_feature
<222> (1229)..(1477)
<223> U6

<220>
<221> misc_feature
<222> (1478)..(1497)
<223> Guide Sequence

<220>
<221> misc_feature
<222> (1498)..(1574)
<223> Guide RNA Scaffold

<220>
<221> misc_feature
<222> (1575)..(1802)
<223> Reverse Complement of SV40 polyA

<220>
<221> misc_feature
<222> (1803)..(2425)
<223> Reverse Complement of Codon-Optimized Human RS1

<220>
<221> misc_feature
<222> (2426)..(2608)
<223> Splice Acceptor

<220>
<221> misc_feature
<222> (2609)..(2763)
<223> ITR

<400> 47
cctgcaggca gctgcgcgct cgctcgctca ctgaggccgc ccgggcaaag cccgggcgtc 60

gggcgacctt tggtcgcccg gcctcagtga gcgagcgagc gcgcagagag ggagtggcca 120

actccatcac taggggttcc tgcgctagct gtacactata atgatgatct tgttctttct 180

gtttaatttt actgtcccta gcttcttagc atctgcggat gtttttcctg gcagatattt 240

actcaccatg acttcttcca gaaggggtgt tggtagcttt catgtgacta tttctatttc 300

acttttccat gtaacgagtg atgctgttgg atttctcttt cattaattag atttttttctg 360

tctcatcctt ttgctttagc cacattggga ttatcgtcta ccgaggatga aggcgaggac 420

ccctggtacc aaaaagcatg caagtgcgat tgccaaggag gacccaatgc tctgtggtct 480

gcaggtgcca cctccttgga ctgtatacca gaatgcccat atcacaagcc tctgggtttc 540

gagtcagggg aggtcacacc ggaccagatc acctgctcta acccggagca gtatgtgggc 600

tggtattctt cgtggactgc aaacaaggcc cggctcaaca gtcaaggctt tgggtgtgcc 660

tggctctcca agttccagga cagtagccag tggttacaga tagatctgaa ggagatcaaa 720

gtgatttcag ggatcctcac ccaggggcgc tgtgacatcg atgagtggat gaccaagtac 780

agcgtgcagt acaggaccga tgagcgcctg aactggattt actacaagga ccagactgga 840

aacaaccggg tcttctatgg caactcggac cgcacctcca cggttcagaa cctgctgcgg 900

ccccccatca tctcccgctt catccgcctc atcccgctgg gctggcacgt ccgcattgcc 960

atccggatgg agctgctgga gtgcgtcagc aagtgtgcct gactgtgcct tctagttgcc 1020

agccatctgt tgtttgcccc tcccccgtgc cttccttgac cctggaaggt gccactccca 1080

ctgtcctttc ctaataaaat gaggaaattg catcgcattg tctgagtagg tgtcattcta 1140

ttctgggggg tggggtgggg caggacagca agggggagga ttgggaagac aatagcaggc 1200

atgctgggga tgcggtgggc tctatggcga gggcctattt cccatgattc cttcatattt 1260

gcatatacga tacaaggctg ttagagagat aattggaatt aatttgactg taaacacaaa 1320

gatattagta caaaatacgt gacgtagaaa gtaataattt cttgggtagt ttgcagtttt 1380

aaaattatgt tttaaaatgg actatcatat gcttaccgta acttgaaagt atttcgattt 1440

cttggcttta tatatcttgt ggaaaggacg aaacaccgag cacggaacga cctgagtgtt 1500

ttagagctag aaatagcaag ttaaaataag gctagtccgt tatcaacttg aaaaagtggc 1560

accgagtcgg tgctttttt taccacattt gtagaggttt tacttgcttt aaaaaacctc 1620

ccacacctcc ccctgaacct gaaacataaa atgaatgcaa ttgttgttgt taacttgttt 1680

attgcagctt ataatggtta caaataaagc aatagcatca caaatttcac aaataaagca 1740

ttttttttcac tgcattctag ttgtggtttg tccaaactca tcaatgtatc ttatcatgtc 1800

tgtcaggcgc acttggacac gcattccagc agttccattc tgatggcgat ccgcacgtgc 1860

cagccgagag ggatcagtct gatgaatctg gagatgatag gaggcctcag cagattctgc 1920

acggtgctgg ttctgtcgct gttgccgtag aacactctgt tgttgccggt ctggtccttg 1980

tagtagatcc agttcagtct ctcgtcggtt ctgtactgca cgctgtactt ggtcatccac 2040

tcgtcgatgt cgcatctgcc ctgtgtcagg atgccgctga tgactttgat ctctttcagg 2100

tcgatctgca gccactggct agagtcctgg aacttgctca gccaggcaca gccgaagcct 2160

tggctgttca gtctggcctt gttggctgtc cagctagagt accagccgac gtactgctcg 2220

gggttgctac aggtgatctg gtcaggggtc acttcgccgc tctcgaagcc cagaggctta 2280

tggtaggggc actcagggat gcagtccagg cttgtagcgc cagcgctcca aagagcatta 2340

gggccgcctt gacagtcgca cttgcaggct ttctgatacc aggggtcctc gccttcatct 2400

tctgtgctgc tcaggcccag tgtggctgag caaaagaaca agagagggaa aaaatgaaat 2460

taagaaagga aagaaggcaa aatgaaaaca atgccataga gattaaggag ctcattctgg 2520

agggaggaaa aggatggcaa tgactgttgt tttttcttat agaattatgg aaaatatatt 2580

aatatagcaa agcagggtgc agtacagccc tctagaggcc gcaggaaccc ctagtgatgg 2640

agttggccac tccctctctg cgcgctcgct cgctcactga ggccgggcga ccaaaggtcg 2700

cccgacgccc gggctttgcc cgggcggcct cagtgagcga gcgagcgcgc agctgcctgc 2760

agg 2763

<210> 48
<211> 224
<212> PRT
<213> Mus musculus

<400> 48

Met Pro His Lys Ile Glu Gly Phe Phe Leu Leu Leu Leu Phe Gly Tyr
1 5 10 15

Glu Ala Thr Leu Gly Leu Ser Ser Thr Glu Asp Glu Gly Glu Asp Pro
20 25 30

```
Trp Tyr Gln Lys Ala Cys Lys Cys Asp Cys Gln Val Gly Ala Asn Ala
        35                  40                  45

Leu Trp Ser Ala Gly Ala Thr Ser Leu Asp Cys Ile Pro Glu Cys Pro
    50                  55                  60

Tyr His Lys Pro Leu Gly Phe Glu Ser Gly Glu Val Thr Pro Asp Gln
65                  70                  75                  80

Ile Thr Cys Ser Asn Pro Glu Gln Tyr Val Gly Trp Tyr Ser Ser Trp
                85                  90                  95

Thr Ala Asn Lys Ala Arg Leu Asn Ser Gln Gly Phe Gly Cys Ala Trp
            100                 105                 110

Leu Ser Lys Tyr Gln Asp Ser Ser Gln Trp Leu Gln Ile Asp Leu Lys
        115                 120                 125

Glu Ile Lys Val Ile Ser Gly Ile Leu Thr Gln Gly Cys Cys Asp Ile
    130                 135                 140

Asp Glu Trp Val Thr Lys Tyr Ser Val Gln Tyr Arg Thr Asp Glu Arg
145                 150                 155                 160

Leu Asn Trp Ile Tyr Tyr Lys Asp Gln Thr Gly Asn Asn Arg Val Phe
                165                 170                 175

Tyr Gly Asn Ser Asp Arg Ser Ser Thr Val Gln Asn Leu Leu Arg Pro
            180                 185                 190

Pro Ile Ile Ser Arg Phe Ile Arg Leu Ile Pro Leu Gly Trp His Val
        195                 200                 205

Arg Ile Ala Ile Arg Met Glu Leu Leu Glu Cys Ala Ser Lys Cys Ala
    210                 215                 220
```

<210> 49
<211> 7
<212> PRT
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 49

Pro Lys Lys Lys Arg Lys Val
1 5

<210> 50
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 50

Pro Lys Lys Lys Arg Arg Val
1 5

<210> 51
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 51

Lys Arg Pro Ala Ala Thr Lys Lys Ala Gly Gln Ala Lys Lys Lys Lys
1 5 10 15

<210> 52
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 52
guuuuagagc uaugcuguuu ug 22

<210> 53
<211> 68
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 53
guuuuagagc uagaaauagc aaguuaaaau aaggcuaguc cguuaucaac uuggcaccga 60

gucggugc 68

<210> 54
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 54
gggccttatg catctccatc 20

<210> 55
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 55
taatcagcat attatccaga 20

<210> 56
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 56
ccctttgta cgtttttaa 20

<210> 57
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 57
ctgtatcttc ttagccagta 20

<210> 58
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 58
gttaacgcgt catttacatt 20

<210> 59
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 59
tacaataaat tagccggatg 20

<210> 60
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 60
aaacttttag gagtcaaagt 20

<210> 61
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 61
aaaactttta ggagtcaaag 20

<210> 62
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 62
aatgttaaca gtgttggctt 20

<210> 63
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 63
gtggtggctg caggtgaggg 20

<210> 64
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 64
tactaaaatg ttaacagtgt 20

<210> 65
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 65
aaaaaaggac ttgacatgca 20

<210> 66
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 66
gtcccagctt ctcttgaggg 20

<210> 67
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 67
gttaacagtg ttggctttgg 20

<210> 68
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 68
gttggtggtc actgacagtg 20

<210> 69
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 69
gaaactagtg gctaccgtac 20

<210> 70
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 70
aaaaaacgta caaaaggggc 20

<210> 71
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 71

agccccaggc catcaaccgg 20

<210> 72
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 72
ggcagccaga cagatgcttc 20

<210> 73
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 73
ctggagaaca aaagcatttt 20

<210> 74
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 74
atcttagatt tatgcaatgt 20

<210> 75
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 75
acaagtagaa tcagaattct 20

<210> 76
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 76
aatatcggct cactgcaacc 20

<210> 77
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 77
ccctcaagag aagctgggac 20

<210> 78
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 78
tcttaggaga tgacgaggtt 20

<210> 79
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 79
aataataaag aactagagaa 20

<210> 80
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 80
aaaaacgtac aaaaggggcc 20

<210> 81
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 81
ggctgagcag gcggagaagt 20

<210> 82
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 82
agagaaagga gaacagtctg 20

<210> 83
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 83
cttctttctc tttcacgaga 20

<210> 84
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 84
aatcttagat ttatgcaatg 20

<210> 85
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 85
ctgagcaggc ggagaagtag 20

<210> 86
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 86
acctagtgtt gacaaggctg 20

<210> 87
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 87
tcccagcttc tcttgagggt 20

<210> 88
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 88
aataattctg ttgggacgac 20

<210> 89
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 89
cctataaaga ggacgtttcc 20

<210> 90

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 90
ccttctttct ctttcacgag 20

<210> 91
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 91
cccatcgaag tactcaccat 20

<210> 92
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 92
gtgtcatatg ttgctggtgg 20

<210> 93
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 93
aatgtaaatg acgcgttaac 20

<210> 94
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 94
gcctttgagc caagtggatt 20

<210> 95
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 95
gtcagactct gtgctggctg 20

<210> 96
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 96
ccgtcaatag cattccggtt 20

<210> 97
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 97
ccattaaaaa acgtacaaaa 20

<210> 98
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 98
gggatttggg gaggatgggg 20

<210> 99
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 99
actgtgtcat atgttgctgg 20

<210> 100
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 100
tacaatgttg tggaccgggc 20

<210> 101
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 101
gatagagtag caaacaaaac 20

<210> 102
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 102
gctctcaaag gagactgaga 20

<210> 103
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 103
ggaagagcaa ggagctcctg 20

<210> 104
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 104
tgtgtcatat gttgctggtg 20

<210> 105
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 105
ctgagaaggt gtacctagag 20

<210> 106
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 106
gtccgggagc cagttcctgc 20

<210> 107
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 107
ttaggagatg acgaggttgg 20

<210> 108
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 108
ggaggaagca gagctctcaa 20

<210> 109
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 109
agtcatcagc ctgggaaaca 20

<210> 110
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 110
tccgggagcc agttcctgca 20

<210> 111
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 111
gagcaaggag ctcctgaggc 20

<210> 112
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 112
tctggtacaa tgttgtggac 20

<210> 113
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 113
cctgggagtg tctgacaacc 20

<210> 114
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 114
ccagttcctg cagggcctcg 20

<210> 115
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 115
tagggaatgg gctgagcagg 20

<210> 116
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 116
agctttctgt ccctgtgaga 20

<210> 117
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 117
tcgtctccct gccttctcac 20

<210> 118
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 118
cgaagtactc accatgggca 20

<210> 119
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 119
aggccactgg accatgccca 20

<210> 120
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 120
ggcagggaga cgagtctaat 20

<210> 121
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 121
gggcttagat ttatgcaata 20

<210> 122
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 122
ttcagcgaag acaagggatt 20

<210> 123
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 123
catggcccac gaggccctgc 20

<210> 124
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 124
cagttcctgc agggcctcgt 20

<210> 125
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 125
cattaaaaaa cgtacaaaag 20

<210> 126
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 126

aggcagggag acgagtctaa 20

<210> 127
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 127
ctaacatctg gatgaacctg 20

<210> 128
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 128
ccagtggcct gtcttctcct 20

<210> 129
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 129
tattacaaat actgccgcta 20

<210> 130
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 130
gcagggagac gagtctaatg 20

<210> 131
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 131
caatctgctt gagaaacagg 20

<210> 132
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 132
ggcttagatt tatgcaatat 20

<210> 133
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 133
acactcccag ggctcactct 20

<210> 134
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 134
tatgggctca ttctgcccct 20

<210> 135
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 135
cgaagacaag ggatttgggg 20

<210> 136
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 136
agcacagagt ctgacattga 20

<210> 137
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 137
gtcttaggag atgacgaggt 20

<210> 138
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 138
gctgagcagg cggagaagta 20

<210> 139
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 139
ttccaatctg cttgagaaac 20

<210> 140
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 140
gagatcataa tacatctcag 20

<210> 141
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 141
gcccatcgaa gtactcacca 20

<210> 142
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 142
caggcggaga agtaggggtg 20

<210> 143
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 143
ttgaaaccca gtcaccaatg 20

<210> 144
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 144
acataatcca actgagagtc 20

<210> 145

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 145
gtgagtgtac tgagtctccg 20

<210> 146
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 146
caatggagtc acacagcatg 20

<210> 147
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 147
ggggtggggg gacgcatttg 20

<210> 148
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 148
aactgagagt caggaaacct 20

<210> 149
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 149
tgctcacttc cataaggata 20

<210> 150
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 150
atttggggag gatggggagg 20

<210> 151
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 151
cgggctggcc acggcaagtg 20

<210> 152
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 152
ctcaatgtca gactctgtgc 20

<210> 153
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 153
tgcagactat taattgcaag 20

<210> 154
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 154
acaggcgtga gccacgggcc 20

<210> 155
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 155
catcaattgt gccaggcccg 20

<210> 156
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 156
cagcacagag tctgacattg 20

<210> 157
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 157
gttgcagact attaattgca 20

<210> 158
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 158
gcaagtgtgg caacagggtc 20

<210> 159
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 159
tagggtcttg gagttttgat 20

<210> 160
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 160
aaagcctcac atggcccacg 20

<210> 161
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 161
cctcgaggtg agcgtgtgct 20

<210> 162
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 162
gcaggcggag aagtaggggt 20

<210> 163
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 163
cattttgtg gacagttgtg 20

<210> 164
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 164
ttgcagacta ttaattgcaa 20

<210> 165
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 165
ctggttgtca gacactccca 20

<210> 166
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 166
cagcgaagac aagggatttg 20

<210> 167
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 167
tcagcgaaga caagggattt 20

<210> 168
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 168
tggatttgaa aataagaagt 20

<210> 169
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 169
aggtttaaaa atattgggtg 20

<210> 170
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 170
ttggcccagg gtggtggcag 20

<210> 171
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 171
acagaaaaag ctgtcaccaa 20

<210> 172
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 172
acaagggatt tggggaggat 20

<210> 173
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 173
ggcagcccca ggccatcaac 20

<210> 174
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 174
caggttccca gctgtacaat 20

<210> 175
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 175
aggcggagaa gtaggggtgg 20

<210> 176
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 176
agtgtggtgg ctgcaggtga 20

<210> 177
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 177
agcacattgg gcagacacaa 20

<210> 178
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 178
ccacgaggcc ctgcaggaac 20

<210> 179
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 179
cgtctccctg ccttctcaca 20

<210> 180
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 180
agatactaat cccatgtatg 20

<210> 181
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 181

ttaggctttg ccctcataca 20

<210> 182
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 182
ctactcgggg gaggctgaag 20

<210> 183
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 183
acctcactgc ctcagcagcg 20

<210> 184
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 184
ttgaggaccc aggagaagac 20

<210> 185
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 185
cttaggagat gacgaggttg 20

<210> 186
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 186
ggcggagaag taggggtggg 20

<210> 187
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 187
ctggtacaat gttgtggacc 20

<210> 188
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 188
ggcaaagcat tctgggcaga 20

<210> 189
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 189
gaaaattacg gtgactgctg 20

<210> 190
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 190
ggaccaacct agtgttgaca 20

<210> 191
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 191
gcttttgttc tccagtttgt 20

<210> 192
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 192
tgatttaatc accaacaaac 20

<210> 193
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 193
atttagcaat gtttactggg 20

<210> 194
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 194
ggcattgaat ccaatatgtg 20

<210> 195
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 195
gtgttaccat cagagattgc 20

<210> 196
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 196
gtaggccatt cagtgcttac 20

<210> 197
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 197
tttgaaaata agaagttggc 20

<210> 198
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 198
cacctcgttc cgccggttga 20

<210> 199
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 199
acacgctcac ctcgagggct 20

<210> 200

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 200
gatatccagt aagcactgaa 20

<210> 201
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 201
tggatttagc aatgtttact 20

<210> 202
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 202
taaagaggac gtttcctggc 20

<210> 203
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 203
ttaatctgtc ttttgtcgta 20

<210> 204
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 204
ataggaaatg ccttactgtg 20

<210> 205
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 205
cttactggat atctgaacct 20

<210> 206
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 206
agtaaacatt gctaaatcca 20

<210> 207
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 207
gggttcttgc cttggggtat 20

<210> 208
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 208
gtgaggcttt gtggaacttg 20

<210> 209
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 209
acatcttact actaccacat 20

<210> 210
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 210
ccaccaacac cccttgcctt 20

<210> 211
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 211
tttttgggag accaaaggca 20

<210> 212
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 212
tttcatcctc cacgctgctg 20

<210> 213
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 213
tcagagccac atgaaactag 20

<210> 214
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 214
tccattaaaa aacgtacaaa 20

<210> 215
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 215
aaaaaaagga cttgacatgc 20

<210> 216
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 216
gctcctgagg ctggagctag 20

<210> 217
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 217
agaaggtgta cctagagtgg 20

<210> 218
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 218
ggtgccagca gatttgggtc 20

<210> 219
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 219
gatactaatc ccatgtatga 20

<210> 220
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 220
gaaatccgag agtgagccct 20

<210> 221
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 221
aaaacccctg caatctctga 20

<210> 222
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 222
taataatatt tatattattc 20

<210> 223
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 223
agaaaagaaa tgcaagaaat 20

<210> 224
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 224
tgaactgtgt catatgttgc 20

<210> 225
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 225
cagaaagctt tctgtatctc 20

<210> 226
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 226
agaagctggg actggctgtg 20

<210> 227
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 227
cttctcttga gggtggggat 20

<210> 228
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 228
gcccagaatg ctttgcccac 20

<210> 229
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 229
agcaggcgga gaagtagggg 20

<210> 230
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 230
tctcctctag ctccagcctc 20

<210> 231
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 231
ggttaaatga aagggaaagc 20

<210> 232
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 232
ctaaagcgcg cctttcctca 20

<210> 233
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 233
agaagatgct ggcttggccc 20

<210> 234
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 234
caggagctcc ttgctcttcc 20

<210> 235
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 235
ctgtgtcata tgttgctggt 20

<210> 236
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 236

tagcacattg ggcagacaca 20

<210> 237
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 237
gaagcatatc acttctgcta 20

<210> 238
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 238
gttgtggacc gggctggcca 20

<210> 239
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 239
tccagtggcc tgtcttctcc 20

<210> 240
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 240
aatttcctgc tgtgacaaca 20

<210> 241
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 241
caagggattt ggggaggatg 20

<210> 242
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 242
aggaagtagg gaacagggac 20

<210> 243
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 243
acctccatct ctataaaaat 20

<210> 244
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 244
ttacttctct ttggctatga 20

<210> 245
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 245
tcccactggc ccacgttgca 20

<210> 246
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 246
cagccatgtt gcttctcctt 20

<210> 247
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 247
tatttttctc cctgtttaga 20

<210> 248
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 248
gggcaaagca ttctgggcag 20

<210> 249
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 249
gaaggaggcg agacacctgt 20

<210> 250
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 250
atttcctgct gtgacaacaa 20

<210> 251
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 251
aagaaaagaa atgcaagaaa 20

<210> 252
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 252
gcttctcttg agggtgggga 20

<210> 253
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 253
attaatctgt cttttgtcgt 20

<210> 254
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 254
acaggaggaa cgcacgcagc 20

<210> 255

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 255
cctggttgtc agacactccc 20

<210> 256
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 256
aggtcaacat caattgtgcc 20

<210> 257
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 257
gacaagggat ttggggagga 20

<210> 258
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 258
ggcttagatc taaatactcc 20

<210> 259
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 259
gagcacacag cctcacagta 20

<210> 260
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 260
gttaccatca gagattgcag 20

<210> 261
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 261
ttggatttag caatgtttac 20

<210> 262
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 262
cttggagttt tgataggcac 20

<210> 263
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 263
atttaataaa agagaaacct 20

<210> 264
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 264
tttaataaaa gagaaacctt 20

<210> 265
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 265
attaaaaagc agggagaagg 20

<210> 266
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 266
gagttccaga agcatctgtc 20

<210> 267
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 267
gaagatgctg gcttggccca 20

<210> 268
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 268
gctagaggag agagagtctt 20

<210> 269
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 269
cgaaggaggc gagacacctg 20

<210> 270
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 270
gacaaacagc ctttgtcttc 20

<210> 271
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 271
tattggattc aatgccaata 20

<210> 272
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 272
tccccaccct caagagaagc 20

<210> 273
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 273
tcacagcaga gtggcccttt 20

<210> 274
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 274
gattgagagg gaattggaac 20

<210> 275
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 275
ttttgggaga ccaaaggcaa 20

<210> 276
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 276
cccagcttct cttgagggtg 20

<210> 277
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 277
gactgcactc acctcggaac 20

<210> 278
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 278
ggcaacaggg tccggttccg 20

<210> 279
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 279
tgacgaggtt gggggtgtcc 20

<210> 280
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 280
taggctttgc cctcatacat 20

<210> 281
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 281
tgaagcatat cacttctgct 20

<210> 282
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 282
aatcagaatt cttggtttca 20

<210> 283
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 283
gatgttctaa aaatccttat 20

<210> 284
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 284
agacaaatgc tttctgcggg 20

<210> 285
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 285
tgttaccatc agagattgca 20

<210> 286
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 286
cccgccaaag cgttttgcgc 20

<210> 287
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 287
cagttgtgtg gaaatatgat 20

<210> 288
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 288
acgatgtcca caaagaagac 20

<210> 289
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 289
ttaggcgaca ggcatattca 20

<210> 290
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 290
gctggtttaa agcactgatg 20

<210> 291
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 291

ccaggaaacg tcctctttat 20

<210> 292
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 292
tcagcccatt ccctataaag 20

<210> 293
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 293
agaaagcttt ctgtatctca 20

<210> 294
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 294
acttattaaa taagtatgga 20

<210> 295
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 295
attggattgc acccaggaat 20

<210> 296
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 296
tgctttcaga gccaattcct 20

<210> 297
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 297
ttctgcccct tggtccaaaa 20

<210> 298
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 298
caaatggtga gctgagggac 20

<210> 299
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 299
cctttagctt ccaccactct 20

<210> 300
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 300
aggtcaacct agtttaaata 20

<210> 301
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 301
ttggttgcct gtcttctttg 20

<210> 302
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 302
agaaatccga gagtgagccc 20

<210> 303
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 303
actgcaacct tccgcccgcc 20

<210> 304
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 304
atcgattgaa cccaggcggg 20

<210> 305
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 305
taggcgacag gcatattcat 20

<210> 306
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 306
ggcgtgttcc aggaagagca 20

<210> 307
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 307
caagcacacg ctcacctcga 20

<210> 308
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 308
tttattatta tatgcatcat 20

<210> 309
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 309
atctcagggt tcttgccttg 20

<210> 310

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 310
cttatttaat aagttttaca 20

<210> 311
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 311
ggcaaccaat ttctaacatc 20

<210> 312
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 312
agaagcagtg gagggtaaat 20

<210> 313
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 313
atcacagaag ccatctaaac 20

<210> 314
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 314
gctggcttgg cccagggtgg 20

<210> 315
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 315
tttagcaatg tttactgggt 20

<210> 316
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 316
ctgtttgttc agattcgtgt 20

<210> 317
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 317
actgagaaaa ctgcagaagc 20

<210> 318
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 318
taaattaatt aaaattggcc 20

<210> 319
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 319
tctccaggtg ccctgcaacg 20

<210> 320
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 320
ttcccactgg cccacgttgc 20

<210> 321
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 321
tcgcttagca tatgtggttg 20

<210> 322
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 322
gatgcttctg gaactcaagg 20

<210> 323
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 323
cagcatgtgc caagccctcg 20

<210> 324
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 324
tcacaacaac ttcggcctcc 20

<210> 325
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 325
atcatcgcag aaggttgcat 20

<210> 326
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 326
ggcctttaac agcacttgaa 20

<210> 327
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 327
cgaggcgggc aaaccacttg 20

<210> 328
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 328
tctgaagggc cctgtcagtt 20

<210> 329
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 329
agaaatatct cagcctctaa 20

<210> 330
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 330
gatgctggct tggcccaggg 20

<210> 331
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 331
ccacggcaag tgtggcaaca 20

<210> 332
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 332
ccaagcacac gctcacctcg 20

<210> 333
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 333
catcttcaca ccgcaatgtt 20

<210> 334
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 334
ttgtgtggaa atatgattgg 20

<210> 335
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 335
ctgcttagat tttcttgctg 20

<210> 336
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 336
ctccaggtgc cctgcaacgt 20

<210> 337
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 337
gatgcatccc attgtacagc 20

<210> 338
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 338
gaaggtttca gcgaagacaa 20

<210> 339
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 339
gtagtgccca caggatctgc 20

<210> 340
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 340
tcaggttccc agctgtacaa 20

<210> 341
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 341
tccaaaattg gattgcaccc 20

<210> 342
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 342
ctccctctgg tacaatgttg 20

<210> 343
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 343
cacctgtggg caaagcattc 20

<210> 344
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 344
aggaccatcc agggcaaatt 20

<210> 345
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 345
agtaacaaaa gtcatcagcc 20

<210> 346
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 346

ctgcaacctt ccgcccgcct 20

<210> 347
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 347
acagatgctt ctggaactca 20

<210> 348
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 348
gggcgggcgg aaggggaaga 20

<210> 349
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 349
ccctgttgcc acacttgccg 20

<210> 350
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 350
cgtttcctgg ccggacgcag 20

<210> 351
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 351
cagccttgtc aacactaggt 20

<210> 352
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 352
ggaccatcca gggcaaattg 20

<210> 353
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 353
gtaacaaaag tcatcagcct 20

<210> 354
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 354
atgcatccca ttgtacagct 20

<210> 355
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 355
tctcgctgtg ttgctcaggg 20

<210> 356
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 356
actggggaag tagtgcccac 20

<210> 357
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 357
gctgaagcag atacaccaca 20

<210> 358
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 358
actgacagca cccaacattg 20

<210> 359
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 359
ccatcttcac accgcaatgt 20

<210> 360
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 360
tacagtggac acaaaaaaag 20

<210> 361
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 361
gagtctcgct gtgttgctca 20

<210> 362
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 362
attactgacc acagtttcaa 20

<210> 363
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 363
atgtgctaga tgatccatag 20

<210> 364
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 364
tatccagatg gagatgcata 20

<210> 365

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 365
tctgaggtac catatcctta 20

<210> 366
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 366
caggaaacgt cctctttata 20

<210> 367
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 367
aattgccttc acttaggcgt 20

<210> 368
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 368
agagggagcc tttgaaactg 20

<210> 369
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 369
gcgtgtgctt ggcgtgttcc 20

<210> 370
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 370
ttgaaaataa gaagttggct 20

<210> 371
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 371
atctgcgggc agattacgcg 20

<210> 372
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 372
gtaagcactg aatggcctac 20

<210> 373
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 373
caggaccatc cagggcaaat 20

<210> 374
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 374
attctgcccc ttggtccaaa 20

<210> 375
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 375
atgcataagg cccatagaca 20

<210> 376
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 376
atgcatcttt cccatgtcta 20

<210> 377
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 377
tcctgggtgc aatccaattt 20

<210> 378
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 378
gcctttcctc atgggttgca 20

<210> 379
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 379
agagctgcca tttgcggggc 20

<210> 380
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 380
acaccccaat ttgccctgga 20

<210> 381
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 381
tttcgctgtg tctgtctacc 20

<210> 382
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 382
ttacaaaaat gatccgggcg 20

<210> 383
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 383
ctgctttcag agccaattcc 20

<210> 384
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 384
ccccaccctc aagagaagct 20

<210> 385
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 385
ggttgcccag gggctggggg 20

<210> 386
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 386
gtccacaaca ttgtaccaga 20

<210> 387
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 387
acctgtgggc aaagcattct 20

<210> 388
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 388
ttccaagtag ctcggatcac 20

<210> 389
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 389
cagtgtggtg gctgcaggtg 20

<210> 390
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 390
attttcccac attatgtata 20

<210> 391
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 391
gggatgagct cttaaaagaa 20

<210> 392
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 392
tagaatttaa tattccaaac 20

<210> 393
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 393
gaggtttcct gactctcagt 20

<210> 394
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 394
aatctaagca gactctttca 20

<210> 395
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 395
tttgggagac caaaggcaag 20

<210> 396
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 396
aatgtacctt gcaacccatg 20

<210> 397
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 397
agtgaaatat ttcgattatg 20

<210> 398
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 398
cagatgcttc tggaactcaa 20

<210> 399
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 399
agtagtgccc acaggatctg 20

<210> 400
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 400
ctcctgggcc cttgttccac 20

<210> 401
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 401

taataagttt tacatggcac 20

<210> 402
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 402
tctgctcaga atttctcctc 20

<210> 403
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 403
aggaggggc aaggagtaaa 20

<210> 404
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 404
tagagctgcc atttgcgggg 20

<210> 405
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 405
acagtttcaa aggctccctc 20

<210> 406
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 406
cggtagccac tagtttcatg 20

<210> 407
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 407
ccttacaccc caatttgccc 20

<210> 408
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 408
aagaaataca ataaattagc 20

<210> 409
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 409
ctaaacctga gtgtaaaaaa 20

<210> 410
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 410
ccagtcccag cttctcttga 20

<210> 411
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 411
agaaacggaa gtctgaggct 20

<210> 412
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 412
cccaggagaa gacaggccac 20

<210> 413
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 413
aagtcgatcc gtggttgccc 20

<210> 414
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 414
aagaaacgga agtctgaggc 20

<210> 415
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 415
gccacggcaa gtgtggcaac 20

<210> 416
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 416
atgacgaggt tgggggtgtc 20

<210> 417
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 417
aaagcctaat cacctcccaa 20

<210> 418
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 418
ggtctcccaa aaagaggatc 20

<210> 419
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 419
taggtttgat ggcctgcttc 20

<210> 420

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 420
cttggcgcta tactaggact 20

<210> 421
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 421
ggaaacgcta ccatcaaata 20

<210> 422
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 422
cctactgtgt gccctaccct 20

<210> 423
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 423
catccctctg gcccagggta 20

<210> 424
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 424
tggagcatcc ctctggccca 20

<210> 425
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 425
tgtagatgct ctgcttttga 20

<210> 426
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 426
gtagtcccag ctaccatggg 20

<210> 427
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 427
gcttggcgct atactaggac 20

<210> 428
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 428
aaaaaaacaa gtctgggaaa 20

<210> 429
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 429
tgccccctcc ctcctgaagc 20

<210> 430
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 430
ctaaaattac aaaaatgatc 20

<210> 431
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 431
tctctctgct cacttccata 20

<210> 432
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 432
tcctcttttt gggagaccaa 20

<210> 433
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 433
tcacagaagc catctaaaca 20

<210> 434
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 434
aatgtttact gggtgggtgg 20

<210> 435
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 435
gcgcacatgt ctcttagcct 20

<210> 436
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 436
tgctggttta aagcactgat 20

<210> 437
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 437
gcctttggtc tcccaaaaag 20

<210> 438
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 438
cagtgccaga tcctcttttt 20

<210> 439
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 439
cgggcagatt acgcgtggca 20

<210> 440
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 440
gagagtctta ggagatgacg 20

<210> 441
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 441
aaggggcaag ctagtgatac 20

<210> 442
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 442
gtggagtttg gccaggctgt 20

<210> 443
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 443
cccactcttc tccgacagcc 20

<210> 444
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 444
atatggcacc tggacacaca 20

<210> 445
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 445
gcatttgtct gtagacagcc 20

<210> 446
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 446
gttgcccagg ggctggggga 20

<210> 447
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 447
agatgcttct ggaactcaag 20

<210> 448
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 448
gctggattct gactacactg 20

<210> 449
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 449
aaaaaaaaag tcattgttct 20

<210> 450
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 450
aggcctgggg gtggagcccg 20

<210> 451
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 451
attaatgtag caaagtggac 20

<210> 452
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 452
gccctgcaac gtgggccagt 20

<210> 453
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 453
ttctcttaca ccgcacatat 20

<210> 454
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 454
aaaaataggt ttaaaaatat 20

<210> 455
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 455
cacaacaact tcggcctcct 20

<210> 456
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 456

gcaaggtttt attgagtgga 20

<210> 457
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 457
tatctcaggg ttcttgcctt 20

<210> 458
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 458
atgtctggga aggccgggtg 20

<210> 459
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 459
tgcatctttc ccatgtctat 20

<210> 460
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 460
tgtgaaagtg ttactatttt 20

<210> 461
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 461
aagaaagaga atagatagta 20

<210> 462
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 462
ctagcctatg agctttatga 20

<210> 463
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 463
tccacgctgc tgaggcagtg 20

<210> 464
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 464
tttctatggc cagcttcagg 20

<210> 465
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 465
gggaaggaac gctctatggt 20

<210> 466
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 466
gggcagatta cgcgtggcag 20

<210> 467
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 467
cttgccatca taaagctcat 20

<210> 468
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 468
gagttttgat aggcacagga 20

<210> 469
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 469
gcaagaaatg ggtccaaaat 20

<210> 470
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 470
ggatgggaca gagcatctcc 20

<210> 471
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 471
gttccgccgg ttgatggcct 20

<210> 472
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 472
tttttacact caggtttagt 20

<210> 473
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 473
tgccctgcaa cgtgggccag 20

<210> 474
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 474
tgggccagtg ggaaggtttg 20

<210> 475

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 475
gacaaatgct ttctgcggga 20

<210> 476
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 476
cagattacgc gtggcagggg 20

<210> 477
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 477
gccctgcagg aactggctcc 20

<210> 478
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 478
tctttagcag gtagagtacc 20

<210> 479
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 479
cacctaccaa gcccgactcc 20

<210> 480
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 480
ctcctggagt cgggcttggt 20

<210> 481
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 481
gatgcttttc tcctggagtc 20

<210> 482
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 482
actgaccttc ctaggtttga 20

<210> 483
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 483
gcaggccatc aaacctagga 20

<210> 484
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 484
ctcatccctg actatctgct 20

<210> 485
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 485
gtgggccagt gggaaggttt 20

<210> 486
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 486
agaatcgatt gaacccaggc 20

<210> 487
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 487
acgtcctctt tatagggaat 20

<210> 488
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 488
ctatttggca atttatacaa 20

<210> 489
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 489
caaaaatcag ctgggctttg 20

<210> 490
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 490
ggctgtgagg cagtttctga 20

<210> 491
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 491
cgtacaaaag gggccgggcg 20

<210> 492
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 492
cttcttattt tcaaatccaa 20

<210> 493
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 493
cgttccgccg gttgatggcc 20

<210> 494
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 494
actactacca cattggtgac 20

<210> 495
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 495
cacaaggggc ttgaggaccc 20

<210> 496
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 496
ttatagggaa tgggctgagc 20

<210> 497
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 497
ctttagcagg tagagtacct 20

<210> 498
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 498
cctagacact gccgtgggtt 20

<210> 499
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 499
gctgtggggc tccaaaccca 20

<210> 500
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 500
catagcgggt gagtaaccag 20

<210> 501
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 501
ctcttagcct aggaagattc 20

<210> 502
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 502
taaagaaatt gccttcactt 20

<210> 503
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 503
ttcatccaac gcctaagtga 20

<210> 504
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 504
tggctggatt ctgactacac 20

<210> 505
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 505
ctactaccac attggtgact 20

<210> 506
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 506
tacttcgatg ggctatgcag 20

<210> 507
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 507
tgtccaggtg ccatatttga 20

<210> 508
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 508
tgcataaggc ccatagacat 20

<210> 509
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 509
gcccaggggc tgggggaggg 20

<210> 510
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 510
accttgcaac ccatgaggaa 20

<210> 511
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 511

attacgcgtg gcaggggtgg 20

<210> 512
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 512
tgtgtgtgtt gggtgggagt 20

<210> 513
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 513
atcataatac atctcagagg 20

<210> 514
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 514
ctaccatcct atggccacca 20

<210> 515
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 515
aacctctttg gaaaactatt 20

<210> 516
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 516
cccttgtga gcagagagtg 20

<210> 517
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 517
catgaacctt gagataagtg 20

<210> 518
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 518
cagaaaaact tcacactgct 20

<210> 519
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 519
ggcccatttc aggagagaaa 20

<210> 520
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 520
ttaaagcact gatggggtgc 20

<210> 521
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 521
gcatattctg gaaaactttt 20

<210> 522
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 522
ctggagcatc cctctggccc 20

<210> 523
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 523
ctccccctc ccccagcccc 20

<210> 524
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 524
tccccctcc cccagcccct 20

<210> 525
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 525
tccgtggttg cccaggggct 20

<210> 526
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 526
atccgtggtt gcccaggggc 20

<210> 527
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 527
cgacaaaaga cagattaatg 20

<210> 528
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 528
aagattagac tgaccttcct 20

<210> 529
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 529
cttgctgagg aaagaggagg 20

<210> 530

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 530
gcagagagag aaggaacgac 20

<210> 531
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 531
ctctgctcac aaggggcttg 20

<210> 532
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 532
gacaaaagac agattaatga 20

<210> 533
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 533
aagtatgcaa tgaatgtcaa 20

<210> 534
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 534
ccccagcccc tgggcaacca 20

<210> 535
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 535
gtgttactat tttaggcgac 20

<210> 536
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 536
aaagcagagc atctacatcg 20

<210> 537
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 537
gggtcttact cttgtcgccc 20

<210> 538
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 538
taaaacttat taaataagta 20

<210> 539
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 539
atctgtgggc aagaaaaagg 20

<210> 540
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 540
gagtacctgg gagagagggt 20

<210> 541
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 541
cctcactctc tgctcacaag 20

<210> 542
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 542
agctgggaac ctgaagacaa 20

<210> 543
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 543
gcgggcagat tacgcgtggc 20

<210> 544
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 544
aacacaagga agtagggaac 20

<210> 545
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 545
ctcaccagac ccaaatctgc 20

<210> 546
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 546
gaagggagat gcttttctcc 20

<210> 547
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 547
aaatggagtt ttggtggtgt 20

<210> 548
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 548
tgaagcaggc catcaaacct 20

<210> 549
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 549
aggtttgatg gcctgcttca 20

<210> 550
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 550
cacctcttct tccctgaagc 20

<210> 551
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 551
acagtgccag atcctctttt 20

<210> 552
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 552
ctgttcatca agagatgcaa 20

<210> 553
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 553
ggctggggga gggggagac 20

<210> 554
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 554
ataatctgtg ggcaagaaaa 20

<210> 555
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 555
ttattattat atgcatcata 20

<210> 556
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 556
taaacctatt tttatagaga 20

<210> 557
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 557
atctgctggc accttgatcg 20

<210> 558
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 558
ttgtttctat ggccagcttc 20

<210> 559
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 559
gaggtgagtg cagtcatccg 20

<210> 560
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 560
aaaagcagag catctacatc 20

<210> 561
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 561
caagctagtg atactggagg 20

<210> 562
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 562
aggatagagc tgccatttgc 20

<210> 563
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 563
agattacgcg tggcaggggt 20

<210> 564
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 564
aggtgagtgc agtcatccga 20

<210> 565
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 565
cctagagtgg tggaagctaa 20

<210> 566
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 566

cgatagacgc cggcagcccc 20

<210> 567
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 567
ccccgctgct caaacctctg 20

<210> 568
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 568
acttttcctc acttatctca 20

<210> 569
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 569
aatcagctgg gctttgtggc 20

<210> 570
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 570
gccagtccca gcttctcttg 20

<210> 571
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 571
aggggggaga cagggagaat 20

<210> 572
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 572
gtgtgtgtgt tgggtgggag 20

<210> 573
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 573
gggaggatca tgagagttgg 20

<210> 574
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 574
aagtgtcctt caaggggtca 20

<210> 575
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 575
taccatccta tggccaccag 20

<210> 576
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 576
cctaccatcc tatggccacc 20

<210> 577
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 577
ccagctacca tgggaggctg 20

<210> 578
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 578
ctgattcttc cgatacccca 20

<210> 579
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 579
cgtggttgcc caggggctgg 20

<210> 580
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 580
gaggatagag ctgccatttg 20

<210> 581
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 581
agtctgaggc tggggcaact 20

<210> 582
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 582
agatgctttt ctcctggagt 20

<210> 583
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 583
cccatggtga gtacttcgat 20

<210> 584
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 584
caacaattaa tgagaaagta 20

<210> 585

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 585
caatttgccc tggatggtcc 20

<210> 586
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 586
cgtaacatac ccagtaccac 20

<210> 587
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 587
tcttgctgag gaaagaggag 20

<210> 588
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 588
ggtccacaac attgtaccag 20

<210> 589
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 589
tcataataca tctcagaggt 20

<210> 590
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 590
agggatgagc tcttaaaaga 20

<210> 591
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 591
cccagggtag ggcacacagt 20

<210> 592
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 592
tacagacaaa tgctttctgc 20

<210> 593
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 593
taaagcgcgc ctttcctcat 20

<210> 594
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 594
agtggccctt ttggaccaag 20

<210> 595
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 595
cctcactgag aaggtgatgt 20

<210> 596
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 596
ggagaaaaca caaggaagta 20

<210> 597
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 597
aagctagtga tactggaggg 20

<210> 598
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 598
cgttgagagg agtgcgccgg 20

<210> 599
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 599
tctgggaaat ggagttttgg 20

<210> 600
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 600
ttgcccaggg gctgggggag 20

<210> 601
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 601
ggggcgaatg tttacagctg 20

<210> 602
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 602
tcaaaatgtc tgggaaggcc 20

<210> 603
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 603
tggcccattt caggagagaa 20

<210> 604
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 604
ttctcagtat ttggaaagac 20

<210> 605
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 605
gggtggggag gtcacagaac 20

<210> 606
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 606
ttctggacag ttcatttcaa 20

<210> 607
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 607
agaaagaagg aaattgcttc 20

<210> 608
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 608
gcaaggtggt ctaacctctt 20

<210> 609
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 609
ttccgccggt tgatggcctg 20

<210> 610
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 610
gcccatggtg agtacttcga 20

<210> 611
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 611
ggggcaaaca ttgtgtatga 20

<210> 612
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 612
taagtatatt tacagatttg 20

<210> 613
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 613
ccgtggttgc ccaggggctg 20

<210> 614
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 614
aatctgcccg cagatcctgt 20

<210> 615
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 615
acacaaggaa gtagggaaca 20

<210> 616
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 616
gccaggctgt cggagaagag 20

<210> 617
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 617
ttaatgtagc aaagtggaca 20

<210> 618
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 618
tgcaacgtgg gccagtggga 20

<210> 619
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 619
agctccccaa accttcccac 20

<210> 620
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 620
agagtggccc ttttggacca 20

<210> 621
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 621

actacattaa tgtagcaaag 20

<210> 622
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 622
tgactagtcc catgtggtat 20

<210> 623
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 623
gatgctatta ataattctgt 20

<210> 624
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 624
ctgcctcggg ctccaccccc 20

<210> 625
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 625
ggttgatggc ctggggctgc 20

<210> 626
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 626
tagtaagatg tggggccttt 20

<210> 627
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 627
caactcctga atagcacatt 20

<210> 628
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 628
cgttaatcca tatttaaact 20

<210> 629
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 629
gctgggggag gggggagaca 20

<210> 630
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 630
agaaggtttc agcgaagaca 20

<210> 631
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 631
gaaacggaag tctgaggctg 20

<210> 632
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 632
tctacgggaa gatatcctgt 20

<210> 633
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 633
gaaaaaaaaa aaaacaagtc 20

<210> 634
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 634
agaaaaactt cacactgcta 20

<210> 635
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 635
ttcttgctga ggaaagagga 20

<210> 636
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 636
caggaattgg ctctgaaagc 20

<210> 637
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 637
caaaagcaga gcatctacat 20

<210> 638
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 638
cccgctgctc aaacctctgg 20

<210> 639
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 639
cacacttgcc gtggccagcc 20

<210> 640

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 640
acctattttt atagagatgg 20

<210> 641
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 641
aggagggagg gggcaggagc 20

<210> 642
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 642
gtcgatccgt ggttgcccag 20

<210> 643
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 643
caagtggctg gacgtgcaga 20

<210> 644
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 644
ggatttctct tctttgtgat 20

<210> 645
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 645
gcaattaggg tctagttggc 20

<210> 646
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 646
gggggggagac agggagaatg 20

<210> 647
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 647
agagggtggg gcctcaaagc 20

<210> 648
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 648
ccatcccact gcctgctttg 20

<210> 649
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 649
aagcaggcag tgggatggag 20

<210> 650
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 650
ccccagaggt ttgagcagcg 20

<210> 651
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 651
cagggcatgc aagggaggtg 20

<210> 652
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 652
ttttgttcgt tatagaattt 20

<210> 653
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 653
aaatatgatt ggaggatcaa 20

<210> 654
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 654
ctgctggttt aaagcactga 20

<210> 655
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 655
gattttcttg ctgaggaaag 20

<210> 656
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 656
catttgtctg tagacagcct 20

<210> 657
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 657
atccgaggga gagaagatgc 20

<210> 658
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 658
ccaacattgc ggtgtgaaga 20

<210> 659
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 659
gtagtaagat gtggggcctt 20

<210> 660
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 660
tcaactcctg aatagcacat 20

<210> 661
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 661
agaaaataaa ttaaaaagca 20

<210> 662
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 662
ccaaaggcaa ggggtgttgg 20

<210> 663
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 663
ttgatgttga cctaactgac 20

<210> 664
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 664
ccttccgccc gccccgcaaa 20

<210> 665
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 665
gctgccattt gcggggcggg 20

<210> 666
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 666
ggatagagct gccatttgcg 20

<210> 667
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 667
agcgaggaac atcacacact 20

<210> 668
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 668
aatatgattg gaggatcaaa 20

<210> 669
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 669
attgaaccca ggcgggcgga 20

<210> 670
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 670
aagtctgagg ctggggcaac 20

<210> 671
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 671
gattacgcgt ggcaggggtg 20

<210> 672
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 672
taatctgccc gcagatcctg 20

<210> 673
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 673
atagatagta tggaaaatta 20

<210> 674
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 674
tggagaggag agaaagcccc 20

<210> 675
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 675
agaggagaga aagcccctgg 20

<210> 676
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 676

gggctatgca ggggctgcag 20

<210> 677
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 677
ccagggcaaa ttggggtgta 20

<210> 678
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 678
cgtgggccag tgggaaggtt 20

<210> 679
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 679
ttggtgatta aatcattgtg 20

<210> 680
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 680
tgtctcttgc tagctcaaag 20

<210> 681
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 681
gggcaagcta gtgatactgg 20

<210> 682
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 682
cttcaattag gaaaaaataa 20

<210> 683
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 683
tagaaaataa attaaaaagc 20

<210> 684
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 684
acctactgtg tgccctaccc 20

<210> 685
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 685
gagtggccct tttggaccaa 20

<210> 686
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 686
ataataaagt gtccttcaag 20

<210> 687
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 687
ctccaccgtc aatagcattc 20

<210> 688
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 688
atgttgctgg tgggggtgca 20

<210> 689
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 689
gtacttcgat gggctatgca 20

<210> 690
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 690
ccccagccat gcacaaagat 20

<210> 691
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 691
agtacctggg agagagggtg 20

<210> 692
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 692
gttttgatag gcacaggatg 20

<210> 693
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 693
tctgtaacac acgcctgctg 20

<210> 694
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 694
aatagcaaag tggttaaagg 20

<210> 695

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 695
tatcatcaga aaagaaagaa 20

<210> 696
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 696
gaatttaaat taattaaaat 20

<210> 697
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 697
catatattag cagaaactga 20

<210> 698
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 698
ggtggggagg tcacagaaca 20

<210> 699
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 699
acaaatgctt tctgcgggag 20

<210> 700
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 700
agggcctcgt gggccatgtg 20

<210> 701
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 701
cctgcgcaaa acgctttggc 20

<210> 702
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 702
ccgctccccc accccacgac 20

<210> 703
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 703
taagtaccat atacataatg 20

<210> 704
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 704
gtgtgttggg tgggagtggg 20

<210> 705
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 705
aagaaaaagg tggactgaaa 20

<210> 706
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 706
cgtttttaa tggatccatg 20

<210> 707
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 707
aatttgccct ggatggtcct 20

<210> 708
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 708
ggctggattc tgactacact 20

<210> 709
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 709
ctctcctgcg caaaacgctt 20

<210> 710
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 710
atctcggctc acaacaactt 20

<210> 711
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 711
ttttgatagg cacaggatgg 20

<210> 712
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 712
aaagtggaca gggcagggag 20

<210> 713
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 713
aagaggtgaa aggaattcga 20

<210> 714
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 714
agaccaaagg caaggggtgt 20

<210> 715
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 715
aaggttgcat tggacactgc 20

<210> 716
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 716
accacactgc tgtctctcct 20

<210> 717
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 717
aattaatatc gttgataaat 20

<210> 718
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 718
atgctattaa taattctgtt 20

<210> 719
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 719
agggcaccat ccagcctgtc 20

<210> 720
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 720
tcataggcta gtgtgtgtgt 20

<210> 721
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 721
gaagatggaa ggtcagtgtt 20

<210> 722
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 722
ctgggggtgg agcccgaggc 20

<210> 723
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 723
ttctgtccct gtgagaaggc 20

<210> 724
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 724
gtatgtcact gaagagagtc 20

<210> 725
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 725
agtcgatccg tggttgccca 20

<210> 726
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 726
cggcggaacg aggtggagtt 20

<210> 727
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 727
ttgtttagaa attattttat 20

<210> 728
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 728
gaggagaaat tctgagcaga 20

<210> 729
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 729
aaacattgtg tatgacggcg 20

<210> 730
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 730
tggagaaaac acaaggaagt 20

<210> 731
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 731

tgaagatgga aggtcagtgt 20

<210> 732
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 732
tttaaaaata ttgggtgtgg 20

<210> 733
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 733
tagaaggctc ctcacagaac 20

<210> 734
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 734
ggtgtaaccc aggaccatcc 20

<210> 735
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 735
tttcttgctg aggaaagagg 20

<210> 736
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 736
tctcttcttt gtgattggca 20

<210> 737
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 737
aatcgtctga ttgctggaga 20

<210> 738
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 738
cattgcggtg tgaagatgga 20

<210> 739
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 739
tgtcgtgggg tgggggagcg 20

<210> 740
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 740
gcaagctagt gatactggag 20

<210> 741
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 741
agttttgata ggcacaggat 20

<210> 742
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 742
tcaccatggg catggtccag 20

<210> 743
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 743
gggtacttga gaattgagag 20

<210> 744
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 744
tttcactatt tttcctttag 20

<210> 745
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 745
ggaacaggga ctggtccttt 20

<210> 746
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 746
tgtgttgggt gggagtgggt 20

<210> 747
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 747
acaagcggct agatgtcgag 20

<210> 748
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 748
gtgagtaacc agtggaacaa 20

<210> 749
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 749
ttcatccaga tgttagaaat 20

<210> 750

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 750
cgtctgattg ctggagaggg 20

<210> 751
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 751
gaggggggag acagggagaa 20

<210> 752
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 752
tcctgcgcaa aacgctttgg 20

<210> 753
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 753
agtttaccaa tctttgtgca 20

<210> 754
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 754
gcatccctct ggcccagggt 20

<210> 755
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 755
gtgttgggtg ggagtgggtg 20

<210> 756
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 756
gaggccccac cctctctccc 20

<210> 757
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 757
tctatcgtgc gctcttccgc 20

<210> 758
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 758
tcattaattg ttgcaactta 20

<210> 759
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 759
ccaatccaag agactaaact 20

<210> 760
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 760
gaacagggac tggtcctttt 20

<210> 761
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 761
gagacaagtc tctctttagc 20

<210> 762
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 762
ggtgagtaac cagtggaaca 20

<210> 763
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 763
tgacccttc tctcctgaaa 20

<210> 764
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 764
tgagaaagta tggcatattc 20

<210> 765
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 765
atttgtctgt agacagcctg 20

<210> 766
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 766
aaggggagc ccagacaggc 20

<210> 767
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 767
ctgaggctgg ggcaactggg 20

<210> 768
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 768
gacggaggca agagacagtc 20

<210> 769
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 769
aagggctgtt tttgtttcta 20

<210> 770
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 770
gaacaacagt tgtctttgtg 20

<210> 771
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 771
aatccaacag aaaacaggat 20

<210> 772
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 772
ctgactcaat tataagacat 20

<210> 773
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 773
ccatgggaag gaacgctcta 20

<210> 774
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 774
cgcaggagag tggcggcatc 20

<210> 775
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 775
ggcaagctag tgatactgga 20

<210> 776
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 776
tttagtttgc cgtctgtagg 20

<210> 777
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 777
atggagtttt ggtggtgtag 20

<210> 778
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 778
tgtagcaaag tggacagggc 20

<210> 779
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 779
aaataatgat tatcttttt 20

<210> 780
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 780
gacccttct ctcctgaaat 20

<210> 781
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 781
gtgaaagaaa cggaagtctg 20

<210> 782
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 782
gggtgggggt gtgaaagaaa 20

<210> 783
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 783
gcatcatagg ggtgtggaaa 20

<210> 784
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 784
atctgtgtaa aagagactcc 20

<210> 785
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 785
ggctatgcag gggctgcagt 20

<210> 786
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 786

aagtctggga aatggagttt 20

<210> 787
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 787
ggaattcgat ggcccatttc 20

<210> 788
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 788
ttatcttact tgcttaacgc 20

<210> 789
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 789
gctgtgaggc agtttctgaa 20

<210> 790
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 790
cggatgtctc atgtaacatg 20

<210> 791
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 791
gggcaccatc cagcctgtct 20

<210> 792
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 792
ttatatgcat cataggggtg 20

<210> 793
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 793
ctaccatcaa atatggcacc 20

<210> 794
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 794
ttattgtatt tcttgtagag 20

<210> 795
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 795
tgcccctag cagatagtca 20

<210> 796
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 796
tttctgcggg aggggagtct 20

<210> 797
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 797
tggcgggtcc ctgttgccag 20

<210> 798
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 798
tttgttcaaa atgtctggga 20

<210> 799
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 799
tggctggggg ctgctagtcc 20

<210> 800
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 800
ccagctcgat ttcaacactg 20

<210> 801
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 801
caaactccac ctcgttccgc 20

<210> 802
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 802
tctgtgtaaa agagactcca 20

<210> 803
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 803
gtgtaaccca ggaccatcca 20

<210> 804
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 804
taaattaaaa agcagggaga 20

<210> 805

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 805
gctcttaaaa gaagggacca 20

<210> 806
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 806
tgtgccctac cctgggccag 20

<210> 807
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 807
attataagac ataggaagcc 20

<210> 808
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 808
aatgaatttg agacgcctag 20

<210> 809
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 809
aaacacttgg agacagagcg 20

<210> 810
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 810
gtctgcccaa tgtgctattc 20

<210> 811
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 811
tcatccctga ctatctgcta 20

<210> 812
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 812
agataagaaa tagagaaaag 20

<210> 813
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 813
aagaagttgg ctgggtgcag 20

<210> 814
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 814
gcaaacattg tgtatgacgg 20

<210> 815
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 815
ggcccacgtt gcagggcacc 20

<210> 816
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 816
acctagagtc caaggaagag 20

<210> 817
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 817
gtctagaact acatgccaca 20

<210> 818
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 818
ttttctcctg gagtcgggct 20

<210> 819
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 819
attccttccc tccgggtata 20

<210> 820
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 820
caaacattgt gtatgacggc 20

<210> 821
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 821
ctttcataac caaatccact 20

<210> 822
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 822
tgtcacagca ggaaatttca 20

<210> 823
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 823
cctcagctca ccatttgctc 20

<210> 824
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 824
ggtgggagga tcatgagagt 20

<210> 825
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 825
ggactcagcc cctggcaaca 20

<210> 826
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 826
tggggcctca aagcaggcag 20

<210> 827
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 827
cgtggggtgg gggagcgggg 20

<210> 828
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 828
ttctatggcc agcttcagga 20

<210> 829
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 829
agtaagatat tttaatacga 20

<210> 830
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 830
actgaaaagg ccagagcaaa 20

<210> 831
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 831
ctggtggcca taggatggta 20

<210> 832
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 832
gagaaaagag gccaggtgca 20

<210> 833
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 833
tcttttagtt tgccgtctgt 20

<210> 834
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 834
tggtacttat actttgattg 20

<210> 835
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 835
ctttctgcgg gaggggagtc 20

<210> 836
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 836
taatgaattt gagacgccta 20

<210> 837
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 837
tcactgcctc agcagcgtgg 20

<210> 838
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 838
aaaaaaagtg gttgcagaac 20

<210> 839
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 839
tctgggaagg ccgggtgtgg 20

<210> 840
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 840
ccagccaaaa atagccagtg 20

<210> 841
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 841

ccacactggc tatttttggc 20

<210> 842
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 842
caattagggt ctagttggct 20

<210> 843
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 843
tgccagctcg atttcaacac 20

<210> 844
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 844
gagctagcaa gagacatcta 20

<210> 845
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 845
actttttttg tgtccactgt 20

<210> 846
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 846
ttaaatagca aagtggttaa 20

<210> 847
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 847
tgaggaaaga ggagggggca 20

<210> 848
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 848
ggggcctcaa agcaggcagt 20

<210> 849
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 849
atagcaaagt ggttaaagga 20

<210> 850
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 850
attgtatttc ttgtagagag 20

<210> 851
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 851
agggcttccc taagcccaaa 20

<210> 852
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 852
caggctgtcg gagaagagtg 20

<210> 853
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 853
ttcaaaatgt ctgggaaggc 20

<210> 854
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 854
tgatgttgac ctaactgaca 20

<210> 855
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 855
aatctaagat tggtgactgg 20

<210> 856
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 856
ccatttgcgg ggcgggcgga 20

<210> 857
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 857
agtacttcga tgggctatgc 20

<210> 858
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 858
ggttgttaga ctcagcactg 20

<210> 859
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 859
cctctcgtga aagagaaaga 20

<210> 860

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 860
aggtagagta cctgggagag 20

<210> 861
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 861
agctagcaag agacatctac 20

<210> 862
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 862
gacagcagtg tggtggctgc 20

<210> 863
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 863
tgagacaggc cgatcacttg 20

<210> 864
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 864
tgactacttt aagatgcttt 20

<210> 865
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 865
ttgccccta gcagatagtc 20

<210> 866
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 866
aacgtcctct ttatagggaa 20

<210> 867
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 867
ctcagtttcc ttgtgtgtcc 20

<210> 868
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 868
ttcctttcaa gtgctgttaa 20

<210> 869
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 869
caaaactcca agaccctagc 20

<210> 870
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 870
ccaggctgtc ggagaagagt 20

<210> 871
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 871
gggtggccct gaatcttcct 20

<210> 872
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 872
agcctcactc tctgctcaca 20

<210> 873
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 873
tatttccatt ttttacactc 20

<210> 874
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 874
tttttgttat tacttctctt 20

<210> 875
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 875
gatggctttc cagttctgtg 20

<210> 876
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 876
ttcttcgcat cgcgggggtg 20

<210> 877
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 877
acgatgttct ctgctcttcg 20

<210> 878
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 878
cttcatctgt ttccatggga 20

<210> 879
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 879
tcaacactgg ggtgtcccct 20

<210> 880
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 880
gggtctatgc tatgttaccc 20

<210> 881
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 881
agagtacctg ggagagaggg 20

<210> 882
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 882
aggagccttc taaagttcaa 20

<210> 883
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 883
gcttcaatta ggaaaaaata 20

<210> 884
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 884
ataaatctaa gattggtgac 20

<210> 885
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 885
actcaagggg gagcccagac 20

<210> 886
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 886
gtggaacttg aggatagacg 20

<210> 887
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 887
gtagcaaagt ggacagggca 20

<210> 888
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 888
aggagaaatt ctgagcagat 20

<210> 889
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 889
aataataaag tgtccttcaa 20

<210> 890
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 890
ttggcgggtc cctgttgcca 20

<210> 891
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 891
aacagttgtc tttgtgtgga 20

<210> 892
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 892
ctacagacaa atgctttctg 20

<210> 893
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 893
tgtaggcttg gcgctatact 20

<210> 894
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 894
ttgtggcaca gtgagggaac 20

<210> 895
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 895
cttaaagtag tcagagttac 20

<210> 896
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 896

cttgtagtcc cagctaccat 20

<210> 897
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 897
gagcgaggaa catcacacac 20

<210> 898
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 898
ctccagggag ctagtgaaac 20

<210> 899
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 899
ctcctgtttc tcaagcagat 20

<210> 900
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 900
ggcgcgcttt agatacacac 20

<210> 901
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 901
cataggctag tgtgtgtgtt 20

<210> 902
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 902
tagaactaca tgccacaggg 20

<210> 903
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 903
catctcaggg catgcaaggg 20

<210> 904
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 904
cggaatgcta ttgacggtgg 20

<210> 905
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 905
ttcgcatcgc gggggtgggg 20

<210> 906
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 906
atcagcaatt agggtctagt 20

<210> 907
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 907
atttgcgggg cgggcggaag 20

<210> 908
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 908
ggtggaagct aaaggaagat 20

<210> 909
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 909
acttcttcgc atcgcggggg 20

<210> 910
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 910
ctcctcatta cagtgaaata 20

<210> 911
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 911
ggagaaaagc atctcccttc 20

<210> 912
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 912
tggtgattaa atcattgtgt 20

<210> 913
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 913
ttttataatt gtgatgataa 20

<210> 914
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 914
atttaaattc caataccaca 20

<210> 915

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 915
tgattgtgtc ctctgtcccc 20

<210> 916
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 916
ataatgaatt tgagacgcct 20

<210> 917
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 917
tgagaaacat aaatcccgag 20

<210> 918
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 918
gtgccctacc ctgggccaga 20

<210> 919
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 919
tgaaatgaac tgtccagaac 20

<210> 920
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 920
ccatagagcg ttccttccca 20

<210> 921
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 921
atgtctcatg taacatgtgg 20

<210> 922
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 922
tattattata tgcatcatag 20

<210> 923
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 923
agagaaaaga ggccaggtgc 20

<210> 924
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 924
agcaatgttt actgggtggg 20

<210> 925
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 925
cagtgttggg aagagtccat 20

<210> 926
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 926
tgggacgaca ggtgtaaccc 20

<210> 927
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 927
ttcaaagatt gagagggaat 20

<210> 928
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 928
gggccagagg gatgctccag 20

<210> 929
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 929
catttgcggg gcgggcggaa 20

<210> 930
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 930
cactgctagg gttaaatgaa 20

<210> 931
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 931
aatacacata gaaaaatgac 20

<210> 932
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 932
agacccatcc tgttttctgt 20

<210> 933
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 933
ctatgctatg ttacccaggc 20

<210> 934
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 934
ttgctggtgg gggtgcaagg 20

<210> 935
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 935
cactggttac tcacccgcta 20

<210> 936
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 936
caccacactg ctgtctctcc 20

<210> 937
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 937
gggactagtc atgactacat 20

<210> 938
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 938
ttattagatt ccagtggtac 20

<210> 939
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 939
ctacttagaa atataccttg 20

<210> 940
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 940
tcgaacaata gactttcaat 20

<210> 941
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 941
gacagggaga atggggagcg 20

<210> 942
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 942
ccaacatcac cttctcagtg 20

<210> 943
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 943
cctcaaagca ggcagtggga 20

<210> 944
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 944
atcggggtat gtttacacaa 20

<210> 945
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 945
tttcgtacaa tactggaggc 20

<210> 946
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 946
ttcgccccta gacactgccg 20

<210> 947
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 947
tgccctgaga tggggacaag 20

<210> 948
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 948
gggagctagt gaaacaggaa 20

<210> 949
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 949
aatcttaaat catctaattg 20

<210> 950
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 950
aaatccaaca gaaaacagga 20

<210> 951
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 951

atgtaaacca gttgtctgtt 20

<210> 952
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 952
accaaatcca cttggctcaa 20

<210> 953
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 953
atcgaacaat agactttcaa 20

<210> 954
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 954
aggctagtgt gtgtgttggg 20

<210> 955
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 955
gggactcagc ccctggcaac 20

<210> 956
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 956
tttggcgggt ccctgttgcc 20

<210> 957
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 957
ttagctgagc gtggcagcgc 20

<210> 958
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 958
agtctagaac tacatgccac 20

<210> 959
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 959
tgtcgagagg agcacattgg 20

<210> 960
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 960
tgtggtagta gtaagatgtg 20

<210> 961
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 961
actgctaggg ttaaatgaaa 20

<210> 962
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 962
aaaaaatcct aacagacaac 20

<210> 963
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 963
tgtggcacag tgagggaact 20

<210> 964
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 964
taattaaaat tggccgggcg 20

<210> 965
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 965
ccaaaccgga atgctattga 20

<210> 966
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 966
tctatttctt atctcctgag 20

<210> 967
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 967
tctgtccctg tgagaaggca 20

<210> 968
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 968
ctcggcttca tctgtttcca 20

<210> 969
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 969
gagagttgga ggctgcagtg 20

<210> 970

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 970
taaaagagaa accttgggcc 20

<210> 971
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 971
tattccttcc ctccgggtat 20

<210> 972
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 972
ccaaggtata tttctaagta 20

<210> 973
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 973
caaaaatagc cagtgtggct 20

<210> 974
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 974
acagggagaa tggggagcga 20

<210> 975
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 975
aatattgggt gtggtggcac 20

<210> 976
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 976
ttcctgtttc actagctccc 20

<210> 977
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 977
aagtaccata tacataatgt 20

<210> 978
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 978
aaattatgaa tgattaaaaa 20

<210> 979
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 979
ttcgtacaat actggaggct 20

<210> 980
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 980
ataaaagaga aaccttgggc 20

<210> 981
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 981
tgtttttat tagattccag 20

<210> 982
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 982
cctacttaga aatatacctt 20

<210> 983
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 983
gcagagaaca tcgtctctcc 20

<210> 984
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 984
tgtcccctgg agcatccctc 20

<210> 985
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 985
ctctaaagat ttgccagttc 20

<210> 986
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 986
ttctcaagca gattggaagc 20

<210> 987
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 987
ggtagagtac ctgggagaga 20

<210> 988
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 988
ccagggatga agcaggaagc 20

<210> 989
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 989
ccaaacccac ggcagtgtct 20

<210> 990
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 990
caggagagac agcagtgtgg 20

<210> 991
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 991
gcctcactct ctgctcacaa 20

<210> 992
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 992
gaaaaatgac aggaaatgac 20

<210> 993
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 993
caagccacac tggctatttt 20

<210> 994
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 994
tcggatgact gcactcacct 20

<210> 995
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 995
agtaggttgc caagccacac 20

<210> 996
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 996
actctcttca gtgacataca 20

<210> 997
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 997
aaaagggcca ctctgctgtg 20

<210> 998
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 998
atgttggagc aaagattcga 20

<210> 999
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 999
caacatcacc ttctcagtga 20

<210> 1000
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1000
taataataaa gtgtccttca 20

<210> 1001
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1001
aaaaaagtgg ttgcagaaca 20

<210> 1002
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1002
aatggagttt tggtggtgta 20

<210> 1003
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1003
ttaaagtagt cagagttact 20

<210> 1004
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1004
ggtctaattt taaaatgctt 20

<210> 1005
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1005
taaatgagaa aagcataaca 20

<210> 1006
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1006

aattagggtc tagttggctg 20

<210> 1007
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1007
gggagcgagg gcttaatgtt 20

<210> 1008
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1008
tgtctttcgc ttagcatatg 20

<210> 1009
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1009
ttggagcaaa gattcgaagg 20

<210> 1010
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1010
ttaacacaat tagctgagcg 20

<210> 1011
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1011
ttgtacgaaa taaatttctg 20

<210> 1012
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1012
gaaagcaggc ctctcttcct 20

<210> 1013
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1013
catgagatgc atccaccctg 20

<210> 1014
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1014
tcagcactgt ggaagaaaca 20

<210> 1015
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1015
cttcttcgca tcgcgggggt 20

<210> 1016
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1016
aaccagtgga acaagggccc 20

<210> 1017
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1017
cttccctccg ggtatagggc 20

<210> 1018
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1018
atccctgact atctgctagg 20

<210> 1019
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1019
tcggcttcat ctgtttccat 20

<210> 1020
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1020
aggcaaagaa attctatgga 20

<210> 1021
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1021
cctggtggcc ataggatggt 20

<210> 1022
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1022
cagcgcgtgg tccctgcctc 20

<210> 1023
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1023
tgggggtgga gcccgaggca 20

<210> 1024
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1024
gagaaacctt gggccgggca 20

<210> 1025

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1025
ctgactactt taagatgctt 20

<210> 1026
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1026
gatggatggc gaagccactc 20

<210> 1027
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1027
gctttggtgg taaaaaatac 20

<210> 1028
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1028
cccaaggtat atttctaagt 20

<210> 1029
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1029
ggctagtgtg tgtgttgggt 20

<210> 1030
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1030
cctcagcctc ccatggtagc 20

<210> 1031
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1031
gcagcgcgtg gtccctgcct 20

<210> 1032
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1032
tattagattc cagtggtact 20

<210> 1033
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1033
gaaaacctag tttagtctct 20

<210> 1034
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1034
ctggagtcgg gcttggtagg 20

<210> 1035
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1035
attaattaaa attggccggg 20

<210> 1036
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1036
agattcattc attcattcct 20

<210> 1037
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1037
ttcacttagg cgttggatga 20

<210> 1038
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1038
tttgaggcaa agaaattcta 20

<210> 1039
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1039
gagacagtct ggcacatttg 20

<210> 1040
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1040
ctcagcctcc catggtagct 20

<210> 1041
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1041
ctcccttgca tgccctgaga 20

<210> 1042
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1042
ttaattaaaa ttggccgggc 20

<210> 1043
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1043
tagtcatgac tagtcccatg 20

<210> 1044
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1044
tagtcacatt tctcagtatt 20

<210> 1045
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1045
tgaggagaca ctgccactga 20

<210> 1046
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1046
ctgagcaaac ctagagtcca 20

<210> 1047
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1047
agcttcagga gggaggggc 20

<210> 1048
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1048
aacgtttcta tcatcgcaga 20

<210> 1049
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1049
tgtatgacgg cggggcgcgg 20

<210> 1050
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1050
tgggccagag ggatgctcca 20

<210> 1051
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1051
attagggtct agttggctgg 20

<210> 1052
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1052
agaaaaatga caggaaatga 20

<210> 1053
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1053
gtgtgatatt ccttccctcc 20

<210> 1054
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1054
ttgtgtatga cggcggggcg 20

<210> 1055
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1055
ccaatctttg tgcatggctg 20

<210> 1056
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1056
tgcaaaggaa atcagcaatt 20

<210> 1057
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1057
agaaagcccc tggtggccat 20

<210> 1058
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1058
gctattaaaa aggatgaggt 20

<210> 1059
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1059
tatggccagc ttcaggaggg 20

<210> 1060
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1060
ttatcagtca ttttttgtat 20

<210> 1061
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1061

ccataggatg gtagggattt 20

<210> 1062
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1062
ccactgaagg acagaagcag 20

<210> 1063
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1063
agggtttcct cacagcagag 20

<210> 1064
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1064
gccagctcga tttcaacact 20

<210> 1065
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1065
aagttccaca aagcctcaca 20

<210> 1066
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1066
attatcagtc atttttgta 20

<210> 1067
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1067
ctatctccat gacccttga 20

<210> 1068
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1068
gactacttta agatgctttg 20

<210> 1069
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1069
gactggtcct tttgggctta 20

<210> 1070
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1070
atgtggtagt agtaagatgt 20

<210> 1071
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1071
tacatggcct ttgagccaag 20

<210> 1072
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1072
catcaaccgg cggaacgagg 20

<210> 1073
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1073
ggactggtcc ttttgggctt 20

<210> 1074
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1074
tggtgtatct gcttcagcat 20

<210> 1075
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1075
aaatattggg tgtggtggca 20

<210> 1076
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1076
gaaacataaa tcccgagagg 20

<210> 1077
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1077
ctacctcctg cccacctctc 20

<210> 1078
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1078
agatgtcgag aggagcacat 20

<210> 1079
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1079
ctctgtaaca cacgcctgct 20

<210> 1080

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1080
ctgggccaga gggatgctcc 20

<210> 1081
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1081
aaaataggtt taaaaatatt 20

<210> 1082
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1082
aaaccttggg ccgggcatgg 20

<210> 1083
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1083
cagagcaaat ggtgagctga 20

<210> 1084
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1084
accttcattg ctacttgaga 20

<210> 1085
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1085
ctagtttagt ctcttggatt 20

<210> 1086
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1086
agtctggcac atttgtggct 20

<210> 1087
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1087
acatatgagc atttccagtt 20

<210> 1088
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1088
ccctacttag aaatatacct 20

<210> 1089
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1089
atatggtacc tcagaacccc 20

<210> 1090
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1090
gaaaccttg ttgtcacagc 20

<210> 1091
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1091
tggtggaagc taaaggaaga 20

<210> 1092
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1092
catatgagca tttccagttt 20

<210> 1093
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1093
tcgcccctag acactgccgt 20

<210> 1094
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1094
catccctgac tatctgctag 20

<210> 1095
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1095
gcaaaggaaa tcagcaatta 20

<210> 1096
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1096
ccagagcaaa tggtgagctg 20

<210> 1097
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1097
tttgttttgt tcaaaatgtc 20

<210> 1098
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1098
gtgtcctgcc ctatacccgg 20

<210> 1099
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1099
gtagacagcc tggggttctg 20

<210> 1100
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1100
taattttatg cttttcttct 20

<210> 1101
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1101
ccccagtgtt gaaatcgagc 20

<210> 1102
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1102
tggggtttgc agaatgacct 20

<210> 1103
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1103
cctaaatccc taccatccta 20

<210> 1104
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1104
caaacccacg gcagtgtcta 20

<210> 1105
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1105
cagtggaagt gttaagtggc 20

<210> 1106
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1106
gtgatgataa aggctttgtg 20

<210> 1107
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1107
tatgggtttc tataatctgt 20

<210> 1108
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1108
actgctgtgg agaaaacaca 20

<210> 1109
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1109
ccccatctca gggcatgcaa 20

<210> 1110
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1110
aatgtggtag tagtaagatg 20

<210> 1111
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1111
tattatttca aagattgaga 20

<210> 1112
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1112
atattatttc aaagattgag 20

<210> 1113
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1113
aaacccacgg cagtgtctag 20

<210> 1114
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1114
agggatgctc caggggacag 20

<210> 1115
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1115
cagaggtggg actcagcccc 20

<210> 1116
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1116

agcaacatat gacacagttc 20

<210> 1117
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1117
agtgaggctt ccatttcaga 20

<210> 1118
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1118
ttcagggaag aagaggtgaa 20

<210> 1119
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1119
tttcaggaga gaaagggtca 20

<210> 1120
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1120
tccccatctc agggcatgca 20

<210> 1121
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1121
agcccctggt ggccatagga 20

<210> 1122
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1122
gaatcgtctg attgctggag 20

<210> 1123
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1123
aagacatagg aagccaggtg 20

<210> 1124
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1124
gcctctcttc cttggactct 20

<210> 1125
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1125
ggagcgaggg cttaatgttt 20

<210> 1126
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1126
acattgcata aatctaagat 20

<210> 1127
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1127
gggagcccag acaggctgga 20

<210> 1128
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1128
aaacataaat cccgagaggt 20

<210> 1129
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1129
tctacctcct gcccacctct 20

<210> 1130
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1130
ggccatcaac cggcggaacg 20

<210> 1131
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1131
aggcgttgag aggagtgcgc 20

<210> 1132
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1132
tgtcctgccc tatacccgga 20

<210> 1133
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1133
atgctttggt aaacatttct 20

<210> 1134
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1134
gtgggccatg tgaggctttg 20

<210> 1135

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1135
ggcgggataa tcacttgagc 20

<210> 1136
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1136
ctggtgacaa tataattcca 20

<210> 1137
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1137
ggccagcttc aggagggagg 20

<210> 1138
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1138
taggactggg ccttctgaaa 20

<210> 1139
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1139
tcccttgcat gccctgagat 20

<210> 1140
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1140
gtcccttgt ccccatctca 20

<210> 1141
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1141
tgtgtgatat tccttccctc 20

<210> 1142
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1142
ctgccctata cccggaggga 20

<210> 1143
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1143
cttaaaatcc aacagaaaac 20

<210> 1144
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1144
acataggaag ccaggtgcgg 20

<210> 1145
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1145
gtggcagtgg aagtgttaag 20

<210> 1146
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1146
cccttgcatg ccctgagatg 20

<210> 1147
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1147
ggtccccttg tccccatctc 20

<210> 1148
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1148
ataaatcccg agaggtgggc 20

<210> 1149
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1149
tatgagcatt tccagtttgg 20

<210> 1150
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1150
tatttgtaat acccccaaac 20

<210> 1151
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1151
gcccaggaga gacagcagtg 20

<210> 1152
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1152
tcacttttta aatagcaaag 20

<210> 1153
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1153
tctgtgctct gcaaatgacc 20

<210> 1154
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1154
aggtcattct gcaaacccca 20

<210> 1155
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1155
taggtttgtc tataatgtac 20

<210> 1156
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1156
accttctcaa gtagcaatga 20

<210> 1157
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1157
gtatgggttt ctataatctg 20

<210> 1158
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1158
taccaatctt tgtgcatggc 20

<210> 1159
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1159
gacgtgcaga aggcgttgag 20

<210> 1160
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1160
ctcacttatc tcaaggttca 20

<210> 1161
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1161
ttcaggagag aaagggtcaa 20

<210> 1162
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1162
taggacttct tcgcatcgcg 20

<210> 1163
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1163
ctgctcttcg tggacatttc 20

<210> 1164
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1164
agaaatagag aaaagaggcc 20

<210> 1165
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1165
actggttact cacccgctat 20

<210> 1166
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1166
aggacttctt cgcatcgcgg 20

<210> 1167
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1167
caacacgaat ctgaacaaac 20

<210> 1168
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1168
agaagtgata tgcttcaatt 20

<210> 1169
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1169
gataatcact tgagctgggg 20

<210> 1170
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1170
atatgagcat ttccagtttg 20

<210> 1171
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1171

cgggataatc acttgagctg 20

<210> 1172
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1172
cgggagaatc gtctgattgc 20

<210> 1173
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1173
tcaccaaagg agaagcaaca 20

<210> 1174
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1174
ggggaggagg atgatctgtt 20

<210> 1175
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1175
cgttggatga aggttcattt 20

<210> 1176
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1176
aggtcaattc tgcccatagc 20

<210> 1177
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1177
atggccagct tcaggaggga 20

<210> 1178
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1178
aaatttattt cgtacaatac 20

<210> 1179
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1179
gaagagcgca cgatagacgc 20

<210> 1180
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1180
ccactgcttc tgtccttcag 20

<210> 1181
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1181
caaagaaatt ctatggacgg 20

<210> 1182
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1182
aaggatgagg tcgggtgcag 20

<210> 1183
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1183
gatcaaaggg tatgatctaa 20

<210> 1184
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1184
ttttgtgtcc actgtaggct 20

<210> 1185
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1185
agggaaggaa tatcacacag 20

<210> 1186
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1186
ctaggacttc ttcgcatcgc 20

<210> 1187
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1187
accaatcttt gtgcatggct 20

<210> 1188
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1188
ttggcgacaa catattgtaa 20

<210> 1189
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1189
tggccagctt caggagggag 20

<210> 1190

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1190
gggaggagga tgatctgttt 20

<210> 1191
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1191
tagggaagcc ctcactgaga 20

<210> 1192
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1192
aaggtcaatt ctgcccatag 20

<210> 1193
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1193
atctaattgt ggcacagtga 20

<210> 1194
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1194
tactggaggg gggcagcgcg 20

<210> 1195
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1195
catctaattg tggcacagtg 20

<210> 1196
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1196
gctctgaagc acttgaaatg 20

<210> 1197
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1197
ctatgtctta taattgagtc 20

<210> 1198
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1198
tttatttcgt acaatactgg 20

<210> 1199
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1199
aatcccgaga ggtgggcagg 20

<210> 1200
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1200
gtatagcgcc aagcctacag 20

<210> 1201
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1201
aaccggaatg ctattgacgg 20

<210> 1202
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1202
ttgttttgtt caaaatgtct 20

<210> 1203
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1203
tctaggactt cttcgcatcg 20

<210> 1204
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1204
cctagtttag tctcttggat 20

<210> 1205
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1205
tttaaattcc aataccacat 20

<210> 1206
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1206
agcatccttt gaactttaga 20

<210> 1207
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1207
gcgggataat cacttgagct 20

<210> 1208
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1208
actctgtaac acacgcctgc 20

<210> 1209
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1209
aagcgttttg cgcaggagag 20

<210> 1210
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1210
agagctttgg ccgaggacga 20

<210> 1211
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1211
agagacagaa agtcgatccg 20

<210> 1212
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1212
ctattaaaaa ggatgaggtc 20

<210> 1213
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1213
tgaaggacag aagcagtgga 20

<210> 1214
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1214
ctgaaggaca gaagcagtgg 20

<210> 1215
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1215
taccttattt cactgtaatg 20

<210> 1216
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1216
aattagacct gcccagttag 20

<210> 1217
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1217
ctgatatcca ctaactgggc 20

<210> 1218
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1218
attgctgata tccactaact 20

<210> 1219
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1219
caggctgtca ggaggcatga 20

<210> 1220
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1220
aaatatctta cttcattact 20

<210> 1221
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1221
ttttctggta tgatactatt 20

<210> 1222
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1222
ctggtatgat actattaggt 20

<210> 1223
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1223
atctcttgat gaacagctac 20

<210> 1224
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1224
gatgaacagc tacaggcctg 20

<210> 1225
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1225
acagctacag gcctgaggtt 20

<210> 1226
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1226

ctacatgaac tcctaacctc 20

<210> 1227
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1227
gtccttcagc ctcaacttat 20

<210> 1228
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1228
cacctataag ttgaggctga 20

<210> 1229
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1229
acacagtcac ctataagttg 20

<210> 1230
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1230
tcgttaactc cgcagagcac 20

<210> 1231
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1231
cgttaactcc gcagagcaca 20

<210> 1232
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1232
ggatggtgcc ctgtgctctg 20

<210> 1233
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1233
ctatccccag cacctaaagc 20

<210> 1234
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1234
tatccccagc acctaaagct 20

<210> 1235
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1235
ggtagggatt taggaaaaag 20

<210> 1236
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1236
agggatttag gaaaaagagg 20

<210> 1237
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1237
tttaggaaaa agaggaggct 20

<210> 1238
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1238
aggaaaaaga ggaggcttgg 20

<210> 1239
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1239
gatcatctag cacatgtttt 20

<210> 1240
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1240
ctagcacatg tttttggttt 20

<210> 1241
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1241
tatctggtgg gtagctactt 20

<210> 1242
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1242
ggtgggtagc tacttaggag 20

<210> 1243
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1243
cctgcttcct gcttcatccc 20

<210> 1244
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1244
gaaggtgcca gggatgaagc 20

<210> 1245

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1245
ttgccccttc cgccatggga 20

<210> 1246
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1246
cttgcccctt ccgccatggg 20

<210> 1247
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1247
tagcttgccc cttccgccat 20

<210> 1248
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1248
ctagcttgcc ccttccgcca 20

<210> 1249
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1249
actaacattc acatcatagc 20

<210> 1250
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1250
ctaacattca catcatagca 20

<210> 1251
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1251
tcacatcata gcagggactc 20

<210> 1252
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1252
catcatagca gggactctgg 20

<210> 1253
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1253
gggagcgcca tctttgtagc 20

<210> 1254
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1254
tcaagtagca atgaaggtta 20

<210> 1255
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1255
ctcaagtagc aatgaaggtt 20

<210> 1256
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1256
ggaagacctg tgcatttttg 20

<210> 1257
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1257
aactgtccac aaaaatgcac 20

<210> 1258
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1258
atttattttt agcagagaca 20

<210> 1259
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1259
ggttggtgca agagtaactg 20

<210> 1260
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1260
atatcggctc actgcaaccc 20

<210> 1261
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1261
agccagcatc ttctctccct 20

<210> 1262
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1262
cacctgtgat ccgagctact 20

<210> 1263
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1263
tactcggggg aggctgaagc 20

<210> 1264
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1264
gaacgaggtg gagtttggcc 20

<210> 1265
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1265
gcatcactgc acctcagtct 20

<210> 1266
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1266
tgggttttgc catattgctc 20

<210> 1267
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1267
ctacttagga gtggaattgc 20

<210> 1268
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1268
ttcagcctcc cccgagtagc 20

<210> 1269
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1269
cacttccact gccaccaccc 20

<210> 1270
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1270
tgcatcactg cacctcagtc 20

<210> 1271
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1271
tccacagcct tgtcaacact 20

<210> 1272
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1272
ctctggggga gcatacagac 20

<210> 1273
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1273
tcccccagag gtttgagcag 20

<210> 1274
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1274
agggagagaa gatgctggct 20

<210> 1275
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1275
tcttagccta ggaagattca 20

<210> 1276
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1276
gtatctcagg gttcttgcct 20

<210> 1277
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1277
ctcaagtggt ttgcccgcct 20

<210> 1278
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1278
caaaaccagc ctgagcaata 20

<210> 1279
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1279
tgaggcgggt ctatcacctg 20

<210> 1280
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1280
tgcccagggg ctgggggagg 20

<210> 1281
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1281

cagccatgag ccactgcgtc 20

<210> 1282
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1282
taagatgtgg ggcctttggg 20

<210> 1283
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1283
caaaaagtat ctgggcatga 20

<210> 1284
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1284
ttaaattaat taaaattggc 20

<210> 1285
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1285
tggaagtgag cagagagaga 20

<210> 1286
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1286
ccgtctgtat gctcccccag 20

<210> 1287
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1287
cagcatttgg gcacgaaggc 20

<210> 1288
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1288
catgccctga gatggggaca 20

<210> 1289
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1289
acttccactg ccaccaccct 20

<210> 1290
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1290
tttacagctg aggccccagc 20

<210> 1291
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1291
atgccctgag atggggacaa 20

<210> 1292
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1292
ttgaatgaat gaatgctttg 20

<210> 1293
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1293
aatgcagcat ttgggcacga 20

<210> 1294
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1294
taaaattaca aaaatgatcc 20

<210> 1295
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1295
ggaaggagct ctcagcagat 20

<210> 1296
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1296
aagtatctgg gcatgatggc 20

<210> 1297
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1297
tgccccgctg ctcaaacctc 20

<210> 1298
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1298
tgcagctatt aaaaaggatg 20

<210> 1299
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1299
acgccactgt actcccagcc 20

<210> 1300

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1300
tattgtattt cttgtagaga 20

<210> 1301
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1301
tgagtctcgc tcagtcaccc 20

<210> 1302
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1302
ttggcggaag aagacacaag 20

<210> 1303
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1303
ccgagctact tggaagactg 20

<210> 1304
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1304
aaggagctct cagcagatag 20

<210> 1305
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1305
tgaagcactt gaaatgtggc 20

<210> 1306
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1306
gaaggagctc tcagcagata 20

<210> 1307
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1307
ggagggaagg aatatcacac 20

<210> 1308
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1308
gagggaagga atatcacaca 20

<210> 1309
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1309
tggccggacg cagtggctca 20

<210> 1310
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1310
cgggtctatc acctgaggtc 20

<210> 1311
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1311
tggctgtaat tctaacactt 20

<210> 1312
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1312
ggctgtaatt ctaacacttt 20

<210> 1313
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1313
ggcttgagcc ctggagttca 20

<210> 1314
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1314
cctctggggg agcatacaga 20

<210> 1315
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1315
gggggagcat acagacgggc 20

<210> 1316
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1316
agggtctcgc catgctgccc 20

<210> 1317
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1317
atgagccact gcgtccggcc 20

<210> 1318
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1318
gaggagaatc gattgaaccc 20

<210> 1319
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1319
caaggcagga gtatcacctg 20

<210> 1320
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1320
acaaaagggg ccgggcgcgg 20

<210> 1321
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1321
aaaaaggatg agttcatgta 20

<210> 1322
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1322
ctgtcgtggg gtgggggagc 20

<210> 1323
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1323
cgccactgta ctcccagcct 20

<210> 1324
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1324
tgcccaggct gggagtacag 20

<210> 1325
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1325
caaaaataca aaaagtatct 20

<210> 1326
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1326
acaaaaatac aaaaagtatc 20

<210> 1327
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1327
cgggcaaacc acttgaggtc 20

<210> 1328
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1328
ttgtatcttt agtagagcca 20

<210> 1329
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1329
aataaattag ccggatgtgg 20

<210> 1330
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1330
gagacagggt ttcagcatgc 20

<210> 1331
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1331
cccccagagg tttgagcagc 20

<210> 1332
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1332
aaaaaaggat gagttcatgt 20

<210> 1333
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1333
agcaccactg cactccagtg 20

<210> 1334
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1334
caggtgtcct gccctatacc 20

<210> 1335
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1335
gcttgtagtc ccagctacca 20

<210> 1336
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1336

gatgagttca tgtagggaca 20

<210> 1337
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1337
ccatgggagg ctgaggtgag 20

<210> 1338
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1338
tatttatttt tagcagagac 20

<210> 1339
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1339
tttgtatctt tagtagagcc 20

<210> 1340
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1340
agacggggtt tcaccaggtt 20

<210> 1341
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1341
gggcttgcag aatgagtgca 20

<210> 1342
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1342
ggcctgcttc agggaagaag 20

<210> 1343
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1343
agggtttcag catgctggcc 20

<210> 1344
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1344
tgagaccagc ctgcccaacc 20

<210> 1345
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1345
caggcatgag ctaccccgcc 20

<210> 1346
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1346
aaaaaaaaaa aaacaagtct 20

<210> 1347
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1347
ataaaatacc ataaactagg 20

<210> 1348
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1348
gccggtaatc ccagttactc 20

<210> 1349
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1349
tgttaatttt tttgtagaga 20

<210> 1350
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1350
ctcaaacttc tgagctcaag 20

<210> 1351
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1351
atactatgca gctattaaaa 20

<210> 1352
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1352
agaaaagagg ccaggtgcag 20

<210> 1353
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1353
gttaattttt ttgtagagac 20

<210> 1354
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1354
cttcaggagg ccaaggccag 20

<210> 1355

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1355
caaaaatgat ccgggcgtgg 20

<210> 1356
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1356
gcacaggatg ggggcgtggt 20

<210> 1357
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1357
ggtctggaac tctcgacctc 20

<210> 1358
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1358
tgccaaatag ttttccaaag 20

<210> 1359
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1359
cctgtcacat gagggtcttc 20

<210> 1360
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1360
cctctaatcc cagctactcg 20

<210> 1361
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1361
ggctgggaag tccacgatca 20

<210> 1362
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1362
cctgaagacc ctcatgtgac 20

<210> 1363
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1363
cggaagaaga cacaagtggc 20

<210> 1364
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1364
gcaggacacc tgtcacatga 20

<210> 1365
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1365
tgtcacatga gggtcttcag 20

<210> 1366
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1366
cagcagatag gggagccaga 20

<210> 1367
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1367
gggttttcac catgtttccc 20

<210> 1368
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1368
ccccgagtag ctgggattag 20

<210> 1369
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1369
cacttgagct ggggaggcgg 20

<210> 1370
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1370
atcaaggtgc cagcagattt 20

<210> 1371
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1371
ctgtcacatg agggtcttca 20

<210> 1372
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1372
gtccgtgggc acaggcctgg 20

<210> 1373
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1373
ggcaggacac ctgtcacatg 20

<210> 1374
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1374
agcagatagg ggagccagaa 20

<210> 1375
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1375
cgcttgtgtg tctgcctgct 20

<210> 1376
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1376
ccggcatgcg ccaccatgcc 20

<210> 1377
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1377
ccagaccagc ctggccaagg 20

<210> 1378
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1378
cgtgggcaca ggcctggggg 20

<210> 1379
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1379
agaaaactgc agaagcagga 20

<210> 1380
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1380
ctctaatccc agctactcgg 20

<210> 1381
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1381
ggatgggggc gtggtgggcc 20

<210> 1382
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1382
ctcaggtgat actcctgcct 20

<210> 1383
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1383
ccaccttggc caggctggtc 20

<210> 1384
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1384
gtcttgggaa atgcagcatt 20

<210> 1385
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1385
ccaggcatgg tggcgcatgc 20

<210> 1386
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1386
cggaagaatc agatcacacg 20

<210> 1387
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1387
ggggtttcac caggttgggc 20

<210> 1388
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1388
tcactgatgg acgtttgggt 20

<210> 1389
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1389
aacgtccatc agtgatagac 20

<210> 1390
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1390
tctatcactg atggacgttt 20

<210> 1391
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1391

gatgggggcg tggtgggcca 20

<210> 1392
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1392
gcgaggaaca tcacacactg 20

<210> 1393
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1393
aatcacttga gctggggagg 20

<210> 1394
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1394
caggagtatc acctgaggtc 20

<210> 1395
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1395
gtggggtggg ggagcgggga 20

<210> 1396
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1396
tttcaccagg ttgggcaggc 20

<210> 1397
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1397
tcttgggaaa tgcagcattt 20

<210> 1398
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1398
gttccagacc agcctggcca 20

<210> 1399
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1399
tctcgccatg ctgcccaggc 20

<210> 1400
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1400
tttcagcatg ctggccaggc 20

<210> 1401
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1401
gggggcgtgg tgggccaggg 20

<210> 1402
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1402
gtctatcact gatggacgtt 20

<210> 1403
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1403
taacacaagc cgcctacaga 20

<210> 1404
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1404
aatagctgca tagtattcca 20

<210> 1405
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1405
tcctgcctca ggctcccgag 20

<210> 1406
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1406
ctagcaggca gacacacaag 20

<210> 1407
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1407
gccactcggg agcctgaggc 20

<210> 1408
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1408
aggtccgtgg gcacaggcct 20

<210> 1409
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1409
gcctcaggct cccgagtggc 20

<210> 1410

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1410
cccagccact cgggagcctg 20

<210> 1411
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1411
tgtagagacg gggtttcacc 20

<210> 1412
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1412
actgccactg tactccagcc 20

<210> 1413
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1413
tctcaaactt ctgagctcaa 20

<210> 1414
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1414
gtctcaaact tctgagctca 20

<210> 1415
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1415
cctcaggctc ccgagtggct 20

<210> 1416
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1416
aggcctgtgc ccacggacct 20

<210> 1417
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1417
acctgtaatc ccagccacct 20

<210> 1418
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1418
agagtctcgc tgtgttgctc 20

<210> 1419
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1419
taggtccgtg ggcacaggcc 20

<210> 1420
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1420
caccccagg cctgtgccca 20

<210> 1421
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1421
tcagcctccc ccgagtagct 20

<210> 1422
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1422
ggcacaggat gggggcgtgg 20

<210> 1423
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1423
gcttgtgtgt ctgcctgcta 20

<210> 1424
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1424
cctctcacct cagcctccca 20

<210> 1425
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1425
ataataaaat accataaact 20

<210> 1426
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1426
cacctgtaat cccagccacc 20

<210> 1427
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1427
cgtctgtaat cccagccact 20

<210> 1428
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1428
aggagaatca cttgaaaccc 20

<210> 1429
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1429
taatcccagc tactcggggg 20

<210> 1430
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1430
gggattacag ccaccatgcc 20

<210> 1431
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1431
ctggaactcc tgacctcaag 20

<210> 1432
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1432
tacttaggag tggaattgct 20

<210> 1433
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1433
ggtccgtggg cacaggcctg 20

<210> 1434
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1434
gagccaccat gcccggccca 20

<210> 1435
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1435
cttactcttg tcgcccaggc 20

<210> 1436
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1436
cctgtcgtgg ggtgggggag 20

<210> 1437
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1437
aggaggtcga ggctgcagtg 20

<210> 1438
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1438
ggaagaatca gatcacacgt 20

<210> 1439
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1439
atacagacgg gcaggctgtg 20

<210> 1440
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1440
gagtggaatt gctgggtcat 20

<210> 1441
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1441
gcctgtcatc ccagctacta 20

<210> 1442
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1442
tttataagcc acctagttta 20

<210> 1443
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1443
gcatacagac gggcaggctg 20

<210> 1444
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1444
tggtgggcca gggtggtctt 20

<210> 1445
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1445
tcactctgtc acccagactg 20

<210> 1446
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1446

catacagacg ggcaggctgt 20

<210> 1447
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1447
aactgaacaa tgaaaacact 20

<210> 1448
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1448
cttactctgt tgcccaggct 20

<210> 1449
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1449
ggttttgaac tcctgacctt 20

<210> 1450
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1450
gtggtgggcc agggtggtct 20

<210> 1451
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1451
caggtgtgca ccaccatggc 20

<210> 1452
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1452
tccctagtag ctgggatgac 20

<210> 1453
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1453
ttttgccata ttgctcaggc 20

<210> 1454
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1454
acttggaaga ctgaggtggg 20

<210> 1455
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1455
ctcagcactt tgggagggcg 20

<210> 1456
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1456
gtgtctgcct gctagggtct 20

<210> 1457
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1457
tgtcatccca gctactaggg 20

<210> 1458
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1458
tgtgcccacg gacctaggtg 20

<210> 1459
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1459
gctacttgga agactgaggt 20

<210> 1460
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1460
gccccgctgc tcaaacctct 20

<210> 1461
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1461
tctaacactt tgggaggctg 20

<210> 1462
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1462
tcacctaggt ccgtgggcac 20

<210> 1463
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1463
tcccaggtgg ctgggattac 20

<210> 1464
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1464
agctacttgg aagactgagg 20

<210> 1465

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1465
caggccgatc acttgaggtc 20

<210> 1466
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1466
cagacgtgtg ccaccacgcc 20

<210> 1467
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1467
gtctcaaatt cctgggctca 20

<210> 1468
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1468
actacaggtg tgcaccacca 20

<210> 1469
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1469
gagacagggt ttcaccacct 20

<210> 1470
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1470
tgtaatccca gccacctggg 20

<210> 1471
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1471
gactgtaatc ccagcacttc 20

<210> 1472
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1472
ctcaagcaat cctctggcct 20

<210> 1473
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1473
tctcaaattc ctgggctcaa 20

<210> 1474
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1474
agggtttcac caccttggcc 20

<210> 1475
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1475
caggcgtgag cccctgcacc 20

<210> 1476
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1476
ttgctcaggg tggagtgcag 20

<210> 1477
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1477
ataggcacag gatgggggcg 20

<210> 1478
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1478
cactgcagcc ttgaactcca 20

<210> 1479
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1479
gctactaggg aggctgaggg 20

<210> 1480
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1480
caggcacgca ccaccacatc 20

<210> 1481
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1481
gccacctggg aggctgaggc 20

<210> 1482
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1482
gaagactgct tgagcccagg 20

<210> 1483
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1483
tcctgcctca gcctcccagg 20

<210> 1484
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1484
taaataaata aaaattagcc 20

<210> 1485
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1485
ttaatttttt tgtagagacg 20

<210> 1486
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1486
gcctcagcct cccaggtggc 20

<210> 1487
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1487
ccctcagcct ccctagtagc 20

<210> 1488
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1488
aaaaaaaaaa aaaaagacat 20

<210> 1489
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1489
aaaaaaaaag ccaggcacag 20

<210> 1490
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1490
cctgtcctca cctaggtccg 20

<210> 1491
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1491
aacccgggag atggaggttg 20

<210> 1492
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1492
gtctgtaatc ccagccactc 20

<210> 1493
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1493
gggtttcaac atatgaattt 20

<210> 1494
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1494
ctgtcctcac ctaggtccgt 20

<210> 1495
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1495
ccacggacct aggtgaggac 20

<210> 1496
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1496
tcttgctctg tcacccacac 20

<210> 1497
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1497
tcttaagtag ctgggactac 20

<210> 1498
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1498
tcaccacaac ctccatctcc 20

<210> 1499
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1499
ccagctacta gggaggctga 20

<210> 1500
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1500
aggagtgcct gtcctcacct 20

<210> 1501
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1501

caccacaacc tccatctccc 20

<210> 1502
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1502
gttactcagg aagctgaggc 20

<210> 1503
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1503
tgtagtccca gctacttaag 20

<210> 1504
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1504
ccagaggatt gcttgagccc 20

<210> 1505
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1505
ggcttgagcc tgggaggttg 20

<210> 1506
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1506
gatcaaggtg ccagcagatt 20

<210> 1507
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1507
cctcagcctc ccaggtggct 20

<210> 1508
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1508
gggaggctga ggtgagagga 20

<210> 1509
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1509
cccagccacc tgggaggctg 20

<210> 1510
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1510
acaggtgcag cacaccaaca 20

<210> 1511
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1511
gcaccactgc actccagtgt 20

<210> 1512
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1512
gcctcagctt cctgagtaac 20

<210> 1513
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1513
tgagaggatg gcttgagccc 20

<210> 1514
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1514
tgtaattcta acactttggg 20

<210> 1515
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1515
cctgggctca agcaatcctc 20

<210> 1516
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1516
gagccagggt ttcaccatgt 20

<210> 1517
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1517
gagaatcgat tgaacccagg 20

<210> 1518
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1518
ggtttcaaca tatgaatttt 20

<210> 1519
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1519
ggagtgcagt ggtgcaatat 20

<210> 1520

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1520
atacaaaaat tagccggcca 20

<210> 1521
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1521
cccagttact caggaagctg 20

<210> 1522
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1522
caaaaattag ccggccatgg 20

<210> 1523
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1523
aaataaaaat tagccaggtg 20

<210> 1524
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1524
caggtgcata ccaccacacc 20

<210> 1525
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1525
gcactttggg aagctgagac 20

<210> 1526
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1526
cctcagcttc ctgagtaact 20

<210> 1527
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1527
ctttgggagg gcgaggtggg 20

<210> 1528
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1528
gctacttaag aggctgaggc 20

<210> 1529
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1529
tgggaagact gcttgagccc 20

<210> 1530
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1530
gtttcaacat atgaattttg 20

<210> 1531
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1531
gcctcagcct cttaagtagc 20

<210> 1532
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1532
caaggcaggt ggatcaccta 20

<210> 1533
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1533
ttcaacatat gaattttggg 20

<210> 1534
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1534
ctgccactgt actccagcct 20

<210> 1535
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1535
ttgtgttttt tgtagagaca 20

<210> 1536
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1536
tttcaccacc ttggccaggc 20

<210> 1537
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1537
tctcgctcag tcacccaggc 20

<210> 1538
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1538
tgcatttccc aagaccaccc 20

<210> 1539
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1539
tctttctttc ttttttgaga 20

<210> 1540
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1540
cctcagtctt ccaagtagct 20

<210> 1541
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1541
ctttgggagg acaaggcagg 20

<210> 1542
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1542
gagtgcaagg ttttattgag 20

<210> 1543
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1543
gtaatctcag cactttggga 20

<210> 1544
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1544
caaacattag ccaggcatgg 20

<210> 1545
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1545
tgagaccagc ctgggcagca 20

<210> 1546
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1546
atacaaacat tagccaggca 20

<210> 1547
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1547
tattattatt attttgagac 20

<210> 1548
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1548
cccagctact taagaggctg 20

<210> 1549
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1549
tcacccacac tggagtgcag 20

<210> 1550
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1550
gcactttggg agggcgaggt 20

<210> 1551
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1551
gagacagggt tttgctatgt 20

<210> 1552
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1552
cctcagcctc ttaagtagct 20

<210> 1553
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1553
agggttttgc tatgttggcc 20

<210> 1554
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1554
tttgtgtttt ttgtagagac 20

<210> 1555
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1555
tttcaacata tgaattttgg 20

<210> 1556
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1556

ggggcctttg ggaggtgatt 20

<210> 1557
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1557
agtggaattg ctgggtcata 20

<210> 1558
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1558
cactgtagcc tcaacctccc 20

<210> 1559
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1559
caaaaaacac aaaaattagc 20

<210> 1560
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1560
ggagtacaat ggcgcgatct 20

<210> 1561
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1561
ttttttttt cttttgagac 20

<210> 1562
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1562
tggccaacat ggtgaaaccc 20

<210> 1563
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1563
cgcttgaacc cggaaggcag 20

<210> 1564
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1564
gagacggggt ttcaccaggt 20

<210> 1565
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1565
tggggcctgt cgtggggtgg 20

<210> 1566
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1566
tctcagcttc ccaaagtgct 20

<210> 1567
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1567
ctggggcctg tcgtggggtg 20

<210> 1568
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1568
cgtttgaacc tgggaggcgg 20

<210> 1569
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1569
cactggggcc tgtcgtgggg 20

<210> 1570
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1570
aactcctgac ctcaagtgat 20

<210> 1571
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1571
caggctggtc ttgagctcct 20

<210> 1572
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1572
cgcgccattg tactccagcc 20

<210> 1573
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1573
cgcttgaacc cgggagatgg 20

<210> 1574
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1574
agagtcttac tctgtcgccc 20

<210> 1575

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1575
aagaggctga ggcaggagaa 20

<210> 1576
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1576
aaaaaacaca aaaattagct 20

<210> 1577
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1577
actggggcct gtcgtggggt 20

<210> 1578
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1578
gcactttggg aggacaaggc 20

<210> 1579
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1579
gccttggcct cctgaagtgc 20

<210> 1580
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1580
gccttgtcct cccaaagtgc 20

<210> 1581
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1581
agcactttgg gagggcgagg 20

<210> 1582
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1582
acacactggg gcctgtcgtg 20

<210> 1583
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1583
tggctgtaat cccagctact 20

<210> 1584
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1584
caggagaatc acttgaaacc 20

<210> 1585
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1585
tgcctgtcat cccagctact 20

<210> 1586
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1586
cacacactgg ggcctgtcgt 20

<210> 1587
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1587
caggtggatc acctaaggtc 20

<210> 1588
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1588
tgttgttgtt gtttttgaga 20

<210> 1589
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1589
tgcctctaat cccagctact 20

<210> 1590
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1590
ggagtgcagt ggagcgatct 20

<210> 1591
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1591
cccagcactt caggaggcca 20

<210> 1592
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1592
ggctgtaatc ccagctactc 20

<210> 1593
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1593
tgcttgagcc caggaggtcg 20

<210> 1594
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1594
tttgtatttt tgtagagacg 20

<210> 1595
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1595
ggagtcttac tctgttgccc 20

<210> 1596
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1596
ccttggcctc ctgaagtgct 20

<210> 1597
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1597
caggagctca agaccagcct 20

<210> 1598
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1598
ccaggctggt cttgagctcc 20

<210> 1599
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1599
ccaggagctc aagaccagcc 20

<210> 1600
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1600
gaatttcact cttgttgccc 20

<210> 1601
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1601
cgatagtttg ctcagaatga 20

<210> 1602
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1602
cccagcactt tgggaggaca 20

<210> 1603
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1603
attctgagca aactatcgca 20

<210> 1604
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1604
ctaaagatac aaaaattagc 20

<210> 1605
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1605
ccttgtcctc ccaaagtgct 20

<210> 1606
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1606
cgctccactg cactccagcc 20

<210> 1607
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1607
gcgccattgt actccagcct 20

<210> 1608
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1608
atctcaaaaa aaaaaaaaaa 20

<210> 1609
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1609
gagcggggag ggatagcatt 20

<210> 1610
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1610
tcaagcgatt ctcctgcctc 20

<210> 1611
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1611

ttaatccagt ctatcactga 20

<210> 1612
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1612
gagaatcgct tgaacccgga 20

<210> 1613
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1613
gcctctaatc ccagctactc 20

<210> 1614
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1614
ttgtaatttt agtagagacg 20

<210> 1615
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1615
aatcgcttga acccgggaga 20

<210> 1616
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1616
ttttgctatg ttggccaggc 20

<210> 1617
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1617
taaaaataca aacattagcc 20

<210> 1618
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1618
tcacacactg gggcctgtcg 20

<210> 1619
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1619
ccatgttggt caggctggtc 20

<210> 1620
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1620
ccagaccagc ctgaccaaca 20

<210> 1621
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1621
tgactgtaat cccagcactt 20

<210> 1622
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1622
caggctggtc tcaaattcct 20

<210> 1623
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1623
tgggaggatc ccttgagccc 20

<210> 1624
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1624
tgcaccactg cactccagtc 20

<210> 1625
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1625
tcttactctg tcgcccaggc 20

<210> 1626
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1626
tctcactctg ttgcccagac 20

<210> 1627
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1627
aactgcttga acccaggagg 20

<210> 1628
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1628
acacaaaaat tagctgggca 20

<210> 1629
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1629
ggattacagg cgtgagccac 20

<210> 1630

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1630
gccgaggtgg gcggatcatg 20

<210> 1631
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1631
cagaagtttg agaccagcct 20

<210> 1632
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1632
gaggtctcac tatgttgccc 20

<210> 1633
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1633
ttttgtattt ttgtagagac 20

<210> 1634
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1634
tcgggagttc gagaccagcc 20

<210> 1635
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1635
tgcctgtaac cccagcactt 20

<210> 1636
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1636
tttgtaattt tagtagagac 20

<210> 1637
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1637
gctccactgc actccagcct 20

<210> 1638
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1638
gcaggcagat cacctgaggt 20

<210> 1639
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1639
tcctgagtaa ctgggattac 20

<210> 1640
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1640
cttggcctcc caaagtgctg 20

<210> 1641
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1641
caggtgtgtg ccaccacacc 20

<210> 1642
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1642
ccaggctggt ctcaaattcc 20

<210> 1643
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1643
ccaggaattt gagaccagcc 20

<210> 1644
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1644
tttttgtatt tttgtagaga 20

<210> 1645
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1645
tgtaatccca gcacttcagg 20

<210> 1646
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1646
gagaactgct tgaacccagg 20

<210> 1647
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1647
caggaatttg agaccagcct 20

<210> 1648
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1648
tcagaagttt gagaccagcc 20

<210> 1649
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1649
gactgtaatc ccagcacttt 20

<210> 1650
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1650
gcaccactgc actccagtct 20

<210> 1651
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1651
taaaaattag ccaggtgtgg 20

<210> 1652
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1652
ttttgtaatt ttagtagaga 20

<210> 1653
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1653
taaaaataca aaaatcagct 20

<210> 1654
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1654
gcctcggtct cccaaagtgc 20

<210> 1655
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1655
gcactttggg agaccgaggc 20

<210> 1656
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1656
agcactttgg gagaccgagg 20

<210> 1657
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1657
acctcatgat ccgcccacct 20

<210> 1658
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1658
cactgcaacc tctgccttcc 20

<210> 1659
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1659
tcttactctg ttgcccaggc 20

<210> 1660
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1660
cactgcagcc tcgacctcct 20

<210> 1661
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1661
aaaaaaaaaa aaaaaaagcc 20

<210> 1662
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1662
ggggtttctc catgttggcc 20

<210> 1663
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1663
caggagaact gcttgaaccc 20

<210> 1664
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1664
ggtgggcgga tcatgaggtc 20

<210> 1665
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1665
ttgcccaggc tggagtacaa 20

<210> 1666
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1666

tcactgcagc ctcgacctcc 20

<210> 1667
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1667
tcactgcaac ctctgccttc 20

<210> 1668
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1668
gggattacag gcgtgagcca 20

<210> 1669
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1669
gcctgtagtc ccagctacta 20

<210> 1670
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1670
ctaaaaatac aaaaatcagc 20

<210> 1671
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1671
caggcgcccg ccaccacacc 20

<210> 1672
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1672
cccagcactt tgggagaccg 20

<210> 1673
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1673
ttgcccagac tggagtgcag 20

<210> 1674
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1674
caaaaaaaaa aaaaaaaaaa 20

<210> 1675
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1675
acactttggg aggctgaggt 20

<210> 1676
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1676
cctcggtctc ccaaagtgct 20

<210> 1677
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1677
tcactgcagc cttgaactcc 20

<210> 1678
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1678
aaaaaaaaaa aaaaaaaaga 20

<210> 1679
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1679
gcctgtaacc ccagcacttt 20

<210> 1680
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1680
attattatac tttaagttct 20

<210> 1681
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1681
ttgtattttt agtagagact 20

<210> 1682
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1682
tcgcccaggc tggagtacag 20

<210> 1683
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1683
cgaggcaggc agatcacctg 20

<210> 1684
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1684
cgaggcaggc agatcacctg 20

<210> 1685

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1685
tccctagtag ctgggactac 20

<210> 1686
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1686
tttctccatg ttggccaggc 20

<210> 1687
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1687
aatacaaaat tagccaggca 20

<210> 1688
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1688
tgtagtccca gctactaggg 20

<210> 1689
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1689
ggagtgcaat ggcgcaatct 20

<210> 1690
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1690
acaaaattag ccaggcatgg 20

<210> 1691
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1691
aatggtgtga acccgggagg 20

<210> 1692
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1692
ttctcctgcc tcagcctccc 20

<210> 1693
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1693
tcaggagttc cagaccagcc 20

<210> 1694
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1694
tcccaaagtg ctggggttac 20

<210> 1695
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1695
tgtaacccca gcactttggg 20

<210> 1696
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1696
aaaaaaaaaa aaaaaaaaag 20

<210> 1697
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1697
tacaaaaaat tagccgggtg 20

<210> 1698
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1698
caggtgtgag ccaccacacc 20

<210> 1699
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1699
aacactttgg gaggctgagg 20

<210> 1700
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1700
ggtctcgaac tcccgacctc 20

<210> 1701
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1701
tacaaaaaat tagccaggtg 20

<210> 1702
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1702
caggcatgag ccaccgcacc 20

<210> 1703
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1703
tgcgccattg cactccagcc 20

<210> 1704
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1704
ttattatact ttaagttcta 20

<210> 1705
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1705
gagaatggtg tgaacccggg 20

<210> 1706
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1706
aattagccgg gtgtggtggc 20

<210> 1707
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1707
caccgcatgt tctcactcat 20

<210> 1708
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1708
caaggcaggt ggatcacctg 20

<210> 1709
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1709
cgcatgttct cactcatagg 20

<210> 1710
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1710
aaattagccg ggtgtggtgg 20

<210> 1711
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1711
cgcctgtaat ctcagcactt 20

<210> 1712
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1712
ctcaggtgat ctgcctgcct 20

<210> 1713
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1713
ctcaggtgat ctgcctgcct 20

<210> 1714
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1714
gctactaggg aggctgaggc 20

<210> 1715
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1715
tgcttgaacc caggaggcgg 20

<210> 1716
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1716
gcctcagcct ccctagtagc 20

<210> 1717
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1717
gagacggggt ttctccatgt 20

<210> 1718
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1718
gagtgagaac atgcggtgtt 20

<210> 1719
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1719
ggtacatgtg cacaacgtgc 20

<210> 1720
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1720
aaaaaattag ccgggtgtgg 20

<210> 1721
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1721

cctagcactt tgggaggccg 20

<210> 1722
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1722
caggcgtgag ccactgtgcc 20

<210> 1723
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1723
cccagctact agggaggctg 20

<210> 1724
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1724
cccagctact agggaggctg 20

<210> 1725
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1725
cgcctgtaat cctagcactt 20

<210> 1726
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1726
tgtagggaca tggatgaagc 20

<210> 1727
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1727
cctcagcctc cctagtagct 20

<210> 1728
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1728
cctcagcctc cctagtagct 20

<210> 1729
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1729
tgcctgtaat cctagcactt 20

<210> 1730
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1730
caggcagatc acctgaggtc 20

<210> 1731
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1731
caggcagatc acctgaggtc 20

<210> 1732
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1732
gcatgttctc actcataggt 20

<210> 1733
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1733
cacctatgag tgagaacatg 20

<210> 1734
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1734
gcaggagaat ggtgtgaacc 20

<210> 1735
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1735
caggcatgag ccaccatgcc 20

<210> 1736
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1736
caggagaatg gtgtgaaccc 20

<210> 1737
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1737
catgccattg cactccagcc 20

<210> 1738
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1738
tctcactatg ttgcccaggc 20

<210> 1739
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1739
atgccattgc actccagcct 20

<210> 1740

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1740
aaaaaattag ccaggtgtgg 20

<210> 1741
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1741
tatgtataca tgtgccatgt 20

<210> 1742
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1742
ggggtttcac tgtgttagcc 20

<210> 1743
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1743
gagtttcact cttgttgccc 20

<210> 1744
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1744
ctcaggtgat ccacctgcct 20

<210> 1745
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1745
ttcactcttg ttgcccaggc 20

<210> 1746
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1746
ttcactcttg ttgcccaggc 20

<210> 1747
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1747
gcctgtaatc tcagcacttt 20

<210> 1748
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1748
gcgccattgc actccagcct 20

<210> 1749
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1749
ggggtttcac catgttggtc 20

<210> 1750
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1750
acctcagcct cctgagtagc 20

<210> 1751
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1751
agctactcag gaggctgagg 20

<210> 1752
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1752
agctactcag gaggctgagg 20

<210> 1753
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1753
gctactcagg aggctgaggt 20

<210> 1754
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1754
ttttttttt tttttgagac 20

<210> 1755
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1755
ttttttttt tttttgagac 20

<210> 1756
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1756
ttttttttt ttttgagaca 20

<210> 1757
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1757
ttttttttt ttttgagaca 20

<210> 1758
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1758
tttcactgtg ttagccagga 20

<210> 1759
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1759
tcacccaggc tggagtgcaa 20

<210> 1760
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1760
acctgtaatc ccagctactt 20

<210> 1761
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1761
ctaaaaatac aaaattagcc 20

<210> 1762
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1762
gcctgtaatc ctagcacttt 20

<210> 1763
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1763
gcctgtaatc ctagcacttt 20

<210> 1764
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1764
ggagtgcagt ggcgtgatct 20

<210> 1765
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1765
ggagtgcagt ggcgtgatct 20

<210> 1766
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1766
tcccaaagtg ctgagattac 20

<210> 1767
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1767
tgtaatctca gcactttggg 20

<210> 1768
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1768
tagactggat taagaaaatg 20

<210> 1769
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1769
tttcaccatg ttggtcaggc 20

<210> 1770
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1770
cactgcaacc tccgcctcct 20

<210> 1771
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1771
ggagtctcgc tctgtcgccc 20

<210> 1772
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1772
aatgtggcac atatacacca 20

<210> 1773
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1773
acgccactgc actccagcct 20

<210> 1774
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1774
tcccaaagtg ctaggattac 20

<210> 1775
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1775
tcccaaagtg ctaggattac 20

<210> 1776
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1776

ggagtgcagt ggcgcgatct 20

<210> 1777
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1777
cacgccactg cactccagcc 20

<210> 1778
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1778
tgtaatccta gcactttggg 20

<210> 1779
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1779
caaaaattag ctgggcatgg 20

<210> 1780
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1780
ctttgggagg ctgaggtggg 20

<210> 1781
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1781
ggtctcaaac tcctgacctc 20

<210> 1782
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1782
gagaatcgct tgaacccagg 20

<210> 1783
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1783
caggcgtgag ccaccgcgcc 20

<210> 1784
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1784
ctttgggagg ccaaggcagg 20

<210> 1785
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1785
ggtcttgaac tcctgacctc 20

<210> 1786
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1786
tctcgctctg tcgcccaggc 20

<210> 1787
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1787
ctttgggagg ccgaggtggg 20

<210> 1788
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1788
cacctgtaat cccagctact 20

<210> 1789
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1789
cgcgccactg cactccagcc 20

<210> 1790
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1790
acctgtagtc ccagctactc 20

<210> 1791
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1791
agggtttcac catgttggcc 20

<210> 1792
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1792
cactgcaagc tccgcctccc 20

<210> 1793
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1793
tgcctgtagt cccagctact 20

<210> 1794
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1794
ggtctcgaac tcctgacctc 20

<210> 1795

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1795
tcactgcaag ctccgcctcc 20

<210> 1796
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1796
cactgcaacc tccgcctccc 20

<210> 1797
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1797
gcactttggg aggccgaggt 20

<210> 1798
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1798
tcactgcaac ctccgcctcc 20

<210> 1799
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1799
caagaccagc ctggccaaca 20

<210> 1800
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1800
gagatggggt ttcaccatgt 20

<210> 1801
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1801
tgtagtccca gctactcagg 20

<210> 1802
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1802
tgtagtccca gctactcagg 20

<210> 1803
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1803
tcctgagtag ctgggactac 20

<210> 1804
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1804
tcctgagtag ctgggactac 20

<210> 1805
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1805
caggagaatc gcttgaaccc 20

<210> 1806
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1806
caggagaatc gcttgaaccc 20

<210> 1807
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1807
cgagaccagc ctggccaaca 20

<210> 1808
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1808
gcaggagaat cgcttgaacc 20

<210> 1809
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1809
gcaggagaat cgcttgaacc 20

<210> 1810
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1810
tgtaatccca gctactcggg 20

<210> 1811
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1811
taaaaataca aaaaattagc 20

<210> 1812
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1812
gcgccactgc actccagcct 20

<210> 1813
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1813
tcccaagtag ctgggattac 20

<210> 1814
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1814
tgtaatccca gctacttggg 20

<210> 1815
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1815
tcaggagttc aagaccagcc 20

<210> 1816
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1816
tcaggagttc gagaccagcc 20

<210> 1817
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1817
tcaggagttc gagaccagcc 20

<210> 1818
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1818
aaaaatacaa aaaattagcc 20

<210> 1819
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1819
aaaaatacaa aaaattagcc 20

<210> 1820
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1820
tcaggagatc gagaccatcc 20

<210> 1821
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1821
gccttggcct cccaaagtgc 20

<210> 1822
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1822
gccttggcct cccaaagtgc 20

<210> 1823
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1823
gcactttggg aggccaaggc 20

<210> 1824
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1824
gcactttggg aggccaaggc 20

<210> 1825
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1825
gcctcagcct cccaaagtgc 20

<210> 1826
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1826
gcactttggg aggctgaggc 20

<210> 1827
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1827
agcactttgg gaggctgagg 20

<210> 1828
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1828
tcgcccaggc tggagtgcag 20

<210> 1829
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1829
tcgcccaggc tggagtgcag 20

<210> 1830
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1830
ttgtattttt agtagagaca 20

<210> 1831
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1831

ttgtattttt agtagagaca 20

<210> 1832
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1832
ttgcccaggc tggagtgcag 20

<210> 1833
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1833
cacctgtaat cccagcactt 20

<210> 1834
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1834
gcctgtagtc ccagctactc 20

<210> 1835
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1835
acctgtaatc ccagcacttt 20

<210> 1836
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1836
gctacttggg aggctgaggc 20

<210> 1837
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1837
gctactcagg aggctgaggc 20

<210> 1838
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1838
cccagcactt tgggaggcca 20

<210> 1839
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1839
cccagcactt tgggaggcca 20

<210> 1840
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1840
gcctcagcct cccaagtagc 20

<210> 1841
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1841
gcctcggcct cccaaagtgc 20

<210> 1842
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1842
gcctcggcct cccaaagtgc 20

<210> 1843
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1843
ttgtattttt agtagagatg 20

<210> 1844
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1844
ttttttttt ttttttgaga 20

<210> 1845
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1845
ttttttttt tttttgaga 20

<210> 1846
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1846
ccttggcctc ccaaagtgct 20

<210> 1847
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1847
ccttggcctc ccaaagtgct 20

<210> 1848
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1848
cccagcactt tgggaggctg 20

<210> 1849
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1849
gcactttggg aggccgaggc 20

<210> 1850

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1850
gcactttggg aggccgaggc 20

<210> 1851
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1851
gcctcagcct cctgagtagc 20

<210> 1852
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1852
tttgtatttt tagtagagat 20

<210> 1853
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1853
tttcaccatg ttggccaggc 20

<210> 1854
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1854
gctactcggg aggctgaggc 20

<210> 1855
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1855
agcactttgg gaggccgagg 20

<210> 1856
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1856
cccagctact tgggaggctg 20

<210> 1857
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1857
tgcctgtaat cccagcactt 20

<210> 1858
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1858
cctcagcctc ccaaagtgct 20

<210> 1859
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1859
cctcagcctc ccaagtagct 20

<210> 1860
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1860
cccagctact caggaggctg 20

<210> 1861
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1861
cccagctact caggaggctg 20

<210> 1862
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1862
gcctcagcct cccgagtagc 20

<210> 1863
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1863
cctcagcctc ctgagtagct 20

<210> 1864
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1864
cctcagcctc ctgagtagct 20

<210> 1865
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1865
cccagctact cgggaggctg 20

<210> 1866
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1866
ttgtattttt agtagagacg 20

<210> 1867
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1867
cctcagcctc ccgagtagct 20

<210> 1868
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1868
cccagcactt tgggaggccg 20

<210> 1869
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1869
cccagcactt tgggaggccg 20

<210> 1870
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1870
cctcggcctc ccaaagtgct 20

<210> 1871
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1871
cctcggcctc ccaaagtgct 20

<210> 1872
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1872
cctcggcctc ccaaagtgct 20

<210> 1873
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1873
cgcctgtaat cccagcactt 20

<210> 1874
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1874
cgcctgtaat cccagcactt 20

<210> 1875
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1875
cgcctgtaat cccagcactt 20

<210> 1876
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1876
tttgtatttt tagtagagac 20

<210> 1877
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1877
tttgtatttt tagtagagac 20

<210> 1878
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1878
tttgtatttt tagtagagac 20

<210> 1879
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1879
tttgtatttt tagtagagac 20

<210> 1880
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1880
ttttgtattt ttagtagaga 20

<210> 1881
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1881
ttttgtattt ttagtagaga 20

<210> 1882
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1882
gcctgtaatc ccagcacttt 20

<210> 1883
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1883
gcctgtaatc ccagcacttt 20

<210> 1884
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1884
gcctgtaatc ccagcacttt 20

<210> 1885
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1885
gcctgtaatc ccagcacttt 20

<210> 1886
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1886

tcccaaagtg ctgggattac 20

<210> 1887
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1887
tcccaaagtg ctgggattac 20

<210> 1888
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1888
tcccaaagtg ctgggattac 20

<210> 1889
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1889
tcccaaagtg ctgggattac 20

<210> 1890
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1890
tcccaaagtg ctgggattac 20

<210> 1891
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1891
tgtaatccca gcactttggg 20

<210> 1892
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1892
tgtaatccca gcactttggg 20

<210> 1893
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1893
tgtaatccca gcactttggg 20

<210> 1894
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1894
tgtaatccca gcactttggg 20

<210> 1895
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1895
tgtaatccca gcactttggg 20

<210> 1896
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1896
acctgagtaa taaaaattgt 20

<210> 1897
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1897
tccaacaatt tttattactc 20

<210> 1898
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1898
caacatgcca attagttcac 20

<210> 1899
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1899
ttaataacct gtgaactaat 20

<210> 1900
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1900
tcacaggtta ttaatttaaa 20

<210> 1901
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1901
tttaaaaggt cactgttgtg 20

<210> 1902
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1902
ctttgtcact gtcttgctcc 20

<210> 1903
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1903
ctgtcttgct cctggcttcc 20

<210> 1904
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1904
cctggcttcc tggtttcatg 20

<210> 1905

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1905
cctcatgaaa ccaggaagcc 20

<210> 1906
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1906
agaaggttcc tcatgaaacc 20

<210> 1907
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1907
aatatcattt gaactttaga 20

<210> 1908
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1908
attgaaactc aacagaaaga 20

<210> 1909
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1909
aaactcaaca gaaagaagga 20

<210> 1910
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1910
aactcaacag aaagaaggaa 20

<210> 1911
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1911
ttgtttttat agaaactctg 20

<210> 1912
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1912
taatgagaag tcatgtttct 20

<210> 1913
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1913
tcatgtttct tggaaatttt 20

<210> 1914
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1914
tgtttcttgg aaattttagg 20

<210> 1915
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1915
tagaatttaa tattgtaagc 20

<210> 1916
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1916
tgtaagccgg actattactg 20

<210> 1917
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1917
gtaagccgga ctattactga 20

<210> 1918
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1918
cttaaccctc agtaatagtc 20

<210> 1919
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1919
cggactatta ctgagggtta 20

<210> 1920
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1920
gaagctatta atagctctgc 20

<210> 1921
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1921
aagctattaa tagctctgct 20

<210> 1922
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1922
tgctgggaca agtgtaaatg 20

<210> 1923
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1923
gtgtaaatga ggactgtccc 20

<210> 1924
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1924
aggactgtcc caggcaaatc 20

<210> 1925
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1925
tcccaggcaa atcaggacaa 20

<210> 1926
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1926
cccaggcaaa tcaggacaaa 20

<210> 1927
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1927
ccctttgtcc tgatttgcct 20

<210> 1928
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1928
acccttgtc ctgatttgcc 20

<210> 1929
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1929
gggtcaccct agtttaaata 20

<210> 1930
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1930
gctaatccat atttaaacta 20

<210> 1931
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1931
tgctaatcca tatttaaact 20

<210> 1932
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1932
tttaaatatg gattagcata 20

<210> 1933
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1933
tattagactg cagtggtgct 20

<210> 1934
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1934
agacttctat tagactgcag 20

<210> 1935
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1935
tagggtttat tgactttctt 20

<210> 1936
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1936
tggaatatat tgagtcttta 20

<210> 1937
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1937
atggaatata ttgagtcttt 20

<210> 1938
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1938
atttagaagt ttaaaagtga 20

<210> 1939
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1939
cacttttaaa cttctaaatg 20

<210> 1940
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1940
taaacttcta aatgtggccc 20

<210> 1941
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1941

cttctaaatg tggccctggc 20

<210> 1942
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1942
taagcatatt atgcctgcca 20

<210> 1943
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1943
ttaagcatat tatgcctgcc 20

<210> 1944
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1944
aggcataata tgcttaaata 20

<210> 1945
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1945
agagagtatt atgtctaaga 20

<210> 1946
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1946
gggcactaga gaggtaagag 20

<210> 1947
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1947
tgaattgatg ggcactagag 20

<210> 1948
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1948
aaaaggaatt ctgaattgat 20

<210> 1949
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1949
taaaaggaat tctgaattga 20

<210> 1950
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1950
ttgaaagtat aaactttaaa 20

<210> 1951
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1951
tactttcaaa tattaaaaat 20

<210> 1952
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1952
aaatattaaa aattggttga 20

<210> 1953
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1953
aatattaaaa attggttgaa 20

<210> 1954
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1954
ttaaaaattg gttgaagggt 20

<210> 1955
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 1955
taaaaattgg ttgaagggtt 20

<210> 1956
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1956
aaaaattggt tgaagggttg 20

<210> 1957
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1957
tggttgaagg gttggggatg 20

<210> 1958
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1958
gggttgggga tgtggctcag 20

<210> 1959
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1959
gactcatgaa ggctgggcag 20

<210> 1960

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1960
ggactcatga aggctgggca 20

<210> 1961
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1961
gggactcatg aaggctgggc 20

<210> 1962
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1962
ctcagggact catgaaggct 20

<210> 1963
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1963
actcagggac tcatgaaggc 20

<210> 1964
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1964
tttaactcag ggactcatga 20

<210> 1965
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1965
gcttctggga atttaactca 20

<210> 1966
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1966
tgcttctggg aatttaactc 20

<210> 1967
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1967
gtttgtctta tactgcttct 20

<210> 1968
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1968
tgtttgtctt atactgcttc 20

<210> 1969
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1969
accttacttc atccattttc 20

<210> 1970
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1970
gccagaaaat ggatgaagta 20

<210> 1971
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1971
tgtgtagcta tgccagaaaa 20

<210> 1972
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1972
catacctgca atcctagttc 20

<210> 1973
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1973
ttgtccagaa ctaggattgc 20

<210> 1974
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1974
gcttgaattt gtccagaact 20

<210> 1975
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1975
agttctggac aaattcaagc 20

<210> 1976
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1976
aatgccaacc tcagctactt 20

<210> 1977
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1977
caaacctaag tagctgaggt 20

<210> 1978
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1978
caacctcagc tacttaggtt 20

<210> 1979
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1979
aacctcagct acttaggttt 20

<210> 1980
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1980
agcccaaacc taagtagctg 20

<210> 1981
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1981
ctgagaccct gtcttaacat 20

<210> 1982
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1982
tgagaccctg tcttaacatt 20

<210> 1983
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1983
gagaccctgt cttaacattg 20

<210> 1984
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1984
agaccctgtc ttaacattgg 20

<210> 1985
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1985
tctcccccaa tgttaagaca 20

<210> 1986
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1986
ctctccccca atgttaagac 20

<210> 1987
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1987
ttaacattgg gggagagcct 20

<210> 1988
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1988
attgggggag agcctaggct 20

<210> 1989
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1989
tgtatagctc agcctagcct 20

<210> 1990
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1990
ctatacagta agcctctgtc 20

<210> 1991
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1991
tatacagtaa gcctctgtct 20

<210> 1992
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1992
cagtaagcct ctgtctggga 20

<210> 1993
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1993
taagcctctg tctgggaagg 20

<210> 1994
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1994
aagcctctgt ctgggaagga 20

<210> 1995
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1995
tttccctcct tcccagacag 20

<210> 1996
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1996

tgtctgggaa ggagggaaaa 20

<210> 1997
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1997
tgggaaggag ggaaaaagga 20

<210> 1998
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1998
gaaaaaggaa ggaaagacat 20

<210> 1999
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1999
gacattggtt gaatgacttg 20

<210> 2000
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2000
acattggttg aatgacttgt 20

<210> 2001
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2001
actgtatgtt tagagtgttc 20

<210> 2002
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2002
ctgtatgttt agagtgttca 20

<210> 2003
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2003
gtttagagtg ttcagggaaa 20

<210> 2004
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2004
tagagtgttc agggaaaagg 20

<210> 2005
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2005
aggtcatttg cagagcagag 20

<210> 2006
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2006
attcgtctta tctgagtggc 20

<210> 2007
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2007
gtgtattcgt cttatctgag 20

<210> 2008
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2008
catgaatata gaagaaacag 20

<210> 2009
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2009
aataaaagac acaagactgc 20

<210> 2010
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2010
ctaataatat ttctagtgtc 20

<210> 2011
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2011
cttgagattt tattttcaca 20

<210> 2012
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2012
cttgtgaaaa taaaatctca 20

<210> 2013
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2013
aataaaatct caaggtcata 20

<210> 2014
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2014
tacggcaaac acaaagaaac 20

<210> 2015

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2015
gtcttcagac actccagaag 20

<210> 2016
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2016
tcttcagaca ctccagaaga 20

<210> 2017
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2017
cgagatctga tgccctcttc 20

<210> 2018
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2018
gagggcatca gatctcgtta 20

<210> 2019
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2019
gcatcagatc tcgttacgga 20

<210> 2020
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2020
gatggttgtg agccaccatg 20

<210> 2021
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2021
gtgagccacc atgtggttgc 20

<210> 2022
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2022
tgagccacca tgtggttgct 20

<210> 2023
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2023
aaatcccagc aaccacatgg 20

<210> 2024
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2024
ttcaaatccc agcaaccaca 20

<210> 2025
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2025
ggatttgaac ttcagacctt 20

<210> 2026
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2026
cagaccttcg gaagagcagt 20

<210> 2027
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2027
agaccttcgg aagagcagtc 20

<210> 2028
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2028
gcacccgact gctcttccga 20

<210> 2029
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2029
ggctggtgag atggctcagt 20

<210> 2030
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2030
gggctggtga gatggctcag 20

<210> 2031
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2031
tgagccatct caccagcccc 20

<210> 2032
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2032
aaaacctggg gctggtgaga 20

<210> 2033
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2033
agaaaaaaaa aacctggggc 20

<210> 2034
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2034
actaagaaaa aaaaaacctg 20

<210> 2035
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2035
aactaagaaa aaaaaaacct 20

<210> 2036
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2036
caactaagaa aaaaaaaacc 20

<210> 2037
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2037
tattgttatt cttttgagac 20

<210> 2038
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2038
aggatcccac actgaaactc 20

<210> 2039
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2039
gctagcctga gtttcagtgt 20

<210> 2040
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2040
ggctagcctg agtttcagtg 20

<210> 2041
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2041
ggctagcctt caatttccta 20

<210> 2042
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2042
tcaaatccat aggaaattga 20

<210> 2043
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2043
tgctatgagg tcaaatccat 20

<210> 2044
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2044
gaaactggct gactgctatg 20

<210> 2045
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2045
agcactcaga aggtggaaac 20

<210> 2046
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2046
aaatcttagc actcagaagg 20

<210> 2047
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2047
ttgaaatctt agcactcaga 20

<210> 2048
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2048
ggaattgggt gtggtggctc 20

<210> 2049
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2049
atcttaggaa ttgggtgtgg 20

<210> 2050
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2050
catatcttag gaattgggtg 20

<210> 2051
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2051

aaaaacatat cttaggaatt 20

<210> 2052
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2052
taaaaacata tcttaggaat 20

<210> 2053
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2053
cttgcttaaa aacatatctt 20

<210> 2054
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2054
ctaagatatg tttttaagca 20

<210> 2055
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2055
atgtttttaa gcaaggttat 20

<210> 2056
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2056
cacgtcattg caaagggtta 20

<210> 2057
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2057
acccttgca atgacgtgtc 20

<210> 2058
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2058
tcctgacacg tcattgcaaa 20

<210> 2059
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2059
ttcctgacac gtcattgcaa 20

<210> 2060
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2060
gacaactgga aaaaaaaaaa 20

<210> 2061
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2061
ttttttttt tccagttgtc 20

<210> 2062
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2062
ttttttccag ttgtcaggcc 20

<210> 2063
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2063
ccagttgtca ggcctggcaa 20

<210> 2064
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2064
ccattgccag gcctgacaac 20

<210> 2065
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2065
caggcctggc aatggagccc 20

<210> 2066
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2066
aggcctggca atggagccca 20

<210> 2067
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2067
gggccctggg ctccattgcc 20

<210> 2068
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2068
tttagcaagc acagggccct 20

<210> 2069
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2069
gtttagcaag cacagggccc 20

<210> 2070

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2070
gccctgtgct tgctaaacga 20

<210> 2071
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2071
gccatcgttt agcaagcaca 20

<210> 2072
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2072
agccatcgtt tagcaagcac 20

<210> 2073
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2073
gctgggtata tataacttag 20

<210> 2074
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2074
agctgggtat atataactta 20

<210> 2075
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2075
aagctgggta tatataactt 20

<210> 2076
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2076
atatataccc agcttatccc 20

<210> 2077
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2077
gaaagatcct gggataagct 20

<210> 2078
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2078
agaaagatcc tgggataagc 20

<210> 2079
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2079
gaaagtctga gaaagatcct 20

<210> 2080
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2080
agaaagtctg agaaagatcc 20

<210> 2081
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2081
ctatcgatgt tgcttctctt 20

<210> 2082
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2082
ctttttgtga gaaaagagca 20

<210> 2083
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2083
tctaagcaag aacccttgtc 20

<210> 2084
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2084
atctctctga ctccagacaa 20

<210> 2085
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2085
tatctctctg actccagaca 20

<210> 2086
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2086
gtcagagaga tagcttagtc 20

<210> 2087
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2087
tttaaacaag aaaagttctg 20

<210> 2088
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2088
ttttaaacaa gaaaagttct 20

<210> 2089
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2089
tttttaaaca agaaaagttc 20

<210> 2090
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2090
caaacaaaca aacaaaaact 20

<210> 2091
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2091
caaaaactag gcatgacagc 20

<210> 2092
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2092
actaggcatg acagctggag 20

<210> 2093
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2093
aggcatgaca gctggagagg 20

<210> 2094
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2094
attaacagca cttgttaaag 20

<210> 2095
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2095
tgttaaagag gacctcagct 20

<210> 2096
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2096
aggacctcag cttggttccc 20

<210> 2097
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2097
ggacctcagc ttggttccca 20

<210> 2098
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2098
gagccctggg aaccaagctg 20

<210> 2099
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2099
aactggagtt atagagccct 20

<210> 2100
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2100
gaactggagt tatagagccc 20

<210> 2101
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2101
ggctctataa ctccagttcc 20

<210> 2102
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2102
gctctataac tccagttcca 20

<210> 2103
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2103
gctgtctgag gccctggaac 20

<210> 2104
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2104
caggaggctg tctgaggccc 20

<210> 2105
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2105
aggctacagg aggctgtctg 20

<210> 2106
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2106

atgcatgaag aggctacagg 20

<210> 2107
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2107
ctgatgcatg aagaggctac 20

<210> 2108
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2108
gcctcttcat gcatcagaca 20

<210> 2109
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2109
accatgtctg atgcatgaag 20

<210> 2110
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2110
gacatggtcc atatgcatgc 20

<210> 2111
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2111
gtgtttgacc tgcatgcata 20

<210> 2112
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2112
aaaaataaaa gtctaaaaaa 20

<210> 2113
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2113
catgctataa tcccagtgct 20

<210> 2114
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2114
atgctataat cccagtgcta 20

<210> 2115
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2115
ctataatccc agtgctaggg 20

<210> 2116
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2116
acatttgcct ccctagcact 20

<210> 2117
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2117
gacatttgcc tccctagcac 20

<210> 2118
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2118
gtgctaggga ggcaaatgtc 20

<210> 2119
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2119
ggcaaatgtc tggaccttgt 20

<210> 2120
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2120
aatgtctgga ccttgtcggt 20

<210> 2121
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2121
gactgactgg ccgaccgaca 20

<210> 2122
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2122
tgactggctg gctgactgac 20

<210> 2123
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2123
gctaggctag actgactggc 20

<210> 2124
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2124
ctatgctagg ctagactgac 20

<210> 2125

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2125
ctagcctagc atagcctact 20

<210> 2126
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2126
cacacctagt aggctatgct 20

<210> 2127
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2127
tgggctggag cacacctagt 20

<210> 2128
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2128
gacaaggtct ctcattgggc 20

<210> 2129
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2129
tagagacaag gtctctcatt 20

<210> 2130
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2130
ttagagacaa ggtctctcat 20

<210> 2131
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2131
agaccttgtc tctaaaaaaa 20

<210> 2132
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2132
gaccttgtct ctaaaaaaaa 20

<210> 2133
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2133
tacccttttt tttagagaca 20

<210> 2134
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2134
ggtagaaaga aaagacaaaa 20

<210> 2135
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2135
gacaaaatgg atgtctcctg 20

<210> 2136
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2136
ctcctgagga atgataccca 20

<210> 2137
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2137
atccgtgggt atcattcctc 20

<210> 2138
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2138
ggacaattgt gggtatccgt 20

<210> 2139
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2139
aggacaattg tgggtatccg 20

<210> 2140
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2140
ggatacccac aattgtcctc 20

<210> 2141
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2141
ggagaccaga ggacaattgt 20

<210> 2142
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2142
cggagaccag aggacaattg 20

<210> 2143
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2143
gtattgcaca cggagaccag 20

<210> 2144
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2144
acatgggttt gtattgcaca 20

<210> 2145
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2145
tgttgcaaat attcagacat 20

<210> 2146
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2146
ctgttgcaaa tattcagaca 20

<210> 2147
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2147
catgtctgaa tatttgcaac 20

<210> 2148
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2148
atgtctgaat atttgcaaca 20

<210> 2149
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2149
agcacagctt tactagatga 20

<210> 2150
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2150
aagcacagct ttactagatg 20

<210> 2151
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2151
catctagtaa agctgtgctt 20

<210> 2152
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2152
gaaaaataag acagatggga 20

<210> 2153
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2153
agaaaaataa gacagatggg 20

<210> 2154
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2154
agtagaaaaa taagacagat 20

<210> 2155
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2155
cagtagaaaa ataagacaga 20

<210> 2156
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2156
catctgtctt atttttctac 20

<210> 2157
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2157
atttttctac tggtgtgcta 20

<210> 2158
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2158
gtgctaaggc accatgacca 20

<210> 2159
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2159
tctctaagtt gccttggtca 20

<210> 2160
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2160
tcttcttctc taagttgcct 20

<210> 2161
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2161

gaagaagaaa cagtttattg 20

<210> 2162
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2162
aagaagaaac agtttattga 20

<210> 2163
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2163
ttgagggttt atagttatag 20

<210> 2164
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2164
tgagggttta tagttataga 20

<210> 2165
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2165
gtttatagtt atagagggta 20

<210> 2166
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2166
tagttataga gggtaaggca 20

<210> 2167
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2167
tagagggtaa ggcaaggact 20

<210> 2168
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2168
taaggcaagg acttggtagc 20

<210> 2169
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2169
gcaaggactt ggtagcaggc 20

<210> 2170
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2170
ggacttggta gcaggcaggc 20

<210> 2171
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2171
ttggtagcag gcaggcaggc 20

<210> 2172
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2172
agcaggcagg caggcaggca 20

<210> 2173
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2173
caggcaggca ggcatggtac 20

<210> 2174
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2174
catggtactg gtgtagtagc 20

<210> 2175
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2175
atggtactgg tgtagtagct 20

<210> 2176
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2176
ggagcttgta tcttgagaca 20

<210> 2177
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2177
aaagctgaga gatagctaag 20

<210> 2178
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2178
aagctgagag atagctaagt 20

<210> 2179
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2179
gagagatagc taagtgggcc 20

<210> 2180

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2180
aggtttcaaa agctcacacc 20

<210> 2181
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2181
tttcactggg gacagctttg 20

<210> 2182
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2182
ttgatggagg catttcactg 20

<210> 2183
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2183
gttgatggag gcatttcact 20

<210> 2184
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2184
tgttgatgga ggcatttcac 20

<210> 2185
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2185
gtgaaatgcc tccatcaaca 20

<210> 2186
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2186
aggtgtggcc ttgttgatgg 20

<210> 2187
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2187
gttaggtgtg gccttgttga 20

<210> 2188
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2188
tgtttgggaa gggttaggtg 20

<210> 2189
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2189
agaactgttt gggaagggtt 20

<210> 2190
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2190
ttggtagaac tgtttgggaa 20

<210> 2191
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2191
gttggtagaa ctgtttggga 20

<210> 2192
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2192
tcccaaacag ttctaccaac 20

<210> 2193
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2193
cccaaacagt tctaccaact 20

<210> 2194
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2194
cccagttggt agaactgttt 20

<210> 2195
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2195
tcccagttgg tagaactgtt 20

<210> 2196
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2196
atgaatgctt ggttcccagt 20

<210> 2197
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2197
ctgaggctca tatgaatgct 20

<210> 2198
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2198
caagcattca tatgagcctc 20

<210> 2199
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2199
aagcattcat atgagcctca 20

<210> 2200
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2200
agcattcata tgagcctcag 20

<210> 2201
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2201
tgaatgagac tgctcccctg 20

<210> 2202
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2202
gtactcagta cactgcccca 20

<210> 2203
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2203
tactcagtac actgccccat 20

<210> 2204
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2204
ttagaggact tctgcccatg 20

<210> 2205
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2205
tttagaggac ttctgcccat 20

<210> 2206
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2206
gtttagagga cttctgccca 20

<210> 2207
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2207
atgggcagaa gtcctctaaa 20

<210> 2208
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2208
acacattagt aaccgtttag 20

<210> 2209
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2209
tatccctcac catacttaga 20

<210> 2210
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2210
tttccttcta agtatggtga 20

<210> 2211
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2211
gtttccttct aagtatggtg 20

<210> 2212
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2212
ggcttgtttc cttctaagta 20

<210> 2213
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2213
ggaaacaagc catcccaaaa 20

<210> 2214
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2214
tcatgctatc cattttggga 20

<210> 2215
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2215
tgagtcatgc tatccatttt 20

<210> 2216
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2216

ctgagtcatg ctatccattt 20

<210> 2217
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2217
ttgctctggg tgaagtacac 20

<210> 2218
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2218
tacttcaccc agagcaaatg 20

<210> 2219
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2219
acccagagca aatgtggata 20

<210> 2220
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2220
accgtatcca catttgctct 20

<210> 2221
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2221
caccgtatcc acatttgctc 20

<210> 2222
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2222
cagagcaaat gtggatacgg 20

<210> 2223
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2223
agagcaaatg tggatacggt 20

<210> 2224
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2224
gtggatacgg tgggaaacag 20

<210> 2225
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2225
gggaaacaga ggacagtgat 20

<210> 2226
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2226
aggacagtga taggacacaa 20

<210> 2227
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2227
gtctcagttt ctagttcaga 20

<210> 2228
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2228
agacataaac caacacacat 20

<210> 2229
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2229
tgtatctttc ctatgtgtgt 20

<210> 2230
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2230
ataggaaaga tacactccac 20

<210> 2231
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2231
agatacactc cactggacag 20

<210> 2232
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2232
gatacactcc actggacagt 20

<210> 2233
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2233
catgggctcc cactgtccag 20

<210> 2234
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2234
cagtgggagc ccatgcacaa 20

<210> 2235

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2235
gcccatgcac aaaggttctt 20

<210> 2236
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2236
gccaaagaac ctttgtgcat 20

<210> 2237
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2237
agccaaagaa cctttgtgca 20

<210> 2238
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2238
tgacagcagt ttcttattat 20

<210> 2239
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2239
gacagcagtt tcttattatt 20

<210> 2240
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2240
gatgagcttt gtttctgccc 20

<210> 2241
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2241
atgagctttg tttctgccct 20

<210> 2242
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2242
ccctgggtga gagtttattt 20

<210> 2243
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2243
cctaaataaa ctctcaccca 20

<210> 2244
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2244
tcctaaataa actctcaccc 20

<210> 2245
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2245
cacactaaga caaccactga 20

<210> 2246
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2246
actttgttct aggccatcag 20

<210> 2247
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2247
cagtgctctg actttgttct 20

<210> 2248
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2248
agtcagagca ctgtgcgttg 20

<210> 2249
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2249
cactgtgcgt tgtggatctt 20

<210> 2250
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2250
gatgctttaa tcatcatgaa 20

<210> 2251
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2251
actaacacat tttaatagga 20

<210> 2252
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2252
atggactaac acattttaat 20

<210> 2253
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2253
aaaatgtgtt agtccatttt 20

<210> 2254
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2254
aaatgtgtta gtccattttt 20

<210> 2255
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2255
aatgtgttag tccatttttg 20

<210> 2256
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2256
agtaaacata accccaaaaa 20

<210> 2257
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2257
gggttatgtt tactatacaa 20

<210> 2258
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2258
ttatgtttac tatacaaagg 20

<210> 2259
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2259
gtttactata caaaggtgga 20

<210> 2260
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2260
tttactatac aaaggtggaa 20

<210> 2261
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2261
ttactataca aaggtggaag 20

<210> 2262
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2262
caaaggtgga aggggttatc 20

<210> 2263
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2263
gttatctggc cccatcttac 20

<210> 2264
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2264
acacagttac ctgtaagatg 20

<210> 2265
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2265
gacacagtta cctgtaagat 20

<210> 2266
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2266
ggacacagtt acctgtaaga 20

<210> 2267
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2267
aggtaactgt gtccctttg 20

<210> 2268
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2268
tggtttttat atccacaaaa 20

<210> 2269
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2269
atggttttta tatccacaaa 20

<210> 2270
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2270
aataaaattg cagtatctga 20

<210> 2271
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2271

tatttttgat tatgtgtctg 20

<210> 2272
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2272
attttgatt atgtgtctga 20

<210> 2273
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2273
cagtatgcac atctgcatgc 20

<210> 2274
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2274
catctgcatg caggtgcctg 20

<210> 2275
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2275
caggtgcctg tggaagcctg 20

<210> 2276
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2276
atgtctccac aggcttccac 20

<210> 2277
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2277
aggtgatctg atgtctccac 20

<210> 2278
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2278
gacatcagat cacctgaagc 20

<210> 2279
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2279
tcacctgaag ctggagtttc 20

<210> 2280
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2280
ctgcctgaaa ctccagcttc 20

<210> 2281
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2281
agttttatgc caccagacac 20

<210> 2282
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2282
ttctcagcac cagtgtctgg 20

<210> 2283
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2283
ctattctcag caccagtgtc 20

<210> 2284
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2284
ataaaatata ctgcttttgc 20

<210> 2285
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2285
gttgcttttg gctggagaga 20

<210> 2286
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2286
ttttaaaggt tgcttttggc 20

<210> 2287
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2287
cagcttttaa aggttgcttt 20

<210> 2288
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2288
aaagcaacct ttaaaagctg 20

<210> 2289
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2289
acataaacca cagcttttaa 20

<210> 2290

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2290
ctctaagtgg atgaattaaa 20

<210> 2291
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2291
catttaattc atccacttag 20

<210> 2292
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2292
atttaattca tccacttaga 20

<210> 2293
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2293
attgaagtgt accctctaag 20

<210> 2294
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2294
aaaatatgct tacagatctg 20

<210> 2295
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2295
aaatatgctt acagatctgt 20

<210> 2296
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2296
tgctaaaagg gttctaaaat 20

<210> 2297
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2297
taatatctgt agtgctaaaa 20

<210> 2298
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2298
ttaatatctg tagtgctaaa 20

<210> 2299
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2299
gctgggggct ggggagaata 20

<210> 2300
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2300
agctgggggc tggggagaat 20

<210> 2301
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2301
gggactggag ctgggggctg 20

<210> 2302
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2302
agggactgga gctgggggct 20

<210> 2303
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2303
cagggactgg agctgggggc 20

<210> 2304
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2304
cagcccccag ctccagtccc 20

<210> 2305
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2305
atgccaggga ctggagctgg 20

<210> 2306
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2306
gatgccaggg actggagctg 20

<210> 2307
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2307
ggatgccagg gactggagct 20

<210> 2308
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2308
tggatgccag ggactggagc 20

<210> 2309
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2309
gatttgtgga tgccagggac 20

<210> 2310
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2310
aaggggattt gtggatgcca 20

<210> 2311
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2311
gaaggggatt tgtggatgcc 20

<210> 2312
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2312
gatggcagga aggggatttg 20

<210> 2313
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2313
aatctataga tggcaggaag 20

<210> 2314
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2314
gaatctatag atggcaggaa 20

<210> 2315
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2315
tgaatctata gatggcagga 20

<210> 2316
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2316
gaggtgaatc tatagatggc 20

<210> 2317
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2317
agaagaggtg aatctataga 20

<210> 2318
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2318
ttcagtgtaa agtctagaag 20

<210> 2319
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2319
ttctagactt tacactgaaa 20

<210> 2320
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2320
aaatggtatt acacaacatg 20

<210> 2321
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2321
ttgcttgccg tgtgtctgtg 20

<210> 2322
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2322
agatgaacct cacagacaca 20

<210> 2323
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2323
tcatctgtgt tgagcatgaa 20

<210> 2324
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2324
taggcgacag gcatattcat 20

<210> 2325
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2325
ttaggcgaca ggcatattca 20

<210> 2326
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2326

gtgttgctat tttaggcgac 20

<210> 2327
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2327
tgtgaaagtg ttgctatttt 20

<210> 2328
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2328
ccttctttct tcttcccaag 20

<210> 2329
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2329
cctcttggga agaagaaaga 20

<210> 2330
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2330
cttctttctt cttcccaaga 20

<210> 2331
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2331
gctgcaataa tgtccctctt 20

<210> 2332
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2332
ggctgcaata atgtccctct 20

<210> 2333
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2333
agacacagga gaaaactagc 20

<210> 2334
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2334
agaaacacga aaaaagacac 20

<210> 2335
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2335
cgtgtttctc aagtagatga 20

<210> 2336
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2336
gtgtttctca agtagatgaa 20

<210> 2337
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2337
tctcaagtag atgaagggac 20

<210> 2338
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2338
ttaggaaact gacaaagcag 20

<210> 2339
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2339
tttaggaaac tgacaaagca 20

<210> 2340
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2340
atttaggaaa ctgacaaagc 20

<210> 2341
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2341
aatacagtat tcactcattt 20

<210> 2342
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2342
aaatgagtga atactgtatt 20

<210> 2343
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2343
tattttggtc tttctgattg 20

<210> 2344
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2344
ttattttggt ctttctgatt 20

<210> 2345

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2345
attattttgg tctttctgat 20

<210> 2346
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2346
gagattattt taaattattt 20

<210> 2347
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2347
atctcgtctc tatatcacta 20

<210> 2348
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2348
ctaaggtatc cttttccact 20

<210> 2349
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2349
taaggtatcc ttttccactt 20

<210> 2350
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2350
ctgcatggcc caagtggaaa 20

<210> 2351
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2351
atttctctgc atggcccaag 20

<210> 2352
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2352
ggcatgctta tttctctgca 20

<210> 2353
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2353
gggtggggtg gggtcaatca 20

<210> 2354
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2354
ctgggggttg gggtggggtg 20

<210> 2355
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2355
actgggggtt ggggtggggt 20

<210> 2356
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2356
cactgggggt tggggtgggg 20

<210> 2357
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2357
caccccaccc caacccccag 20

<210> 2358
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2358
caccactggg ggttggggtg 20

<210> 2359
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2359
tcaccactgg gggttggggt 20

<210> 2360
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2360
gtcaccactg ggggttgggg 20

<210> 2361
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2361
cttgtcacca ctgggggttg 20

<210> 2362
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2362
cccaaccccc agtggtgaca 20

<210> 2363
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2363
ccttgtcacc actgggggtt 20

<210> 2364
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2364
tccttgtcac cactgggggt 20

<210> 2365
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2365
gaggtccttg tcaccactgg 20

<210> 2366
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2366
ggaggtcctt gtcaccactg 20

<210> 2367
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2367
gggaggtcct tgtcaccact 20

<210> 2368
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2368
ggggaggtcc ttgtcaccac 20

<210> 2369
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2369
ggtgacaagg acctccccag 20

<210> 2370
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2370
aaatggttga gccgctgggg 20

<210> 2371
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2371
ttcaaatggt tgagccgctg 20

<210> 2372
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2372
attcaaatgg ttgagccgct 20

<210> 2373
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2373
tattcaaatg gttgagccgc 20

<210> 2374
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2374
gctcaaccat ttgaataaaa 20

<210> 2375
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2375
aagtgtcctt tttattcaaa 20

<210> 2376
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2376
atcttagatt tgtgcaaaat 20

<210> 2377
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2377
catcttagat ttgtgcaaaa 20

<210> 2378
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2378
acaaatctaa gatgagcaag 20

<210> 2379
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2379
gtcacctgta aacatgtgcc 20

<210> 2380
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2380
tgctccaggc acatgtttac 20

<210> 2381
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2381

gtaaacatgt gcctggagca 20

<210> 2382
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2382
ctcaggtcgt tccgtgctcc 20

<210> 2383
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2383
gagcacggaa cgacctgagt 20

<210> 2384
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2384
cgacctgagt aggcagaaaa 20

<210> 2385
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2385
cctgagtagg cagaaaaagg 20

<210> 2386
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2386
ccacctttt ctgcctactc 20

<210> 2387
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2387
atttatgatt tttcttttaa 20

<210> 2388
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2388
agtgagaaag gtgggggaaa 20

<210> 2389
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2389
ttggaaagtg agaaaggtgg 20

<210> 2390
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2390
gttggaaagt gagaaaggtg 20

<210> 2391
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2391
tgttggaaag tgagaaaggt 20

<210> 2392
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2392
ttgttggaaa gtgagaaagg 20

<210> 2393
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2393
atattgttgg aaagtgagaa 20

<210> 2394
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2394
tttccaacaa tattatattc 20

<210> 2395
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2395
acaccagaat ataatattgt 20

<210> 2396
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2396
cttttattcc ccagttgttt 20

<210> 2397
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2397
tttaatcacc aaaacaactg 20

<210> 2398
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2398
atttaatcac caaaacaact 20

<210> 2399
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2399
gatttaatca ccaaaacaac 20

<210> 2400

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2400
ttttggtgat taaatcattt 20

<210> 2401
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2401
tttggtgatt aaatcatttt 20

<210> 2402
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2402
ttggtgatta aatcattttg 20

<210> 2403
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2403
tggtgattaa atcattttgg 20

<210> 2404
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2404
actctcattc actgctccct 20

<210> 2405
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2405
aaaaaaaaca ctgtcaccaa 20

<210> 2406
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2406
gaaaaaaaac actgtcacca 20

<210> 2407
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2407
gcagagacag agggaacagc 20

<210> 2408
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2408
tgaaaatgag cagagacaga 20

<210> 2409
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2409
atgaaaatga gcagagacag 20

<210> 2410
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2410
ctgtctctgc tcattttcat 20

<210> 2411
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2411
tgctcatttt cataggaatc 20

<210> 2412
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2412
atctggcacc ttagaatccc 20

<210> 2413
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2413
gcaggcagcc tgggattcta 20

<210> 2414
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2414
catttgactg caggcagcct 20

<210> 2415
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2415
gcatttgact gcaggcagcc 20

<210> 2416
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2416
cctgcagtca aatgcttgct 20

<210> 2417
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2417
cctagcaagc atttgactgc 20

<210> 2418
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2418
ctgcagtcaa atgcttgcta 20

<210> 2419
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2419
cagtcaaatg cttgctaggg 20

<210> 2420
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2420
agtcaaatgc ttgctaggga 20

<210> 2421
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2421
gtcaaatgct tgctagggag 20

<210> 2422
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2422
ttgctaggga ggggagccag 20

<210> 2423
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2423
tgctagggag gggagccagt 20

<210> 2424
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2424
tagggagggg agccagtggg 20

<210> 2425
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2425
agggagggga gccagtgggt 20

<210> 2426
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2426
gggaggggag ccagtgggtg 20

<210> 2427
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2427
ggaggggagc cagtgggtgg 20

<210> 2428
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2428
ttgcaggttc ccccacccac 20

<210> 2429
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2429
atttggagtt gatttcttgc 20

<210> 2430
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2430
aaatcaactc caaatttaat 20

<210> 2431
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2431
gagcttagtc ctattaaatt 20

<210> 2432
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2432
ctgctaatca ggcatggtgt 20

<210> 2433
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2433
accatgcctg attagcagct 20

<210> 2434
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2434
acctagctgc taatcaggca 20

<210> 2435
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2435
atgagaccta gctgctaatc 20

<210> 2436
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2436

ggtctcatcc ttacccctcc 20

<210> 2437
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2437
tccttacccc tccaggaata 20

<210> 2438
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2438
tccttattcc tggaggggta 20

<210> 2439
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2439
taccctcca ggaataagga 20

<210> 2440
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2440
aaccttcctt attcctggag 20

<210> 2441
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2441
caaccttcct tattcctgga 20

<210> 2442
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2442
gcaaccttcc ttattcctgg 20

<210> 2443
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2443
tctgcaacct tccttattcc 20

<210> 2444
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2444
aggttgcaga agtccctgaa 20

<210> 2445
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2445
ggctcagcaa atacctttca 20

<210> 2446
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2446
aggctcagca aataccttc 20

<210> 2447
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2447
gctgagcctc ttgtgaaccg 20

<210> 2448
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2448
ctgagcctct tgtgaaccgt 20

<210> 2449
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2449
gcctcttgtg aaccgtgggt 20

<210> 2450
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2450
gccaacccac ggttcacaag 20

<210> 2451
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2451
agttcaggtg agccaaccca 20

<210> 2452
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2452
aagaatatct actaaagttc 20

<210> 2453
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2453
atattcttta gcgacatatt 20

<210> 2454
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2454
tattctttag cgacatattt 20

<210> 2455

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2455
ttagcgacat atttgggctt 20

<210> 2456
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2456
tgtggagaga taaaagagag 20

<210> 2457
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2457
ttatctctcc acaaaagtct 20

<210> 2458
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2458
tcagtttgcc aagacttttg 20

<210> 2459
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2459
tgatgtttat gcaaccagta 20

<210> 2460
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2460
tatgcaacca gtaaggcctc 20

<210> 2461
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2461
atgcaaccag taaggcctct 20

<210> 2462
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2462
tgcaaccagt aaggcctctg 20

<210> 2463
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2463
ctcagcccca gaggccttac 20

<210> 2464
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2464
cagtaaggcc tctggggctg 20

<210> 2465
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2465
agtaaggcct ctggggctga 20

<210> 2466
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2466
gtaaggcctc tggggctgag 20

<210> 2467
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2467
taaggcctct ggggctgagg 20

<210> 2468
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2468
ggcctctggg gctgaggggg 20

<210> 2469
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2469
gcctctgggg ctgagggggt 20

<210> 2470
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2470
tcccaccccc tcagccccag 20

<210> 2471
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2471
ctgagggggt gggaagccag 20

<210> 2472
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2472
tgagggggtg ggaagccagt 20

<210> 2473
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2473
gggggtggga agccagtggg 20

<210> 2474
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2474
ggtgggaagc cagtgggtgg 20

<210> 2475
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2475
ttgcaggttc cgccacccac 20

<210> 2476
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2476
atttggggcg gatttcttgc 20

<210> 2477
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2477
agaaatccgc cccaaattta 20

<210> 2478
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2478
atgcttcctt aaatttgggg 20

<210> 2479
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2479
ccccaaattt aaggaagcat 20

<210> 2480
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2480
cctatgcttc cttaaatttg 20

<210> 2481
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2481
tcctatgctt ccttaaattt 20

<210> 2482
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2482
ttcctatgct tccttaaatt 20

<210> 2483
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2483
cctaccctat gtctgccttg 20

<210> 2484
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2484
ccacaaggca gacatagggt 20

<210> 2485
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2485
ctagccacaa ggcagacata 20

<210> 2486
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2486
cctatgtctg ccttgtggct 20

<210> 2487
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2487
cctagccaca aggcagacat 20

<210> 2488
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2488
gaactaagga cctagccaca 20

<210> 2489
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2489
tccttagttc attgtctctt 20

<210> 2490
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2490
acctaagaga caatgaacta 20

<210> 2491
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2491

ttctactctc aagagaatct 20

<210> 2492
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2492
cttctactct caagagaatc 20

<210> 2493
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2493
cagattctct tgagagtaga 20

<210> 2494
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2494
attctcttga gagtagaagg 20

<210> 2495
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2495
tctcggattt gttaatcagg 20

<210> 2496
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2496
tcctgattaa caaatccgag 20

<210> 2497
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2497
acctctcgga tttgttaatc 20

<210> 2498
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2498
ttcatgagat tagcacctct 20

<210> 2499
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2499
gctaatctca tgaattctcc 20

<210> 2500
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2500
tcatgaattc tcccggacta 20

<210> 2501
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2501
gctatatata accatagtcc 20

<210> 2502
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2502
agctatatat aaccatagtc 20

<210> 2503
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2503
tcagtgatct catgtagctt 20

<210> 2504
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2504
tgatctcatg tagcttaggc 20

<210> 2505
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2505
ctcatgtagc ttaggctggc 20

<210> 2506
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2506
ttgagctcac tatgaagcaa 20

<210> 2507
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2507
aaggatgacc ctgaacttct 20

<210> 2508
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2508
caggaaaacc aagaagttca 20

<210> 2509
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2509
gcaggaaaac caagaagttc 20

<210> 2510

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2510
agcacttgga agatgaaagc 20

<210> 2511
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2511
attcttgtaa tcgcagcact 20

<210> 2512
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2512
gctgccatgt ctagttcatg 20

<210> 2513
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2513
agcaccacat gaactagaca 20

<210> 2514
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2514
tgtctagttc atgtggtgct 20

<210> 2515
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2515
gtctagttca tgtggtgcta 20

<210> 2516
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2516
ggtgctaggg atcaaccctg 20

<210> 2517
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2517
ttaacatgca caaagcctca 20

<210> 2518
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2518
cttaacatgc acaaagcctc 20

<210> 2519
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2519
attcttttga gtcagggtca 20

<210> 2520
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2520
tattcttttg agtcagggtc 20

<210> 2521
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2521
tgaccctgac tcaaaagaat 20

<210> 2522
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2522
gaccctgact caaaagaata 20

<210> 2523
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2523
accctgactc aaaagaatag 20

<210> 2524
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2524
ccctgactca aaagaatagg 20

<210> 2525
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2525
ccccctattc ttttgagtca 20

<210> 2526
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2526
cctgactcaa aagaataggg 20

<210> 2527
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2527
ccccctatt cttttgagtc 20

<210> 2528
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2528
ctgactcaaa agaatagggg 20

<210> 2529
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2529
actcaaaaga ataggggggg 20

<210> 2530
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2530
aaaagaatag gggggagga 20

<210> 2531
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2531
gaataggggg ggaggaagga 20

<210> 2532
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2532
agggggggag gaaggaagga 20

<210> 2533
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2533
ggggaggaag gaaggaagga 20

<210> 2534
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2534
aggaaggaag gaaggaagga 20

<210> 2535
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2535
aggaaggaag gaaggaagga 20

<210> 2536
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2536
ggaaggaagg aaggaaggaa 20

<210> 2537
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2537
aggaaggaag gaaggaaggg 20

<210> 2538
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2538
ggaaggaagg aaggaaggga 20

<210> 2539
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2539
aggaaggaag gaagggaggg 20

<210> 2540
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2540
ggaaggaagg aagggaggga 20

<210> 2541
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2541
aggaaggaag ggagggaggg 20

<210> 2542
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2542
ggaaggaagg gagggaggga 20

<210> 2543
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2543
aggaagggag ggagggaggg 20

<210> 2544
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2544
ggaagggagg gagggaggga 20

<210> 2545
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2545
agggagggag ggagggaggg 20

<210> 2546
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2546

gggagggagg gagggaggga 20

<210> 2547
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2547
agggagggag ggagggaggg 20

<210> 2548
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2548
gggagggagg gagggaggga 20

<210> 2549
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2549
agggagggag ggagggaggg 20

<210> 2550
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2550
gggagggagg gagggaggga 20

<210> 2551
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2551
agggagggag ggagggaggg 20

<210> 2552
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2552
gggagggagg gagggaggga 20

<210> 2553
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2553
agggagggag ggagggaggg 20

<210> 2554
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2554
gggagggagg gagggaggga 20

<210> 2555
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2555
agggagggag ggagggaggg 20

<210> 2556
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2556
agggagggag ggagggagga 20

<210> 2557
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2557
gatgttgaga acaaaagcca 20

<210> 2558
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2558
gaacaaaagc caaggccaac 20

<210> 2559
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2559
gccaaggcca acaggtgagt 20

<210> 2560
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2560
ccaaggccaa caggtgagtt 20

<210> 2561
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2561
cccaactcac ctgttggcct 20

<210> 2562
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2562
ccaacaggtg agttgggatt 20

<210> 2563
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2563
cctaatccca actcacctgt 20

<210> 2564
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2564
aaaagtcctt ttcatagcaa 20

<210> 2565

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2565
aaagtccttt tcatagcaaa 20

<210> 2566
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2566
aagtcctttt catagcaaag 20

<210> 2567
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2567
acatcccctt tgctatgaaa 20

<210> 2568
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2568
ttttcatagc aaaggggatg 20

<210> 2569
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2569
gtggaagaag agaagttgac 20

<210> 2570
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2570
agagaagttg acaggtaagt 20

<210> 2571
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2571
gagaagttga caggtaagta 20

<210> 2572
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2572
agaaaaaaga aaaaaatctg 20

<210> 2573
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2573
aagaaaaaaa tctgtggacc 20

<210> 2574
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2574
agaaaaaaat ctgtggacca 20

<210> 2575
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2575
aaaatctgtg gaccagggca 20

<210> 2576
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2576
ctgcgtttct tgccatgccc 20

<210> 2577
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2577
gagcaaatgt tcataaagag 20

<210> 2578
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2578
caaatgttca taaagagagg 20

<210> 2579
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2579
aaatgttcat aaagagaggt 20

<210> 2580
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2580
gttcataaag agaggtgggc 20

<210> 2581
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2581
cataaagaga ggtgggcagg 20

<210> 2582
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2582
ggtgggcagg aggcagacca 20

<210> 2583
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2583
tctgatgagt cttgagacca 20

<210> 2584
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2584
caagactcat cagagagata 20

<210> 2585
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2585
agagataagg caatatcctg 20

<210> 2586
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2586
tcctgaggag cacccatctg 20

<210> 2587
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2587
cctgaggagc acccatctga 20

<210> 2588
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2588
ccctcagatg ggtgctcctc 20

<210> 2589
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2589
ctgaggagca cccatctgag 20

<210> 2590
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2590
ttgctcaacg cccctcagat 20

<210> 2591
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2591
cttgctcaac gcccctcaga 20

<210> 2592
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2592
tctgaggggc gttgagcaag 20

<210> 2593
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2593
ctgaggggcg ttgagcaagt 20

<210> 2594
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2594
catttctctg cattcacaga 20

<210> 2595
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2595
ttctctgcat tcacagatgg 20

<210> 2596
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2596
tgcaactatc tttagcagtg 20

<210> 2597
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2597
tctttagcag tgaggcatgc 20

<210> 2598
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2598
ctttagcagt gaggcatgct 20

<210> 2599
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2599
atgctgggta gtgctaagag 20

<210> 2600
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2600
tgctgggtag tgctaagagc 20

<210> 2601
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2601

tgggtagtgc taagagcggg 20

<210> 2602
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2602
gggtagtgct aagagcgggc 20

<210> 2603
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2603
ggtagtgcta agagcgggcg 20

<210> 2604
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2604
ctaagagcgg gcggggtctg 20

<210> 2605
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2605
agcgggcggg gtctgtggaa 20

<210> 2606
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2606
gcggggtctg tggaatggag 20

<210> 2607
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2607
aatgacgtgg taataaggag 20

<210> 2608
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2608
agtaaaatga cgtggtaata 20

<210> 2609
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2609
taatcaaaag taaaatgacg 20

<210> 2610
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2610
ctatgtatct tgcctcttga 20

<210> 2611
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2611
gtacttgtgt gaccgtcaag 20

<210> 2612
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2612
agtacttcca gttgaagagt 20

<210> 2613
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2613
tgtaatgcct actcttcaac 20

<210> 2614
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2614
gttgaagagt aggcattaca 20

<210> 2615
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2615
tctgcttcca tgaatattct 20

<210> 2616
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2616
ctgcttccat gaatattcta 20

<210> 2617
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2617
aatgtgccct agaatattca 20

<210> 2618
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2618
ctagggcaca tttttattcc 20

<210> 2619
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2619
tgctttcata tatttttcc 20

<210> 2620

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2620
aaagcatttc taattatgaa 20

<210> 2621
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2621
tttctaatta tgaatggaat 20

<210> 2622
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2622
ctaattatga atggaattgg 20

<210> 2623
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2623
tgaatggaat tggtggttta 20

<210> 2624
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2624
gaatggaatt ggtggtttat 20

<210> 2625
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2625
aatggaattg gtggtttatg 20

<210> 2626
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2626
ggaacacata tgctcagcct 20

<210> 2627
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2627
ggttttggta atttattcca 20

<210> 2628
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2628
ataaattacc aaaaccaaag 20

<210> 2629
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2629
gagtctagcc tctttggttt 20

<210> 2630
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2630
agaagggagt ctagcctctt 20

<210> 2631
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2631
gcttctgttg atcggtagaa 20

<210> 2632
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2632
tgcttctgtt gatcggtaga 20

<210> 2633
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2633
tcttatatgc ttctgttgat 20

<210> 2634
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2634
caacagaagc atataagagt 20

<210> 2635
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2635
ttctctactc taccaacttg 20

<210> 2636
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2636
ctactctacc aacttgtggt 20

<210> 2637
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2637
tactctacca acttgtggtt 20

<210> 2638
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2638
aacaggaccc aaccacaagt 20

<210> 2639
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2639
gtcctgttta gaataataag 20

<210> 2640
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2640
tgcctcttat tattctaaac 20

<210> 2641
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2641
gcatctacat gtagagctct 20

<210> 2642
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2642
tctaggaagc cattcaatgc 20

<210> 2643
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2643
ggtttagatc ctgcattgaa 20

<210> 2644
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2644
tcaatgcagg atctaaacct 20

<210> 2645
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2645
cacagacatt gctaaagcca 20

<210> 2646
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2646
tggctttagc aatgtctgtg 20

<210> 2647
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2647
agcaatgtct gtgcggtact 20

<210> 2648
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2648
caaagaaaac caagatttat 20

<210> 2649
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2649
aaaaccaaga tttatcggaa 20

<210> 2650
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2650
accaagattt atcggaatgg 20

<210> 2651
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2651
tccaccattc cgataaatct 20

<210> 2652
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2652
ggtggacact gaaagtagac 20

<210> 2653
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2653
acactgaaag tagacaggaa 20

<210> 2654
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2654
cctagtgtgc agtgtgcaga 20

<210> 2655
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2655
ccatctgcac actgcacact 20

<210> 2656
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2656

gtgtgcagtg tgcagatgga 20

<210> 2657
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2657
tgtgcagtgt gcagatggaa 20

<210> 2658
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2658
tgcagatgga agggcagtgc 20

<210> 2659
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2659
gcagatggaa gggcagtgct 20

<210> 2660
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2660
cagatggaag ggcagtgctg 20

<210> 2661
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2661
tggggagaat ccattgcatt 20

<210> 2662
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2662
cttcttcttt ccaaatgcaa 20

<210> 2663
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2663
ttagcaaaag aaatcgcaga 20

<210> 2664
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2664
attagcaaaa gaaatcgcag 20

<210> 2665
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2665
gcgatttctt ttgctaatgc 20

<210> 2666
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2666
aagcaagtac tacagtgaaa 20

<210> 2667
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2667
ttcactgtag tacttgcttg 20

<210> 2668
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2668
actgtagtac ttgcttgtgg 20

<210> 2669
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2669
tgtggtggtt tgaatgaaaa 20

<210> 2670
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2670
tgaatgaaaa tggtccccac 20

<210> 2671
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2671
gttttcaaaa atagcctgtg 20

<210> 2672
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2672
agttttcaaa aatagcctgt 20

<210> 2673
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2673
aagttttcaa aaatagcctg 20

<210> 2674
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2674
ttgaaaactt gatccccagt 20

<210> 2675

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2675
ccccagttgg tgaaactgtt 20

<210> 2676
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2676
ccaaacagtt tcaccaactg 20

<210> 2677
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2677
tccaaacagt ttcaccaact 20

<210> 2678
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2678
ttccaaacag tttcaccaac 20

<210> 2679
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2679
gttggtgaaa ctgtttggaa 20

<210> 2680
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2680
gaaactgttt ggaaaggatt 20

<210> 2681
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2681
ttggaaagga ttaggaagtg 20

<210> 2682
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2682
attaggaagt gtggccttgc 20

<210> 2683
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2683
aagtgtggcc ttgctggatg 20

<210> 2684
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2684
ttgacagacc tcatccagca 20

<210> 2685
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2685
tgctggatga ggtctgtcaa 20

<210> 2686
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2686
tggatgaggt ctgtcaatgg 20

<210> 2687
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2687
tgaggtctgt caatggcgga 20

<210> 2688
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2688
gagacagaga gaggcacact 20

<210> 2689
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2689
ggagacagag agaggcacac 20

<210> 2690
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2690
aataagtagg agacagagag 20

<210> 2691
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2691
tcatttttca atcaataagt 20

<210> 2692
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2692
aattctggat ggcagagcaa 20

<210> 2693
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2693
tgggtgatta gaattctgga 20

<210> 2694
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2694
gttttgggtg attagaattc 20

<210> 2695
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2695
taattaggct atatggtttt 20

<210> 2696
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2696
ttaattaggc tatatggttt 20

<210> 2697
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2697
cagtatttaa ttaggctata 20

<210> 2698
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2698
tataaaaaca gtatttaatt 20

<210> 2699
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2699
actgttttta taagttacct 20

<210> 2700
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2700
tttataagtt accttggtca 20

<210> 2701
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2701
taccttggtc atggtacttt 20

<210> 2702
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2702
atcctaaagt accatgacca 20

<210> 2703
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2703
tagttaagaa actaagacat 20

<210> 2704
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2704
cttaaccaaa acaccacaga 20

<210> 2705
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2705
ttaaccaaaa caccacagac 20

<210> 2706
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2706
caagcccgtc tgtggtgttt 20

<210> 2707
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2707
gtcatatgca agcccgtctg 20

<210> 2708
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2708
gcatatgaca acagttctag 20

<210> 2709
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2709
ccctgatcaa atgccctagc 20

<210> 2710
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2710
cctgctaggg catttgatca 20

<210> 2711
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2711

acctgctagg gcatttgatc 20

<210> 2712
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2712
atcagacaca gaacctgcta 20

<210> 2713
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2713
catcagacac agaacctgct 20

<210> 2714
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2714
agcaggttct gtgtctgatg 20

<210> 2715
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2715
gcaggttctg tgtctgatga 20

<210> 2716
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2716
ctgtgtctga tgagggctgc 20

<210> 2717
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2717
tgatgagggc tgctggttca 20

<210> 2718
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2718
gatgagggct gctggttcat 20

<210> 2719
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2719
gagggctgct ggttcatggg 20

<210> 2720
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2720
ctttttctca gtgtccttac 20

<210> 2721
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2721
tttctcagtg tccttacagg 20

<210> 2722
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2722
tcagtgtcct tacaggtgga 20

<210> 2723
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2723
ctggatacct tccacctgta 20

<210> 2724
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2724
tggaaggtat ccagctttct 20

<210> 2725
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2725
aatataaggt ccaagaaagc 20

<210> 2726
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2726
ggaatgcgtg ctttaatata 20

<210> 2727
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2727
aagctatcta ctcacatcaa 20

<210> 2728
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2728
gaggtgctta aatcactttg 20

<210> 2729
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2729
ggaggtgctt aaatcacttt 20

<210> 2730

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2730
tggaggtgct taaatcactt 20

<210> 2731
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2731
cctccaaaac cctccgtctc 20

<210> 2732
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2732
ccggagacgg agggttttgg 20

<210> 2733
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2733
catccggaga cggagggttt 20

<210> 2734
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2734
ggggagcatc cggagacgga 20

<210> 2735
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2735
gggggagcat ccggagacgg 20

<210> 2736
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2736
aatgggggag catccggaga 20

<210> 2737
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2737
gtctccggat gctcccccat 20

<210> 2738
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2738
ttcaccaatg ggggagcatc 20

<210> 2739
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2739
tgaaatctgt tcaccaatgg 20

<210> 2740
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2740
ttgaaatctg ttcaccaatg 20

<210> 2741
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2741
gttgaaatct gttcaccaat 20

<210> 2742
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2742
tgttgaaatc tgttcaccaa 20

<210> 2743
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2743
tttcaacata gcaattgagc 20

<210> 2744
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2744
caacatagca attgagcagg 20

<210> 2745
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2745
tagcaattga gcaggaggaa 20

<210> 2746
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2746
ctggctgtga tcaaataatt 20

<210> 2747
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2747
tttgatcaca gccagtactt 20

<210> 2748
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2748
ttgggtgttc accaaagtac 20

<210> 2749
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2749
gtgaacaccc aaacccagca 20

<210> 2750
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2750
ttcagctcca tgctgggttt 20

<210> 2751
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2751
attcagctcc atgctgggtt 20

<210> 2752
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2752
cagatattca gctccatgct 20

<210> 2753
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2753
acagatattc agctccatgc 20

<210> 2754
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2754
ctgtaatctc agtatccagc 20

<210> 2755
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2755
taatctcagt atccagcagg 20

<210> 2756
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2756
agtatccagc aggtggatat 20

<210> 2757
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2757
gtatccagca ggtggatatt 20

<210> 2758
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2758
tatccagcag gtggatattg 20

<210> 2759
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2759
attccccaat atccacctgc 20

<210> 2760
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2760
attggggaat taagacttca 20

<210> 2761
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2761
taagacttca aggccagact 20

<210> 2762
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2762
acttactatg tagccaagtc 20

<210> 2763
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2763
tagtaagttt gatgccatcc 20

<210> 2764
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2764
agtaagtttg atgccatcct 20

<210> 2765
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2765
ggatctcata tagcccagga 20

<210> 2766
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2766

aacaggatct catatagccc 20

<210> 2767
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2767
tatttggggg ttttggaaac 20

<210> 2768
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2768
ttgtttctat ttgggggttt 20

<210> 2769
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2769
tttttattgt ttctatttgg 20

<210> 2770
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2770
ttttttattg tttctatttg 20

<210> 2771
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2771
tttttttatt gtttctattt 20

<210> 2772
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2772
attttttat tgtttctatt 20

<210> 2773
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2773
aaatagaaac aataaaaaaa 20

<210> 2774
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2774
tagggtagca gtgaacatga 20

<210> 2775
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2775
atgttcactg ctaccctaga 20

<210> 2776
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2776
caagcaaaac tgaccttcta 20

<210> 2777
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2777
acaagcaaaa ctgaccttct 20

<210> 2778
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2778
ttgtaacaga tgactaacag 20

<210> 2779
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2779
agatgactaa cagaggaaca 20

<210> 2780
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2780
ctaacagagg aacaaggtcc 20

<210> 2781
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2781
agcatactgg tagctcttcc 20

<210> 2782
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2782
cagcatactg gtagctcttc 20

<210> 2783
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2783
cggaagagct accagtatgc 20

<210> 2784
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2784
ttcattggca gccagcatac 20

<210> 2785

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2785
taagacttca gcagcttcat 20

<210> 2786
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2786
gctgaagtct tagtagattt 20

<210> 2787
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2787
cttagtagat ttaggagcta 20

<210> 2788
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2788
ctggggctgt gatggaagtc 20

<210> 2789
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2789
tggtggtgct ggggctgtga 20

<210> 2790
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2790
tcacagcccc agcaccacca 20

<210> 2791
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2791
cacagcccca gcaccaccat 20

<210> 2792
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2792
cagtgcccat ggtggtgctg 20

<210> 2793
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2793
gcagtgccca tggtggtgct 20

<210> 2794
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2794
ggcagtgccc atggtggtgc 20

<210> 2795
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2795
ctgctgggca gtgcccatgg 20

<210> 2796
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2796
agactgctgg gcagtgccca 20

<210> 2797
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2797
ctaaaagaag atagactgct 20

<210> 2798
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2798
ccagcagtct atcttctttt 20

<210> 2799
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2799
cctaaaagaa gatagactgc 20

<210> 2800
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2800
ctatcttctt ttaggtcttc 20

<210> 2801
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2801
tttaggtctt caggtgtccc 20

<210> 2802
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2802
ttaggtcttc aggtgtccct 20

<210> 2803
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2803
gtgtccctgg gtagagaaca 20

<210> 2804
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2804
gaagccttgt tctctaccca 20

<210> 2805
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2805
agaagccttg ttctctaccc 20

<210> 2806
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2806
aacaaggctt ctgcttgcat 20

<210> 2807
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2807
acaaggcttc tgcttgcata 20

<210> 2808
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2808
gtgagactgt cactgtactg 20

<210> 2809
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2809
tgtgagactg tcactgtact 20

<210> 2810
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2810
ttgtgagact gtcactgtac 20

<210> 2811
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2811
tcacaatgag tgcagcaatg 20

<210> 2812
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2812
gcagcaatgt ggccacagaa 20

<210> 2813
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2813
cagcaatgtg gccacagaac 20

<210> 2814
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2814
agcaatgtgg ccacagaacg 20

<210> 2815
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2815
acacacattt ccccgttctg 20

<210> 2816
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2816
tcaagctgaa agcttttcac 20

<210> 2817
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2817
tctcttgcta aatgacaaag 20

<210> 2818
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2818
ctaaatgaca aagtggttag 20

<210> 2819
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2819
aatgacaaag tggttagagg 20

<210> 2820
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2820
atgacaaagt ggttagagga 20

<210> 2821
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2821

gtgtagacaa tgaaagctgt 20

<210> 2822
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2822
agctttcatt gtctacactc 20

<210> 2823
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2823
tcttttgaga attttacagt 20

<210> 2824
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2824
ctagtcaaca cagaaataaa 20

<210> 2825
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2825
tttgttttgt tgaaaagaag 20

<210> 2826
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2826
ttgttttgtt gaaaagaagt 20

<210> 2827
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2827
tgttttgttg aaaagaagtg 20

<210> 2828
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2828
gttttgttga aaagaagtgg 20

<210> 2829
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2829
ttgaaaagaa gtgggggttt 20

<210> 2830
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2830
tgggggtttt ggtactgatg 20

<210> 2831
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2831
gggggttttg gtactgatga 20

<210> 2832
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2832
ggggttttgg tactgatgag 20

<210> 2833
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2833
tatgttactt attcattctc 20

<210> 2834
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2834
cttattcatt ctcaggttca 20

<210> 2835
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2835
ttaatctatc atttgtcata 20

<210> 2836
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2836
taataaaagc atgcaaatgc 20

<210> 2837
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2837
tgcaaatgct ggagctctgc 20

<210> 2838
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2838
aaatgctgga gctctgctgg 20

<210> 2839
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2839
ggcggagtac ctgatatgca 20

<210> 2840

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2840
gatcttcatc cttgcatatc 20

<210> 2841
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2841
gctttttat ttgatttctg 20

<210> 2842
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2842
agcttttta tttgatttct 20

<210> 2843
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2843
cagcttttt atttgatttc 20

<210> 2844
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2844
cagaaatcaa ataaaaaagc 20

<210> 2845
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2845
agaaatcaaa taaaaaagct 20

<210> 2846
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2846
taaaaaagct gggcatagtg 20

<210> 2847
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2847
agctgggcat agtgaggaag 20

<210> 2848
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2848
gcatagtgag gaagaggaga 20

<210> 2849
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2849
catagtgagg aagaggagat 20

<210> 2850
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2850
agtgaggaag aggagatggg 20

<210> 2851
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2851
aggagatggg aggattcctg 20

<210> 2852
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2852
gatgggagga ttcctgtggc 20

<210> 2853
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2853
ggaggattcc tgtggctggc 20

<210> 2854
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2854
ttagctgtcc agccagccac 20

<210> 2855
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2855
tggaaataga tgaataggct 20

<210> 2856
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2856
tagcctattc atctatttcc 20

<210> 2857
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2857
tggcctggaa atagatgaat 20

<210> 2858
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2858
catctatttc caggccacta 20

<210> 2859
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2859
atctatttcc aggccactaa 20

<210> 2860
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2860
atttccaggc cactaaggga 20

<210> 2861
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2861
ggtaccatcc cttagtggcc 20

<210> 2862
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2862
tttaaggtac catcccttag 20

<210> 2863
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2863
attattattg ttatttttta 20

<210> 2864
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2864
acaataataa taaataaaaa 20

<210> 2865
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2865
taataaataa aaaaggtagc 20

<210> 2866
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2866
aaaaaggtag ctggttcctg 20

<210> 2867
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2867
tggttcctga ggagcatcta 20

<210> 2868
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2868
gatatcctta gatgctcctc 20

<210> 2869
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2869
gtatgtgcac gtggagttaa 20

<210> 2870
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2870
gtatacagtg tatgtgcacg 20

<210> 2871
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2871
tgcacataca ctgtatacac 20

<210> 2872
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2872
tttttttggt aaaacttgat 20

<210> 2873
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2873
ttttttttt ttttttttt 20

<210> 2874
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2874
aagaacactt tattcactgt 20

<210> 2875
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2875
aacactttat tcactgttgg 20

<210> 2876
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2876

acactttatt cactgttggt 20

<210> 2877
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2877
ctgttggtgg gtatgtaaac 20

<210> 2878
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2878
ctctgtgctg attttcatag 20

<210> 2879
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2879
cactatgaaa atcagcacag 20

<210> 2880
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2880
ttgttttgtt ggagtgggaa 20

<210> 2881
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2881
tttgttttgt tggagtggga 20

<210> 2882
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2882
ttgttttgtt ttgttggagt 20

<210> 2883
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2883
tttgttttgt tttgttggag 20

<210> 2884
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2884
tttgttttgt tttgttttgt 20

<210> 2885
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2885
gttctagttc tagttctaga 20

<210> 2886
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2886
agttctagtt ctagttctag 20

<210> 2887
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2887
ctagaactac tgcacgatcc 20

<210> 2888
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2888
gatccaggtt taccactcct 20

<210> 2889
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2889
atacctagga gtggtaaacc 20

<210> 2890
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2890
tttgagtaaa tacctaggag 20

<210> 2891
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2891
actcctaggt atttactcaa 20

<210> 2892
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2892
agtcctttga gtaaatacct 20

<210> 2893
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2893
tatacgtcaa cctgtgacag 20

<210> 2894
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2894
gtatatgatg cctctgtcac 20

<210> 2895

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2895
cagaggcatc atatacaagc 20

<210> 2896
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2896
agaggcatca tatacaagca 20

<210> 2897
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2897
catcatatac aagcagggag 20

<210> 2898
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2898
catatacaag cagggagtgg 20

<210> 2899
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2899
tgaggggtgg gattaaaggc 20

<210> 2900
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2900
tgcctttaat cccacccctc 20

<210> 2901
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2901
ctcctgaggg gtgggattaa 20

<210> 2902
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2902
ctttaatccc acccctcagg 20

<210> 2903
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2903
gactctgcct cctgaggggt 20

<210> 2904
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2904
tgactctgcc tcctgagggg 20

<210> 2905
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2905
acccctcagg aggcagagtc 20

<210> 2906
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2906
acctgactct gcctcctgag 20

<210> 2907
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2907
tacctgactc tgcctcctga 20

<210> 2908
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2908
ctacctgact ctgcctcctg 20

<210> 2909
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2909
ggtagatctc tgtgagttcg 20

<210> 2910
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2910
ctgtgagttc gaggccagtt 20

<210> 2911
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2911
actcactatg tagaccaaac 20

<210> 2912
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2912
catatggcta tatggtctta 20

<210> 2913
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2913
cataagacca tatagccata 20

<210> 2914
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2914
aagaccatat agccatatgg 20

<210> 2915
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2915
agaccatata gccatatgga 20

<210> 2916
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2916
gaccatatag ccatatggag 20

<210> 2917
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2917
accatatagc catatggagg 20

<210> 2918
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2918
ccatatagcc atatggaggg 20

<210> 2919
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2919
ccccccctcca tatggctata 20

<210> 2920
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2920
ctcacaatcc cccctccata 20

<210> 2921
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2921
gagagaatta ttaaatgaat 20

<210> 2922
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2922
tatacactgt cttctttcat 20

<210> 2923
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2923
cataggaaaa atgaacagaa 20

<210> 2924
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2924
ataggaaaaa tgaacagaaa 20

<210> 2925
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2925
aacagaaagg gagagatctt 20

<210> 2926
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2926
acagaaaggg agagatcttt 20

<210> 2927
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2927
gaaagggaga gatctttggg 20

<210> 2928
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2928
aaagggagag atctttgggt 20

<210> 2929
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2929
aagggagaga tctttgggtg 20

<210> 2930
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2930
atacatgaca tgaaagcaga 20

<210> 2931
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2931

tacatgacat gaaagcagaa 20

<210> 2932
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2932
acatgacatg aaagcagaag 20

<210> 2933
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2933
agcagaaggg gattagttat 20

<210> 2934
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2934
gaaggggatt agttattgga 20

<210> 2935
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2935
gggattagtt attggaaggc 20

<210> 2936
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2936
ggattagtta ttggaaggca 20

<210> 2937
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2937
ttagttattg gaaggcaggg 20

<210> 2938
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2938
tagttattgg aaggcaggga 20

<210> 2939
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2939
tggaaggcag ggagggaccc 20

<210> 2940
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2940
aaggcaggga gggacccagg 20

<210> 2941
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2941
ggagggaccc aggaggatga 20

<210> 2942
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2942
gagggaccca ggaggatgaa 20

<210> 2943
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2943
tctcttccct tcatcctcct 20

<210> 2944
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2944
ttctcttccc ttcatcctcc 20

<210> 2945
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 2945
gatgaaggga agagaatgca 20

<210> 2946
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2946
atgaagggaa gagaatgcaa 20

<210> 2947
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2947
gggaagagaa tgcaagggaa 20

<210> 2948
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2948
aatgcaaggg aaaggagtaa 20

<210> 2949
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2949
gcaagggaaa ggagtaaagg 20

<210> 2950

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2950
agggaaagga gtaaaggagg 20

<210> 2951
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2951
gaaaggagta aaggaggagg 20

<210> 2952
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2952
agtaaaggag gaggaggtag 20

<210> 2953
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2953
tattaattcc agcacttgtg 20

<210> 2954
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2954
taattccagc acttgtgagg 20

<210> 2955
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2955
aattccagca cttgtgagga 20

<210> 2956
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2956
attccagcac ttgtgaggag 20

<210> 2957
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2957
tgtcccctcc tcacaagtgc 20

<210> 2958
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2958
gacagagctc tgtgagttca 20

<210> 2959
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2959
tggaactgac tatgcagagg 20

<210> 2960
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2960
ctggaactga ctatgcagag 20

<210> 2961
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2961
ccctctgcat agtcagttcc 20

<210> 2962
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2962
cctggaactg actatgcaga 20

<210> 2963
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2963
tcctggaact gactatgcag 20

<210> 2964
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2964
gtcagttcca ggatagccaa 20

<210> 2965
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2965
tatgtagcca ttggctatcc 20

<210> 2966
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2966
gggtctcatt atgtagccat 20

<210> 2967
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2967
atgagaccct gtgtcagaga 20

<210> 2968
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2968
agaccctgtg tcagagaagg 20

<210> 2969
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2969
cggccacctt ctctgacaca 20

<210> 2970
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2970
cctgtgtcag agaaggtggc 20

<210> 2971
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2971
ccggccacct tctctgacac 20

<210> 2972
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2972
gtcagagaag gtggccggcg 20

<210> 2973
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2973
tcagagaagg tggccggcga 20

<210> 2974
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2974
taagcatcaa tatccctcgc 20

<210> 2975
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2975
taactcattc agctgtgtgg 20

<210> 2976
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2976
gtttaactca ttcagctgtg 20

<210> 2977
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2977
agtgcaaaag tagcaggaac 20

<210> 2978
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2978
attgaaagtg caaaagtagc 20

<210> 2979
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2979
atgctcccag attacttaca 20

<210> 2980
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2980
aaattccatg taagtaatct 20

<210> 2981
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2981
taaattccat gtaagtaatc 20

<210> 2982
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2982
atggaattta tattttattg 20

<210> 2983
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2983
gaggtttgtc tatgatgtac 20

<210> 2984
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2984
ttggttgaaa atttttcttg 20

<210> 2985
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2985
aaattttcaa ccaatagtcc 20

<210> 2986
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2986

gttatttttg cctggactat 20

<210> 2987
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2987
aaaaagaggt tatttttgcc 20

<210> 2988
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2988
agaaagaaag aaagaaaaag 20

<210> 2989
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2989
tctttttttt ttttttttt 20

<210> 2990
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2990
ttttttggt tttttgaaac 20

<210> 2991
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2991
tttttggtt ttttgaaaca 20

<210> 2992
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2992
agggtttctc tgtatagccc 20

<210> 2993
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2993
ctgtatagcc ctggctgtcc 20

<210> 2994
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2994
agtgagttcc aggacagcca 20

<210> 2995
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2995
aagtgagttc caggacagcc 20

<210> 2996
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2996
tggtgtacaa agtgagttcc 20

<210> 2997
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2997
tggaactcac tttgtacacc 20

<210> 2998
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2998
actcactttg tacaccaggc 20

<210> 2999
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2999
ttctgagttc gaggccagcc 20

<210> 3000
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3000
caggtggatt tctgagttcg 20

<210> 3001
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3001
actcgggagg cagaggcagg 20

<210> 3002
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3002
agcactcggg aggcagaggc 20

<210> 3003
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3003
gcctctgcct cccgagtgct 20

<210> 3004
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3004
tccgagcact cgggaggcag 20

<210> 3005

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3005
ctttaatccg agcactcggg 20

<210> 3006
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3006
ctcccgagtg ctcggattaa 20

<210> 3007
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3007
cgcctttaat ccgagcactc 20

<210> 3008
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3008
acgcctttaa tccgagcact 20

<210> 3009
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3009
tatttttgc gggacggtgg 20

<210> 3010
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3010
ggttattttt tgcgggacgg 20

<210> 3011
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3011
acaggttatt ttttgcggga 20

<210> 3012
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3012
aaaaacaggt tatttttgc 20

<210> 3013
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3013
caaaaacagg ttatttttg 20

<210> 3014
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3014
ataattaaaa caacaaaaac 20

<210> 3015
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3015
tttttaagat tttatgtgta 20

<210> 3016
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3016
ttttaagatt ttatgtgtat 20

<210> 3017
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3017
ctgtgtacca cttgtatgct 20

<210> 3018
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3018
ttgggcacca agcatacaag 20

<210> 3019
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3019
tgtatgcttg gtgcccaaga 20

<210> 3020
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3020
tgatctgttc tgtccttctt 20

<210> 3021
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3021
atgatctgtt ctgtccttct 20

<210> 3022
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3022
agaaggacag aacagatcat 20

<210> 3023
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3023
gaaggacaga acagatcata 20

<210> 3024
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3024
gaacagatca tagggtttcc 20

<210> 3025
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3025
aacagatcat agggtttcct 20

<210> 3026
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3026
tttcctggga taagagttat 20

<210> 3027
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3027
actcctataa ctcttatccc 20

<210> 3028
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3028
gatgactgta agccaccaag 20

<210> 3029
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3029
gtaagccacc aagtggacgc 20

<210> 3030
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3030
taagccacca agtggacgct 20

<210> 3031
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3031
aattcccagc gtccacttgg 20

<210> 3032
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3032
ttcaattccc agcgtccact 20

<210> 3033
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3033
ggacgctggg aattgaacct 20

<210> 3034
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3034
ggaattgaac cttggttagc 20

<210> 3035
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3035
gacactcttc cagctaacca 20

<210> 3036
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3036
gggactggaa ttaaaaatac 20

<210> 3037
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3037
catagacaaa caacggggac 20

<210> 3038
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3038
atcttcatag acaaacaacg 20

<210> 3039
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3039
aatcttcata gacaaacaac 20

<210> 3040
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3040
aaatcttcat agacaaacaa 20

<210> 3041
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3041

ttgtctatga agattttgct 20

<210> 3042
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3042
ttttgcttgg tagtccagtc 20

<210> 3043
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3043
ccagtctggc tttaagaaac 20

<210> 3044
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3044
cctgtttctt aaagccagac 20

<210> 3045
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3045
cagtctggct ttaagaaaca 20

<210> 3046
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3046
aacagggtct catgcatccc 20

<210> 3047
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3047
atggaagtct gagcaagcca 20

<210> 3048
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3048
catggaagtc tgagcaagcc 20

<210> 3049
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3049
ctcagacttc catgcagctg 20

<210> 3050
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3050
gacttccatg cagctgagga 20

<210> 3051
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3051
taaagccatc ctcagctgca 20

<210> 3052
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3052
tctacgagga aaaggcagga 20

<210> 3053
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3053
ctctacgagg aaaaggcagg 20

<210> 3054
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3054
gcactctacg aggaaaaggc 20

<210> 3055
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3055
ctcagcactc tacgaggaaa 20

<210> 3056
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3056
tgtaatctca gcactctacg 20

<210> 3057
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3057
gagaagtctg ctggtggcac 20

<210> 3058
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3058
tgttaggaga agtctgctgg 20

<210> 3059
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3059
tcttgttagg agaagtctgc 20

<210> 3060

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3060
gacttctcct aacaagaatg 20

<210> 3061
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3061
tcctaacaag aatgtggcac 20

<210> 3062
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3062
cctaacaaga atgtggcaca 20

<210> 3063
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3063
ccctgtgcca cattcttgtt 20

<210> 3064
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3064
aacaagaatg tggcacaggg 20

<210> 3065
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3065
atgtggcaca gggaggcaac 20

<210> 3066
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3066
tgtggcacag ggaggcaact 20

<210> 3067
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3067
gaggcaactg ggaatcaaac 20

<210> 3068
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3068
caactgggaa tcaaacagga 20

<210> 3069
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3069
ctgggaatca aacaggaagg 20

<210> 3070
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3070
aaacaggaag gaggagtaaa 20

<210> 3071
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3071
aggaaggagg agtaaaagga 20

<210> 3072
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3072
ggaaggagga gtaaaaggaa 20

<210> 3073
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3073
gaaggaggag taaaaggaag 20

<210> 3074
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3074
ggaggagtaa aaggaagggg 20

<210> 3075
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3075
gagtaaaagg aaggggagga 20

<210> 3076
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3076
aaaggaaggg gaggaaggag 20

<210> 3077
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3077
gggaggaagg agaggagaag 20

<210> 3078
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3078
ggaaggagag gagaagtggc 20

<210> 3079
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3079
aggagaggag aagtggcagg 20

<210> 3080
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3080
gtggcaggag gagaagaaaa 20

<210> 3081
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3081
gcaggaggag aagaaaaagg 20

<210> 3082
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3082
ggaggagaag aaaaaggagg 20

<210> 3083
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3083
agaaaaagga ggcggagaaa 20

<210> 3084
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3084
aaaaggaggc ggagaaaagg 20

<210> 3085
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3085
aggcggagaa aaggtggtag 20

<210> 3086
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3086
cggagaaaag gtggtagtgg 20

<210> 3087
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3087
agaaaaggtg gtagtggtgg 20

<210> 3088
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3088
ggtggtagtg gtggaggaag 20

<210> 3089
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3089
ggtagtggtg gaggaagagg 20

<210> 3090
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3090
agtggtggag gaagaggagg 20

<210> 3091
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3091
ggtggaggaa gaggaggagg 20

<210> 3092
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3092
ggaggaagag gaggaggagg 20

<210> 3093
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3093
ggaagaggag gaggaggagg 20

<210> 3094
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3094
agaggaggag gaggaggagg 20

<210> 3095
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3095
ggaggaggag gaggaggagg 20

<210> 3096
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3096

ggaggaggag gaggaggagg 20

<210> 3097
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3097
gaggaggagg aggaggagga 20

<210> 3098
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3098
aggaggagga ggaggaggag 20

<210> 3099
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3099
ggaggaggag gaggaggagg 20

<210> 3100
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3100
gaggggact taatcagtaa 20

<210> 3101
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3101
acttaatcag taaaggaaaa 20

<210> 3102
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3102
aaaaggctga gctcagtcct 20

<210> 3103
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3103
ctcagtcctt ggaacctaca 20

<210> 3104
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3104
gtccttggaa cctacatggt 20

<210> 3105
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3105
ctcctaccat gtaggttcca 20

<210> 3106
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3106
ctcattctct cctaccatgt 20

<210> 3107
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3107
gtttcctctg atccccacac 20

<210> 3108
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3108
tgctccagtg tggggatcag 20

<210> 3109
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3109
tgatccccac actggagcaa 20

<210> 3110
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3110
ggcaccattg ctccagtgtg 20

<210> 3111
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3111
tggcaccatt gctccagtgt 20

<210> 3112
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3112
atggcaccat tgctccagtg 20

<210> 3113
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3113
gaagtgggag agtgatgtga 20

<210> 3114
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3114
tgtgaggagt tgggtgaagt 20

<210> 3115

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3115
ttgtgaggag ttgggtgaag 20

<210> 3116
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3116
ttttattttt gtgaggagtt 20

<210> 3117
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3117
tttttatttt tgtgaggagt 20

<210> 3118
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3118
ttttgttttt tatttttgtg 20

<210> 3119
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3119
ttaaaaaaga aagctgtagc 20

<210> 3120
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3120
taaaaaagaa agctgtagcc 20

<210> 3121
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3121
aagaaagctg tagccgggcg 20

<210> 3122
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3122
aaagctgtag ccgggcgtgg 20

<210> 3123
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3123
aaagtgtgtg ccaccacgcc 20

<210> 3124
<211> 20
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3124
gtggcacaca cttttaatcc 20

<210> 3125
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3125
acacttttaa tcccggcact 20

<210> 3126
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3126
cacttttaat cccggcactt 20

<210> 3127
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3127
ttttaatccc ggcacttggg 20

<210> 3128
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3128
tcccggcact tgggaggcag 20

<210> 3129
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3129
gcctctgcct cccaagtgcc 20

<210> 3130
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3130
tgcctctgcc tcccaagtgc 20

<210> 3131
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3131
acttgggagg cagaggcaag 20

<210> 3132
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3132
caagcggatt tctgagttcg 20

<210> 3133
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3133
ttctgagttc gaggccagct 20

<210> 3134
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3134
actcactttg tagaccaagc 20

<210> 3135
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3135
tggtctacaa agtgagttcc 20

<210> 3136
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3136
aagtgagttc caggacagcc 20

<210> 3137
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3137
agtgagttcc aggacagcca 20

<210> 3138
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3138
ctgtgtagcc ctggctgtcc 20

<210> 3139
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3139
agggtttctc tgtgtagccc 20

<210> 3140
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3140
tcttttggtt tttcaagaca 20

<210> 3141
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3141
ttcttttggt ttttcaagac 20

<210> 3142
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3142
acagctttct ttttttcttt 20

<210> 3143
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3143
tatattaata tagcaaagca 20

<210> 3144
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3144
atatattaat atagcaaagc 20

<210> 3145
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3145
tgtttttct tatagaatta 20

<210> 3146
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3146
ttctggaggg aggaaaagga 20

<210> 3147
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3147
ctcattctgg agggaggaaa 20

<210> 3148
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3148
gggccuuaug caucuccauc 20

<210> 3149
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3149
uaaucagcau auuauccaga 20

<210> 3150
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3150
cccuuuugua cguuuuuuaa 20

<210> 3151
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3151

cuguaucuuc uuagccagua 20

<210> 3152
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3152
guuaacgcgu cauuuacauu 20

<210> 3153
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3153
uacaauaaau uagccggaug 20

<210> 3154
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3154
aaacuuuuag gagucaaagu 20

<210> 3155
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3155
aaaacuuuua ggagucaaag 20

<210> 3156
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3156
aauguuaaca guguuggcuu 20

<210> 3157
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3157
gugguggcug caggugaggg 20

<210> 3158
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3158
uacuaaaaug uuaacagugu 20

<210> 3159
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3159
aaaaaaggac uugacaugca 20

<210> 3160
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3160
gucccagcuu cucuugaggg 20

<210> 3161
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3161
guuaacagug uuggcuuugg 20

<210> 3162
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3162
guuggugguc acugacagug 20

<210> 3163
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3163
gaaacuagug gcuaccguac 20

<210> 3164
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3164
aaaaaacgua caaaaggggc 20

<210> 3165
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3165
agccccaggc caucaaccgg 20

<210> 3166
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3166
ggcagccaga cagaugcuuc 20

<210> 3167
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3167
cuggagaaca aaagcauuuu 20

<210> 3168
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3168
aucuuagauu uaugcaaugu 20

<210> 3169
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3169
acaaguagaa ucagaauucu 20

<210> 3170

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3170
aauaucggcu cacugcaacc 20

<210> 3171
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3171
cccucaagag aagcugggac 20

<210> 3172
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3172
ucuuaggaga ugacgagguu 20

<210> 3173
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3173
aauaauaaag aacuagagaa 20

<210> 3174
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3174
aaaaacguac aaaaggggcc 20

<210> 3175
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3175
ggcugagcag gcggagaagu 20

<210> 3176
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3176
agagaaagga gaacagucug 20

<210> 3177
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3177
cuucuuucuc uuucacgaga 20

<210> 3178
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3178
aaucuuagau uuaugcaaug 20

<210> 3179
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3179
cugagcaggc ggagaaguag 20

<210> 3180
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3180
accuaguguu gacaaggcug 20

<210> 3181
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3181
ucccagcuuc ucuugagggu 20

<210> 3182
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3182
aauaauucug uugggacgac 20

<210> 3183
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3183
ccuauaaaga ggacguuucc 20

<210> 3184
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3184
ccuucuuucu cuuucacgag 20

<210> 3185
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3185
cccaucgaag uacucaccau 20

<210> 3186
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3186
gugucauaug uugcuggugg 20

<210> 3187
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3187
aauguaaaug acgcguuaac 20

<210> 3188
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3188
gccuuugagc caaguggauu 20

<210> 3189
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3189
gucagacucu gugcuggcug 20

<210> 3190
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3190
ccgucaauag cauuccgguu 20

<210> 3191
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3191
ccauuaaaaa acguacaaaa 20

<210> 3192
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3192
gggauuuggg gaggaugggg 20

<210> 3193
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3193
acugugucau auguugcugg 20

<210> 3194
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3194
uacaauguug uggaccgggc 20

<210> 3195
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3195
gauagaguag caaacaaaac 20

<210> 3196
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3196
gcucucaaag gagacugaga 20

<210> 3197
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3197
ggaagagcaa ggagcuccug 20

<210> 3198
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3198
ugugucauau guugcuggug 20

<210> 3199
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3199
cugagaaggu guaccuagag 20

<210> 3200
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3200
guccgggagc caguuccugc 20

<210> 3201
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3201
uuaggagaug acgagguugg 20

<210> 3202
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3202
ggaggaagca gagcucucaa 20

<210> 3203
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3203
agucaucagc cugggaaaca 20

<210> 3204
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3204
uccgggagcc aguuccugca 20

<210> 3205
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3205
gagcaaggag cuccugaggc 20

<210> 3206
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3206

ucugguacaa uguuguggac 20

<210> 3207
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3207
ccugggagug ucugacaacc 20

<210> 3208
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3208
ccaguuccug cagggccucg 20

<210> 3209
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3209
uagggaaugg gcugagcagg 20

<210> 3210
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3210
agcuuucugu cccugugaga 20

<210> 3211
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3211
ucgucucccu gccuucucac 20

<210> 3212
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3212
cgaaguacuc accaugggca 20

<210> 3213
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3213
aggccacugg accaugccca 20

<210> 3214
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3214
ggcagggaga cgagucuaau 20

<210> 3215
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3215
gggcuuagau uuaugcaaua 20

<210> 3216
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3216
uucagcgaag acaagggauu 20

<210> 3217
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3217
cauggcccac gaggcccugc 20

<210> 3218
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3218
caguuccugc agggccucgu 20

<210> 3219
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3219
cauuaaaaaa cguacaaaag 20

<210> 3220
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3220
aggcagggag acgagucuaa 20

<210> 3221
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3221
cuaacaucug gaugaaccug 20

<210> 3222
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3222
ccaguggccu gucuucuccu 20

<210> 3223
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3223
uauuacaaau acugccgcua 20

<210> 3224
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3224
gcagggagac gagucuaaug 20

<210> 3225

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3225
caaucugcuu gagaaacagg 20

<210> 3226
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3226
ggcuuagauu uaugcaauau 20

<210> 3227
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3227
acacucccag ggcucacucu 20

<210> 3228
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3228
uaugggcuca uucugccccu 20

<210> 3229
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3229
cgaagacaag ggauuugggg 20

<210> 3230
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3230
agcacagagu cugacauuga 20

<210> 3231
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3231
gucuuaggag augacgaggu 20

<210> 3232
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3232
gcugagcagg cggagaagua 20

<210> 3233
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3233
uuccaaucug cuugagaaac 20

<210> 3234
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3234
gagaucauaa uacaucucag 20

<210> 3235
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3235
gcccaucgaa guacucacca 20

<210> 3236
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3236
caggcggaga aguaggggug 20

<210> 3237
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3237
uugaaaccca gucaccaaug 20

<210> 3238
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3238
acauaaucca acugagaguc 20

<210> 3239
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3239
gugaguguac ugagucuccg 20

<210> 3240
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3240
caauggaguc acacagcaug 20

<210> 3241
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3241
gggguggggg gacgcauuug 20

<210> 3242
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3242
aacugagagu caggaaaccu 20

<210> 3243
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3243
ugcucacuuc cauaaggaua 20

<210> 3244
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3244
auuuggggag gaugggggagg 20

<210> 3245
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3245
cgggcuggcc acggcaagug 20

<210> 3246
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3246
cucaauguca gacucugugc 20

<210> 3247
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3247
ugcagacuau uaauugcaag 20

<210> 3248
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3248
acaggcguga gccacgggcc 20

<210> 3249
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3249
caucaauugu gccaggcccg 20

<210> 3250
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3250
cagcacagag ucugacauug 20

<210> 3251
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3251
guugcagacu auuaauugca 20

<210> 3252
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3252
gcaagugugg caacaggguc 20

<210> 3253
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3253
uagggucuug gaguuuugau 20

<210> 3254
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3254
aaagccucac auggcccacg 20

<210> 3255
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3255
ccucgaggug agcgugugcu 20

<210> 3256
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3256
gcaggcggag aaguaggggu 20

<210> 3257
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3257
cauuuuugug gacaguugug 20

<210> 3258
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3258
uugcagacua uuaauugcaa 20

<210> 3259
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3259
cugguuguca gacacuccca 20

<210> 3260
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3260
cagcgaagac aagggauuug 20

<210> 3261
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3261

ucagcgaaga caagggauuu 20

<210> 3262
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3262
uggauuugaa aauaagaagu 20

<210> 3263
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3263
agguuuaaaa auauugggug 20

<210> 3264
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3264
uuggcccagg gugguggcag 20

<210> 3265
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3265
acagaaaaag cugucaccaa 20

<210> 3266
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3266
acaagggauu uggggaggau 20

<210> 3267
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3267
ggcagcccca ggccaucaac 20

<210> 3268
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3268
cagguuccca gcuguacaau 20

<210> 3269
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3269
aggcggagaa guaggggugg 20

<210> 3270
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3270
aguguggugg cugcagguga 20

<210> 3271
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3271
agcacauugg gcagacacaa 20

<210> 3272
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3272
ccacgaggcc cugcaggaac 20

<210> 3273
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3273
cgucucccug ccuucucaca 20

<210> 3274
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3274
agauacuaau cccauguaug 20

<210> 3275
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3275
uuaggcuuug cccucauaca 20

<210> 3276
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3276
cuacucgggg gaggcugaag 20

<210> 3277
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3277
accucacugc cucagcagcg 20

<210> 3278
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3278
uugaggaccc aggagaagac 20

<210> 3279
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3279
cuuaggagau gacgagguug 20

<210> 3280

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3280
ggcggagaag uagggguggg 20

<210> 3281
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3281
cugguacaau guuguggacc 20

<210> 3282
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3282
ggcaaagcau ucugggcaga 20

<210> 3283
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3283
gaaaauuacg gugacugcug 20

<210> 3284
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3284
ggaccaaccu aguguugaca 20

<210> 3285
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3285
gcuuuuguuc uccaguuugu 20

<210> 3286
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3286
ugauuuaauc accaacaaac 20

<210> 3287
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3287
auuuagcaau guuuacuggg 20

<210> 3288
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3288
ggcauugaau ccaauaugug 20

<210> 3289
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3289
guguuaccau cagagauugc 20

<210> 3290
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3290
guaggccauu cagugcuuac 20

<210> 3291
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3291
uuugaaaaua agaaguuggc 20

<210> 3292
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3292
caccucguuc cgccgguuga 20

<210> 3293
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3293
acacgcucac cucgagggcu 20

<210> 3294
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3294
gauauccagu aagcacugaa 20

<210> 3295
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3295
uggauuuagc aauguuuacu 20

<210> 3296
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3296
uaaagaggac guuuccuggc 20

<210> 3297
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3297
uuaaucuguc uuuugucgua 20

<210> 3298
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3298
auaggaaaug ccuuacugug 20

<210> 3299
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3299
cuuacuggau aucugaaccu 20

<210> 3300
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3300
aguaaacauu gcuaaaucca 20

<210> 3301
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3301
ggguucuugc cuuggguau 20

<210> 3302
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3302
gugaggcuuu guggaacuug 20

<210> 3303
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3303
acaucuuacu acuaccacau 20

<210> 3304
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3304
ccaccaacac cccuugccuu 20

<210> 3305
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3305
uuuuugggag accaaaggca 20

<210> 3306
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3306
uuucauccuc cacgcugcug 20

<210> 3307
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3307
ucagagccac augaaacuag 20

<210> 3308
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3308
uccauuaaaa aacguacaaa 20

<210> 3309
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3309
aaaaaaagga cuugacaugc 20

<210> 3310
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3310
gcuccugagg cuggagcuag 20

<210> 3311
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3311
agaaggugua ccuagagugg 20

<210> 3312
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3312
ggugccagca gauuuggguc 20

<210> 3313
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3313
gauacuaauc ccauguauga 20

<210> 3314
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3314
gaaauccgag agugagcccu 20

<210> 3315
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3315
aaaaccccug caaucucuga 20

<210> 3316
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3316

uaauaauauu uauauuauuc 20

<210> 3317
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3317
agaaaagaaa ugcaagaaau 20

<210> 3318
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3318
ugaacugugu cauauguugc 20

<210> 3319
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3319
cagaaagcuu ucuguaucuc 20

<210> 3320
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3320
agaagcuggg acuggcugug 20

<210> 3321
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3321
cuucucuuga ggguggggau 20

<210> 3322
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3322
gcccagaaug cuuugcccac 20

<210> 3323
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3323
agcaggcgga gaaguagggg 20

<210> 3324
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3324
ucuccucuag cuccagccuc 20

<210> 3325
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3325
gguuaaauga aagggaaagc 20

<210> 3326
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3326
cuaaagcgcg ccuuuccuca 20

<210> 3327
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3327
agaagaugcu ggcuuggccc 20

<210> 3328
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3328
caggagcucc uugcucuucc 20

<210> 3329
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3329
cugugucaua uguugcuggu 20

<210> 3330
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3330
uagcacauug ggcagacaca 20

<210> 3331
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3331
gaagcauauc acuucugcua 20

<210> 3332
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3332
guuguggacc gggcuggcca 20

<210> 3333
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3333
uccaguggcc ugucuucucc 20

<210> 3334
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3334
aauuuccugc ugugacaaca 20

<210> 3335

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3335
caagggauuu ggggaggaug 20

<210> 3336
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3336
aggaaguagg gaacagggac 20

<210> 3337
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3337
accuccaucu cuauaaaaau 20

<210> 3338
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3338
uuacuucucu uuggcuauga 20

<210> 3339
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3339
ucccacuggc ccacguugca 20

<210> 3340
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3340
cagccauguu gcuucuccuu 20

<210> 3341
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3341
uauuuuucuc ccuguuuaga 20

<210> 3342
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3342
gggcaaagca uucugggcag 20

<210> 3343
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3343
gaaggaggcg agacaccugu 20

<210> 3344
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3344
auuuccugcu gugacaacaa 20

<210> 3345
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3345
aagaaaagaa augcaagaaa 20

<210> 3346
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3346
gcuucucuug aggggggga 20

<210> 3347
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3347
auuaaucugu cuuuugucgu 20

<210> 3348
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3348
acaggaggaa cgcacgcagc 20

<210> 3349
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3349
ccugguuguc agacacuccc 20

<210> 3350
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3350
aggucaacau caauugugcc 20

<210> 3351
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3351
gacaagggau uuggggagga 20

<210> 3352
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3352
ggcuuagauc uaaauacucc 20

<210> 3353
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3353
gagcacacag ccucacagua 20

<210> 3354
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3354
guuaccauca gagauugcag 20

<210> 3355
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3355
uuggauuuag caauguuuac 20

<210> 3356
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3356
cuuggaguuu ugauaggcac 20

<210> 3357
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3357
auuuaauaaa agagaaaccu 20

<210> 3358
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3358
uuuaauaaaa gagaaaccuu 20

<210> 3359
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3359
auuaaaaagc agggagaagg 20

<210> 3360
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3360
gaguuccaga agcaucuguc 20

<210> 3361
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3361
gaagaugcug gcuuggccca 20

<210> 3362
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3362
gcuagaggag agagagucuu 20

<210> 3363
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3363
cgaaggaggc gagacaccug 20

<210> 3364
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3364
gacaaacagc cuuugucuuc 20

<210> 3365
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3365
uauuggauuc aaugccaaua 20

<210> 3366
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3366
uccccacccu caagagaagc 20

<210> 3367
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3367
ucacagcaga guggcccuuu 20

<210> 3368
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3368
gauugagagg gaauuggaac 20

<210> 3369
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3369
uuuugggaga ccaaaggcaa 20

<210> 3370
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3370
cccagcuucu cuugagggug 20

<210> 3371
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3371

gacugcacuc accucggaac 20

<210> 3372
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3372
ggcaacaggg uccgguuccg 20

<210> 3373
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3373
ugacgagguu gggggugucc 20

<210> 3374
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3374
uaggcuuugc ccucauacau 20

<210> 3375
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3375
ugaagcauau cacuucugcu 20

<210> 3376
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3376
aaucagaauu cuugguuuca 20

<210> 3377
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3377
gauguucuaa aaauccuuau 20

<210> 3378
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3378
agacaaaugc uuucugcggg 20

<210> 3379
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3379
uguuaccauc agagauugca 20

<210> 3380
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3380
cccgccaaag cguuuugcgc 20

<210> 3381
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3381
caguugugug gaaauaugau 20

<210> 3382
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3382
acgaugucca caaagaagac 20

<210> 3383
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3383
uuaggcgaca ggcauauuca 20

<210> 3384
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3384
gcugguuuaa agcacugaug 20

<210> 3385
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3385
ccaggaaacg uccucuuuau 20

<210> 3386
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3386
ucagcccauu cccuauaaag 20

<210> 3387
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3387
agaaagcuuu cuguaucuca 20

<210> 3388
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3388
acuuauuaaa uaaguaugga 20

<210> 3389
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3389
auuggauugc acccaggaau 20

<210> 3390

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3390
ugcuuucaga gccaauuccu 20

<210> 3391
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3391
uucugccccu ugguccaaaa 20

<210> 3392
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3392
caaaugguga gcugagggac 20

<210> 3393
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3393
ccuuuagcuu ccaccacucu 20

<210> 3394
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3394
aggucaaccu aguuuaaaua 20

<210> 3395
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3395
uugguugccu gucuucuuug 20

<210> 3396
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3396
agaaauccga gagugagccc 20

<210> 3397
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3397
acugcaaccu uccgcccgcc 20

<210> 3398
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3398
aucgauugaa cccaggcggg 20

<210> 3399
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3399
uaggcgacag gcauauucau 20

<210> 3400
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3400
ggcguguucc aggaagagca 20

<210> 3401
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3401
caagcacacg cucaccucga 20

<210> 3402
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3402
uuuauuauua uaugcaucau 20

<210> 3403
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3403
aucucagggu ucuugccuug 20

<210> 3404
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3404
cuuauuuaau aaguuuuaca 20

<210> 3405
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3405
ggcaaccaau uucuaacauc 20

<210> 3406
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3406
agaagcagug gaggguaaau 20

<210> 3407
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3407
aucacagaag ccaucuaaac 20

<210> 3408
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3408
gcuggcuugg cccagggugg 20

<210> 3409
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3409
uuuagcaaug uuuacugggu 20

<210> 3410
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3410
cuguuuguuc agauucgugu 20

<210> 3411
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3411
acugagaaaa cugcagaagc 20

<210> 3412
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3412
uaaauuaauu aaaauuggcc 20

<210> 3413
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3413
ucuccaggug cccugcaacg 20

<210> 3414
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3414
uucccacugg cccacguugc 20

<210> 3415
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3415
ucgcuuagca uaugugguug 20

<210> 3416
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3416
gaugcuucug gaacucaagg 20

<210> 3417
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3417
cagcaugugc caagcccucg 20

<210> 3418
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3418
ucacaacaac uucggccucc 20

<210> 3419
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3419
aucaucgcag aagguugcau 20

<210> 3420
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3420
ggccuuuaac agcacuugaa 20

<210> 3421
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3421
cgaggcgggc aaaccacuug 20

<210> 3422
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3422
ucugaagggc ccugucaguu 20

<210> 3423
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3423
agaaauaucu cagccucuaa 20

<210> 3424
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3424
gaugcuggcu uggcccaggg 20

<210> 3425
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3425
ccacggcaag uguggcaaca 20

<210> 3426
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3426

ccaagcacac gcucaccucg 20

<210> 3427
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3427
caucuucaca ccgcaauguu 20

<210> 3428
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3428
uuguguggaa auaugauugg 20

<210> 3429
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3429
cugcuuagau uuucuugcug 20

<210> 3430
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3430
cuccaggugc ccugcaacgu 20

<210> 3431
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3431
gaugcauccc auuguacagc 20

<210> 3432
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3432
gaagguuuca gcgaagacaa 20

<210> 3433
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3433
guagugccca caggaucugc 20

<210> 3434
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3434
ucagguuccc agcuguacaa 20

<210> 3435
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3435
uccaaaauug gauugcaccc 20

<210> 3436
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3436
cucccucugg uacaauguug 20

<210> 3437
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3437
caccuguggg caaagcauuc 20

<210> 3438
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3438
aggaccaucc agggcaaauu 20

<210> 3439
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3439
aguaacaaaa gucaucagcc 20

<210> 3440
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3440
cugcaaccuu ccgcccgccu 20

<210> 3441
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3441
acagaugcuu cuggaacuca 20

<210> 3442
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3442
gggcgggcgg aaggggaaga 20

<210> 3443
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3443
cccuguugcc acacuugccg 20

<210> 3444
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3444
cguuuccugg ccggacgcag 20

<210> 3445

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3445
cagccuuguc aacacuaggu 20

<210> 3446
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3446
ggaccaucca gggcaaauug 20

<210> 3447
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3447
guaacaaaag ucaucagccu 20

<210> 3448
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3448
augcauccca uuguacagcu 20

<210> 3449
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3449
ucucgcugug uugcucaggg 20

<210> 3450
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3450
acuggggaag uagugcccac 20

<210> 3451
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3451
gcugaagcag auacaccaca 20

<210> 3452
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3452
acugacagca cccaacauug 20

<210> 3453
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3453
ccaucuucac accgcaaugu 20

<210> 3454
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3454
uacaguggac acaaaaaaag 20

<210> 3455
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3455
gagucucgcu guguugcuca 20

<210> 3456
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3456
auuacugacc acaguuucaa 20

<210> 3457
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3457
augugcuaga ugauccauag 20

<210> 3458
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3458
uauccagaug gagaugcaua 20

<210> 3459
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3459
ucugagguac cauauccuua 20

<210> 3460
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3460
caggaaacgu ccucuuuaua 20

<210> 3461
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3461
aauugccuuc acuuaggcgu 20

<210> 3462
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3462
agagggagcc uuugaaacug 20

<210> 3463
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3463
gcgugugcuu ggcguguucc 20

<210> 3464
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3464
uugaaaauaa gaaguuggcu 20

<210> 3465
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3465
aucugcgggc agauuacgcg 20

<210> 3466
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3466
guaagcacug aauggccuac 20

<210> 3467
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3467
caggaccauc cagggcaaau 20

<210> 3468
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3468
auucugcccc uugguccaaa 20

<210> 3469
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3469
augcauaagg cccauagaca 20

<210> 3470
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3470
augcaucuuu cccaugucua 20

<210> 3471
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3471
uccugggugc aauccaauuu 20

<210> 3472
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3472
gccuuuccuc auggguugca 20

<210> 3473
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3473
agagcugcca uuugcggggc 20

<210> 3474
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3474
acaccccaau uugcccugga 20

<210> 3475
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3475
uuucgcugug ucugucuacc 20

<210> 3476
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3476
uuacaaaaau gauccgggcg 20

<210> 3477
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3477
cugcuuucag agccaauucc 20

<210> 3478
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3478
ccccacccuc aagagaagcu 20

<210> 3479
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3479
gguugcccag gggcuggggg 20

<210> 3480
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3480
guccacaaca uuguaccaga 20

<210> 3481
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3481

accugugggc aaagcauucu 20

<210> 3482
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3482
uuccaaguag cucggaucac 20

<210> 3483
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3483
caguguggug gcugcaggug 20

<210> 3484
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3484
auuuucccac auuauguaua 20

<210> 3485
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3485
gggaugagcu cuuaaaagaa 20

<210> 3486
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3486
uagaauuuaa uauuccaaac 20

<210> 3487
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3487
gagguuuccu gacucucagu 20

<210> 3488
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3488
aaucuaagca gacucuuuca 20

<210> 3489
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3489
uuugggagac caaaggcaag 20

<210> 3490
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3490
aauguaccuu gcaacccaug 20

<210> 3491
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3491
agugaaauau uucgauuaug 20

<210> 3492
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3492
cagaugcuuc uggaacucaa 20

<210> 3493
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3493
aguagugccc acaggaucug 20

<210> 3494
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3494
cuccugggcc cuuguuccac 20

<210> 3495
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3495
uaauaaguuu uacauggcac 20

<210> 3496
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3496
ucugcucaga auuucuccuc 20

<210> 3497
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3497
aggaggggc aaggaguaaa 20

<210> 3498
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3498
uagagcugcc auuugcgggg 20

<210> 3499
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3499
acaguuucaa aggcucccuc 20

<210> 3500

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3500
cgguagccac uaguuucaug 20

<210> 3501
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3501
ccuuacaccc caauuugccc 20

<210> 3502
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3502
aagaaauaca auaaauuagc 20

<210> 3503
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3503
cuaaaccuga guguaaaaaa 20

<210> 3504
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3504
ccagucccag cuucucuuga 20

<210> 3505
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3505
agaaacggaa gucugaggcu 20

<210> 3506
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3506
cccaggagaa gacaggccac 20

<210> 3507
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3507
aagucgaucc gugguugccc 20

<210> 3508
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3508
aagaaacgga agucugaggc 20

<210> 3509
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3509
gccacggcaa guguggcaac 20

<210> 3510
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3510
augacgaggu uggggguguc 20

<210> 3511
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3511
aaagccuaau caccucccaa 20

<210> 3512
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3512
ggucucccaa aaagaggauc 20

<210> 3513
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3513
uagguuugau ggccugcuuc 20

<210> 3514
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3514
cuuggcgcua uacuaggacu 20

<210> 3515
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3515
ggaaacgcua ccaucaaaua 20

<210> 3516
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3516
ccuacugugu gcccuacccu 20

<210> 3517
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3517
caucccucug gcccagggua 20

<210> 3518
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3518
uggagcaucc cucuggccca 20

<210> 3519
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3519
uguagaugcu cugcuuuuga 20

<210> 3520
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3520
guagucccag cuaccauggg 20

<210> 3521
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3521
gcuuggcgcu auacuaggac 20

<210> 3522
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3522
aaaaaaacaa gucugggaaa 20

<210> 3523
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3523
ugcccccucc cuccugaagc 20

<210> 3524
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3524
cuaaaauuac aaaaaugauc 20

<210> 3525
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3525
ucucucugcu cacuuccaua 20

<210> 3526
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3526
uccucuuuuu gggagaccaa 20

<210> 3527
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3527
ucacagaagc caucuaaaca 20

<210> 3528
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3528
aauguuuacu gggugggugg 20

<210> 3529
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3529
gcgcacaugu cucuuagccu 20

<210> 3530
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3530
ugcugguuua aagcacugau 20

<210> 3531
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3531
gccuuugguc ucccaaaaag 20

<210> 3532
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3532
cagugccaga uccucuuuuu 20

<210> 3533
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3533
cgggcagauu acgcguggca 20

<210> 3534
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3534
gagagucuua ggagaugacg 20

<210> 3535
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3535
aaggggcaag cuagugauac 20

<210> 3536
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3536

guggaguuug gccaggcugu 20

<210> 3537
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3537
cccacucuuc uccgacagcc 20

<210> 3538
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3538
auauggcacc uggacacaca 20

<210> 3539
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3539
gcauuugucu guagacagcc 20

<210> 3540
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3540
guugcccagg ggcuggggga 20

<210> 3541
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3541
agaugcuucu ggaacucaag 20

<210> 3542
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3542
gcuggauucu gacuacacug 20

<210> 3543
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3543
aaaaaaaaag ucauuguucu 20

<210> 3544
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3544
aggccugggg guggagcccg 20

<210> 3545
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3545
auuaauguag caaaguggac 20

<210> 3546
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3546
gcccugcaac gugggccagu 20

<210> 3547
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3547
uucucuuaca ccgcacauau 20

<210> 3548
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3548
aaaaauaggu uuaaaaauau 20

<210> 3549
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3549
cacaacaacu ucggccuccu 20

<210> 3550
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3550
gcaagguuuu auugagugga 20

<210> 3551
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3551
uaucucaggg uucuugccuu 20

<210> 3552
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3552
augucuggga aggccgggug 20

<210> 3553
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3553
ugcaucuuuc ccaugucuau 20

<210> 3554
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3554
ugugaaagug uuacuauuuu 20

<210> 3555

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3555
aagaaagaga auagauagua 20

<210> 3556
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3556
cuagccuaug agcuuuauga 20

<210> 3557
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3557
uccacgcugc ugaggcagug 20

<210> 3558
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3558
uuucuauggc cagcuucagg 20

<210> 3559
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3559
gggaaggaac gcucuauggu 20

<210> 3560
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3560
gggcagauua cgcguggcag 20

<210> 3561
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3561
cuugccauca uaaagcucau 20

<210> 3562
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3562
gaguuuugau aggcacagga 20

<210> 3563
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3563
gcaagaaaug gguccaaaau 20

<210> 3564
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3564
ggaugggaca gagcaucucc 20

<210> 3565
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3565
guuccgccgg uugauggccu 20

<210> 3566
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3566
uuuuuacacu cagguuuagu 20

<210> 3567
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3567
ugcccugcaa cgugggccag 20

<210> 3568
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3568
ugggccagug ggaagguuug 20

<210> 3569
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3569
gacaaaugcu uucugcggga 20

<210> 3570
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3570
cagauuacgc guggcagggg 20

<210> 3571
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3571
gcccugcagg aacuggcucc 20

<210> 3572
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3572
ucuuuagcag guagaguacc 20

<210> 3573
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3573
caccuaccaa gcccgacucc 20

<210> 3574
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3574
cuccuggagu cgggcuuggu 20

<210> 3575
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3575
gaugcuuuuc uccuggaguc 20

<210> 3576
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3576
acugaccuuc cuagguuuga 20

<210> 3577
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3577
gcaggccauc aaaccuagga 20

<210> 3578
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3578
cucaucccug acuaucugcu 20

<210> 3579
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3579
gugggccagu gggaagguuu 20

<210> 3580
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3580
agaaucgauu gaacccaggc 20

<210> 3581
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3581
acguccucuu uauagggaau 20

<210> 3582
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3582
cuauuuggca auuuauacaa 20

<210> 3583
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3583
caaaaaucag cugggcuuug 20

<210> 3584
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3584
ggcugugagg caguuucuga 20

<210> 3585
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3585
cguacaaaag gggccgggcg 20

<210> 3586
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3586
cuucuuauuu ucaaauccaa 20

<210> 3587
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3587
cguuccgccg guugauggcc 20

<210> 3588
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3588
acuacuacca cauuggugac 20

<210> 3589
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3589
cacaaggggc uugaggaccc 20

<210> 3590
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3590
uuauagggaa ugggcugagc 20

<210> 3591
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3591

cuuuagcagg uagaguaccu 20

<210> 3592
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3592
ccuagacacu gccguggguu 20

<210> 3593
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3593
gcugugggc uccaaaccca 20

<210> 3594
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3594
cauagcgggu gaguaaccag 20

<210> 3595
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3595
cucuuagccu aggaagauuc 20

<210> 3596
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3596
uaaagaaauu gccuucacuu 20

<210> 3597
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3597
uucauccaac gccuaaguga 20

<210> 3598
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3598
uggcuggauu cugacuacac 20

<210> 3599
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3599
cuacuaccac auuggugacu 20

<210> 3600
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3600
uacuucgaug ggcuaugcag 20

<210> 3601
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3601
uguccaggug ccauauuuga 20

<210> 3602
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3602
ugcauaaggc ccauagacau 20

<210> 3603
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3603
gcccaggggc ugggggaggg 20

<210> 3604
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3604
accuugcaac ccaugaggaa 20

<210> 3605
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3605
auuacgcgug gcaggggugg 20

<210> 3606
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3606
ugugugguuu gggugggagu 20

<210> 3607
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3607
aucauaauac aucucagagg 20

<210> 3608
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3608
cuaccauccu auggccacca 20

<210> 3609
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3609
aaccucuuug gaaaacuauu 20

<210> 3610

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3610
ccccuuguga gcagagagug 20

<210> 3611
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3611
caugaaccuu gagauaagug 20

<210> 3612
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3612
cagaaaaacu ucacacugcu 20

<210> 3613
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3613
ggcccauuuc aggagagaaa 20

<210> 3614
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3614
uuaaagcacu gaugggggugc 20

<210> 3615
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3615
gcauauucug gaaaacuuuu 20

<210> 3616
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3616
cuggagcauc ccucuggccc 20

<210> 3617
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3617
cucccccuc ccccagcccc 20

<210> 3618
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3618
ucccccucc cccagccccu 20

<210> 3619
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3619
uccgugguug cccaggggcu 20

<210> 3620
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3620
auccgugguu gcccaggggc 20

<210> 3621
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3621
cgacaaaaga cagauuaaug 20

<210> 3622
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3622
aagauuagac ugaccuuccu 20

<210> 3623
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3623
cuugcugagg aaagaggagg 20

<210> 3624
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3624
gcagagagag aaggaacgac 20

<210> 3625
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3625
cucugcucac aaggggcuug 20

<210> 3626
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3626
gacaaaagac agauuaauga 20

<210> 3627
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3627
aaguaugcaa ugaaugucaa 20

<210> 3628
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3628
ccccagcccc ugggcaacca 20

<210> 3629
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3629
guguuacuau uuuaggcgac 20

<210> 3630
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3630
aaagcagagc aucuacaucg 20

<210> 3631
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3631
gggucuuacu cuugucgccc 20

<210> 3632
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3632
uaaaacuuau uaaauaagua 20

<210> 3633
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3633
aucuguggggc aagaaaaagg 20

<210> 3634
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3634
gaguaccugg gagagagggu 20

<210> 3635
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3635
ccucacucuc ugcucacaag 20

<210> 3636
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3636
agcugggaac cugaagacaa 20

<210> 3637
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3637
gcgggcagau uacgcguggc 20

<210> 3638
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3638
aacacaagga aguagggaac 20

<210> 3639
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3639
cucaccagac ccaaaucugc 20

<210> 3640
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3640
gaagggagau gcuuuucucc 20

<210> 3641
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3641
aaauggaguu uugguggugu 20

<210> 3642
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3642
ugaagcaggc caucaaaccu 20

<210> 3643
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3643
agguuugaug gccugcuuca 20

<210> 3644
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3644
caccucuucu ucccugaagc 20

<210> 3645
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3645
acagugccag auccucuuuu 20

<210> 3646
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3646

cuguucauca agagaugcaa 20

<210> 3647
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3647
ggcuggggga ggggggagac 20

<210> 3648
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3648
auaaucugug ggcaagaaaa 20

<210> 3649
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3649
uuauuauuau augcaucaua 20

<210> 3650
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3650
uaaaccuauu uuuauagaga 20

<210> 3651
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3651
aucugcuggc accuugaucg 20

<210> 3652
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3652
uuguuucuau ggccagcuuc 20

<210> 3653
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3653
gaggugagug cagucauccg 20

<210> 3654
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3654
aaaagcagag caucuacauc 20

<210> 3655
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3655
caagcuagug auacuggagg 20

<210> 3656
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3656
aggauagagc ugccauuugc 20

<210> 3657
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3657
agauuacgcg uggcaggggu 20

<210> 3658
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3658
aggugagugc agucauccga 20

<210> 3659
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3659
ccuagagugg uggaagcuaa 20

<210> 3660
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3660
cgauagacgc cggcagcccc 20

<210> 3661
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3661
ccccgcugcu caaaccucug 20

<210> 3662
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3662
acuuuuccuc acuuaucuca 20

<210> 3663
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3663
aaucagcugg gcuuuguggc 20

<210> 3664
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3664
gccaguccca gcuucucuug 20

<210> 3665

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3665
aggggggaga cagggagaau 20

<210> 3666
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3666
gugugugugu uggggugggag 20

<210> 3667
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3667
gggaggauca ugagaguugg 20

<210> 3668
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3668
aaguguccuu caaggguca 20

<210> 3669
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3669
uaccauccua uggccaccag 20

<210> 3670
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3670
ccuaccaucc uauggccacc 20

<210> 3671
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3671
ccagcuacca ugggaggcug 20

<210> 3672
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3672
cugauucuuc cgauacccca 20

<210> 3673
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3673
cgugguugcc caggggcugg 20

<210> 3674
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3674
gaggauagag cugccauuug 20

<210> 3675
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3675
agucugaggc uggggcaacu 20

<210> 3676
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3676
agaugcuuuu cuccuggagu 20

<210> 3677
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3677
cccaugguga guacuucgau 20

<210> 3678
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3678
caacaauuaa ugagaaagua 20

<210> 3679
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3679
caauuugccc uggauggucc 20

<210> 3680
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3680
cguaacauac ccaguaccac 20

<210> 3681
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3681
ucuugcugag gaaagaggag 20

<210> 3682
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3682
gguccacaac auuguaccag 20

<210> 3683
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3683
ucauaauaca ucucagaggu 20

<210> 3684
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3684
agggaugagc ucuuaaaaga 20

<210> 3685
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3685
cccaggguag ggcacacagu 20

<210> 3686
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3686
uacagacaaa ugcuuucugc 20

<210> 3687
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3687
uaaagcgcgc cuuuccucau 20

<210> 3688
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3688
aguggcccuu uuggaccaag 20

<210> 3689
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3689
ccucacugag aaggugaugu 20

<210> 3690
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3690
ggagaaaaca caaggaagua 20

<210> 3691
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3691
aagcuaguga uacuggaggg 20

<210> 3692
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3692
cguugagagg agugcgccgg 20

<210> 3693
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3693
ucugggaaau ggaguuuugg 20

<210> 3694
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3694
uugcccaggg gcugggggag 20

<210> 3695
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3695
ggggcgaaug uuuacagcug 20

<210> 3696
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3696
ucaaaauguc ugggaaggcc 20

<210> 3697
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3697
uggcccauuu caggagagaa 20

<210> 3698
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3698
uucucaguau uuggaaagac 20

<210> 3699
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3699
gggugggggag gucacagaac 20

<210> 3700
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3700
uucuggacag uucauuucaa 20

<210> 3701
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3701

agaaagaagg aaauugcuuc 20

<210> 3702
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3702
gcaagguggu cuaaccucuu 20

<210> 3703
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3703
uuccgccggu ugauggccug 20

<210> 3704
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3704
gcccauggug aguacuucga 20

<210> 3705
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3705
ggggcaaaca uuguguauga 20

<210> 3706
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3706
uaaguauauu uacagauuug 20

<210> 3707
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3707
ccgugguugc ccaggggcug 20

<210> 3708
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3708
aaucugcccg cagauccugu 20

<210> 3709
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3709
acacaaggaa guagggaaca 20

<210> 3710
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3710
gccaggcugu cggagaagag 20

<210> 3711
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3711
uuaauguagc aaaguggaca 20

<210> 3712
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3712
ugcaacgugg gccaguggga 20

<210> 3713
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3713
agcuccccaa accuucccac 20

<210> 3714
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3714
agaguggccc uuuuggacca 20

<210> 3715
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3715
acuacauuaa uguagcaaag 20

<210> 3716
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3716
ugacuagucc caugugguau 20

<210> 3717
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3717
gaugcuauua auaauucugu 20

<210> 3718
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3718
cugccucggg cuccaccccc 20

<210> 3719
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3719
gguugauggc cuggggcugc 20

<210> 3720

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3720
uaguaagaug uggggccuuu 20

<210> 3721
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3721
caacuccuga auagcacauu 20

<210> 3722
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3722
cguuaaucca uauuuaaacu 20

<210> 3723
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3723
gcugggggag gggggagaca 20

<210> 3724
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3724
agaagguuuc agcgaagaca 20

<210> 3725
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3725
gaaacggaag ucugaggcug 20

<210> 3726
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3726
ucuacgggaa gauauccugu 20

<210> 3727
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3727
gaaaaaaaaa aaaacaaguc 20

<210> 3728
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3728
agaaaaacuu cacacugcua 20

<210> 3729
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3729
uucuugcuga ggaaagagga 20

<210> 3730
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3730
caggaauugg cucugaaagc 20

<210> 3731
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3731
caaaagcaga gcaucuacau 20

<210> 3732
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3732
cccgcugcuc aaaccucugg 20

<210> 3733
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3733
cacacuugcc guggccagcc 20

<210> 3734
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3734
accuauuuuu auagagaugg 20

<210> 3735
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3735
aggagggagg gggcaggagc 20

<210> 3736
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3736
gucgauccgu gguugcccag 20

<210> 3737
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3737
caaguggcug gacgugcaga 20

<210> 3738
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3738
ggauuucucu ucuuugugau 20

<210> 3739
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3739
gcaauuaggg ucuaguuggc 20

<210> 3740
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3740
ggggggagac agggagaaug 20

<210> 3741
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3741
agaggguggg gccucaaagc 20

<210> 3742
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3742
ccaucccacu gccugcuuug 20

<210> 3743
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3743
aagcaggcag ugggauggag 20

<210> 3744
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3744
ccccagaggu uugagcagcg 20

<210> 3745
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3745
cagggcaugc aagggaggug 20

<210> 3746
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3746
uuuuguucgu uauagaauuu 20

<210> 3747
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3747
aaauaugauu ggaggaucaa 20

<210> 3748
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3748
cugcugguuu aaagcacuga 20

<210> 3749
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3749
gauuuucuug cugaggaaag 20

<210> 3750
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3750
cauuugucug uagacagccu 20

<210> 3751
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3751
auccgaggga gagaagaugc 20

<210> 3752
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3752
ccaacauugc ggugugaaga 20

<210> 3753
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3753
guaguaagau gugggccuu 20

<210> 3754
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3754
ucaacuccug aauagcacau 20

<210> 3755
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3755
agaaaauaaa uuaaaaagca 20

<210> 3756
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3756

ccaaaggcaa gggguguugg 20

<210> 3757
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3757
uugauguuga ccuaacugac 20

<210> 3758
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3758
ccuuccgccc gccccgcaaa 20

<210> 3759
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3759
gcugccauuu gcggggcggg 20

<210> 3760
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3760
ggauagagcu gccauuugcg 20

<210> 3761
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3761
agcgaggaac aucacacacu 20

<210> 3762
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3762
aauaugauug gaggaucaaa 20

<210> 3763
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3763
auugaaccca ggcgggcgga 20

<210> 3764
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3764
aagucugagg cuggggcaac 20

<210> 3765
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3765
gauuacgcgu ggcaggggug 20

<210> 3766
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3766
uaaucugccc gcagauccug 20

<210> 3767
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3767
auagauagua uggaaaauua 20

<210> 3768
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3768
uggagaggag agaaagcccc 20

<210> 3769
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3769
agaggagaga aagccccugg 20

<210> 3770
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3770
gggcuaugca ggggcugcag 20

<210> 3771
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3771
ccagggcaaa uuggggugua 20

<210> 3772
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3772
cgugggccag ugggaagguu 20

<210> 3773
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3773
uuggugauua aaucauugug 20

<210> 3774
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3774
ugucucuugc uagcucaaag 20

<210> 3775

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3775
gggcaagcua gugauacugg 20

<210> 3776
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3776
cuucaauuag gaaaaaauaa 20

<210> 3777
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3777
uagaaaauaa auuaaaaagc 20

<210> 3778
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3778
accuacugug ugcccuaccc 20

<210> 3779
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3779
gaguggcccu uuuggaccaa 20

<210> 3780
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3780
auaauaaagu guccuucaag 20

<210> 3781
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3781
cuccaccguc aauagcauuc 20

<210> 3782
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3782
auguugcugg ugggggugca 20

<210> 3783
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3783
guacuucgau gggcuaugca 20

<210> 3784
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3784
ccccagccau gcacaaagau 20

<210> 3785
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3785
aguaccuggg agagagggug 20

<210> 3786
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3786
guuuugauag gcacaggaug 20

<210> 3787
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3787
ucuguaacac acgccugcug 20

<210> 3788
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3788
aauagcaaag ugguuaaagg 20

<210> 3789
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3789
uaucaucaga aaagaaagaa 20

<210> 3790
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3790
gaauuuaaau uaauuaaaau 20

<210> 3791
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3791
cauauauuag cagaaacuga 20

<210> 3792
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3792
gguggggagg ucacagaaca 20

<210> 3793
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3793
acaaaugcuu ucugcgggag 20

<210> 3794
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3794
agggccucgu gggccaugug 20

<210> 3795
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3795
ccugcgcaaa acgcuuuggc 20

<210> 3796
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3796
ccgcucccccc accccacgac 20

<210> 3797
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3797
uaaguaccau auacauaaug 20

<210> 3798
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3798
guguguuggg ugggaguggg 20

<210> 3799
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3799
aagaaaaagg uggacugaaa 20

<210> 3800
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3800
cguuuuuuaa uggauccaug 20

<210> 3801
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3801
aauuugcccu ggaugguccu 20

<210> 3802
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3802
ggcuggauuc ugacuacacu 20

<210> 3803
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3803
cucuccugcg caaaacgcuu 20

<210> 3804
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3804
aucucggcuc acaacaacuu 20

<210> 3805
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3805
uuuugauagg cacaggaugg 20

<210> 3806
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3806
aaaguggaca gggcagggag 20

<210> 3807
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3807
aagaggugaa aggaauucga 20

<210> 3808
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3808
agaccaaagg caaggggugu 20

<210> 3809
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3809
aagguugcau uggacacugc 20

<210> 3810
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3810
accacacugc ugucucuccu 20

<210> 3811
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3811

aauuaauauc guugauaaau 20

<210> 3812
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3812
augcuauuaa uaauucuguu 20

<210> 3813
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3813
agggcaccau ccagccuguc 20

<210> 3814
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3814
ucauaggcua gugugugugu 20

<210> 3815
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3815
gaagauggaa ggucaguguu 20

<210> 3816
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3816
cuggggugg agcccgaggc 20

<210> 3817
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3817
uucugucccu gugagaaggc 20

<210> 3818
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3818
guaugucacu gaagagaguc 20

<210> 3819
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3819
agucgauccg ugguugccca 20

<210> 3820
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3820
cggcggaacg agguggaguu 20

<210> 3821
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3821
uuguuuagaa auuauuuuau 20

<210> 3822
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3822
gaggagaaau ucugagcaga 20

<210> 3823
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3823
aaacauugug uaugacggcg 20

<210> 3824
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3824
uggagaaaac acaaggaagu 20

<210> 3825
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3825
ugaagaugga aggucagugu 20

<210> 3826
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3826
uuuaaaaaua uuggugugg 20

<210> 3827
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3827
uagaaggcuc cucacagaac 20

<210> 3828
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3828
gguguaaccc aggaccaucc 20

<210> 3829
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3829
uuucuugcug aggaaagagg 20

<210> 3830

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3830
ucucuucuuu gugauuggca 20

<210> 3831
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3831
aaucgucuga uugcuggaga 20

<210> 3832
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3832
cauugcggug ugaagaugga 20

<210> 3833
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3833
ugucgugggg ugggggagcg 20

<210> 3834
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3834
gcaagcuagu gauacuggag 20

<210> 3835
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3835
aguuuugaua ggcacaggau 20

<210> 3836
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3836
ucaccauggg caugguccag 20

<210> 3837
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3837
ggguacuuga gaauugagag 20

<210> 3838
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3838
uuucacuauu uuuccuuuag 20

<210> 3839
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3839
ggaacaggga cugguccuuu 20

<210> 3840
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3840
uguguugggu gggagugggu 20

<210> 3841
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3841
acaagcggcu agaugucgag 20

<210> 3842
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3842
gugaguaacc aguggaacaa 20

<210> 3843
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3843
uucauccaga uguuagaaau 20

<210> 3844
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3844
cgucugauug cuggagaggg 20

<210> 3845
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3845
gaggggggag acagggagaa 20

<210> 3846
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3846
uccugcgcaa aacgcuuugg 20

<210> 3847
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3847
aguuuaccaa ucuuugugca 20

<210> 3848
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3848
gcaucccucu ggcccagggu 20

<210> 3849
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3849
guguugggug ggagugggug 20

<210> 3850
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3850
gaggccccac ccucucuccc 20

<210> 3851
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3851
ucuaucgugc gcucuuccgc 20

<210> 3852
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3852
ucauuaauug uugcaacuua 20

<210> 3853
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3853
ccaauccaag agacuaaacu 20

<210> 3854
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3854
gaacagggac ugguccuuuu 20

<210> 3855
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3855
gagacaaguc ucucuuuagc 20

<210> 3856
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3856
ggugaguaac caguggaaca 20

<210> 3857
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3857
ugacccuuuc ucuccugaaa 20

<210> 3858
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3858
ugagaaagua uggcauauuc 20

<210> 3859
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3859
auuugucugu agacagccug 20

<210> 3860
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3860
aaggggagc ccagacaggc 20

<210> 3861
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3861
cugaggcugg ggcaacuggg 20

<210> 3862
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3862
gacggaggca agagacaguc 20

<210> 3863
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3863
aagggcuguu uuuguuucua 20

<210> 3864
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3864
gaacaacagu ugucuuugug 20

<210> 3865
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3865
aauccaacag aaaacaggau 20

<210> 3866
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3866

cugacucaau uauaagacau 20

<210> 3867
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3867
ccaugggaag gaacgcucua 20

<210> 3868
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3868
cgcaggagag uggcggcauc 20

<210> 3869
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3869
ggcaagcuag ugauacugga 20

<210> 3870
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3870
uuuaguuugc cgucuguagg 20

<210> 3871
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3871
auggaguuuu ggugguguag 20

<210> 3872
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3872
uguagcaaag uggacagggc 20

<210> 3873
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3873
aaauaaugau uaucuuuuuu 20

<210> 3874
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3874
gacccuuucu cuccugaaau 20

<210> 3875
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3875
gugaaagaaa cggaagucug 20

<210> 3876
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3876
gggugggggu gugaaagaaa 20

<210> 3877
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3877
gcaucauagg gguguggaaa 20

<210> 3878
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3878
aucuguguaa aagagacucc 20

<210> 3879
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3879
ggcuaugcag gggcugcagu 20

<210> 3880
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3880
aagucuggga aauggaguuu 20

<210> 3881
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3881
ggaauucgau ggcccauuuc 20

<210> 3882
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3882
uuaucuuacu ugcuuaacgc 20

<210> 3883
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3883
gcugugaggc aguuucugaa 20

<210> 3884
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3884
cggaugucuc auguaacaug 20

<210> 3885

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3885
gggcaccauc cagccugucu 20

<210> 3886
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3886
uuauaugcau cauaggggug 20

<210> 3887
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3887
cuaccaucaa auauggcacc 20

<210> 3888
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3888
uuauuguauu ucuuguagag 20

<210> 3889
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3889
ugcccccuag cagauaguca 20

<210> 3890
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3890
uuucugcggg aggggagucu 20

<210> 3891
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3891
uggcgggucc cuguugccag 20

<210> 3892
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3892
uuuguucaaa augucuggga 20

<210> 3893
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3893
uggcuggggg cugcuagucc 20

<210> 3894
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3894
ccagcucgau uucaacacug 20

<210> 3895
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3895
caaacuccac cucguuccgc 20

<210> 3896
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3896
ucuguguaaa agagacucca 20

<210> 3897
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3897
guguaaccca ggaccaucca 20

<210> 3898
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3898
uaaauuaaaa agcagggaga 20

<210> 3899
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3899
gcucuuaaaa gaagggacca 20

<210> 3900
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3900
ugugcccuac ccugggccag 20

<210> 3901
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3901
auuauaagac auaggaagcc 20

<210> 3902
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3902
aaugaauuug agacgccuag 20

<210> 3903
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3903
aaacacuugg agacagagcg 20

<210> 3904
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3904
gucugcccaa ugugcuauuc 20

<210> 3905
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3905
ucaucccuga cuaucugcua 20

<210> 3906
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3906
agauaagaaa uagagaaaag 20

<210> 3907
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3907
aagaaguugg cugggugcag 20

<210> 3908
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3908
gcaaacauug uguaugacgg 20

<210> 3909
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3909
ggcccacguu gcagggcacc 20

<210> 3910
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3910
accuagaguc caaggaagag 20

<210> 3911
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3911
gucuagaacu acaugccaca 20

<210> 3912
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3912
uuuucuccug gagucgggcu 20

<210> 3913
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3913
auuccuuccc uccggguaua 20

<210> 3914
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3914
caaacauugu guaugacggc 20

<210> 3915
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3915
cuuucauaac caaauccacu 20

<210> 3916
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3916
ugucacagca ggaaauuuca 20

<210> 3917
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3917
ccucagcuca ccauuugcuc 20

<210> 3918
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3918
ggugggagga ucaugagagu 20

<210> 3919
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3919
ggacucagcc ccuggcaaca 20

<210> 3920
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3920
uggggccuca aagcaggcag 20

<210> 3921
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3921

cgugggggugg gggagcgggg 20

<210> 3922
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3922
uucuauggcc agcuucagga 20

<210> 3923
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3923
aguaagauau uuuaauacga 20

<210> 3924
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3924
acugaaaagg ccagagcaaa 20

<210> 3925
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3925
cugguggcca uaggauggua 20

<210> 3926
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3926
gagaaaagag gccaggugca 20

<210> 3927
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3927
ucuuuuaguu ugccgucugu 20

<210> 3928
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3928
ugguacuuau acuuugauug 20

<210> 3929
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3929
cuuucugcgg gaggggaguc 20

<210> 3930
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3930
uaaugaauuu gagacgccua 20

<210> 3931
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3931
ucacugccuc agcagcgugg 20

<210> 3932
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3932
aaaaaaagug guugcagaac 20

<210> 3933
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3933
ucugggaagg ccgggugugg 20

<210> 3934
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3934
ccagccaaaa auagccagug 20

<210> 3935
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3935
ccacacuggc uauuuuuggc 20

<210> 3936
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3936
caauuagggu cuaguuggcu 20

<210> 3937
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3937
ugccagcucg auuucaacac 20

<210> 3938
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3938
gagcuagcaa gagacaucua 20

<210> 3939
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3939
acuuuuuuug uguccacugu 20

<210> 3940

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3940
uuaaauagca aagugguuaa 20

<210> 3941
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3941
ugaggaaaga ggagggggca 20

<210> 3942
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3942
ggggccucaa agcaggcagu 20

<210> 3943
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3943
auagcaaagu gguuaaagga 20

<210> 3944
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3944
auuguauuuc uuguagagag 20

<210> 3945
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3945
agggcuuccc uaagcccaaa 20

<210> 3946
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3946
caggcugucg gagaagagug 20

<210> 3947
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3947
uucaaaaugu cugggaaggc 20

<210> 3948
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3948
ugauguugac cuaacugaca 20

<210> 3949
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3949
aaucuaagau uggugacugg 20

<210> 3950
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3950
ccauuugcgg ggcgggcgga 20

<210> 3951
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3951
aguacuucga ugggcuaugc 20

<210> 3952
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3952
gguuguuaga cucagcacug 20

<210> 3953
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3953
ccucucguga aagagaaaga 20

<210> 3954
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3954
agguagagua ccugggagag 20

<210> 3955
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3955
agcuagcaag agacaucuac 20

<210> 3956
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3956
gacagcagug ugguggcugc 20

<210> 3957
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3957
ugagacaggc cgaucacuug 20

<210> 3958
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3958
ugacuacuuu aagaugcuuu 20

<210> 3959
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3959
uugcccccua gcagauaguc 20

<210> 3960
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3960
aacguccucu uuauagggaa 20

<210> 3961
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3961
cucaguuucc uuugugucc 20

<210> 3962
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3962
uuccuuucaa gugcuguuaa 20

<210> 3963
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3963
caaaacucca agacccuagc 20

<210> 3964
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3964
ccaggcuguc ggagaagagu 20

<210> 3965
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3965
ggguggcccu gaaucuuccu 20

<210> 3966
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3966
agccucacuc ucugcucaca 20

<210> 3967
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3967
uauuuccauu uuuuacacuc 20

<210> 3968
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3968
uuuuuguuau uacuucucuu 20

<210> 3969
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3969
gauggcuuuc caguucugug 20

<210> 3970
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3970
uucuucgcau cgcgggggug 20

<210> 3971
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3971
acgauguucu cugcucuucg 20

<210> 3972
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3972
cuucaucugu uuccauggga 20

<210> 3973
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3973
ucaacacugg gguguccccu 20

<210> 3974
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3974
gggucuaugc uauguuaccc 20

<210> 3975
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3975
agaguaccug ggagagaggg 20

<210> 3976
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3976

aggagccuuc uaaaguucaa 20

<210> 3977
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3977
gcuucaauua ggaaaaaaua 20

<210> 3978
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3978
auaaaucuaa gauuggugac 20

<210> 3979
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3979
acucaagggg gagcccagac 20

<210> 3980
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3980
guggaacuug aggauagacg 20

<210> 3981
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3981
guagcaaagu ggacagggca 20

<210> 3982
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3982
aggagaaauu cugagcagau 20

<210> 3983
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3983
aauaauaaag uguccuucaa 20

<210> 3984
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3984
uuggcggguc ccuguugcca 20

<210> 3985
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3985
aacaguuguc uuugugugga 20

<210> 3986
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3986
cuacagacaa augcuuucug 20

<210> 3987
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3987
uguaggcuug gcgcuauacu 20

<210> 3988
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3988
uuguggcaca gugagggaac 20

<210> 3989
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3989
cuuaaaguag ucagaguuac 20

<210> 3990
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 3990
cuuguagucc cagcuaccau 20

<210> 3991
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3991
gagcgaggaa caucacacac 20

<210> 3992
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3992
cuccagggag cuagugaaac 20

<210> 3993
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3993
cuccuguuuc ucaagcagau 20

<210> 3994
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3994
ggcgcgcuuu agauacacac 20

<210> 3995

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3995
cauaggcuag ugugugguu 20

<210> 3996
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3996
uagaacuaca ugccacaggg 20

<210> 3997
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3997
caucucaggg caugcaaggg 20

<210> 3998
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3998
cggaaugcua uugacggugg 20

<210> 3999
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 3999
uucgcaucgc gggggugggg 20

<210> 4000
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4000
aucagcaauu agggucuagu 20

<210> 4001
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4001
auuugcgggg cgggcggaag 20

<210> 4002
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4002
gguggaagcu aaaggaagau 20

<210> 4003
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4003
acuucuucgc aucgcggggg 20

<210> 4004
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4004
cuccucauua cagugaaaua 20

<210> 4005
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4005
ggagaaaagc aucucccuuc 20

<210> 4006
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4006
uggugauuaa aucauugugu 20

<210> 4007
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4007
uuuuauaauu gugaugauaa 20

<210> 4008
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4008
auuuaaauuc caauaccaca 20

<210> 4009
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4009
ugauuguguc cucugucccc 20

<210> 4010
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4010
auaaugaauu ugagacgccu 20

<210> 4011
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4011
ugagaaacau aaaucccgag 20

<210> 4012
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4012
gugcccuacc cugggccaga 20

<210> 4013
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4013
ugaaaugaac uguccagaac 20

<210> 4014
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4014
ccauagagcg uuccuuccca 20

<210> 4015
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4015
augucucaug uaacaugugg 20

<210> 4016
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4016
uauuauuaua ugcaucauag 20

<210> 4017
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4017
agagaaaaga ggccaggugc 20

<210> 4018
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4018
agcaauguuu acuggguggg 20

<210> 4019
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4019
caguguuggg aagaguccau 20

<210> 4020
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4020
ugggacgaca gguguaaccc 20

<210> 4021
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4021
uucaaagauu gagagggaau 20

<210> 4022
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4022
gggccagagg gaugcuccag 20

<210> 4023
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4023
cauuugcggg gcgggcggaa 20

<210> 4024
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4024
cacugcuagg guuaaaugaa 20

<210> 4025
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4025
aauacacaua gaaaaaugac 20

<210> 4026
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4026
agacccaucc uguuuucugu 20

<210> 4027
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4027
cuaugcuaug uuacccaggc 20

<210> 4028
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4028
uugcuggugg gggugcaagg 20

<210> 4029
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4029
cacugguuac ucacccgcua 20

<210> 4030
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4030
caccacacug cugucucucc 20

<210> 4031
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4031

gggacuaguc augacuacau 20

<210> 4032
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4032
uuauuagauu ccagugguac 20

<210> 4033
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4033
cuacuuagaa auauaccuug 20

<210> 4034
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4034
ucgaacaaua gacuuucaau 20

<210> 4035
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4035
gacagggaga auggggagcg 20

<210> 4036
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4036
ccaacaucac cuucucagug 20

<210> 4037
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4037
ccucaaagca ggcaguggga 20

<210> 4038
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4038
aucgggguau guuuacacaa 20

<210> 4039
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4039
uuucguacaa uacuggaggc 20

<210> 4040
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4040
uucgccccua gacacugccg 20

<210> 4041
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4041
ugcccugaga uggggacaag 20

<210> 4042
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4042
gggagcuagu gaaacaggaa 20

<210> 4043
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4043
aaucuuaaau caucuaauug 20

<210> 4044
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4044
aaauccaaca gaaaacagga 20

<210> 4045
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4045
auguaaacca guugucuguu 20

<210> 4046
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4046
accaaaucca cuuggcucaa 20

<210> 4047
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4047
aucgaacaau agacuuucaa 20

<210> 4048
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4048
aggcuagugu guguguuggg 20

<210> 4049
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4049
gggacucagc cccuggcaac 20

<210> 4050

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4050
uuuggcgggu cccuguugcc 20

<210> 4051
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4051
uuagcugagc guggcagcgc 20

<210> 4052
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4052
agucuagaac uacaugccac 20

<210> 4053
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4053
ugucgagagg agcacauugg 20

<210> 4054
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4054
ugugguagua guaagaugug 20

<210> 4055
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4055
acugcuaggg uuaaaugaaa 20

<210> 4056
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4056
aaaaaauccu aacagacaac 20

<210> 4057
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4057
uguggcacag ugagggaacu 20

<210> 4058
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4058
uaauuaaaau uggccgggcg 20

<210> 4059
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4059
ccaaaccgga augcuauuga 20

<210> 4060
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4060
ucuauuucuu aucuccugag 20

<210> 4061
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4061
ucugucccug ugagaaggca 20

<210> 4062
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4062
cucggcuuca ucuguuucca 20

<210> 4063
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4063
gagaguugga ggcugcagug 20

<210> 4064
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4064
uaaaagagaa accuugggcc 20

<210> 4065
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4065
uauuccuucc cuccggguau 20

<210> 4066
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4066
ccaagguaua uuucuaagua 20

<210> 4067
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4067
caaaaauagc caguguggcu 20

<210> 4068
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4068
acagggagaa uggggagcga 20

<210> 4069
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4069
aauauugggu gugguggcac 20

<210> 4070
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4070
uuccuguuuc acuagcuccc 20

<210> 4071
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4071
aaguaccaua uacauaaugu 20

<210> 4072
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4072
aaauuaugaa ugauuaaaaa 20

<210> 4073
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4073
uucguacaau acuggaggcu 20

<210> 4074
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4074
auaaaagaga aaccuugggc 20

<210> 4075
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4075
uguuuuuuau uagauuccag 20

<210> 4076
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4076
ccuacuuaga aauauaccuu 20

<210> 4077
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4077
gcagagaaca ucgucucucc 20

<210> 4078
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4078
ugucccugg agcaucccuc 20

<210> 4079
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4079
cucuaaagau uugccaguuc 20

<210> 4080
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4080
uucucaagca gauuggaagc 20

<210> 4081
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4081
gguagaguac cugggagaga 20

<210> 4082
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4082
ccagggauga agcaggaagc 20

<210> 4083
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4083
ccaaacccac ggcagugucu 20

<210> 4084
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4084
caggagagac agcagugugg 20

<210> 4085
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4085
gccucacucu cugcucacaa 20

<210> 4086
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4086

gaaaaaugac aggaaaugac 20

<210> 4087
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4087
caagccacac uggcuauuuu 20

<210> 4088
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4088
ucggaugacu gcacucaccu 20

<210> 4089
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4089
aguagguugc caagccacac 20

<210> 4090
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4090
acucucuuca gugacauaca 20

<210> 4091
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4091
aaaagggcca cucugcugug 20

<210> 4092
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4092
auguuggagc aaagauucga 20

<210> 4093
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4093
caacaucacc uucucaguga 20

<210> 4094
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4094
uaauaauaaa guguccuuca 20

<210> 4095
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4095
aaaaaagugg uugcagaaca 20

<210> 4096
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4096
aauggaguuu uggugugua 20

<210> 4097
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4097
uuaaaguagu cagaguuacu 20

<210> 4098
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4098
ggucuaauuu uaaaaugcuu 20

<210> 4099
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4099
uaaaugagaa aagcauaaca 20

<210> 4100
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4100
aauuaggguc uaguuggcug 20

<210> 4101
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4101
gggagcgagg gcuuaauguu 20

<210> 4102
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4102
ugucuuucgc uuagcauaug 20

<210> 4103
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4103
uuggagcaaa gauucgaagg 20

<210> 4104
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4104
uuaacacaau uagcugagcg 20

<210> 4105

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4105
uuguacgaaa uaaauuucug 20

<210> 4106
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4106
gaaagcaggc cucucuuccu 20

<210> 4107
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4107
caugagaugc auccacccug 20

<210> 4108
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4108
ucagcacugu ggaagaaaca 20

<210> 4109
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4109
cuucuucgca ucgcgggggu 20

<210> 4110
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4110
aaccagugga acaagggccc 20

<210> 4111
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4111
cuucccuccg gguauagggc 20

<210> 4112
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4112
aucccugacu aucugcuagg 20

<210> 4113
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4113
ucggcuucau cuguuuccau 20

<210> 4114
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4114
aggcaaagaa auucuaugga 20

<210> 4115
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4115
ccugguggcc auaggauggu 20

<210> 4116
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4116
cagcgcgugg ucccugccuc 20

<210> 4117
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4117
uggggugga gcccgaggca 20

<210> 4118
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4118
gagaaaccuu gggccgggca 20

<210> 4119
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4119
cugacuacuu uaagaugcuu 20

<210> 4120
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4120
gauggauggc gaagccacuc 20

<210> 4121
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4121
gcuuuggugg uaaaaaauac 20

<210> 4122
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4122
cccaagguau auuucuaagu 20

<210> 4123
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4123
ggcuagugug uguguugggu 20

<210> 4124
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4124
ccucagccuc ccaugguagc 20

<210> 4125
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4125
gcagcgcgug gucccugccu 20

<210> 4126
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4126
uauuagauuc cagugguacu 20

<210> 4127
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4127
gaaaaccuag uuuagucucu 20

<210> 4128
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4128
cuggagucgg gcuugguagg 20

<210> 4129
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4129
auuaauuaaa auuggccggg 20

<210> 4130
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4130
agauucauuc auucauuccu 20

<210> 4131
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4131
uucacuuagg cguuggauga 20

<210> 4132
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4132
uuugaggcaa agaaauucua 20

<210> 4133
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4133
gagacagucu ggcacauuug 20

<210> 4134
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4134
cucagccucc caugguagcu 20

<210> 4135
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4135
cucccuugca ugcccugaga 20

<210> 4136
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4136
uuaauuaaaa uuggccgggc 20

<210> 4137
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4137
uagucaugac uagucccaug 20

<210> 4138
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4138
uagucacauu ucucaguauu 20

<210> 4139
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4139
ugaggagaca cugccacuga 20

<210> 4140
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4140
cugagcaaac cuagagucca 20

<210> 4141
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4141

agcuucagga gggaggggggc 20

<210> 4142
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4142
aacguuucua ucaucgcaga 20

<210> 4143
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4143
uguaugacgg cggggcgcgg 20

<210> 4144
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4144
ugggccagag ggaugcucca 20

<210> 4145
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4145
auuagggucu aguuggcugg 20

<210> 4146
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4146
agaaaaauga caggaaauga 20

<210> 4147
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4147
gugugauauu ccuucccucc 20

<210> 4148
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4148
uuguguauga cggcggggcg 20

<210> 4149
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4149
ccaaucuuug ugcauggcug 20

<210> 4150
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4150
ugcaaaggaa aucagcaauu 20

<210> 4151
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4151
agaaagcccc ugguggccau 20

<210> 4152
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4152
gcuauuaaaa aggaugaggu 20

<210> 4153
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4153
uauggccagc uucaggaggg 20

<210> 4154
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4154
uuaucaguca uuuuuuguau 20

<210> 4155
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4155
ccauaggaug guagggauuu 20

<210> 4156
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4156
ccacugaagg acagaagcag 20

<210> 4157
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4157
aggguuuccu cacagcagag 20

<210> 4158
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4158
gccagcucga uuucaacacu 20

<210> 4159
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4159
aaguuccaca aagccucaca 20

<210> 4160

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4160
auuaucaguc auuuuuugua 20

<210> 4161
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4161
cuaucuccau gaccccuuga 20

<210> 4162
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4162
gacuacuuua agaugcuuug 20

<210> 4163
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4163
gacugguccu uuugggcuua 20

<210> 4164
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4164
augugguagu aguaagaugu 20

<210> 4165
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4165
uacauggccu uugagccaag 20

<210> 4166
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4166
caucaaccgg cggaacgagg 20

<210> 4167
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4167
ggacuggucc uuuugggcuu 20

<210> 4168
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4168
ugguguaucu gcuucagcau 20

<210> 4169
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4169
aaauauuggg uguggguggca 20

<210> 4170
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4170
gaaacauaaa ucccgagagg 20

<210> 4171
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4171
cuaccuccug cccaccucuc 20

<210> 4172
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4172
agaugucgag aggagcacau 20

<210> 4173
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4173
cucuguaaca cacgccugcu 20

<210> 4174
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4174
cugggccaga gggaugcucc 20

<210> 4175
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4175
aaaauagguu uaaaaauauu 20

<210> 4176
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4176
aaaccuuggg ccgggcaugg 20

<210> 4177
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4177
cagagcaaau ggugagcuga 20

<210> 4178
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4178
accuucauug cuacuugaga 20

<210> 4179
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4179
cuaguuuagu cucuuggauu 20

<210> 4180
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4180
agucuggcac auuuguggcu 20

<210> 4181
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4181
acauaugagc auuuccaguu 20

<210> 4182
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4182
cccuacuuag aaauauaccu 20

<210> 4183
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4183
auaugguacc ucagaacccc 20

<210> 4184
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4184
gaaacccuug uugucacagc 20

<210> 4185
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4185
ugguggaagc uaaaggaaga 20

<210> 4186
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4186
cauaugagca uuuccaguuu 20

<210> 4187
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4187
ucgccccuag acacugccgu 20

<210> 4188
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4188
caucccugac uaucugcuag 20

<210> 4189
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4189
gcaaaggaaa ucagcaauua 20

<210> 4190
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4190
ccagagcaaa uggugagcug 20

<210> 4191
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4191
uuuguuuugu ucaaaauguc 20

<210> 4192
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4192
guguccugcc cuauacccgg 20

<210> 4193
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4193
guagacagcc ugggguucug 20

<210> 4194
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4194
uaauuuuaug cuuuucuucu 20

<210> 4195
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4195
ccccaguguu gaaaucgagc 20

<210> 4196
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4196

uggggguuugc agaaugaccu 20

<210> 4197
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4197
ccuaaauccc uaccauccua 20

<210> 4198
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4198
caaacccacg gcagugucua 20

<210> 4199
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4199
caguggaagu guuaaguggc 20

<210> 4200
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4200
gugaugauaa aggcuuugug 20

<210> 4201
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4201
uauggguuuc uauaaucugu 20

<210> 4202
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4202
acugcugugg agaaaacaca 20

<210> 4203
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4203
ccccaucuca gggcaugcaa 20

<210> 4204
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4204
aaugugguag uaguaagaug 20

<210> 4205
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4205
uauuauuuca aagauugaga 20

<210> 4206
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4206
auauuauuuc aaagauugag 20

<210> 4207
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4207
aaacccacgg cagugucuag 20

<210> 4208
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4208
agggaugcuc caggggacag 20

<210> 4209
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4209
cagagguggg acucagcccc 20

<210> 4210
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4210
agcaacauau gacacaguuc 20

<210> 4211
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4211
agugaggcuu ccauuucaga 20

<210> 4212
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4212
uucagggaag aagaggugaa 20

<210> 4213
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4213
uuucaggaga gaaaggguca 20

<210> 4214
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4214
uccccaucuc agggcaugca 20

<210> 4215

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4215
agccccuggu ggccauagga 20

<210> 4216
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4216
gaaucgucug auugcuggag 20

<210> 4217
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4217
aagacauagg aagccaggug 20

<210> 4218
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4218
gccucucuuc cuuggacucu 20

<210> 4219
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4219
ggagcgaggg cuuaauguuu 20

<210> 4220
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4220
acauugcaua aaucuaagau 20

<210> 4221
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4221
gggagcccag acaggcugga 20

<210> 4222
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4222
aaacauaaau cccgagaggu 20

<210> 4223
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4223
ucuaccuccu gcccaccucu 20

<210> 4224
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4224
ggccaucaac cggcggaacg 20

<210> 4225
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4225
aggcguugag aggagugcgc 20

<210> 4226
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4226
uguccugccc uauacccgga 20

<210> 4227
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4227
augcuuuggu aaacauuucu 20

<210> 4228
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4228
gugggccaug ugaggcuuug 20

<210> 4229
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4229
ggcgggauaa ucacuugagc 20

<210> 4230
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4230
cuggugacaa uauaauucca 20

<210> 4231
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4231
ggccagcuuc aggagggagg 20

<210> 4232
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4232
uaggacuggg ccuucugaaa 20

<210> 4233
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4233
ucccuugcau gcccugagau 20

<210> 4234
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4234
gucccuugu ccccaucuca 20

<210> 4235
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4235
ugugugauau uccuucccuc 20

<210> 4236
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4236
cugcccuaua cccggaggga 20

<210> 4237
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4237
cuuaaaaucc aacagaaaac 20

<210> 4238
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4238
acauaggaag ccaggugcgg 20

<210> 4239
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4239
guggcagugg aaguguuaag 20

<210> 4240
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4240
cccuugcaug cccugagaug 20

<210> 4241
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4241
ggucccuug uccccaucuc 20

<210> 4242
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4242
auaaaucccg agaggugggc 20

<210> 4243
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4243
uaugagcauu uccaguuugg 20

<210> 4244
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4244
uauuuguaau acccccaaac 20

<210> 4245
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4245
gcccaggaga gacagcagug 20

<210> 4246
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4246
ucacuuuuua aauagcaaag 20

<210> 4247
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4247
ucugugcucu gcaaaugacc 20

<210> 4248
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4248
aggucauucu gcaaacccca 20

<210> 4249
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4249
uagguuuguc uauaauguac 20

<210> 4250
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4250
accuucucaa guagcaauga 20

<210> 4251
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4251

guauggguuu cuauaaucug 20

<210> 4252
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4252
uaccaaucuu ugugcauggc 20

<210> 4253
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4253
gacgugcaga aggcguugag 20

<210> 4254
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4254
cucacuuauc ucaagguuca 20

<210> 4255
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4255
uucaggagag aaagggucaa 20

<210> 4256
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4256
uaggacuucu ucgcaucgcg 20

<210> 4257
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4257
cugcucuucg uggacauuuc 20

<210> 4258
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4258
agaaauagag aaaagaggcc 20

<210> 4259
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4259
acugguuacu cacccgcuau 20

<210> 4260
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4260
aggacuucuu cgcaucgcgg 20

<210> 4261
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4261
caacacgaau cugaacaaac 20

<210> 4262
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4262
agaagugaua ugcuucaauu 20

<210> 4263
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4263
gauaaucacu ugagcugggg 20

<210> 4264
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4264
auaugagcau uuccaguuug 20

<210> 4265
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4265
cgggauaauc acuugagcug 20

<210> 4266
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4266
cgggagaauc gucugauugc 20

<210> 4267
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4267
ucaccaaagg agaagcaaca 20

<210> 4268
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4268
ggggaggagg augaucuguu 20

<210> 4269
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4269
cguuggauga agguucauuu 20

<210> 4270

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4270
aggucaauuc ugcccauagc 20

<210> 4271
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4271
auggccagcu ucaggaggga 20

<210> 4272
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4272
aaauuuauuu cguacaauac 20

<210> 4273
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4273
gaagagcgca cgauagacgc 20

<210> 4274
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4274
ccacugcuuc uguccuucag 20

<210> 4275
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4275
caaagaaauu cuauggacgg 20

<210> 4276
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4276
aaggaugagg ucgggugcag 20

<210> 4277
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4277
gaucaaaggg uaugaucuaa 20

<210> 4278
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4278
uuuugugucc acuguaggcu 20

<210> 4279
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4279
agggaaggaa uaucacacag 20

<210> 4280
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4280
cuaggacuuc uucgcaucgc 20

<210> 4281
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4281
accaaucuuu gugcauggcu 20

<210> 4282
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4282
uuggcgacaa cauauuguaa 20

<210> 4283
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4283
uggccagcuu caggagggag 20

<210> 4284
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4284
gggaggagga ugaucuguuu 20

<210> 4285
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4285
uagggaagcc cucacugaga 20

<210> 4286
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4286
aaggucaauu cugcccauag 20

<210> 4287
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4287
aucuaauugu ggcacaguga 20

<210> 4288
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4288
uacuggaggg gggcagcgcg 20

<210> 4289
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4289
caucuaauug uggcacagug 20

<210> 4290
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4290
gcucugaagc acuugaaaug 20

<210> 4291
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4291
cuaugucuua uaauugaguc 20

<210> 4292
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4292
uuuauuucgu acaauacugg 20

<210> 4293
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4293
aaucccgaga ggugggcagg 20

<210> 4294
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4294
guauagcgcc aagccuacag 20

<210> 4295
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4295
aaccggaaug cuauugacgg 20

<210> 4296
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4296
uuguuuuguu caaaaugucu 20

<210> 4297
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4297
ucuaggacuu cuucgcaucg 20

<210> 4298
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4298
ccuaguuuag ucucuuggau 20

<210> 4299
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4299
uuuaaauucc aauaccacau 20

<210> 4300
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4300
agcauccuuu gaacuuuaga 20

<210> 4301
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4301
gcgggauaau cacuugagcu 20

<210> 4302
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4302
acucuguaac acacgccugc 20

<210> 4303
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4303
aagcguuuug cgcaggagag 20

<210> 4304
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4304
agagcuuugg ccgaggacga 20

<210> 4305
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4305
agagacagaa agucgauccg 20

<210> 4306
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4306

cuauuaaaaa ggaugagguc 20

<210> 4307
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4307
ugaaggacag aagcagugga 20

<210> 4308
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4308
cugaaggaca gaagcagugg 20

<210> 4309
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4309
uaccuuauuu cacuguaaug 20

<210> 4310
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4310
aauuagaccu gcccaguuag 20

<210> 4311
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4311
cugauaucca cuaacugggc 20

<210> 4312
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4312
auugcugaua uccacuaacu 20

<210> 4313
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4313
caggcuguca ggaggcauga 20

<210> 4314
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4314
aaauaucuua cuucauuacu 20

<210> 4315
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4315
uuuucuggua ugauacuauu 20

<210> 4316
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4316
cugguaugau acuauuaggu 20

<210> 4317
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4317
aucucuugau gaacagcuac 20

<210> 4318
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4318
gaugaacagc uacaggccug 20

<210> 4319
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4319
acagcuacag gccugagguu 20

<210> 4320
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4320
cuacaugaac uccuaaccuc 20

<210> 4321
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4321
guccuucagc cucaacuuau 20

<210> 4322
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4322
caccuauaag uugaggcuga 20

<210> 4323
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4323
acacagucac cuauaaguug 20

<210> 4324
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4324
ucguuaacuc cgcagagcac 20

<210> 4325

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4325
cguuaacucc gcagagcaca 20

<210> 4326
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4326
ggauggugcc cugugcucug 20

<210> 4327
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4327
cuaucccag caccuaaagc 20

<210> 4328
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4328
uaucccagc accuaaagcu 20

<210> 4329
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4329
gguagggauu uaggaaaaag 20

<210> 4330
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4330
agggauuuag gaaaaagagg 20

<210> 4331
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4331
uuuaggaaaa agaggaggcu 20

<210> 4332
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4332
aggaaaaaga ggaggcuugg 20

<210> 4333
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4333
gaucaucuag cacauguuuu 20

<210> 4334
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4334
cuagcacaug uuuuugguuu 20

<210> 4335
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4335
uaucuggugg guagcuacuu 20

<210> 4336
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4336
gguggguagc uacuuaggag 20

<210> 4337
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4337
ccugcuuccu gcuucauccc 20

<210> 4338
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4338
gaaggugcca gggaugaagc 20

<210> 4339
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4339
uugccccuuc cgccauggga 20

<210> 4340
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4340
cuugccccuu ccgccauggg 20

<210> 4341
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4341
uagcuugccc cuuccgccau 20

<210> 4342
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4342
cuagcuugcc ccuuccgcca 20

<210> 4343
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4343
acuaacauuc acaucauagc 20

<210> 4344
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4344
cuaacauuca caucauagca 20

<210> 4345
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4345
ucacaucaua gcagggacuc 20

<210> 4346
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4346
caucauagca gggacucugg 20

<210> 4347
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4347
gggagcgcca ucuuuguagc 20

<210> 4348
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4348
ucaaguagca augaagguua 20

<210> 4349
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4349
cucaaguagc aaugaagguu 20

<210> 4350
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4350
ggaagaccug ugcauuuuug 20

<210> 4351
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4351
aacuguccac aaaaaugcac 20

<210> 4352
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4352
auuuauuuuu agcagagaca 20

<210> 4353
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4353
gguuggugca agaguaacug 20

<210> 4354
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4354
auaucggcuc acugcaaccc 20

<210> 4355
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4355
agccagcauc uucucucccu 20

<210> 4356
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4356
caccugugau ccgagcuacu 20

<210> 4357
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4357
uacucggggg aggcugaagc 20

<210> 4358
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4358
gaacgaggug gaguuuggcc 20

<210> 4359
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4359
gcaucacugc accucagucu 20

<210> 4360
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4360
uggguuuugc cauauugcuc 20

<210> 4361
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4361

cuacuuagga guggaauugc 20

<210> 4362
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4362
uucagccucc cccgaguagc 20

<210> 4363
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4363
cacuuccacu gccaccaccc 20

<210> 4364
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4364
ugcaucacug caccucaguc 20

<210> 4365
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4365
uccacagccu ugucaacacu 20

<210> 4366
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4366
cucuggggga gcauacagac 20

<210> 4367
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4367
ucccccagag guuugagcag 20

<210> 4368
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4368
agggagagaa gaugcuggcu 20

<210> 4369
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4369
ucuuagccua ggaagauuca 20

<210> 4370
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4370
guaucucagg guucuugccu 20

<210> 4371
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4371
cucaaguggu uugcccgccu 20

<210> 4372
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4372
caaaaccagc cugagcaaua 20

<210> 4373
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4373
ugaggcgggu cuaucaccug 20

<210> 4374
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4374
ugcccagggg cuggggggagg 20

<210> 4375
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4375
cagccaugag ccacugcguc 20

<210> 4376
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4376
uaagaugugg ggccuuuggg 20

<210> 4377
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4377
caaaaaguau cugggcauga 20

<210> 4378
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4378
uuaaauuaau uaaaauuggc 20

<210> 4379
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4379
uggaagugag cagagagaga 20

<210> 4380

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4380
ccgucuguau gcucccccag 20

<210> 4381
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4381
cagcauuugg gcacgaaggc 20

<210> 4382
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4382
caugcccuga gauggggaca 20

<210> 4383
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4383
acuuccacug ccaccacccu 20

<210> 4384
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4384
uuuacagcug aggccccagc 20

<210> 4385
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4385
augcccugag auggggacaa 20

<210> 4386
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4386
uugaaugaau gaaugcuuug 20

<210> 4387
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4387
aaugcagcau uugggcacga 20

<210> 4388
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4388
uaaaauuaca aaaaugaucc 20

<210> 4389
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4389
ggaaggagcu cucagcagau 20

<210> 4390
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4390
aaguaucugg gcaugauggc 20

<210> 4391
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4391
ugccccgcug cucaaaccuc 20

<210> 4392
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4392
ugcagcuauu aaaaaggaug 20

<210> 4393
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4393
acgccacugu acucccagcc 20

<210> 4394
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4394
uauuguauuu cuuguagaga 20

<210> 4395
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4395
ugagucucgc ucagucaccc 20

<210> 4396
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4396
uuggcggaag aagacacaag 20

<210> 4397
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4397
ccgagcuacu uggaagacug 20

<210> 4398
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4398
aaggagcucu cagcagauag 20

<210> 4399
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4399
ugaagcacuu gaaauguggc 20

<210> 4400
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4400
gaaggagcuc ucagcagaua 20

<210> 4401
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4401
ggagggaagg aauaucacac 20

<210> 4402
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4402
gagggaagga auaucacaca 20

<210> 4403
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4403
uggccggacg caguggcuca 20

<210> 4404
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4404
cgggucuauc accugagguc 20

<210> 4405
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4405
uggcuguaau ucuaacacuu 20

<210> 4406
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4406
ggcuguaauu cuaacacuuu 20

<210> 4407
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4407
ggcuugagcc cuggaguuca 20

<210> 4408
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4408
ccucuggggg agcauacaga 20

<210> 4409
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4409
gggggagcau acagacgggc 20

<210> 4410
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4410
agggucucgc caugcugccc 20

<210> 4411
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4411
augagccacu gcguccggcc 20

<210> 4412
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4412
gaggagaauc gauugaaccc 20

<210> 4413
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4413
caaggcagga guaucaccug 20

<210> 4414
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4414
acaaaagggg ccgggcgcgg 20

<210> 4415
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4415
aaaaaggaug aguucaugua 20

<210> 4416
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4416

cugucguggg gugggggagc 20

<210> 4417
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4417
cgccacugua cucccagccu 20

<210> 4418
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4418
ugcccaggcu gggaguacag 20

<210> 4419
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4419
caaaaauaca aaaaguaucu 20

<210> 4420
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4420
acaaaaauac aaaaaguauc 20

<210> 4421
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4421
cgggcaaacc acuugagguc 20

<210> 4422
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4422
uuguaucuuu aguagagcca 20

<210> 4423
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4423
aauaaauuag ccggaugugg 20

<210> 4424
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4424
gagacagggu uucagcaugc 20

<210> 4425
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4425
cccccagagg uuugagcagc 20

<210> 4426
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4426
aaaaaaggau gaguucaugu 20

<210> 4427
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4427
agcaccacug cacuccagug 20

<210> 4428
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4428
cagguguccu gcccuauacc 20

<210> 4429
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4429
gcuuguaguc ccagcuacca 20

<210> 4430
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4430
gaugaguuca uguagggaca 20

<210> 4431
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4431
ccaugggagg cugaggugag 20

<210> 4432
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4432
uauuuauuuu uagcagagac 20

<210> 4433
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4433
uuuguaucuu uaguagagcc 20

<210> 4434
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4434
agacgggguu ucaccagguu 20

<210> 4435

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4435
gggcuugcag aaugagugca 20

<210> 4436
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4436
ggccugcuuc agggaagaag 20

<210> 4437
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4437
aggguuucag caugcuggcc 20

<210> 4438
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4438
ugagaccagc cugcccaacc 20

<210> 4439
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4439
caggcaugag cuaccccgcc 20

<210> 4440
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4440
aaaaaaaaaa aaacaagucu 20

<210> 4441
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4441
auaaaauacc auaaacuagg 20

<210> 4442
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4442
gccgguaauc ccaguuacuc 20

<210> 4443
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4443
uguuaauuuu uuuguagaga 20

<210> 4444
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4444
cucaaacuuc ugagcucaag 20

<210> 4445
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4445
auacuaugca gcuauuaaaa 20

<210> 4446
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4446
agaaaagagg ccaggugcag 20

<210> 4447
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4447
guuaauuuuu uuguagagac 20

<210> 4448
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4448
cuucaggagg ccaaggccag 20

<210> 4449
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4449
caaaaaugau ccgggcgugg 20

<210> 4450
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4450
gcacaggaug ggggcguggu 20

<210> 4451
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4451
ggucuggaac ucucgaccuc 20

<210> 4452
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4452
ugccaaauag uuuuccaaag 20

<210> 4453
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4453
ccugucacau gagggucuuc 20

<210> 4454
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4454
ccucuaaucc cagcuacucg 20

<210> 4455
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4455
ggcugggaag uccacgauca 20

<210> 4456
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4456
ccugaagacc cucaugugac 20

<210> 4457
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4457
cggaagaaga cacaaguggc 20

<210> 4458
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4458
gcaggacacc ugucacauga 20

<210> 4459
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4459
ugucacauga gggucuucag 20

<210> 4460
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4460
cagcagauag gggagccaga 20

<210> 4461
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4461
gggguuuucac cauguuuccc 20

<210> 4462
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4462
ccccgaguag cugggauuag 20

<210> 4463
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4463
cacuugagcu ggggaggcgg 20

<210> 4464
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4464
aucaaggugc cagcagauuu 20

<210> 4465
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4465
cugucacaug agggucuuca 20

<210> 4466
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4466
guccgugggc acaggccugg 20

<210> 4467
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4467
ggcaggacac cugucacaug 20

<210> 4468
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4468
agcagauagg ggagccagaa 20

<210> 4469
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4469
cgcuugugug ucugccugcu 20

<210> 4470
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4470
ccggcaugcg ccaccaugcc 20

<210> 4471
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4471

ccagaccagc cuggccaagg 20

<210> 4472
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4472
cgugggcaca ggccuggggg 20

<210> 4473
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4473
agaaaacugc agaagcagga 20

<210> 4474
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4474
cucuaauccc agcuacucgg 20

<210> 4475
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4475
ggaugggggc gugugggcc 20

<210> 4476
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4476
cucaggugau acuccugccu 20

<210> 4477
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4477
ccaccuuggc caggcugguc 20

<210> 4478
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4478
gucuugggaa augcagcauu 20

<210> 4479
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4479
ccaggcaugg uggcgcaugc 20

<210> 4480
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4480
cggaagaauc agaucacacg 20

<210> 4481
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4481
gggguuucac cagguuggggc 20

<210> 4482
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4482
ucacugaugg acguuugggu 20

<210> 4483
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4483
aacguccauc agugauagac 20

<210> 4484
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4484
ucuaucacug auggacguuu 20

<210> 4485
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4485
gaugggggcg uggugggcca 20

<210> 4486
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4486
gcgaggaaca ucacacacug 20

<210> 4487
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4487
aaucacuuga gcuggggagg 20

<210> 4488
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4488
caggaguauc accugagguc 20

<210> 4489
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4489
gugggguggg ggagcgggga 20

<210> 4490

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4490
uuucaccagg uugggcaggc 20

<210> 4491
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4491
ucuugggaaa ugcagcauuu 20

<210> 4492
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4492
guuccagacc agccuggcca 20

<210> 4493
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4493
ucucgccaug cugcccaggc 20

<210> 4494
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4494
uuucagcaug cuggccaggc 20

<210> 4495
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4495
gggggcgugg ugggccaggg 20

<210> 4496
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4496
gucuaucacu gauggacguu 20

<210> 4497
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4497
uaacacaagc cgccuacaga 20

<210> 4498
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4498
aauagcugca uaguauucca 20

<210> 4499
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4499
uccugccuca ggcucccgag 20

<210> 4500
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4500
cuagcaggca gacacacaag 20

<210> 4501
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4501
gccacucggg agccugaggc 20

<210> 4502
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4502
agguccgugg gcacaggccu 20

<210> 4503
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4503
gccucaggcu cccgaguggc 20

<210> 4504
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4504
cccagccacu cgggagccug 20

<210> 4505
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4505
uguagagacg gggguuucacc 20

<210> 4506
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4506
acugccacug uacuccagcc 20

<210> 4507
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4507
ucucaaacuu cugagcucaa 20

<210> 4508
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4508
gucucaaacu ucugagcuca 20

<210> 4509
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4509
ccucaggcuc ccgaguggcu 20

<210> 4510
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4510
aggccugugc ccacggaccu 20

<210> 4511
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4511
accuguaauc ccagccaccu 20

<210> 4512
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4512
agagucucgc uguguugcuc 20

<210> 4513
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4513
uagguccgug ggcacaggcc 20

<210> 4514
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4514
caccccagg ccugugccca 20

<210> 4515
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4515
ucagccuccc ccgaguagcu 20

<210> 4516
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4516
ggcacaggau gggggcgugg 20

<210> 4517
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4517
gcuugugugu cugccugcua 20

<210> 4518
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4518
ccucucaccu cagccuccca 20

<210> 4519
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4519
auaauaaaau accauaaacu 20

<210> 4520
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4520
caccuguaau cccagccacc 20

<210> 4521
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4521
cgucuguaau cccagccacu 20

<210> 4522
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4522
aggagaauca cuugaaaccc 20

<210> 4523
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4523
uaaucccagc uacucggggg 20

<210> 4524
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4524
gggauuacag ccaccaugcc 20

<210> 4525
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4525
cuggaacucc ugaccucaag 20

<210> 4526
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4526

uacuuaggag uggaauugcu 20

<210> 4527
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4527
gguccguggg cacaggccug 20

<210> 4528
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4528
gagccaccau gcccggccca 20

<210> 4529
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4529
cuuacucuug ucgcccaggc 20

<210> 4530
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4530
ccugucgugg gguggggggag 20

<210> 4531
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4531
aggaggucga ggcugcagug 20

<210> 4532
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4532
ggaagaauca gaucacacgu 20

<210> 4533
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4533
auacagacgg gcaggcugug 20

<210> 4534
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4534
gaguggaauu gcugggucau 20

<210> 4535
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4535
gccugucauc ccagcuacua 20

<210> 4536
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4536
uuuauaagcc accuaguuua 20

<210> 4537
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4537
gcauacagac gggcaggcug 20

<210> 4538
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4538
uggugggcca ggguggucuu 20

<210> 4539
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4539
ucacucuguc acccagacug 20

<210> 4540
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4540
cauacagacg ggcaggcugu 20

<210> 4541
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4541
aacugaacaa ugaaaacacu 20

<210> 4542
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4542
cuuacucugu ugcccaggcu 20

<210> 4543
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4543
gguuuugaac uccugaccuu 20

<210> 4544
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4544
gugguggggcc aggguggucu 20

<210> 4545

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4545
caggugugca ccaccauggc 20

<210> 4546
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4546
ucccuaguag cugggaugac 20

<210> 4547
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4547
uuuugccaua uugcucaggc 20

<210> 4548
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4548
acuuggaaga cugagguggg 20

<210> 4549
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4549
cucagcacuu ugggagggcg 20

<210> 4550
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4550
gugucugccu gcuagggucu 20

<210> 4551
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4551
ugucauccca gcuacuaggg 20

<210> 4552
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4552
ugugcccacg gaccuaggug 20

<210> 4553
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4553
gcuacuugga agacugaggu 20

<210> 4554
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4554
gccccgcugc ucaaaccucu 20

<210> 4555
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4555
ucuaacacuu ugggaggcug 20

<210> 4556
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4556
ucaccuaggu ccgugggcac 20

<210> 4557
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4557
ucccaggugg cugggauuac 20

<210> 4558
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4558
agcuacuugg aagacugagg 20

<210> 4559
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4559
caggccgauc acuugagguc 20

<210> 4560
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4560
cagacgugug ccaccacgcc 20

<210> 4561
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4561
gucucaaauu ccugggcuca 20

<210> 4562
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4562
acuacaggug ugcaccacca 20

<210> 4563
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4563
gagacagggu uucaccaccu 20

<210> 4564
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4564
uguaauccca gccaccuggg 20

<210> 4565
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4565
gacuguaauc ccagcacuuc 20

<210> 4566
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4566
cucaagcaau ccucuggccu 20

<210> 4567
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4567
ucucaaauuc cugggcucaa 20

<210> 4568
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4568
aggguuucac caccuuggcc 20

<210> 4569
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4569
caggcgugag ccccugcacc 20

<210> 4570
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4570
uugcucaggg uggagugcag 20

<210> 4571
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4571
auaggcacag gaugggggcg 20

<210> 4572
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4572
cacugcagcc uugaacucca 20

<210> 4573
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4573
gcuacuaggg aggcugaggg 20

<210> 4574
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4574
caggcacgca ccaccacauc 20

<210> 4575
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4575
gccaccuggg aggcugaggc 20

<210> 4576
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4576
gaagacugcu ugagcccagg 20

<210> 4577
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4577
uccugccuca gccucccagg 20

<210> 4578
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4578
uaaauaaaua aaaauuagcc 20

<210> 4579
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4579
uuaauuuuuu uguagagacg 20

<210> 4580
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4580
gccucagccu cccagguggc 20

<210> 4581
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4581

cccucagccu cccuaguagc 20

<210> 4582
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4582
aaaaaaaaaa aaaaagacau 20

<210> 4583
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4583
aaaaaaaaag ccaggcacag 20

<210> 4584
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4584
ccuguccuca ccuagguccg 20

<210> 4585
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4585
aacccgggag auggagguug 20

<210> 4586
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4586
gucuguaauc ccagccacuc 20

<210> 4587
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4587
ggguuucaac auaugaauuu 20

<210> 4588
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4588
cuguccucac cuagguccgu 20

<210> 4589
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4589
ccacggaccu aggugaggac 20

<210> 4590
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4590
ucuugcucug ucacccacac 20

<210> 4591
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4591
ucuuaaguag cugggacuac 20

<210> 4592
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4592
ucaccacaac cuccaucucc 20

<210> 4593
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4593
ccagcuacua gggaggcuga 20

<210> 4594
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4594
aggagugccu guccucaccu 20

<210> 4595
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4595
caccacaacc uccaucuccc 20

<210> 4596
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4596
guuacucagg aagcugaggc 20

<210> 4597
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4597
uguaguccca gcuacuuaag 20

<210> 4598
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4598
ccagaggauu gcuugagccc 20

<210> 4599
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4599
ggcuugagcc ugggagguug 20

<210> 4600

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4600
gaucaaggug ccagcagauu 20

<210> 4601
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4601
ccucagccuc ccagguggcu 20

<210> 4602
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4602
gggaggcuga ggugagagga 20

<210> 4603
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4603
cccagccacc ugggaggcug 20

<210> 4604
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4604
acaggugcag cacaccaaca 20

<210> 4605
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4605
gcaccacugc acuccagugu 20

<210> 4606
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4606
gccucagcuu ccugaguaac 20

<210> 4607
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4607
ugagaggaug gcuugagccc 20

<210> 4608
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4608
uguaauucua acacuuuggg 20

<210> 4609
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4609
ccugggcuca agcaauccuc 20

<210> 4610
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4610
gagccagggu uucaccaugu 20

<210> 4611
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4611
gagaaucgau ugaacccagg 20

<210> 4612
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4612
gguuucaaca uaugaauuuu 20

<210> 4613
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4613
ggagugcagu ggugcaauau 20

<210> 4614
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4614
auacaaaaau uagccggcca 20

<210> 4615
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4615
cccaguuacu caggaagcug 20

<210> 4616
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4616
caaaaauuag ccggccaugg 20

<210> 4617
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4617
aaauaaaaau uagccaggug 20

<210> 4618
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4618
caggugcaua ccaccacacc 20

<210> 4619
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4619
gcacuuuggg aagcugagac 20

<210> 4620
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4620
ccucagcuuc cugaguaacu 20

<210> 4621
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4621
cuuugggagg gcgagguggg 20

<210> 4622
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4622
gcuacuuaag aggcugaggc 20

<210> 4623
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4623
ugggaagacu gcuugagccc 20

<210> 4624
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4624
guuucaacau augaauuuug 20

<210> 4625
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4625
gccucagccu cuuaaguagc 20

<210> 4626
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4626
caaggcaggu ggaucaccua 20

<210> 4627
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4627
uucaacauau gaauuuuggg 20

<210> 4628
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4628
cugccacugu acuccagccu 20

<210> 4629
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4629
uuguguuuuu uguagagaca 20

<210> 4630
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4630
uuucaccacc uuggccaggc 20

<210> 4631
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4631
ucucgcucag ucacccaggc 20

<210> 4632
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4632
ugcauuuccc aagaccaccc 20

<210> 4633
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4633
ucuuucuuuc uuuuuugaga 20

<210> 4634
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4634
ccucagucuu ccaaguagcu 20

<210> 4635
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4635
cuuugggagg acaaggcagg 20

<210> 4636
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4636

gagugcaagg uuuuauugag 20

<210> 4637
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4637
guaaucucag cacuuuggga 20

<210> 4638
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4638
caaacauuag ccaggcaugg 20

<210> 4639
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4639
ugagaccagc cugggcagca 20

<210> 4640
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4640
auacaaacau uagccaggca 20

<210> 4641
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4641
uauuauuauu auuuugagac 20

<210> 4642
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4642
cccagcuacu uaagaggcug 20

<210> 4643
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4643
ucacccacac uggagugcag 20

<210> 4644
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4644
gcacuuuggg agggcgaggu 20

<210> 4645
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4645
gagacagggu uuugcuaugu 20

<210> 4646
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4646
ccucagccuc uuaaguagcu 20

<210> 4647
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4647
aggguuuugc uauguuggcc 20

<210> 4648
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4648
uuuguguuuu uuguagagac 20

<210> 4649
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4649
uuucaacaua ugaauuuugg 20

<210> 4650
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4650
ggggccuuug ggaggugauu 20

<210> 4651
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4651
aguggaauug cugggucaua 20

<210> 4652
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4652
cacuguagcc ucaaccuccc 20

<210> 4653
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4653
caaaaaacac aaaaauuagc 20

<210> 4654
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4654
ggaguacaau ggcgcgaucu 20

<210> 4655

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4655
uuuuuuuuuu cuuuugagac 20

<210> 4656
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4656
uggccaacau ggugaaaccc 20

<210> 4657
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4657
cgcuugaacc cggaaggcag 20

<210> 4658
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4658
gagacggggu uucaccaggu 20

<210> 4659
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4659
uggggccugu cgugggggugg 20

<210> 4660
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4660
ucucagcuuc ccaaagugcu 20

<210> 4661
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4661
cuggggccug ucgugggggug 20

<210> 4662
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4662
cguuugaacc ugggaggcgg 20

<210> 4663
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4663
cacuggggcc ugucgugggg 20

<210> 4664
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4664
aacuccugac cucaagugau 20

<210> 4665
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4665
caggcugguc uugagcuccu 20

<210> 4666
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4666
cgcgccauug uacuccagcc 20

<210> 4667
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4667
cgcuugaacc cgggagaugg 20

<210> 4668
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4668
agagucuuac ucugucgccc 20

<210> 4669
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4669
aagaggcuga ggcaggagaa 20

<210> 4670
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4670
aaaaaacaca aaaauuagcu 20

<210> 4671
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4671
acuggggccu gucguggggu 20

<210> 4672
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4672
gcacuuuggg aggacaaggc 20

<210> 4673
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4673
gccuuggccu ccugaagugc 20

<210> 4674
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4674
gccuuguccu cccaaagugc 20

<210> 4675
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4675
agcacuuugg gagggcgagg 20

<210> 4676
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4676
acacacuggg gccugucgug 20

<210> 4677
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4677
uggcuguaau cccagcuacu 20

<210> 4678
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4678
caggagaauc acuugaaacc 20

<210> 4679
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4679
ugccugucau cccagcuacu 20

<210> 4680
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4680
cacacacugg ggccugucgu 20

<210> 4681
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4681
cagguggauc accuaagguc 20

<210> 4682
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4682
uguuguuguu guuuuugaga 20

<210> 4683
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4683
ugccucuaau cccagcuacu 20

<210> 4684
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4684
ggagugcagu ggagcgaucu 20

<210> 4685
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4685
cccagcacuu caggaggcca 20

<210> 4686
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4686
ggcuguaauc ccagcuacuc 20

<210> 4687
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4687
ugcuugagcc caggaggucg 20

<210> 4688
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4688
uuuguauuuu uguagagacg 20

<210> 4689
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4689
ggagucuuac ucuguugccc 20

<210> 4690
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4690
ccuuggccuc cugaagugcu 20

<210> 4691
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4691

caggagcuca agaccagccu 20

<210> 4692
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4692
ccaggcuggu cuugagcucc 20

<210> 4693
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4693
ccaggagcuc aagaccagcc 20

<210> 4694
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4694
gaauuucacu cuuguugccc 20

<210> 4695
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4695
cgauaguuug cucagaauga 20

<210> 4696
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4696
cccagcacuu ugggaggaca 20

<210> 4697
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4697
auucugagca aacuaucgca 20

<210> 4698
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4698
cuaaagauac aaaaauuagc 20

<210> 4699
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4699
ccuuguccuc ccaaagugcu 20

<210> 4700
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4700
cgcuccacug cacuccagcc 20

<210> 4701
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4701
gcgccauugu acuccagccu 20

<210> 4702
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4702
aucucaaaaa aaaaaaaaaa 20

<210> 4703
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4703
gagcggggag ggauagcauu 20

<210> 4704
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4704
ucaagcgauu cuccugccuc 20

<210> 4705
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4705
uuaauccagu cuaucacuga 20

<210> 4706
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4706
gagaaucgcu ugaacccgga 20

<210> 4707
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4707
gccucuaauc ccagcuacuc 20

<210> 4708
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4708
uuguaauuuu aguagagacg 20

<210> 4709
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4709
aaucgcuuga acccgggaga 20

<210> 4710

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4710
uuuugcuaug uuggccaggc 20

<210> 4711
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4711
uaaaaauaca aacauuagcc 20

<210> 4712
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4712
ucacacacug gggccugucg 20

<210> 4713
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4713
ccauguuggu caggcugguc 20

<210> 4714
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4714
ccagaccagc cugaccaaca 20

<210> 4715
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4715
ugacuguaau cccagcacuu 20

<210> 4716
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4716
caggcugguc ucaaauuccu 20

<210> 4717
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4717
ugggaggauc ccuugagccc 20

<210> 4718
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4718
ugcaccacug cacuccaguc 20

<210> 4719
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4719
ucuuacucug ucgcccaggc 20

<210> 4720
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4720
ucucacucug uugcccagac 20

<210> 4721
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4721
aacugcuuga acccaggagg 20

<210> 4722
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4722
acacaaaaau uagcugggca 20

<210> 4723
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4723
ggauuacagg cgugagccac 20

<210> 4724
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4724
gccgaggugg gcggaucaug 20

<210> 4725
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4725
cagaaguuug agaccagccu 20

<210> 4726
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4726
gaggucucac uauguugccc 20

<210> 4727
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4727
uuuuguauuu uuguagagac 20

<210> 4728
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4728
ucgggaguuc gagaccagcc 20

<210> 4729
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4729
ugccuguaac cccagcacuu 20

<210> 4730
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4730
uuuguaauuu uaguagagac 20

<210> 4731
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4731
gcuccacugc acuccagccu 20

<210> 4732
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4732
gcaggcagau caccugaggu 20

<210> 4733
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4733
uccugaguaa cugggauuac 20

<210> 4734
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4734
cuuggccucc caaagugcug 20

<210> 4735
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4735
caggugugug ccaccacacc 20

<210> 4736
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4736
ccaggcuggu cucaaauucc 20

<210> 4737
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4737
ccaggaauuu gagaccagcc 20

<210> 4738
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4738
uuuuuguauu uuuguagaga 20

<210> 4739
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4739
uguaauccca gcacuucagg 20

<210> 4740
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4740
gagaacugcu ugaacccagg 20

<210> 4741
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4741
caggaauuug agaccagccu 20

<210> 4742
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4742
ucagaaguuu gagaccagcc 20

<210> 4743
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4743
gacuguaauc ccagcacuuu 20

<210> 4744
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4744
gcaccacugc acuccagucu 20

<210> 4745
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4745
uaaaaauuag ccaggugugg 20

<210> 4746
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4746

uuuuguaauu uuaguagaga 20

<210> 4747
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4747
uaaaaauaca aaaaucagcu 20

<210> 4748
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4748
gccucggucu cccaaagugc 20

<210> 4749
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4749
gcacuuuggg agaccgaggc 20

<210> 4750
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4750
agcacuuugg gagaccgagg 20

<210> 4751
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4751
accucaugau ccgcccaccu 20

<210> 4752
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4752
cacugcaacc ucugccuucc 20

<210> 4753
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4753
ucuuacucug uugcccaggc 20

<210> 4754
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4754
cacugcagcc ucgaccuccu 20

<210> 4755
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4755
aaaaaaaaaa aaaaaaagcc 20

<210> 4756
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4756
gggguuucuc cauguuggcc 20

<210> 4757
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4757
caggagaacu gcuugaaccc 20

<210> 4758
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4758
ggugggcgga ucaugagguc 20

<210> 4759
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4759
uugcccaggc uggaguacaa 20

<210> 4760
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4760
ucacugcagc cucgaccucc 20

<210> 4761
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4761
ucacugcaac cucugccuuc 20

<210> 4762
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4762
gggauuacag gcgugagcca 20

<210> 4763
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4763
gccuguaguc ccagcuacua 20

<210> 4764
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4764
cuaaaaauac aaaaaucagc 20

<210> 4765

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4765
caggcgcccg ccaccacacc 20

<210> 4766
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4766
cccagcacuu ugggagaccg 20

<210> 4767
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4767
uugcccagac uggagugcag 20

<210> 4768
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4768
caaaaaaaaa aaaaaaaaaa 20

<210> 4769
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4769
acacuuuggg aggcugaggu 20

<210> 4770
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4770
ccucggucuc ccaaagugcu 20

<210> 4771
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4771
ucacugcagc cuugaacucc 20

<210> 4772
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4772
aaaaaaaaaa aaaaaaaaga 20

<210> 4773
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4773
gccuguaacc ccagcacuuu 20

<210> 4774
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4774
auuauuauac uuuaaguucu 20

<210> 4775
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4775
uuguauuuuu aguagagacu 20

<210> 4776
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4776
ucgcccaggc uggaguacag 20

<210> 4777
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4777
cgaggcaggc agaucaccug 20

<210> 4778
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4778
cgaggcaggc agaucaccug 20

<210> 4779
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4779
ucccuaguag cugggacuac 20

<210> 4780
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4780
uuucuccaug uuggccaggc 20

<210> 4781
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4781
aauacaaaau uagccaggca 20

<210> 4782
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4782
uguaguccca gcuacuaggg 20

<210> 4783
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4783
ggagugcaau ggcgcaaucu 20

<210> 4784
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4784
acaaaauuag ccaggcaugg 20

<210> 4785
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4785
aaugguguga acccgggagg 20

<210> 4786
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4786
uucuccugcc ucagccuccc 20

<210> 4787
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4787
ucaggaguuc cagaccagcc 20

<210> 4788
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4788
ucccaaagug cuggggguac 20

<210> 4789
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4789
uguaacccca gcacuuuggg 20

<210> 4790
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4790
aaaaaaaaaa aaaaaaaaag 20

<210> 4791
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4791
uacaaaaaau uagccgggug 20

<210> 4792
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4792
caggugugag ccaccacacc 20

<210> 4793
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4793
aacacuuugg gaggcugagg 20

<210> 4794
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4794
ggucucgaac ucccgaccuc 20

<210> 4795
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4795
uacaaaaaau uagccaggug 20

<210> 4796
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4796
caggcaugag ccaccgcacc 20

<210> 4797
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4797
ugcgccauug cacuccagcc 20

<210> 4798
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4798
uuauuauacu uuaaguucua 20

<210> 4799
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4799
gagaauggug ugaacccggg 20

<210> 4800
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4800
aauuagccgg gugugguggc 20

<210> 4801
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4801

caccgcaugu ucucacucau 20

<210> 4802
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4802
caaggcaggu ggaucaccug 20

<210> 4803
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4803
cgcauguucu cacucauagg 20

<210> 4804
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4804
aaauuagccg gguguggugg 20

<210> 4805
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4805
cgccuguaau cucagcacuu 20

<210> 4806
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4806
cucaggugau cugccugccu 20

<210> 4807
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4807
cucaggugau cugccugccu 20

<210> 4808
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4808
gcuacuaggg aggcugaggc 20

<210> 4809
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4809
ugcuugaacc caggaggcgg 20

<210> 4810
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4810
gccucagccu cccuaguagc 20

<210> 4811
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4811
gagacggggu uucuccaugu 20

<210> 4812
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4812
gagugagaac augcgguguu 20

<210> 4813
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4813
gguacaugug cacaacgugc 20

<210> 4814
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4814
aaaaaauuag ccggggugugg 20

<210> 4815
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4815
ccuagcacuu ugggaggccg 20

<210> 4816
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4816
caggcgugag ccacugugcc 20

<210> 4817
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4817
cccagcuacu agggaggcug 20

<210> 4818
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4818
cccagcuacu agggaggcug 20

<210> 4819
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4819
cgccuguaau ccuagcacuu 20

<210> 4820

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4820
uguagggaca uggaugaagc 20

<210> 4821
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4821
ccucagccuc ccuaguagcu 20

<210> 4822
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4822
ccucagccuc ccuaguagcu 20

<210> 4823
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4823
ugccuguaau ccuagcacuu 20

<210> 4824
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4824
caggcagauc accugagguc 20

<210> 4825
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4825
caggcagauc accugagguc 20

<210> 4826
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4826
gcauguucuc acucauaggu 20

<210> 4827
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4827
caccuaugag ugagaacaug 20

<210> 4828
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4828
gcaggagaau ggugugaacc 20

<210> 4829
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4829
caggcaugag ccaccaugcc 20

<210> 4830
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4830
caggagaaug gugugaaccc 20

<210> 4831
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4831
caugccauug cacuccagcc 20

<210> 4832
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4832
ucucacuaug uugcccaggc 20

<210> 4833
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4833
augccauugc acuccagccu 20

<210> 4834
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4834
aaaaaauuag ccaggugugg 20

<210> 4835
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4835
uauguauaca ugugccaugu 20

<210> 4836
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4836
gggguuucac uguguuagcc 20

<210> 4837
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4837
gaguuucacu cuuguugccc 20

<210> 4838
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4838
cucaggugau ccaccugccu 20

<210> 4839
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4839
uucacucuug uugcccaggc 20

<210> 4840
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4840
uucacucuug uugcccaggc 20

<210> 4841
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4841
gccuguaauc ucagcacuuu 20

<210> 4842
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4842
gcgccauugc acuccagccu 20

<210> 4843
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4843
gggguuucac cauguugguc 20

<210> 4844
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4844
accucagccu ccugaguagc 20

<210> 4845
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4845
agcuacucag gaggcugagg 20

<210> 4846
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4846
agcuacucag gaggcugagg 20

<210> 4847
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4847
gcuacucagg aggcugaggu 20

<210> 4848
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4848
uuuuuuuuuu uuuuugagac 20

<210> 4849
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4849
uuuuuuuuuu uuuuugagac 20

<210> 4850
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4850
uuuuuuuuuu uuuugagaca 20

<210> 4851
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4851
uuuuuuuuuu uuuugagaca 20

<210> 4852
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4852
uuucacugug uuagccagga 20

<210> 4853
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4853
ucacccaggc uggagugcaa 20

<210> 4854
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4854
accuguaauc ccagcuacuu 20

<210> 4855
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4855
cuaaaaauac aaaauuagcc 20

<210> 4856
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4856

gccuguaauc cuagcacuuu 20

<210> 4857
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4857
gccuguaauc cuagcacuuu 20

<210> 4858
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4858
ggagugcagu ggcgugaucu 20

<210> 4859
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4859
ggagugcagu ggcgugaucu 20

<210> 4860
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4860
ucccaaagug cugagauuac 20

<210> 4861
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4861
uguaaucuca gcacuuuggg 20

<210> 4862
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4862
uagacuggau uaagaaaaug 20

<210> 4863
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4863
uuucaccaug uuggucaggc 20

<210> 4864
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4864
cacugcaacc uccgccuccu 20

<210> 4865
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4865
ggagucucgc ucugucgccc 20

<210> 4866
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4866
aauguggcac auauacacca 20

<210> 4867
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4867
acgccacugc acuccagccu 20

<210> 4868
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4868
ucccaaagug cuaggauuac 20

<210> 4869
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4869
ucccaaagug cuaggauuac 20

<210> 4870
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4870
ggagugcagu ggcgcgaucu 20

<210> 4871
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4871
cacgccacug cacuccagcc 20

<210> 4872
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4872
uguaauccua gcacuuuggg 20

<210> 4873
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4873
caaaaauuag cugggcaugg 20

<210> 4874
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4874
cuuugggagg cugagguggg 20

<210> 4875

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4875
ggucucaaac uccugaccuc 20

<210> 4876
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4876
gagaaucgcu ugaacccagg 20

<210> 4877
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4877
caggcgugag ccaccgcgcc 20

<210> 4878
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4878
cuuugggagg ccaaggcagg 20

<210> 4879
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4879
ggucuugaac uccugaccuc 20

<210> 4880
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4880
ucucgcucug ucgcccaggc 20

<210> 4881
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4881
cuuugggagg ccgagguggg 20

<210> 4882
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4882
caccuguaau cccagcuacu 20

<210> 4883
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4883
cgcgccacug cacuccagcc 20

<210> 4884
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4884
accuguaguc ccagcuacuc 20

<210> 4885
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4885
aggguuucac cauguuggcc 20

<210> 4886
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4886
cacugcaagc uccgccuccc 20

<210> 4887
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4887
ugccuguagu cccagcuacu 20

<210> 4888
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4888
ggucucgaac uccugaccuc 20

<210> 4889
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4889
ucacugcaag cuccgccucc 20

<210> 4890
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4890
cacugcaacc uccgccuccc 20

<210> 4891
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4891
gcacuuuggg aggccgaggu 20

<210> 4892
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4892
ucacugcaac cuccgccucc 20

<210> 4893
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4893
caagaccagc cuggccaaca 20

<210> 4894
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4894
gagauggggu uucaccaugu 20

<210> 4895
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4895
uguaguccca gcuacucagg 20

<210> 4896
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4896
uguaguccca gcuacucagg 20

<210> 4897
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4897
uccugaguag cugggacuac 20

<210> 4898
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4898
uccugaguag cugggacuac 20

<210> 4899
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4899
caggagaauc gcuugaaccc 20

<210> 4900
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4900
caggagaauc gcuugaaccc 20

<210> 4901
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4901
cgagaccagc cuggccaaca 20

<210> 4902
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4902
gcaggagaau cgcuugaacc 20

<210> 4903
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4903
gcaggagaau cgcuugaacc 20

<210> 4904
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4904
uguaauccca gcuacucggg 20

<210> 4905
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4905
uaaaaauaca aaaaauuagc 20

<210> 4906
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4906
gcgccacugc acuccagccu 20

<210> 4907
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4907
ucccaaguag cugggauuac 20

<210> 4908
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4908
uguaauccca gcuacuuggg 20

<210> 4909
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4909
ucaggaguuc aagaccagcc 20

<210> 4910
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4910
ucaggaguuc gagaccagcc 20

<210> 4911
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4911

ucaggaguuc gagaccagcc 20

<210> 4912
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4912
aaaaauacaa aaaauuagcc 20

<210> 4913
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4913
aaaaauacaa aaaauuagcc 20

<210> 4914
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4914
ucaggagauc gagaccaucc 20

<210> 4915
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4915
gccuuggccu cccaaagugc 20

<210> 4916
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4916
gccuuggccu cccaaagugc 20

<210> 4917
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4917
gcacuuuggg aggccaaggc 20

<210> 4918
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4918
gcacuuuggg aggccaaggc 20

<210> 4919
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4919
gccucagccu cccaaagugc 20

<210> 4920
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4920
gcacuuuggg aggcugaggc 20

<210> 4921
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4921
agcacuuugg gaggcugagg 20

<210> 4922
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4922
ucgcccaggc uggagugcag 20

<210> 4923
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4923
ucgcccaggc uggagugcag 20

<210> 4924
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4924
uuguauuuuu aguagagaca 20

<210> 4925
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4925
uuguauuuuu aguagagaca 20

<210> 4926
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4926
uugcccaggc uggagugcag 20

<210> 4927
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4927
caccuguaau cccagcacuu 20

<210> 4928
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4928
gccuguaguc ccagcuacuc 20

<210> 4929
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4929
accuguaauc ccagcacuuu 20

<210> 4930

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4930
gcuacuuggg aggcugaggc 20

<210> 4931
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4931
gcuacucagg aggcugaggc 20

<210> 4932
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4932
cccagcacuu ugggaggcca 20

<210> 4933
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4933
cccagcacuu ugggaggcca 20

<210> 4934
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4934
gccucagccu cccaaguagc 20

<210> 4935
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4935
gccucggccu cccaaagugc 20

<210> 4936
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4936
gccucggccu cccaaagugc 20

<210> 4937
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4937
uuguauuuuu aguagagaug 20

<210> 4938
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4938
uuuuuuuuuu uuuuuugaga 20

<210> 4939
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4939
uuuuuuuuuu uuuuuugaga 20

<210> 4940
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4940
ccuuggccuc ccaaagugcu 20

<210> 4941
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4941
ccuuggccuc ccaaagugcu 20

<210> 4942
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4942
cccagcacuu ugggaggcug 20

<210> 4943
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4943
gcacuuuggg aggccgaggc 20

<210> 4944
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4944
gcacuuuggg aggccgaggc 20

<210> 4945
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4945
gccucagccu ccugaguagc 20

<210> 4946
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4946
uuuguauuuu uaguagagau 20

<210> 4947
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4947
uuucaccaug uuggccaggc 20

<210> 4948
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4948
gcuacucggg aggcugaggc 20

<210> 4949
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4949
agcacuuugg gaggccgagg 20

<210> 4950
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4950
cccagcuacu ugggaggcug 20

<210> 4951
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4951
ugccuguaau cccagcacuu 20

<210> 4952
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4952
ccucagccuc ccaaagugcu 20

<210> 4953
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4953
ccucagccuc ccaaguagcu 20

<210> 4954
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4954
cccagcuacu caggaggcug 20

<210> 4955
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4955
cccagcuacu caggaggcug 20

<210> 4956
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4956
gccucagccu cccgaguagc 20

<210> 4957
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4957
ccucagccuc cugaguagcu 20

<210> 4958
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4958
ccucagccuc cugaguagcu 20

<210> 4959
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4959
cccagcuacu cgggaggcug 20

<210> 4960
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4960
uuguauuuuu aguagagacg 20

<210> 4961
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4961
ccucagccuc ccgaguagcu 20

<210> 4962
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4962
cccagcacuu ugggaggccg 20

<210> 4963
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4963
cccagcacuu ugggaggccg 20

<210> 4964
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4964
ccucggccuc ccaaagugcu 20

<210> 4965
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4965
ccucggccuc ccaaagugcu 20

<210> 4966
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4966

ccucggccuc ccaaagugcu 20

<210> 4967
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4967
cgccuguaau cccagcacuu 20

<210> 4968
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4968
cgccuguaau cccagcacuu 20

<210> 4969
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4969
cgccuguaau cccagcacuu 20

<210> 4970
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4970
uuuguauuuu uaguagagac 20

<210> 4971
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4971
uuuguauuuu uaguagagac 20

<210> 4972
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4972
uuuguauuuu uaguagagac 20

<210> 4973
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4973
uuuguauuuu uaguagagac 20

<210> 4974
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4974
uuuuguauuu uuaguagaga 20

<210> 4975
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4975
uuuuguauuu uuaguagaga 20

<210> 4976
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4976
gccuguaauc ccagcacuuu 20

<210> 4977
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4977
gccuguaauc ccagcacuuu 20

<210> 4978
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4978
gccuguaauc ccagcacuuu 20

<210> 4979
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4979
gccuguaauc ccagcacuuu 20

<210> 4980
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4980
ucccaaagug cugggauuac 20

<210> 4981
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4981
ucccaaagug cugggauuac 20

<210> 4982
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4982
ucccaaagug cugggauuac 20

<210> 4983
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4983
ucccaaagug cugggauuac 20

<210> 4984
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4984
ucccaaagug cugggauuac 20

<210> 4985

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4985
uguaauccca gcacuuuggg 20

<210> 4986
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4986
uguaauccca gcacuuuggg 20

<210> 4987
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4987
uguaauccca gcacuuuggg 20

<210> 4988
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4988
uguaauccca gcacuuuggg 20

<210> 4989
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4989
uguaauccca gcacuuuggg 20

<210> 4990
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4990
accugaguaa uaaaaauugu 20

<210> 4991
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4991
uccaacaauu uuuauuacuc 20

<210> 4992
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4992
caacaugcca auuaguucac 20

<210> 4993
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4993
uuaauaaccu gugaacuaau 20

<210> 4994
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4994
ucacagguua uuaauuuaaa 20

<210> 4995
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4995
uuuaaaaggu cacuguugug 20

<210> 4996
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4996
cuuugucacu gucuugcucc 20

<210> 4997
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4997
cugucuugcu ccuggcuucc 20

<210> 4998
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4998
ccuggcuucc ugguuucaug 20

<210> 4999
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 4999
ccucaugaaa ccaggaagcc 20

<210> 5000
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5000
agaagguucc ucaugaaacc 20

<210> 5001
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5001
aauaucauuu gaacuuuaga 20

<210> 5002
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5002
auugaaacuc aacagaaaga 20

<210> 5003
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5003
aaacucaaca gaaagaagga 20

<210> 5004
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5004
aacucaacag aaagaaggaa 20

<210> 5005
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5005
uuguuuuuau agaaacucug 20

<210> 5006
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5006
uaaugagaag ucauguuucu 20

<210> 5007
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5007
ucauguuucu uggaaauuuu 20

<210> 5008
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5008
uguuucuugg aaauuuuagg 20

<210> 5009
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5009
uagaauuuaa uauuguaagc 20

<210> 5010
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5010
uguaagccgg acuauuacug 20

<210> 5011
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5011
guaagccgga cuauuacuga 20

<210> 5012
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5012
cuuaacccuc aguaauaguc 20

<210> 5013
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5013
cggacuauua cugaggguua 20

<210> 5014
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5014
gaagcuauua auagcucugc 20

<210> 5015
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5015
aagcuauuaa uagcucugcu 20

<210> 5016
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5016
ugcugggaca aguguaaaug 20

<210> 5017
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5017
guguaaauga ggacuguccc 20

<210> 5018
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5018
aggacugucc caggcaaauc 20

<210> 5019
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5019
ucccaggcaa aucaggacaa 20

<210> 5020
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5020
cccaggcaaa ucaggacaaa 20

<210> 5021
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5021

cccuuugucc ugauuugccu 20

<210> 5022
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5022
acccuuuguc cugauuugcc 20

<210> 5023
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5023
gggucacccu aguuuaaaua 20

<210> 5024
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5024
gcuaauccau auuuaaacua 20

<210> 5025
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5025
ugcuaaucca uauuuaaacu 20

<210> 5026
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5026
uuuaaauaug gauuagcaua 20

<210> 5027
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5027
uauuagacug caguggugcu 20

<210> 5028
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5028
agacuucuau uagacugcag 20

<210> 5029
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5029
uaggguuuau ugacuuucuu 20

<210> 5030
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5030
uggaauauau ugagucuuua 20

<210> 5031
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5031
auggaauaua uugagucuuu 20

<210> 5032
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5032
auuuagaagu uuaaaaguga 20

<210> 5033
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5033
cacuuuuaaa cuucuaaaug 20

<210> 5034
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5034
uaaacuucua aauguggccc 20

<210> 5035
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5035
cuucuaaaug uggcccuggc 20

<210> 5036
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5036
uaagcauauu augccugcca 20

<210> 5037
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5037
uuaagcauau uaugccugcc 20

<210> 5038
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5038
aggcauaaua ugcuuaaaua 20

<210> 5039
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5039
agagaguauu augucuaaga 20

<210> 5040

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5040
gggcacuaga gagguaagag 20

<210> 5041
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5041
ugaauugaug ggcacuagag 20

<210> 5042
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5042
aaaaggaauu cugaauugau 20

<210> 5043
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5043
uaaaaggaau ucugaauuga 20

<210> 5044
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5044
uugaaaguau aaacuuuaaa 20

<210> 5045
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5045
uacuuucaaa uauuaaaaau 20

<210> 5046
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5046
aaauauuaaa aauugguuga 20

<210> 5047
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5047
aauauuaaaa auugguugaa 20

<210> 5048
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5048
uuaaaaauug guugaagggu 20

<210> 5049
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5049
uaaaaauugg uugaaggguu 20

<210> 5050
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5050
aaaaauuggu ugaaggguug 20

<210> 5051
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5051
ugguugaagg guuggggaug 20

<210> 5052
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5052
ggguugggga uguggcucag 20

<210> 5053
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5053
gacucaugaa ggcugggcag 20

<210> 5054
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5054
ggacucauga aggcugggca 20

<210> 5055
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5055
gggacucaug aaggcugggc 20

<210> 5056
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5056
cucagggacu caugaaggcu 20

<210> 5057
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5057
acucagggac ucaugaaggc 20

<210> 5058
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5058
uuuaacucag ggacucauga 20

<210> 5059
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5059
gcuucuggga auuuaacuca 20

<210> 5060
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5060
ugcuucuggg aauuuaacuc 20

<210> 5061
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5061
guuugucuua uacugcuucu 20

<210> 5062
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5062
uguuugucuu auacugcuuc 20

<210> 5063
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5063
accuuacuuc auccauuuuc 20

<210> 5064
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5064
gccagaaaau ggaugaagua 20

<210> 5065
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5065
uguguagcua ugccagaaaa 20

<210> 5066
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5066
cauaccugca auccuaguuc 20

<210> 5067
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5067
uuguccagaa cuaggauugc 20

<210> 5068
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5068
gcuugaauuu guccagaacu 20

<210> 5069
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5069
aguucuggac aaauucaagc 20

<210> 5070
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5070
aaugccaacc ucagcuacuu 20

<210> 5071
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5071
caaaccuaag uagcugaggu 20

<210> 5072
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5072
caaccucagc uacuuagguu 20

<210> 5073
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5073
aaccucagcu acuuagguuu 20

<210> 5074
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5074
agcccaaacc uaaguagcug 20

<210> 5075
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5075
cugagacccu gucuuaacau 20

<210> 5076
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5076

ugagacccug ucuuaacauu 20

<210> 5077
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5077
gagacccugu cuuaacauug 20

<210> 5078
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5078
agacccuguc uuaacauugg 20

<210> 5079
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5079
ucucccccaa uguuaagaca 20

<210> 5080
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5080
cucucccca auguuaagac 20

<210> 5081
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5081
uuaacauugg gggagagccu 20

<210> 5082
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5082
auuggggggag agccuaggcu 20

<210> 5083
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5083
uguauagcuc agccuagccu 20

<210> 5084
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5084
cuauacagua agccucuguc 20

<210> 5085
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5085
uauacaguaa gccucugucu 20

<210> 5086
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5086
caguaagccu cugucuggga 20

<210> 5087
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5087
uaagccucug ucugggaagg 20

<210> 5088
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5088
aagccucugu cugggaagga 20

<210> 5089
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5089
uuucccuccu ucccagacag 20

<210> 5090
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5090
ugucugggaa ggagggaaaa 20

<210> 5091
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5091
ugggaaggag ggaaaaagga 20

<210> 5092
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5092
gaaaaaggaa ggaaagacau 20

<210> 5093
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5093
gacauugguu gaaugacuug 20

<210> 5094
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5094
acauugguug aaugacuugu 20

<210> 5095

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5095
acuguauguu uagaguguuc 20

<210> 5096
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5096
cuguauguuu agaguguuca 20

<210> 5097
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5097
guuuagagug uucagggaaa 20

<210> 5098
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5098
uagaguguuc agggaaaagg 20

<210> 5099
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5099
aggucauuug cagagcagag 20

<210> 5100
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5100
auucgucuua ucugaguggc 20

<210> 5101
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5101
guguauucgu cuuaucugag 20

<210> 5102
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5102
caugaauaua gaagaaacag 20

<210> 5103
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5103
aauaaaagac acaagacugc 20

<210> 5104
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5104
cuaauaauau uucuaguguc 20

<210> 5105
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5105
cuugagauuu uauuuucaca 20

<210> 5106
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5106
cuugugaaaa uaaaaucuca 20

<210> 5107
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5107
aauaaaaucu caaggucaua 20

<210> 5108
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5108
uacggcaaac acaaagaaac 20

<210> 5109
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5109
gucuucagac acuccagaag 20

<210> 5110
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5110
ucuucagaca cuccagaaga 20

<210> 5111
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5111
cgagaucuga ugcccucuuc 20

<210> 5112
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5112
gagggcauca gaucucguua 20

<210> 5113
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5113
gcaucagauc ucguuacgga 20

<210> 5114
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5114
gaugguugug agccaccaug 20

<210> 5115
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5115
gugagccacc augugguugc 20

<210> 5116
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5116
ugagccacca uguggguugcu 20

<210> 5117
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5117
aaaucccagc aaccacaugg 20

<210> 5118
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5118
uucaaauccc agcaaccaca 20

<210> 5119
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5119
ggauuugaac uucagaccuu 20

<210> 5120
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5120
cagaccuucg gaagagcagu 20

<210> 5121
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5121
agaccuucgg aagagcaguc 20

<210> 5122
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5122
gcacccgacu gcucuuccga 20

<210> 5123
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5123
ggcuggugag auggcucagu 20

<210> 5124
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5124
gggcugguga gauggcucag 20

<210> 5125
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5125
ugagccaucu caccagcccc 20

<210> 5126
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5126
aaaaccuggg gcuggugaga 20

<210> 5127
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5127
agaaaaaaaa aaccuggggc 20

<210> 5128
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5128
acuaagaaaa aaaaaaccug 20

<210> 5129
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5129
aacuaagaaa aaaaaaaccu 20

<210> 5130
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5130
caacuaagaa aaaaaaaacc 20

<210> 5131
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5131

uauuguuauu cuuuugagac 20

<210> 5132
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5132
aggaucccac acugaaacuc 20

<210> 5133
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5133
gcuagccuga guuucagugu 20

<210> 5134
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5134
ggcuagccug aguuucagug 20

<210> 5135
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5135
ggcuagccuu caauuuccua 20

<210> 5136
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5136
ucaaauccau aggaaauuga 20

<210> 5137
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5137
ugcuaugagg ucaaauccau 20

<210> 5138
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5138
gaaacuggcu gacugcuaug 20

<210> 5139
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5139
agcacucaga agguggaaac 20

<210> 5140
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5140
aaaucuuagc acucagaagg 20

<210> 5141
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5141
uugaaaucuu agcacucaga 20

<210> 5142
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5142
ggaauuggguguggcuc 20

<210> 5143
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5143
aucuuaggaa uuggugugg 20

<210> 5144
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5144
cauaucuuag gaauugggug 20

<210> 5145
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5145
aaaaacauau cuuaggaauu 20

<210> 5146
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5146
uaaaaacaua ucuuaggaau 20

<210> 5147
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5147
cuugcuuaaa aacauaucuu 20

<210> 5148
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5148
cuaagauaug uuuuuaagca 20

<210> 5149
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5149
auguuuuuaa gcaagguuau 20

<210> 5150

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5150
cacgucauug caaaggguua 20

<210> 5151
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5151
acccuuugca augacguguc 20

<210> 5152
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5152
uccugacacg ucauugcaaa 20

<210> 5153
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5153
uuccugacac gucauugcaa 20

<210> 5154
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5154
gacaacugga aaaaaaaaaa 20

<210> 5155
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5155
uuuuuuuuuu uccaguuguc 20

<210> 5156
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5156
uuuuuuccag uugucaggcc 20

<210> 5157
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5157
ccaguuguca ggccuggcaa 20

<210> 5158
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5158
ccauugccag gccugacaac 20

<210> 5159
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5159
caggccuggc aauggagccc 20

<210> 5160
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5160
aggccuggca auggagccca 20

<210> 5161
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5161
gggcccuggg cuccauugcc 20

<210> 5162
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5162
uuuagcaagc acagggcccu 20

<210> 5163
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5163
guuuagcaag cacagggccc 20

<210> 5164
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5164
gcccugugcu ugcuaaacga 20

<210> 5165
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5165
gccaucguuu agcaagcaca 20

<210> 5166
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5166
agccaucguu uagcaagcac 20

<210> 5167
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5167
gcuggguaua uauaacuuag 20

<210> 5168
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5168
agcuggguau auauaacuua 20

<210> 5169
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5169
aagcugggua uauauaacuu 20

<210> 5170
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5170
auauauaccc agcuuauccc 20

<210> 5171
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5171
gaaagauccu gggauaagcu 20

<210> 5172
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5172
agaaagaucc ugggauaagc 20

<210> 5173
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5173
gaaagucuga gaaagauccu 20

<210> 5174
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5174
agaaagucug agaaagaucc 20

<210> 5175
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5175
cuaucgaugu ugcuucucuu 20

<210> 5176
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5176
cuuuuuguga gaaaagagca 20

<210> 5177
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5177
ucuaagcaag aacccuuguc 20

<210> 5178
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5178
aucucucuga cuccagacaa 20

<210> 5179
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5179
uaucucucug acuccagaca 20

<210> 5180
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5180
gucagagaga uagcuuaguc 20

<210> 5181
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5181
uuuaaacaag aaaaguucug 20

<210> 5182
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5182
uuuuaaacaa gaaaaguucu 20

<210> 5183
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5183
uuuuuaaaca agaaaaguuc 20

<210> 5184
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5184
caaacaaaca aacaaaaacu 20

<210> 5185
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5185
caaaaacuag gcaugacagc 20

<210> 5186
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5186

acuaggcaug acagcuggag 20

<210> 5187
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5187
aggcaugaca gcuggagagg 20

<210> 5188
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5188
auuaacagca cuuguuaaag 20

<210> 5189
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5189
uguuaaagag gaccucagcu 20

<210> 5190
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5190
aggaccucag cuugguuccc 20

<210> 5191
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5191
ggaccucagc uugguuccca 20

<210> 5192
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5192
gagcccuggg aaccaagcug 20

<210> 5193
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5193
aacuggaguu auagagcccu 20

<210> 5194
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5194
gaacuggagu uauagagccc 20

<210> 5195
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5195
ggcucuauaa cuccaguucc 20

<210> 5196
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5196
gcucuauaac uccaguucca 20

<210> 5197
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5197
gcugucugag gcccuggaac 20

<210> 5198
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5198
caggaggcug ucugaggccc 20

<210> 5199
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5199
aggcuacagg aggcugucug 20

<210> 5200
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5200
augcaugaag aggcuacagg 20

<210> 5201
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5201
cugaugcaug aagaggcuac 20

<210> 5202
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5202
gccucuucau gcaucagaca 20

<210> 5203
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5203
accaugucug augcaugaag 20

<210> 5204
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5204
gacauggucc auaugcaugc 20

<210> 5205

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5205
guguuugacc ugcaugcaua 20

<210> 5206
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5206
aaaaauaaaa gucuaaaaaa 20

<210> 5207
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5207
caugcuauaa ucccagugcu 20

<210> 5208
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5208
augcuauaau cccagugcua 20

<210> 5209
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5209
cuauaauccc agugcuaggg 20

<210> 5210
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5210
acauuugccu cccuagcacu 20

<210> 5211
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5211
gacauuugcc ucccuagcac 20

<210> 5212
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5212
gugcuaggga ggcaaauguc 20

<210> 5213
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5213
ggcaaauguc uggaccuugu 20

<210> 5214
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5214
aaugucugga ccuugucggu 20

<210> 5215
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5215
gacugacugg ccgaccgaca 20

<210> 5216
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5216
ugacuggcug gcugacugac 20

<210> 5217
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5217
gcuaggcuag acugacuggc 20

<210> 5218
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5218
cuaugcuagg cuagacugac 20

<210> 5219
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5219
cuagccuagc auagccuacu 20

<210> 5220
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5220
cacaccuagu aggcuaugcu 20

<210> 5221
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5221
ugggcuggag cacaccuagu 20

<210> 5222
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5222
gacaaggucu cucauugggc 20

<210> 5223
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5223
uagagacaag gucucucauu 20

<210> 5224
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5224
uuagagacaa ggucucucau 20

<210> 5225
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5225
agaccuuguc ucuaaaaaaa 20

<210> 5226
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5226
gaccuugucu cuaaaaaaaa 20

<210> 5227
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5227
uacccuuuuu uuuagagaca 20

<210> 5228
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5228
gguagaaaga aaagacaaaa 20

<210> 5229
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5229
gacaaaaugg augucuccug 20

<210> 5230
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5230
cuccugagga augauaccca 20

<210> 5231
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5231
auccgugggu aucauuccuc 20

<210> 5232
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5232
ggacaauugu ggguauccgu 20

<210> 5233
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5233
aggacaauug uggguauccg 20

<210> 5234
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5234
ggauacccac aauuguccuc 20

<210> 5235
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5235
ggagaccaga ggacaauugu 20

<210> 5236
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5236
cggagaccag aggacaauug 20

<210> 5237
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5237
guauugcaca cggagaccag 20

<210> 5238
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5238
acauggguuu guauugcaca 20

<210> 5239
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5239
uguugcaaau auucagacau 20

<210> 5240
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5240
cuguugcaaa uauucagaca 20

<210> 5241
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5241

caugucugaa uauuugcaac 20

<210> 5242
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5242
augucugaau auuugcaaca 20

<210> 5243
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5243
agcacagcuu uacuagauga 20

<210> 5244
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5244
aagcacagcu uuacuagaug 20

<210> 5245
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5245
caucuaguaa agcugugcuu 20

<210> 5246
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5246
gaaaaauaag acagauggga 20

<210> 5247
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5247
agaaaaauaa gacagauggg 20

<210> 5248
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5248
aguagaaaaa uaagacagau 20

<210> 5249
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5249
caguagaaaa auaagacaga 20

<210> 5250
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5250
caucugucuu auuuuucuac 20

<210> 5251
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5251
auuuuucuac uggugugcua 20

<210> 5252
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5252
gugcuaaggc accaugacca 20

<210> 5253
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5253
ucucuaaguu gccuugguca 20

<210> 5254
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5254
ucuucuucuc uaaguugccu 20

<210> 5255
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5255
gaagaagaaa caguuuauug 20

<210> 5256
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5256
aagaagaaac aguuuauuga 20

<210> 5257
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5257
uugaggguuu auaguuauag 20

<210> 5258
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5258
ugaggguuua uaguuauaga 20

<210> 5259
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5259
guuuauaguu auagagggua 20

<210> 5260

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5260
uaguuauaga ggguaaggca 20

<210> 5261
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5261
uagaggguaa ggcaaggacu 20

<210> 5262
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5262
uaaggcaagg acuugguagc 20

<210> 5263
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5263
gcaaggacuu gguagcaggc 20

<210> 5264
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5264
ggacuuggua gcaggcaggc 20

<210> 5265
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5265
uugguagcag gcaggcaggc 20

<210> 5266
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5266
agcaggcagg caggcaggca 20

<210> 5267
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5267
caggcaggca ggcaugguac 20

<210> 5268
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5268
caugguacug guguaguagc 20

<210> 5269
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5269
augguacugg uguaguagcu 20

<210> 5270
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5270
ggagcuugua ucuugagaca 20

<210> 5271
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5271
aaagcugaga gauagcuaag 20

<210> 5272
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5272
aagcugagag auagcuaagu 20

<210> 5273
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5273
gagagauagc uaagugggcc 20

<210> 5274
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5274
agguuucaaa agcucacacc 20

<210> 5275
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5275
uuucacuggg gacagcuuug 20

<210> 5276
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5276
uugauggagg cauuucacug 20

<210> 5277
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5277
guugauggag gcauuucacu 20

<210> 5278
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5278
uguugaugga ggcauuucac 20

<210> 5279
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5279
gugaaaugcc uccaucaaca 20

<210> 5280
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5280
aggugguggcc uuguugaugg 20

<210> 5281
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5281
guuaggugug gccuuguuga 20

<210> 5282
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5282
uguuugggaa ggguuaggug 20

<210> 5283
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5283
agaacuguuu gggaaggguu 20

<210> 5284
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5284
uugguagaac uguuugggaa 20

<210> 5285
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5285
guugguagaa cuguuuggga 20

<210> 5286
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5286
ucccaaacag uucuaccaac 20

<210> 5287
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5287
cccaaacagu ucuaccaacu 20

<210> 5288
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5288
cccaguuggu agaacuguuu 20

<210> 5289
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5289
ucccaguugg uagaacuguu 20

<210> 5290
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5290
augaaugcuu gguucccagu 20

<210> 5291
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5291
cugaggcuca uaugaaugcu 20

<210> 5292
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5292
caagcauuca uaugagccuc 20

<210> 5293
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5293
aagcauucau augagccuca 20

<210> 5294
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5294
agcauucaua ugagccucag 20

<210> 5295
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5295
ugaaugagac ugcucccug 20

<210> 5296
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5296

guacucagua cacugcccca 20

<210> 5297
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5297
uacucaguac acugccccau 20

<210> 5298
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5298
uuagaggacu ucugcccaug 20

<210> 5299
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5299
uuuagaggac uucugcccau 20

<210> 5300
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5300
guuuagagga cuucugccca 20

<210> 5301
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5301
augggcagaa guccucuaaa 20

<210> 5302
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5302
acacauuagu aaccguuuag 20

<210> 5303
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5303
uaucccucac cauacuuaga 20

<210> 5304
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5304
uuuccuucua aguaugguga 20

<210> 5305
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5305
guuuccuucu aaguauggug 20

<210> 5306
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5306
ggcuuguuuc cuucuaagua 20

<210> 5307
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5307
ggaaacaagc caucccaaaa 20

<210> 5308
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5308
ucaugcuauc cauuuuggga 20

<210> 5309
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5309
ugagucaugc uauccauuuu 20

<210> 5310
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5310
cugagucaug cuauccauuu 20

<210> 5311
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5311
uugcucuggg ugaaguacac 20

<210> 5312
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5312
uacuucaccc agagcaaaug 20

<210> 5313
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5313
acccagagca aauguggaua 20

<210> 5314
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5314
accguaucca cauuugcucu 20

<210> 5315

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5315
caccguaucc acauuugcuc 20

<210> 5316
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5316
cagagcaaau guggauacgg 20

<210> 5317
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5317
agagcaaaug uggauacggu 20

<210> 5318
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5318
guggauacgg ugggaaacag 20

<210> 5319
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5319
gggaaacaga ggacagugau 20

<210> 5320
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5320
aggacaguga uaggacacaa 20

<210> 5321
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5321
gucucaguuu cuaguucaga 20

<210> 5322
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5322
agacauaaac caacacacau 20

<210> 5323
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5323
uguaucuuuc cuaugugugu 20

<210> 5324
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5324
auaggaaaga uacacuccac 20

<210> 5325
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5325
agauacacuc cacuggacag 20

<210> 5326
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5326
gauacacucc acuggacagu 20

<210> 5327
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5327
caugggcucc cacuguccag 20

<210> 5328
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5328
cagugggagc ccaugcacaa 20

<210> 5329
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5329
gcccaugcac aaagguucuu 20

<210> 5330
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5330
gccaaagaac cuuugugcau 20

<210> 5331
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5331
agccaaagaa ccuuugugca 20

<210> 5332
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5332
ugacagcagu uucuuauuau 20

<210> 5333
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5333
gacagcaguu ucuuauuauu 20

<210> 5334
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5334
gaugagcuuu guuucugccc 20

<210> 5335
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5335
augagcuuug uuucugcccu 20

<210> 5336
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5336
cccuggguga gaguuuauuu 20

<210> 5337
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5337
ccuaaauaaa cucucaccca 20

<210> 5338
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5338
uccuaaauaa acucucaccc 20

<210> 5339
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5339
cacacuaaga caaccacuga 20

<210> 5340
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5340
acuuuguucu aggccaucag 20

<210> 5341
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5341
cagugcucug acuuuguucu 20

<210> 5342
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5342
agucagagca cugugcguug 20

<210> 5343
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5343
cacugugcgu uguggaucuu 20

<210> 5344
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5344
gaugcuuuaa ucaucaugaa 20

<210> 5345
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5345
acuaacacau uuuaauagga 20

<210> 5346
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5346
auggacuaac acauuuuaau 20

<210> 5347
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5347
aaaauguguu aguccauuuu 20

<210> 5348
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5348
aaauguguua guccauuuuu 20

<210> 5349
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5349
aauguguuag uccauuuuug 20

<210> 5350
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5350
aguaaacaua accccaaaaa 20

<210> 5351
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5351

ggguuauguu uacuauacaa 20

<210> 5352
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5352
uuauguuuac uauacaaagg 20

<210> 5353
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5353
guuuacuaua caaaggugga 20

<210> 5354
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5354
uuuacuauac aaagguggaa 20

<210> 5355
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5355
uuacuauaca aagguggaag 20

<210> 5356
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5356
caaaggugga agggguuauc 20

<210> 5357
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5357
guuaucuggc cccaucuuac 20

<210> 5358
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5358
acacaguuac cuguaagaug 20

<210> 5359
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5359
gacacaguua ccuguaagau 20

<210> 5360
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5360
ggacacaguu accuguaaga 20

<210> 5361
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5361
agguaacugu gucccuuuug 20

<210> 5362
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5362
ugguuuuuau auccacaaaa 20

<210> 5363
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5363
augguuuuua uauccacaaa 20

<210> 5364
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5364
aauaaaauug caguaucuga 20

<210> 5365
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5365
uauuuuugau uaugugucug 20

<210> 5366
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5366
auuuuugauu augugucuga 20

<210> 5367
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5367
caguaugcac aucugcaugc 20

<210> 5368
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5368
caucugcaug caggugccug 20

<210> 5369
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5369
caggugccug uggaagccug 20

<210> 5370

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5370
augucuccac aggcuuccac 20

<210> 5371
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5371
aggugaucug augucuccac 20

<210> 5372
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5372
gacaucagau caccugaagc 20

<210> 5373
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5373
ucaccugaag cuggaguuuc 20

<210> 5374
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5374
cugccugaaa cuccagcuuc 20

<210> 5375
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5375
aguuuuaugc caccagacac 20

<210> 5376
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5376
uucucagcac cagugucugg 20

<210> 5377
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5377
cuauucucag caccaguguc 20

<210> 5378
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5378
auaaaauaua cugcuuuugc 20

<210> 5379
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5379
guugcuuuug gcuggagaga 20

<210> 5380
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5380
uuuuaaaggu ugcuuuuggc 20

<210> 5381
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5381
cagcuuuuaa agguugcuuu 20

<210> 5382
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5382
aaagcaaccu uuaaaagcug 20

<210> 5383
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5383
acauaaacca cagcuuuuaa 20

<210> 5384
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5384
cucuaagugg augaauuaaa 20

<210> 5385
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5385
cauuuaauuc auccacuuag 20

<210> 5386
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5386
auuuaauuca uccacuuaga 20

<210> 5387
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5387
auugaagugu acccucuaag 20

<210> 5388
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5388
aaaauaugcu uacagaucug 20

<210> 5389
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5389
aaauaugcuu acagaucugu 20

<210> 5390
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5390
ugcuaaaagg guucuaaaau 20

<210> 5391
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5391
uaauaucugu agugcuaaaa 20

<210> 5392
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5392
uuaauaucug uagugcuaaa 20

<210> 5393
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5393
gcuggggcu ggggagaaua 20

<210> 5394
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5394
agcuggggc uggggagaau 20

<210> 5395
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5395
gggacuggag cuggggcug 20

<210> 5396
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5396
agggacugga gcuggggcu 20

<210> 5397
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5397
cagggacugg agcuggggggc 20

<210> 5398
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5398
cagcccccag cuccaguccc 20

<210> 5399
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5399
augccaggga cuggagcugg 20

<210> 5400
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5400
gaugccaggg acuggagcug 20

<210> 5401
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5401
ggaugccagg gacuggagcu 20

<210> 5402
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5402
uggaugccag ggacuggagc 20

<210> 5403
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5403
gauuugugga ugccagggac 20

<210> 5404
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5404
aaggggauuu guggaugcca 20

<210> 5405
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5405
gaaggggauu uguggaugcc 20

<210> 5406
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5406

gauggcagga aggggauuug 20

<210> 5407
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5407
aaucuauaga uggcaggaag 20

<210> 5408
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5408
gaaucuauag auggcaggaa 20

<210> 5409
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5409
ugaaucuaua gauggcagga 20

<210> 5410
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5410
gaggugaauc uauagauggc 20

<210> 5411
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5411
agaagaggug aaucuauaga 20

<210> 5412
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5412
uucaguguaa agucuagaag 20

<210> 5413
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5413
uucuagacuu uacacugaaa 20

<210> 5414
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5414
aaaugguauu acacaacaug 20

<210> 5415
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5415
uugcuugccg ugugucugug 20

<210> 5416
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5416
agaugaaccu cacagacaca 20

<210> 5417
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5417
ucaucugugu ugagcaugaa 20

<210> 5418
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5418
uaggcgacag gcauauucau 20

<210> 5419
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5419
uuaggcgaca ggcauauuca 20

<210> 5420
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5420
guguugcuau uuuaggcgac 20

<210> 5421
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5421
ugugaaagug uugcuauuuu 20

<210> 5422
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5422
ccuucuuucu ucuucccaag 20

<210> 5423
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5423
ccucuuggga agaagaaaga 20

<210> 5424
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5424
cuucuuucuu cuucccaaga 20

<210> 5425

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5425
gcugcaauaa ugucccucuu 20

<210> 5426
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5426
ggcugcaaua augucccucu 20

<210> 5427
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5427
agacacagga gaaaacuagc 20

<210> 5428
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5428
agaaacacga aaaaagacac 20

<210> 5429
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5429
cguguuucuc aaguagauga 20

<210> 5430
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5430
guguuucuca aguagaugaa 20

<210> 5431
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5431
ucucaaguag augaagggac 20

<210> 5432
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5432
uuaggaaacu gacaaagcag 20

<210> 5433
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5433
uuuaggaaac ugacaaagca 20

<210> 5434
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5434
auuuaggaaa cugacaaagc 20

<210> 5435
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5435
aauacaguau ucacucauuu 20

<210> 5436
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5436
aaaugaguga auacuguauu 20

<210> 5437
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5437
uauuuugguc uuucugauug 20

<210> 5438
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5438
uuauuuuggu cuuucugauu 20

<210> 5439
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5439
auuauuuugg ucuuucugau 20

<210> 5440
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5440
gagauuauuu uaaauuauuu 20

<210> 5441
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5441
aucucgucuc uauaucacua 20

<210> 5442
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5442
cuaagguauc cuuuuccacu 20

<210> 5443
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5443
uaagguaucc uuuuccacuu 20

<210> 5444
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5444
cugcauggcc caaguggaaa 20

<210> 5445
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5445
auuucucugc auggcccaag 20

<210> 5446
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5446
ggcaugcuua uuucucugca 20

<210> 5447
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5447
gggugggggug gggucaauca 20

<210> 5448
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5448
cuggggguug ggguggggug 20

<210> 5449
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5449
acuggggguu gggguggggu 20

<210> 5450
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5450
cacuggggu ugggguggg 20

<210> 5451
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5451
caccccaccc caacccccag 20

<210> 5452
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5452
caccacuggg gguuggggug 20

<210> 5453
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5453
ucaccacugg ggguuggggu 20

<210> 5454
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5454
gucaccacug gggguuuggg 20

<210> 5455
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5455
cuugucacca cuggggguug 20

<210> 5456
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5456
cccaaccccc aguggugaca 20

<210> 5457
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5457
ccuugucacc acuggggguu 20

<210> 5458
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5458
uccuugucac cacugggggu 20

<210> 5459
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5459
gagguccuug ucaccacugg 20

<210> 5460
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5460
ggagguccuu gucaccacug 20

<210> 5461
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5461

gggagguccu ugucaccacu 20

<210> 5462
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5462
ggggaggucc uugucaccac 20

<210> 5463
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5463
ggugacaagg accucccccag 20

<210> 5464
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5464
aaaugguuga gccgcugggg 20

<210> 5465
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5465
uucaaauggu ugagccgcug 20

<210> 5466
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5466
auucaaaugg uugagccgcu 20

<210> 5467
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5467
uauucaaaug guugagccgc 20

<210> 5468
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5468
gcucaaccau uugaauaaaa 20

<210> 5469
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5469
aaguguccuu uuuauucaaa 20

<210> 5470
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5470
aucuuagauu ugugcaaaau 20

<210> 5471
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5471
caucuuagau uugugcaaaa 20

<210> 5472
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5472
acaaaucuaa gaugagcaag 20

<210> 5473
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5473
gucaccugua aacaugugcc 20

<210> 5474
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5474
ugcuccaggc acauguuuac 20

<210> 5475
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5475
guaaacaugu gccuggagca 20

<210> 5476
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5476
cucaggucgu uccgugcucc 20

<210> 5477
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5477
gagcacggaa cgaccugagu 20

<210> 5478
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5478
cgaccugagu aggcagaaaa 20

<210> 5479
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5479
ccugaguagg cagaaaaagg 20

<210> 5480

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5480
ccaccuuuuu cugccuacuc 20

<210> 5481
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5481
auuuaugauu uuucuuuuaa 20

<210> 5482
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5482
agugagaaag gugggggaaa 20

<210> 5483
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5483
uuggaaagug agaaaggugg 20

<210> 5484
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5484
guuggaaagu gagaaaggug 20

<210> 5485
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5485
uguuggaaag ugagaaaggu 20

<210> 5486
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5486
uuguuggaaa gugagaaagg 20

<210> 5487
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5487
auauuguugg aaagugagaa 20

<210> 5488
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5488
uuuccaacaa uauuauauuc 20

<210> 5489
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5489
acaccagaau auaauauugu 20

<210> 5490
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5490
cuuuuauucc ccaguuguuu 20

<210> 5491
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5491
uuuaaucacc aaaacaacug 20

<210> 5492
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5492
auuuaaucac caaaacaacu 20

<210> 5493
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5493
gauuuaauca ccaaaacaac 20

<210> 5494
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5494
uuuuggugau uaaaucauuu 20

<210> 5495
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5495
uuuggugauu aaaucauuuu 20

<210> 5496
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5496
uuggugauua aaucauuuug 20

<210> 5497
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5497
uggugauuaa aucauuuugg 20

<210> 5498
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5498
acucucauuc acugcucccu 20

<210> 5499
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5499
aaaaaaaaca cugucaccaa 20

<210> 5500
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5500
gaaaaaaaac acugucacca 20

<210> 5501
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5501
gcagagacag agggaacagc 20

<210> 5502
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5502
ugaaaaugag cagagacaga 20

<210> 5503
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5503
augaaaauga gcagagacag 20

<210> 5504
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5504
cugucucugc ucauuuucau 20

<210> 5505
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5505
ugcucauuuu cauaggaauc 20

<210> 5506
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5506
aucuggcacc uuagaauccc 20

<210> 5507
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5507
gcaggcagcc ugggauucua 20

<210> 5508
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5508
cauuugacug caggcagccu 20

<210> 5509
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5509
gcauuugacu gcaggcagcc 20

<210> 5510
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5510
ccugcaguca aaugcuugcu 20

<210> 5511
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5511
ccuagcaagc auuugacugc 20

<210> 5512
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5512
cugcagucaa augcuugcua 20

<210> 5513
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5513
cagucaaaug cuugcuaggg 20

<210> 5514
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5514
agucaaaugc uugcuaggga 20

<210> 5515
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5515
gucaaaugcu ugcuagggag 20

<210> 5516
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5516

uugcuaggga ggggagccag 20

<210> 5517
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5517
ugcuagggag gggagccagu 20

<210> 5518
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5518
uagggagggg agccaguggg 20

<210> 5519
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5519
agggagggga gccagugggu 20

<210> 5520
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5520
gggaggggag ccagugggug 20

<210> 5521
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5521
ggaggggagc cagugggugg 20

<210> 5522
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5522
uugcagguuc ccccacccac 20

<210> 5523
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5523
auuuggaguu gauuucuugc 20

<210> 5524
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5524
aaaucaacuc caaauuuaau 20

<210> 5525
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5525
gagcuuaguc cuauuaaauu 20

<210> 5526
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5526
cugcuaauca ggcauggugu 20

<210> 5527
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5527
accaugccug auuagcagcu 20

<210> 5528
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5528
accuagcugc uaaucaggca 20

<210> 5529
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5529
augagaccua gcugcuaauc 20

<210> 5530
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5530
ggucucaucc uuaccccucc 20

<210> 5531
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5531
uccuuacccc uccaggaaua 20

<210> 5532
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5532
uccuuauucc uggaggggua 20

<210> 5533
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5533
uaccccucca ggaauaagga 20

<210> 5534
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5534
aaccuuccuu auuccuggag 20

<210> 5535

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5535
caaccuuccu uauuccugga 20

<210> 5536
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5536
gcaaccuucc uuauuccugg 20

<210> 5537
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5537
ucugcaaccu uccuuauucc 20

<210> 5538
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5538
agguugcaga agucccugaa 20

<210> 5539
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5539
ggcucagcaa auaccuuuca 20

<210> 5540
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5540
aggcucagca aauaccuuuc 20

<210> 5541
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5541
gcugagccuc uugugaaccg 20

<210> 5542
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5542
cugagccucu ugugaaccgu 20

<210> 5543
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5543
gccucuugug aaccgugggu 20

<210> 5544
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5544
gccaacccac gguucacaag 20

<210> 5545
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5545
aguucaggug agccaaccca 20

<210> 5546
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5546
aagaauaucu acuaaaguuc 20

<210> 5547
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5547
auauucuuua gcgacauauu 20

<210> 5548
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5548
uauucuuuag cgacauauuu 20

<210> 5549
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5549
uuagcgacau auuugggcuu 20

<210> 5550
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5550
uguggagaga uaaaagagag 20

<210> 5551
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5551
uuaucucucc acaaaagucu 20

<210> 5552
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5552
ucaguuugcc aagacuuuug 20

<210> 5553
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5553
ugauguuuau gcaaccagua 20

<210> 5554
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5554
uaugcaacca guaaggccuc 20

<210> 5555
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5555
augcaaccag uaaggccucu 20

<210> 5556
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5556
ugcaaccagu aaggccucug 20

<210> 5557
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5557
cucagcccca gaggccuuac 20

<210> 5558
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5558
caguaaggcc ucuggggcug 20

<210> 5559
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5559
aguaaggccu cuggggcuga 20

<210> 5560
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5560
guaaggccuc uggggcugag 20

<210> 5561
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5561
uaaggccucu ggggcugagg 20

<210> 5562
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5562
ggccucuggg gcugaggggg 20

<210> 5563
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5563
gccucugggg cugaggggu 20

<210> 5564
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5564
ucccaccccc ucagccccag 20

<210> 5565
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5565
cugagggggu gggaagccag 20

<210> 5566
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5566
ugagggggug ggaagccagu 20

<210> 5567
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5567
ggggguggga agccaguggg 20

<210> 5568
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5568
ggugggaagc cagugggugg 20

<210> 5569
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5569
uugcagguuc cgccacccac 20

<210> 5570
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5570
auuuggggcg gauuucuugc 20

<210> 5571
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5571

agaaauccgc cccaaauuua 20

<210> 5572
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5572
augcuuccuu aaauuugggg 20

<210> 5573
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5573
ccccaaauuu aaggaagcau 20

<210> 5574
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5574
ccuaugcuuc cuuaaauuug 20

<210> 5575
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5575
uccuaugcuu ccuuaaauuu 20

<210> 5576
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5576
uuccuaugcu uccuuaaauu 20

<210> 5577
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5577
ccuacccuau gucugccuug 20

<210> 5578
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5578
ccacaaggca gacauagggu 20

<210> 5579
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5579
cuagccacaa ggcagacaua 20

<210> 5580
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5580
ccuaugucug ccuuguggcu 20

<210> 5581
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5581
ccuagccaca aggcagacau 20

<210> 5582
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5582
gaacuaagga ccuagccaca 20

<210> 5583
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5583
uccuuaguuc auugucucuu 20

<210> 5584
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5584
accuaagaga caaugaacua 20

<210> 5585
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5585
uucuacucuc aagagaaucu 20

<210> 5586
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5586
cuucuacucu caagagaauc 20

<210> 5587
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5587
cagauucucu ugagaguaga 20

<210> 5588
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5588
auucucuuga gaguagaagg 20

<210> 5589
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5589
ucucggauuu guuaaucagg 20

<210> 5590

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5590
uccugauuaa caaauccgag 20

<210> 5591
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5591
accucucgga uuuguuaauc 20

<210> 5592
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5592
uucaugagau uagcaccucu 20

<210> 5593
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5593
gcuaaucuca ugaauucucc 20

<210> 5594
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5594
ucaugaauuc ucccggacua 20

<210> 5595
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5595
gcuauauaua accauagucc 20

<210> 5596
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5596
agcuauauau aaccauaguc 20

<210> 5597
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5597
ucagugaucu cauguagcuu 20

<210> 5598
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5598
ugaucucaug uagcuuaggc 20

<210> 5599
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5599
cucauguagc uuaggcuggc 20

<210> 5600
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5600
uugagcucac uaugaagcaa 20

<210> 5601
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5601
aaggaugacc cugaacuucu 20

<210> 5602
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5602
caggaaaacc aagaaguuca 20

<210> 5603
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5603
gcaggaaaac caagaaguuc 20

<210> 5604
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5604
agcacuugga agaugaaagc 20

<210> 5605
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5605
auucuuguaa ucgcagcacu 20

<210> 5606
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5606
gcugccaugu cuaguucaug 20

<210> 5607
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5607
agcaccacau gaacuagaca 20

<210> 5608
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5608
ugucuaguuc auguggugcu 20

<210> 5609
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5609
gucuaguuca uguggugcua 20

<210> 5610
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5610
ggugcuaggg aucaacccug 20

<210> 5611
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5611
uuaacaugca caaagccuca 20

<210> 5612
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5612
cuuaacaugc acaaagccuc 20

<210> 5613
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5613
auucuuuuga gucaggguca 20

<210> 5614
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5614
uauucuuuug agucaggguc 20

<210> 5615
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5615
ugacccugac ucaaaagaau 20

<210> 5616
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5616
gacccugacu caaaagaaua 20

<210> 5617
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5617
acccugacuc aaaagaauag 20

<210> 5618
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5618
cccugacuca aaagaauagg 20

<210> 5619
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5619
cccccuauuc uuuugaguca 20

<210> 5620
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5620
ccugacucaa aagaauaggg 20

<210> 5621
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5621
ccccccuauu cuuuugaguc 20

<210> 5622
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5622
cugacucaaa agaauagggg 20

<210> 5623
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5623
acucaaaaga auaggggggg 20

<210> 5624
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5624
aaaagaauag gggggagga 20

<210> 5625
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5625
gaauaggggg ggaggaagga 20

<210> 5626
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5626

aggggggag gaaggaagga 20

<210> 5627
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5627
ggggaggaag gaaggaagga 20

<210> 5628
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5628
aggaaggaag gaaggaagga 20

<210> 5629
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5629
aggaaggaag gaaggaagga 20

<210> 5630
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5630
ggaaggaagg aaggaaggaa 20

<210> 5631
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5631
aggaaggaag gaaggaaggg 20

<210> 5632
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5632
ggaaggaagg aaggaaggga 20

<210> 5633
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5633
aggaaggaag gaagggaggg 20

<210> 5634
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5634
ggaaggaagg aagggaggga 20

<210> 5635
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5635
aggaaggaag ggagggaggg 20

<210> 5636
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5636
ggaaggaagg gagggaggga 20

<210> 5637
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5637
aggaagggag ggagggaggg 20

<210> 5638
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5638
ggaagggagg gagggaggga 20

<210> 5639
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5639
agggagggag ggagggaggg 20

<210> 5640
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5640
gggagggagg gagggaggga 20

<210> 5641
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5641
agggagggag ggagggaggg 20

<210> 5642
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5642
gggagggagg gagggaggga 20

<210> 5643
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5643
agggagggag ggagggaggg 20

<210> 5644
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5644
gggagggagg gagggaggga 20

<210> 5645

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5645
agggagggag ggagggaggg 20

<210> 5646
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5646
gggagggagg gagggaggga 20

<210> 5647
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5647
agggagggag ggagggaggg 20

<210> 5648
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5648
gggagggagg gagggaggga 20

<210> 5649
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5649
agggagggag ggagggaggg 20

<210> 5650
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5650
agggagggag ggagggagga 20

<210> 5651
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5651
gauguugaga acaaaagcca 20

<210> 5652
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5652
gaacaaaagc caaggccaac 20

<210> 5653
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5653
gccaaggcca acaggugagu 20

<210> 5654
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5654
ccaaggccaa caggugaguu 20

<210> 5655
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5655
cccaacucac cuguuggccu 20

<210> 5656
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5656
ccaacaggug aguugggauu 20

<210> 5657
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5657
ccuaauccca acucaccugu 20

<210> 5658
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5658
aaaaguccuu uucauagcaa 20

<210> 5659
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5659
aaaguccuuu ucauagcaaa 20

<210> 5660
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5660
aaguccuuuu cauagcaaag 20

<210> 5661
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5661
acaucccuu ugcuaugaaa 20

<210> 5662
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5662
uuuucauagc aaaggggaug 20

<210> 5663
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5663
guggaagaag agaaguugac 20

<210> 5664
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5664
agagaaguug acagguaagu 20

<210> 5665
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5665
gagaaguuga cagguaagua 20

<210> 5666
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5666
agaaaaaaga aaaaaaucug 20

<210> 5667
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5667
aagaaaaaaa ucuguggacc 20

<210> 5668
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5668
agaaaaaaau cuguggacca 20

<210> 5669
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5669
aaaaucugug gaccagggca 20

<210> 5670
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5670
cugcguuucu ugccaugccc 20

<210> 5671
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5671
gagcaaaugu ucauaaagag 20

<210> 5672
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5672
caaauguuca uaaagagagg 20

<210> 5673
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5673
aaauguucau aaagagaggu 20

<210> 5674
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5674
guucauaaag agaggugggc 20

<210> 5675
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5675
cauaaagaga ggugggcagg 20

<210> 5676
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5676
ggugggcagg aggcagacca 20

<210> 5677
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5677
ucugaugagu cuugagacca 20

<210> 5678
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5678
caagacucau cagagagaua 20

<210> 5679
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5679
agagauaagg caauauccug 20

<210> 5680
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5680
uccugaggag cacccaucug 20

<210> 5681
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5681

ccugaggagc acccaucuga 20

<210> 5682
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5682
cccucagaug ggugcuccuc 20

<210> 5683
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5683
cugaggagca cccaucugag 20

<210> 5684
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5684
uugcucaacg ccccucagau 20

<210> 5685
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5685
cuugcucaac gccccucaga 20

<210> 5686
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5686
ucugaggggc guugagcaag 20

<210> 5687
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5687
cugaggggcg uugagcaagu 20

<210> 5688
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5688
cauuucucug cauucacaga 20

<210> 5689
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5689
uucucugcau ucacagaugg 20

<210> 5690
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5690
ugcaacuauc uuuagcagug 20

<210> 5691
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5691
ucuuuagcag ugaggcaugc 20

<210> 5692
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5692
cuuuagcagu gaggcaugcu 20

<210> 5693
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5693
augcugggua gugcuaagag 20

<210> 5694
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5694
ugcuggguag ugcuaagagc 20

<210> 5695
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5695
uggguagugc uaagagcggg 20

<210> 5696
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5696
ggguagugcu aagagcgggc 20

<210> 5697
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5697
gguagugcua agagcgggcg 20

<210> 5698
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5698
cuaagagcgg gcggggucug 20

<210> 5699
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5699
agcgggcggg gucuguggaa 20

<210> 5700

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5700
gcggggucug uggaauggag 20

<210> 5701
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5701
aaugacgugg uaauaaggag 20

<210> 5702
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5702
aguaaaauga cgugguaaua 20

<210> 5703
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5703
uaaucaaaag uaaaaugacg 20

<210> 5704
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5704
cuauguaucu ugccucuuga 20

<210> 5705
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5705
guacuugugu gaccgucaag 20

<210> 5706
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5706
aguacuucca guugaagagu 20

<210> 5707
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5707
uguaaugccu acucuucaac 20

<210> 5708
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5708
guugaagagu aggcauuaca 20

<210> 5709
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5709
ucugcuucca ugaauauucu 20

<210> 5710
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5710
cugcuuccau gaauauucua 20

<210> 5711
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5711
aaugugcccu agaauauuca 20

<210> 5712
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5712
cuagggcaca uuuuuauucc 20

<210> 5713
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5713
ugcuuucaua uauuuuuucc 20

<210> 5714
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5714
aaagcauuuc uaauuaugaa 20

<210> 5715
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5715
uuucuaauua ugaauggaau 20

<210> 5716
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5716
cuaauuauga auggaauugg 20

<210> 5717
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5717
ugaauggaau uggugguuua 20

<210> 5718
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5718
gaauggaauu ggugguuuau 20

<210> 5719
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5719
aauggaauug gugguuuaug 20

<210> 5720
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5720
ggaacacaua ugcucagccu 20

<210> 5721
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5721
gguuuuggua auuuauucca 20

<210> 5722
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5722
auaaauuacc aaaaccaaag 20

<210> 5723
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5723
gagucuagcc ucuuugguuu 20

<210> 5724
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5724
agaagggagu cuagccucuu 20

<210> 5725
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5725
gcuucuguug aucgguagaa 20

<210> 5726
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5726
ugcuucuguu gaucgguaga 20

<210> 5727
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5727
ucuuauaugc uucuguugau 20

<210> 5728
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5728
caacagaagc auauaagagu 20

<210> 5729
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5729
uucucuacuc uaccaacuug 20

<210> 5730
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5730
cuacucuacc aacuuguggu 20

<210> 5731
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5731
uacucuacca acuugugguu 20

<210> 5732
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5732
aacaggaccc aaccacaagu 20

<210> 5733
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5733
guccuguuua gaauaauaag 20

<210> 5734
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5734
ugccucuuau uauucuaaac 20

<210> 5735
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5735
gcaucuacau guagagcucu 20

<210> 5736
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5736

ucuaggaagc cauucaaugc 20

<210> 5737
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5737
gguuuagauc cugcauugaa 20

<210> 5738
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5738
ucaaugcagg aucuaaaccu 20

<210> 5739
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5739
cacagacauu gcuaaagcca 20

<210> 5740
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5740
uggcuuuagc aaugucugug 20

<210> 5741
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5741
agcaaugucu gugcgguacu 20

<210> 5742
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5742
caaagaaaac caagauuuau 20

<210> 5743
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5743
aaaaccaaga uuuaucggaa 20

<210> 5744
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5744
accaagauuu aucggaaugg 20

<210> 5745
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5745
uccaccauuc cgauaaaucu 20

<210> 5746
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5746
gguggacacu gaaaguagac 20

<210> 5747
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5747
acacugaaag uagacaggaa 20

<210> 5748
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5748
ccuagugugc agugugcaga 20

<210> 5749
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5749
ccaucugcac acugcacacu 20

<210> 5750
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5750
gugugcagug ugcagaugga 20

<210> 5751
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5751
ugugcagugu gcagauggaa 20

<210> 5752
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5752
ugcagaugga agggcagugc 20

<210> 5753
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5753
gcagauggaa gggcagugcu 20

<210> 5754
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5754
cagauggaag ggcagugcug 20

<210> 5755

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5755
uggggagaau ccauugcauu 20

<210> 5756
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5756
cuucuucuuu ccaaaugcaa 20

<210> 5757
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5757
uuagcaaaag aaaucgcaga 20

<210> 5758
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5758
auuagcaaaa gaaaucgcag 20

<210> 5759
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5759
gcgauuucuu uugcuaaugc 20

<210> 5760
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5760
aagcaaguac uacagugaaa 20

<210> 5761
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5761
uucacuguag uacuugcuug 20

<210> 5762
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5762
acuguaguac uugcuugugg 20

<210> 5763
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5763
ugugggugguu ugaaugaaaa 20

<210> 5764
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5764
ugaaugaaaa uggucccac 20

<210> 5765
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5765
guuuucaaaa auagccugug 20

<210> 5766
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5766
aguuuucaaa aauagccugu 20

<210> 5767
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5767
aaguuuucaa aaauagccug 20

<210> 5768
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5768
uugaaaacuu gaucccagu 20

<210> 5769
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5769
ccccaguugg ugaaacuguu 20

<210> 5770
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5770
ccaaacaguu ucaccaacug 20

<210> 5771
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5771
uccaaacagu uucaccaacu 20

<210> 5772
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5772
uuccaaacag uuucaccaac 20

<210> 5773
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5773
guuggugaaa cuguuuggaa 20

<210> 5774
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5774
gaaacuguuu ggaaaggauu 20

<210> 5775
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5775
uuggaaagga uuaggaagug 20

<210> 5776
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5776
auuaggaagu guggccuugc 20

<210> 5777
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5777
aaguguggcc uugcuggaug 20

<210> 5778
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5778
uugacagacc ucauccagca 20

<210> 5779
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5779
ugcuggauga ggucugucaa 20

<210> 5780
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5780
uggaugaggu cugucaaugg 20

<210> 5781
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5781
ugaggucugu caauggcgga 20

<210> 5782
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5782
gagacagaga gaggcacacu 20

<210> 5783
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5783
ggagacagag agaggcacac 20

<210> 5784
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5784
aauaaguagg agacagagag 20

<210> 5785
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5785
ucauuuuuca aucaauaagu 20

<210> 5786
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5786
aauucuggau ggcagagcaa 20

<210> 5787
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5787
ugggugauua gaauucugga 20

<210> 5788
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5788
guuuugggug auuagaauuc 20

<210> 5789
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5789
uaauuaggcu auaugguuuu 20

<210> 5790
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5790
uuaauuaggc uauaugguuu 20

<210> 5791
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5791

caguauuuaa uuaggcuaua 20

<210> 5792
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5792
uauaaaaaca guauuuaauu 20

<210> 5793
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5793
acuguuuuua uaaguuaccu 20

<210> 5794
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5794
uuuauaaguu accuugguca 20

<210> 5795
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5795
uaccuugguc augguacuuu 20

<210> 5796
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5796
auccuaaagu accaugacca 20

<210> 5797
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5797
uaguuaagaa acuaagacau 20

<210> 5798
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5798
cuuaaccaaa acaccacaga 20

<210> 5799
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5799
uuaaccaaaa caccacagac 20

<210> 5800
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5800
caagcccguc ugugguguuu 20

<210> 5801
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5801
gucauaugca agcccgucug 20

<210> 5802
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5802
gcauaugaca acaguucuag 20

<210> 5803
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5803
cccugaucaa augcccuagc 20

<210> 5804
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5804
ccugcuaggg cauuugauca 20

<210> 5805
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5805
accugcuagg gcauuugauc 20

<210> 5806
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5806
aucagacaca gaaccugcua 20

<210> 5807
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5807
caucagacac agaaccugcu 20

<210> 5808
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5808
agcagguucu gugucugaug 20

<210> 5809
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5809
gcagguucug ugucugauga 20

<210> 5810

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5810
cugugucuga ugagggcugc 20

<210> 5811
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5811
ugaugagggc ugcugguuca 20

<210> 5812
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5812
gaugagggcu gcugguucau 20

<210> 5813
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5813
gagggcugcu gguucauggg 20

<210> 5814
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5814
cuuuuucuca guguccuuac 20

<210> 5815
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5815
uuucucagug uccuuacagg 20

<210> 5816
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5816
ucaguguccu uacaggugga 20

<210> 5817
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5817
cuggauaccu uccaccugua 20

<210> 5818
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5818
uggaagguau ccagcuuucu 20

<210> 5819
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5819
aauauaaggu ccaagaaagc 20

<210> 5820
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5820
ggaaugcgug cuuuaauaua 20

<210> 5821
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5821
aagcuaucua cucacaucaa 20

<210> 5822
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5822
gaggugcuua aaucacuuug 20

<210> 5823
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5823
ggaggugcuu aaaucacuuu 20

<210> 5824
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5824
uggaggugcu uaaaucacuu 20

<210> 5825
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5825
ccuccaaaac ccuccgucuc 20

<210> 5826
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5826
ccggagacgg aggguuuugg 20

<210> 5827
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5827
cauccggaga cggaggguuu 20

<210> 5828
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5828
ggggagcauc cggagacgga 20

<210> 5829
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5829
gggggagcau ccggagacgg 20

<210> 5830
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5830
aaugggggag cauccggaga 20

<210> 5831
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5831
gucuccggau gcucccccau 20

<210> 5832
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5832
uucaccaaug ggggagcauc 20

<210> 5833
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5833
ugaaaucugu ucaccaaugg 20

<210> 5834
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5834
uugaaaucug uucaccaaug 20

<210> 5835
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5835
guugaaaucu guucaccaau 20

<210> 5836
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5836
uguugaaauc uguucaccaa 20

<210> 5837
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5837
uuucaacaua gcaauugagc 20

<210> 5838
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5838
caacauagca auugagcagg 20

<210> 5839
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5839
uagcaauuga gcaggaggaa 20

<210> 5840
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5840
cuggcuguga ucaaauaauu 20

<210> 5841
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5841
uuugaucaca gccaguacuu 20

<210> 5842
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5842
uuggguguuc accaaaguac 20

<210> 5843
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5843
gugaacaccc aaacccagca 20

<210> 5844
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5844
uucagcucca ugcuggguuu 20

<210> 5845
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5845
auucagcucc augcuggguu 20

<210> 5846
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5846

cagauauuca gcuccaugcu 20

<210> 5847
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5847
acagauauuc agcuccaugc 20

<210> 5848
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5848
cuguaaucuc aguauccagc 20

<210> 5849
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5849
uaaucucagu auccagcagg 20

<210> 5850
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5850
aguauccagc agguggauau 20

<210> 5851
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5851
guauccagca gguggauauu 20

<210> 5852
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5852
uauccagcag guggauauug 20

<210> 5853
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5853
auuccccaau auccaccugc 20

<210> 5854
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5854
auuggggaau uaagacuuca 20

<210> 5855
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5855
uaagacuuca aggccagacu 20

<210> 5856
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5856
acuuacuaug uagccaaguc 20

<210> 5857
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5857
uaguaaguuu gaugccaucc 20

<210> 5858
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5858
aguaaguuug augccauccu 20

<210> 5859
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5859
ggaucucaua uagcccagga 20

<210> 5860
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5860
aacaggaucu cauauagccc 20

<210> 5861
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5861
uauuuggggg uuuuggaaac 20

<210> 5862
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5862
uuguuucuau uuggggguuu 20

<210> 5863
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5863
uuuuuauugu uucuauuugg 20

<210> 5864
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5864
uuuuuuauug uuucuauuug 20

<210> 5865

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5865
uuuuuuuauu guuucuauuu 20

<210> 5866
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5866
auuuuuuuau uguuucuauu 20

<210> 5867
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5867
aaauagaaac aauaaaaaaa 20

<210> 5868
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5868
uaggguagca gugaacauga 20

<210> 5869
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5869
auguucacug cuacccuaga 20

<210> 5870
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5870
caagcaaaac ugaccuucua 20

<210> 5871
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5871
acaagcaaaa cugaccuucu 20

<210> 5872
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5872
uuguaacaga ugacuaacag 20

<210> 5873
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5873
agaugacuaa cagaggaaca 20

<210> 5874
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5874
cuaacagagg aacaaggucc 20

<210> 5875
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5875
agcauacugg uagcucuucc 20

<210> 5876
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5876
cagcauacug guagcucuuc 20

<210> 5877
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5877
cggaagagcu accaguaugc 20

<210> 5878
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5878
uucauuggca gccagcauac 20

<210> 5879
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5879
uaagacuuca gcagcuucau 20

<210> 5880
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5880
gcugaagucu uaguagauuu 20

<210> 5881
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5881
cuuaguagau uuaggagcua 20

<210> 5882
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5882
cuggggcugu gauggaaguc 20

<210> 5883
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5883
uggugguugcu ggggcuguga 20

<210> 5884
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5884
ucacagcccc agcaccacca 20

<210> 5885
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5885
cacagcccca gcaccaccau 20

<210> 5886
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5886
cagugcccau gguggugcug 20

<210> 5887
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5887
gcagugccca ugguggugcu 20

<210> 5888
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5888
ggcagugccc augguggugc 20

<210> 5889
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5889
cugcugggca gugcccaugg 20

<210> 5890
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5890
agacugcugg gcagugccca 20

<210> 5891
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5891
cuaaaagaag auagacugcu 20

<210> 5892
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5892
ccagcagucu aucuucuuuu 20

<210> 5893
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5893
ccuaaaagaa gauagacugc 20

<210> 5894
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5894
cuaucuucuu uuaggucuuc 20

<210> 5895
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5895
uuuaggucuu cagguguccc 20

<210> 5896
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5896
uuaggucuuc aggugucccu 20

<210> 5897
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5897
gugucccugg guagagaaca 20

<210> 5898
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5898
gaagccuugu ucucuaccca 20

<210> 5899
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5899
agaagccuug uucucuaccc 20

<210> 5900
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5900
aacaaggcuu cugcuugcau 20

<210> 5901
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5901

acaaggcuuc ugcuugcaua 20

<210> 5902
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5902
gugagacugu cacuguacug 20

<210> 5903
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5903
ugugagacug ucacuguacu 20

<210> 5904
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5904
uugugagacu gucacuguac 20

<210> 5905
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5905
ucacaaugag ugcagcaaug 20

<210> 5906
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5906
gcagcaaugu ggccacagaa 20

<210> 5907
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5907
cagcaaugug gccacagaac 20

<210> 5908
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5908
agcaaugugg ccacagaacg 20

<210> 5909
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5909
acacacauuu ccccguucug 20

<210> 5910
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5910
ucaagcugaa agcuuuucac 20

<210> 5911
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5911
ucucuugcua aaugacaaag 20

<210> 5912
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5912
cuaaaugaca aagugguuag 20

<210> 5913
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5913
aaugacaaag ugguuagagg 20

<210> 5914
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5914
augacaaagu gguuagagga 20

<210> 5915
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5915
guguagacaa ugaaagcugu 20

<210> 5916
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5916
agcuuucauu gucuacacuc 20

<210> 5917
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5917
ucuuuugaga auuuuacagu 20

<210> 5918
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5918
cuagucaaca cagaaauaaa 20

<210> 5919
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5919
uuuguuuugu ugaaaagaag 20

<210> 5920

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5920
uuguuuuguu gaaaagaagu 20

<210> 5921
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5921
uguuuuguug aaaagaagug 20

<210> 5922
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5922
guuuuguuga aaagaagugg 20

<210> 5923
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5923
uugaaaagaa guggggguuu 20

<210> 5924
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5924
uggggguuuu gguacugaug 20

<210> 5925
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5925
gggggguuuug guacugauga 20

<210> 5926
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5926
gggguuuugg uacugaugag 20

<210> 5927
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5927
uauguuacuu auucauucuc 20

<210> 5928
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5928
cuuauucauu cucagguuca 20

<210> 5929
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5929
uuaaucuauc auuugucaua 20

<210> 5930
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5930
uaauaaaagc augcaaaugc 20

<210> 5931
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5931
ugcaaaugcu ggagcucugc 20

<210> 5932
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5932
aaaugcugga gcucugcugg 20

<210> 5933
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5933
ggcggaguac cugauaugca 20

<210> 5934
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5934
gaucuucauc cuugcauauc 20

<210> 5935
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5935
gcuuuuuuau uugauuucug 20

<210> 5936
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5936
agcuuuuuua uuugauuucu 20

<210> 5937
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5937
cagcuuuuuu auuugauuuc 20

<210> 5938
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5938
cagaaaucaa auaaaaaagc 20

<210> 5939
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5939
agaaaucaaa uaaaaaagcu 20

<210> 5940
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5940
uaaaaaagcu gggcauagug 20

<210> 5941
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5941
agcugggcau agugaggaag 20

<210> 5942
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5942
gcauagugag gaagaggaga 20

<210> 5943
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5943
cauagugagg aagaggagau 20

<210> 5944
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5944
agugaggaag aggagauggg 20

<210> 5945
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5945
aggagauggg aggauuccug 20

<210> 5946
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5946
gaugggagga uuccuguggc 20

<210> 5947
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5947
ggaggauucc uguggcuggc 20

<210> 5948
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5948
uuagcugucc agccagccac 20

<210> 5949
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5949
uggaaauaga ugaauaggcu 20

<210> 5950
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5950
uagccuauuc aucuauuucc 20

<210> 5951
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5951
uggccuggaa auagaugaau 20

<210> 5952
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5952
caucuauuuc caggccacua 20

<210> 5953
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5953
aucuauuucc aggccacuaa 20

<210> 5954
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5954
auuuccaggc cacuaaggga 20

<210> 5955
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5955
gguaccaucc cuuaguggcc 20

<210> 5956
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5956

uuuaagguac caucccuuag 20

<210> 5957
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5957
auuauuauug uuauuuuuua 20

<210> 5958
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5958
acaauaauaa uaaauaaaaa 20

<210> 5959
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5959
uaauaaauaa aaaagguagc 20

<210> 5960
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5960
aaaaagguag cugguuccug 20

<210> 5961
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5961
ugguuccuga ggagcaucua 20

<210> 5962
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5962
gauauccuua gaugcuccuc 20

<210> 5963
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5963
guaugugcac guggaguuaa 20

<210> 5964
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5964
guauacagug uaugugcacg 20

<210> 5965
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5965
ugcacauaca cuguauacac 20

<210> 5966
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5966
uuuuuuuggu aaaacuugau 20

<210> 5967
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5967
uuuuuuuuuu uuuuuuuuuu 20

<210> 5968
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5968
aagaacacuu uauucacugu 20

<210> 5969
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5969
aacacuuuau ucacuguugg 20

<210> 5970
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5970
acacuuuauu cacuguuggu 20

<210> 5971
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5971
cuguuggugg guauguaaac 20

<210> 5972
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5972
cucugugcug auuuucauag 20

<210> 5973
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5973
cacuaugaaa aucagcacag 20

<210> 5974
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5974
uuguuuuguu ggagugggaa 20

<210> 5975

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5975
uuuguuuugu uggaguggga 20

<210> 5976
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5976
uuguuuuguu uuguuggagu 20

<210> 5977
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5977
uuuguuuugu uuuguuggag 20

<210> 5978
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5978
uuuguuuugu uuuguuuugu 20

<210> 5979
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5979
guucuaguuc uaguucuaga 20

<210> 5980
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5980
aguucuaguu cuaguucuag 20

<210> 5981
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5981
cuagaacuac ugcacgaucc 20

<210> 5982
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5982
gauccagguu uaccacuccu 20

<210> 5983
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5983
auaccuagga gugguaaacc 20

<210> 5984
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5984
uuugaguaaa uaccuaggag 20

<210> 5985
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5985
acuccuaggu auuuacucaa 20

<210> 5986
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5986
aguccuuuga guaaauaccu 20

<210> 5987
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5987
uauacgucaa ccugugacag 20

<210> 5988
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5988
guauaugaug ccucugucac 20

<210> 5989
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5989
cagaggcauc auauacaagc 20

<210> 5990
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5990
agaggcauca uauacaagca 20

<210> 5991
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5991
caucauauac aagcagggag 20

<210> 5992
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5992
cauauacaag cagggagugg 20

<210> 5993
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5993
ugaggggugg gauuaaaggc 20

<210> 5994
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5994
ugccuuuaau cccaccccuc 20

<210> 5995
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5995
cuccugaggg gugggauuaa 20

<210> 5996
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5996
cuuuaauccc accccucagg 20

<210> 5997
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5997
gacucugccu ccugaggggu 20

<210> 5998
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5998
ugacucugcc uccugagggg 20

<210> 5999
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 5999
accccucagg aggcagaguc 20

<210> 6000
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6000
accugacucu gccuccugag 20

<210> 6001
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6001
uaccugacuc ugccuccuga 20

<210> 6002
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6002
cuaccugacu cugccuccug 20

<210> 6003
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6003
gguagaucuc ugugaguucg 20

<210> 6004
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6004
cugugaguuc gaggccaguu 20

<210> 6005
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6005
acucacuaug uagaccaaac 20

<210> 6006
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6006
cauauggcua uauggucuua 20

<210> 6007
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6007
cauaagacca uauagccaua 20

<210> 6008
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6008
aagaccauau agccauaugg 20

<210> 6009
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6009
agaccauaua gccauaugga 20

<210> 6010
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6010
gaccauauag ccauauggag 20

<210> 6011
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6011

accauauagc cauauggagg 20

<210> 6012
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6012
ccauauagcc auauggaggg 20

<210> 6013
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6013
ccccccucca uauggcuaua 20

<210> 6014
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6014
cucacaaucc ccccuccaua 20

<210> 6015
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6015
gagagaauua uuaaaugaau 20

<210> 6016
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6016
uauacacugu cuucuuucau 20

<210> 6017
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6017
cauaggaaaa augaacagaa 20

<210> 6018
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6018
auaggaaaaa ugaacagaaa 20

<210> 6019
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6019
aacagaaagg gagagaucuu 20

<210> 6020
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6020
acagaaaggg agagaucuuu 20

<210> 6021
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6021
gaaagggaga gaucuuuggg 20

<210> 6022
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6022
aaagggagag aucuuugggu 20

<210> 6023
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6023
aagggagaga ucuuugggug 20

<210> 6024
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6024
auacaugaca ugaaagcaga 20

<210> 6025
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 6025
uacaugacau gaaagcagaa 20

<210> 6026
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6026
acaugacaug aaagcagaag 20

<210> 6027
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6027
agcagaaggg gauuaguuau 20

<210> 6028
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6028
gaaggggauu aguuauugga 20

<210> 6029
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6029
gggauuaguu auuggaaggc 20

<210> 6030

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6030
ggauuaguua uuggaaggca 20

<210> 6031
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6031
uuaguuauug gaaggcaggg 20

<210> 6032
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6032
uaguuauugg aaggcaggga 20

<210> 6033
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6033
uggaaggcag ggagggaccc 20

<210> 6034
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6034
aaggcaggga gggacccagg 20

<210> 6035
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6035
ggagggaccc aggaggauga 20

<210> 6036
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6036
gagggaccca ggaggaugaa 20

<210> 6037
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6037
ucucuucccu ucauccuccu 20

<210> 6038
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6038
uucucuuccc uucauccucc 20

<210> 6039
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6039
gaugaaggga agagaaugca 20

<210> 6040
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6040
augaagggaa gagaaugcaa 20

<210> 6041
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6041
gggaagagaa ugcaagggaa 20

<210> 6042
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6042
aaugcaaggg aaaggaguaa 20

<210> 6043
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6043
gcaagggaaa ggaguaaagg 20

<210> 6044
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6044
agggaaagga guaaaggagg 20

<210> 6045
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6045
gaaaggagua aaggaggagg 20

<210> 6046
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6046
aguaaaggag gaggagguag 20

<210> 6047
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6047
uauuaauucc agcacuugug 20

<210> 6048
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6048
uaauuccagc acuugugagg 20

<210> 6049
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6049
aauuccagca cuugugagga 20

<210> 6050
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6050
auuccagcac uugugaggag 20

<210> 6051
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6051
ugucccucc ucacaagugc 20

<210> 6052
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6052
gacagagcuc ugugaguuca 20

<210> 6053
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6053
uggaacugac uaugcagagg 20

<210> 6054
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6054
cuggaacuga cuaugcagag 20

<210> 6055
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6055
cccucugcau agucaguucc 20

<210> 6056
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6056
ccuggaacug acuaugcaga 20

<210> 6057
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6057
uccuggaacu gacuaugcag 20

<210> 6058
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6058
gucaguucca ggauagccaa 20

<210> 6059
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6059
uauguagcca uuggcuaucc 20

<210> 6060
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6060
gggucucauu auguagccau 20

<210> 6061
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6061
augagacccu gugucagaga 20

<210> 6062
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6062
agacccugug ucagagaagg 20

<210> 6063
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6063
cggccaccuu cucugacaca 20

<210> 6064
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6064
ccugugucag agaagguggc 20

<210> 6065
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6065
ccggccaccu ucucugacac 20

<210> 6066
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6066

gucagagaag guggccggcg 20

<210> 6067
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6067
ucagagaagg uggccggcga 20

<210> 6068
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6068
uaagcaucaa uaucccucgc 20

<210> 6069
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6069
uaacucauuc agcugugugg 20

<210> 6070
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6070
guuuaacuca uucagcugug 20

<210> 6071
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6071
agugcaaaag uagcaggaac 20

<210> 6072
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6072
auugaaagug caaaaguagc 20

<210> 6073
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6073
augcucccag auuacuuaca 20

<210> 6074
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6074
aaauuccaug uaaguaaucu 20

<210> 6075
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6075
uaaauuccau guaaguaauc 20

<210> 6076
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6076
auggaauuua uauuuuauug 20

<210> 6077
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6077
gagguuuguc uaugauguac 20

<210> 6078
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6078
uugguugaaa auuuuucuug 20

<210> 6079
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6079
aaauuuucaa ccaauagucc 20

<210> 6080
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 6080
guuauuuuug ccuggacuau 20

<210> 6081
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6081
aaaaagaggu uauuuuugcc 20

<210> 6082
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6082
agaaagaaag aaagaaaaag 20

<210> 6083
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6083
ucuuuuuuuu uuuuuuuuuu 20

<210> 6084
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6084
uuuuuuuggu uuuuugaaac 20

<210> 6085

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6085
uuuuuugguu uuuugaaaca 20

<210> 6086
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6086
aggguuucuc uguauagccc 20

<210> 6087
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6087
cuguauagcc cuggcugucc 20

<210> 6088
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6088
agugaguucc aggacagcca 20

<210> 6089
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6089
aagugaguuc caggacagcc 20

<210> 6090
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6090
ugguguacaa agugaguucc 20

<210> 6091
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6091
uggaacucac uuuguacacc 20

<210> 6092
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6092
acucacuuug uacaccaggc 20

<210> 6093
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6093
uucugaguuc gaggccagcc 20

<210> 6094
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6094
cagguggauu ucugaguucg 20

<210> 6095
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6095
acucgggagg cagaggcagg 20

<210> 6096
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6096
agcacucggg aggcagaggc 20

<210> 6097
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6097
gccucugccu cccgagugcu 20

<210> 6098
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6098
uccgagcacu cgggaggcag 20

<210> 6099
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6099
cuuuaauccg agcacucggg 20

<210> 6100
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6100
cucccgagug cucggauuaa 20

<210> 6101
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6101
cgccuuuaau ccgagcacuc 20

<210> 6102
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6102
acgccuuuaa uccgagcacu 20

<210> 6103
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6103
uauuuuuugc gggacggugg 20

<210> 6104
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6104
gguuauuuuu ugcgggacgg 20

<210> 6105
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6105
acagguuauu uuuugcggga 20

<210> 6106
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6106
aaaaacaggu uauuuuuugc 20

<210> 6107
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6107
caaaaacagg uuauuuuuug 20

<210> 6108
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6108
auaauuaaaa caacaaaaac 20

<210> 6109
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6109
uuuuuaagau uuuaugugua 20

<210> 6110
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6110
uuuuaagauu uuauguguau 20

<210> 6111
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6111
cuguguacca cuuguaugcu 20

<210> 6112
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6112
uugggcacca agcauacaag 20

<210> 6113
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6113
uguaugcuug gugcccaaga 20

<210> 6114
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6114
ugaucuguuc uguccuucuu 20

<210> 6115
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6115
augaucuguu cuguccuucu 20

<210> 6116
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6116
agaaggacag aacagaucau 20

<210> 6117
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6117
gaaggacaga acagaucaua 20

<210> 6118
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6118
gaacagauca uaggguuucc 20

<210> 6119
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6119
aacagaucau aggguuuccu 20

<210> 6120
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6120
uuuccuggga uaagaguuau 20

<210> 6121
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6121

acuccuauaa cucuuauccc 20

<210> 6122
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6122
gaugacugua agccaccaag 20

<210> 6123
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6123
guaagccacc aaguggacgc 20

<210> 6124
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6124
uaagccacca aguggacgcu 20

<210> 6125
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6125
aauucccagc guccacuugg 20

<210> 6126
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6126
uucaauuccc agcguccacu 20

<210> 6127
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6127
ggacgcuggg aauugaaccu 20

<210> 6128
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6128
ggaauugaac cuugguuagc 20

<210> 6129
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6129
gacacucuuc cagcuaacca 20

<210> 6130
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6130
gggacuggaa uuaaaaauac 20

<210> 6131
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6131
cauagacaaa caacggggac 20

<210> 6132
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6132
aucuucauag acaaacaacg 20

<210> 6133
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6133
aaucuucaua gacaaacaac 20

<210> 6134
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6134
aaaucuucau agacaaacaa 20

<210> 6135
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 6135
uugucuauga agauuuugcu 20

<210> 6136
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6136
uuuugcuugg uaguccaguc 20

<210> 6137
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6137
ccagucuggc uuuaagaaac 20

<210> 6138
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6138
ccuguuucuu aaagccagac 20

<210> 6139
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6139
cagucuggcu uuaagaaaca 20

<210> 6140

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6140
aacagggucu caugcauccc 20

<210> 6141
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6141
auggaagucu gagcaagcca 20

<210> 6142
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6142
cauggaaguc ugagcaagcc 20

<210> 6143
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6143
cucagacuuc caugcagcug 20

<210> 6144
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6144
gacuuccaug cagcugagga 20

<210> 6145
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6145
uaaagccauc cucagcugca 20

<210> 6146
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6146
ucuacgagga aaaggcagga 20

<210> 6147
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6147
cucuacgagg aaaaggcagg 20

<210> 6148
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6148
gcacucuacg aggaaaaggc 20

<210> 6149
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6149
cucagcacuc uacgaggaaa 20

<210> 6150
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6150
uguaaucuca gcacucuacg 20

<210> 6151
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6151
gagaagucug cugguggcac 20

<210> 6152
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6152
uguuaggaga agucugcugg 20

<210> 6153
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6153
ucuuguuagg agaagucugc 20

<210> 6154
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6154
gacuucuccu aacaagaaug 20

<210> 6155
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6155
uccuaacaag aauguggcac 20

<210> 6156
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6156
ccuaacaaga auguggcaca 20

<210> 6157
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6157
cccugugcca cauucuuguu 20

<210> 6158
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6158
aacaagaaug uggcacaggg 20

<210> 6159
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6159
auguggcaca gggaggcaac 20

<210> 6160
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6160
uguggcacag ggaggcaacu 20

<210> 6161
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6161
gaggcaacug ggaaucaaac 20

<210> 6162
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6162
caacugggaa ucaaacagga 20

<210> 6163
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6163
cugggaauca aacaggaagg 20

<210> 6164
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6164
aaacaggaag gaggaguaaa 20

<210> 6165
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6165
aggaaggagg aguaaaagga 20

<210> 6166
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6166
ggaaggagga guaaaaggaa 20

<210> 6167
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6167
gaaggaggag uaaaaggaag 20

<210> 6168
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6168
ggaggaguaa aaggaagggg 20

<210> 6169
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6169
gaguaaaagg aaggggagga 20

<210> 6170
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6170
aaaggaaggg gaggaaggag 20

<210> 6171
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6171
gggaggaagg agaggagaag 20

<210> 6172
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6172
ggaaggagag gagaaguggc 20

<210> 6173
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6173
aggagaggag aaguggcagg 20

<210> 6174
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6174
guggcaggag gagaagaaaa 20

<210> 6175
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6175
gcaggaggag aagaaaaagg 20

<210> 6176
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6176

ggaggagaag aaaaaggagg 20

<210> 6177
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6177
agaaaaagga ggcggagaaa 20

<210> 6178
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6178
aaaaggaggc ggagaaaagg 20

<210> 6179
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6179
aggcggagaa aaggugguag 20

<210> 6180
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6180
cggagaaaag gugguagugg 20

<210> 6181
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6181
agaaaaggug guaguggugg 20

<210> 6182
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6182
ggugguagug guggaggaag 20

<210> 6183
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6183
gguaguggug gaggaagagg 20

<210> 6184
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6184
agugguggag gaagaggagg 20

<210> 6185
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6185
gguggaggaa gaggaggagg 20

<210> 6186
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6186
ggaggaagag gaggaggagg 20

<210> 6187
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6187
ggaagaggag gaggaggagg 20

<210> 6188
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6188
agaggaggag gaggaggagg 20

<210> 6189
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6189
ggaggaggag gaggaggagg 20

<210> 6190
<211> 20
<212> RNA
<213> Artificial Sequence

<220>

<223> Synthetic

<400> 6190
ggaggaggag gaggaggagg 20

<210> 6191
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6191
gaggaggagg aggaggagga 20

<210> 6192
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6192
aggaggagga ggaggaggag 20

<210> 6193
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6193
ggaggaggag gaggaggagg 20

<210> 6194
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6194
gaggggacu uaaucaguaa 20

<210> 6195

<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6195
acuuaaucag uaaaggaaaa 20

<210> 6196
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6196
aaaaggcuga gcucaguccu 20

<210> 6197
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6197
cucaguccuu ggaaccuaca 20

<210> 6198
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6198
guccuuggaa ccuacauggu 20

<210> 6199
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6199
cuccuaccau guagguucca 20

<210> 6200
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6200
cucauucucu ccuaccaugu 20

<210> 6201
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6201
guuuccucug aucccacac 20

<210> 6202
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6202
ugcuccagug uggggaucag 20

<210> 6203
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6203
ugaucccac acuggagcaa 20

<210> 6204
<211> 20
<212> RNA

<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6204
ggcaccauug cuccagugug 20

<210> 6205
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6205
uggcaccauu gcuccagugu 20

<210> 6206
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6206
auggcaccau ugcuccagug 20

<210> 6207
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6207
gaagugggag agugauguga 20

<210> 6208
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6208
ugugaggagu ugggugaagu 20

<210> 6209
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6209
uugugaggag uugggugaag 20

<210> 6210
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6210
uuuuauuuuu gugaggaguu 20

<210> 6211
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6211
uuuuuauuuu ugugaggagu 20

<210> 6212
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6212
uuuuguuuuu uauuuuugug 20

<210> 6213
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6213
uuaaaaaaga aagcuguagc 20

<210> 6214
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6214
uaaaaaagaa agcuguagcc 20

<210> 6215
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6215
aagaaagcug uagccgggcg 20

<210> 6216
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6216
aaagcuguag ccgggcgugg 20

<210> 6217
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6217
aaagugugug ccaccacgcc 20

<210> 6218
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6218
guggcacaca cuuuuaaucc 20

<210> 6219
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6219
acacuuuuaa ucccggcacu 20

<210> 6220
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6220
cacuuuuaau cccggcacuu 20

<210> 6221
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6221
uuuuaauccc ggcacuuggg 20

<210> 6222
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6222
ucccggcacu ugggaggcag 20

<210> 6223
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6223
gccucugccu cccaagugcc 20

<210> 6224
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6224
ugccucugcc ucccaagugc 20

<210> 6225
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6225
acuugggagg cagaggcaag 20

<210> 6226
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6226
caagcggauu ucugaguucg 20

<210> 6227
<211> 20

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6227
uucugaguuc gaggccagcu 20

<210> 6228
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6228
acucacuuug uagaccaagc 20

<210> 6229
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6229
uggucuacaa agugaguucc 20

<210> 6230
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6230
aagugaguuc caggacagcc 20

<210> 6231
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6231

agugaguucc aggacagcca 20

<210> 6232
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6232
cuguguagcc cuggcugucc 20

<210> 6233
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6233
aggguuucuc uguguagccc 20

<210> 6234
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6234
ucuuuugguu uuucaagaca 20

<210> 6235
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6235
uucuuuuggu uuuucaagac 20

<210> 6236
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6236
acagcuuucu uuuuuucuuu 20

<210> 6237
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6237
uauauuaaua uagcaaagca 20

<210> 6238
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6238
auauauuaau auagcaaagc 20

<210> 6239
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6239
uguuuuuucu uauagaauua 20

<210> 6240
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6240
uucuggaggg aggaaaagga 20

<210> 6241
<211> 20
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6241
cucauucugg agggaggaaa 20

<210> 6242
<211> 1379
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6242

Met Asp Lys Lys Tyr Ser Ile Gly Leu Asp Ile Gly Thr Asn Ser Val
1 5 10 15

Gly Trp Ala Val Ile Thr Asp Glu Tyr Lys Val Pro Ser Lys Lys Phe
20 25 30

Lys Val Leu Gly Asn Thr Asp Arg His Ser Ile Lys Lys Asn Leu Ile
35 40 45

Gly Ala Leu Leu Phe Asp Ser Gly Glu Thr Ala Glu Ala Thr Arg Leu
50 55 60

Lys Arg Thr Ala Arg Arg Arg Tyr Thr Arg Arg Lys Asn Arg Ile Cys
65 70 75 80

Tyr Leu Gln Glu Ile Phe Ser Asn Glu Met Ala Lys Val Asp Asp Ser
85 90 95

Phe Phe His Arg Leu Glu Glu Ser Phe Leu Val Glu Glu Asp Lys Lys
100 105 110

His Glu Arg His Pro Ile Phe Gly Asn Ile Val Asp Glu Val Ala Tyr
115 120 125

```
His Glu Lys Tyr Pro Thr Ile Tyr His Leu Arg Lys Lys Leu Val Asp
    130                 135                 140

Ser Thr Asp Lys Ala Asp Leu Arg Leu Ile Tyr Leu Ala Leu Ala His
145                 150                 155                 160

Met Ile Lys Phe Arg Gly His Phe Leu Ile Glu Gly Asp Leu Asn Pro
                165                 170                 175

Asp Asn Ser Asp Val Asp Lys Leu Phe Ile Gln Leu Val Gln Thr Tyr
            180                 185                 190

Asn Gln Leu Phe Glu Glu Asn Pro Ile Asn Ala Ser Gly Val Asp Ala
        195                 200                 205

Lys Ala Ile Leu Ser Ala Arg Leu Ser Lys Ser Arg Arg Leu Glu Asn
    210                 215                 220

Leu Ile Ala Gln Leu Pro Gly Glu Lys Lys Asn Gly Leu Phe Gly Asn
225                 230                 235                 240

Leu Ile Ala Leu Ser Leu Gly Leu Thr Pro Asn Phe Lys Ser Asn Phe
                245                 250                 255

Asp Leu Ala Glu Asp Ala Lys Leu Gln Leu Ser Lys Asp Thr Tyr Asp
            260                 265                 270

Asp Asp Leu Asp Asn Leu Leu Ala Gln Ile Gly Asp Gln Tyr Ala Asp
        275                 280                 285

Leu Phe Leu Ala Ala Lys Asn Leu Ser Asp Ala Ile Leu Leu Ser Asp
    290                 295                 300

Ile Leu Arg Val Asn Thr Glu Ile Thr Lys Ala Pro Leu Ser Ala Ser
305                 310                 315                 320

Met Ile Lys Arg Tyr Asp Glu His His Gln Asp Leu Thr Leu Leu Lys
                325                 330                 335

Ala Leu Val Arg Gln Gln Leu Pro Glu Lys Tyr Lys Glu Ile Phe Phe
            340                 345                 350
```

```
Asp Gln Ser Lys Asn Gly Tyr Ala Gly Tyr Ile Asp Gly Gly Ala Ser
        355                 360                 365

Gln Glu Glu Phe Tyr Lys Phe Ile Lys Pro Ile Leu Glu Lys Met Asp
    370                 375                 380

Gly Thr Glu Glu Leu Leu Val Lys Leu Asn Arg Glu Asp Leu Leu Arg
385                 390                 395                 400

Lys Gln Arg Thr Phe Asp Asn Gly Ser Ile Pro His Gln Ile His Leu
                405                 410                 415

Gly Glu Leu His Ala Ile Leu Arg Arg Gln Glu Asp Phe Tyr Pro Phe
            420                 425                 430

Leu Lys Asp Asn Arg Glu Lys Ile Glu Lys Ile Leu Thr Phe Arg Ile
        435                 440                 445

Pro Tyr Tyr Val Gly Pro Leu Ala Arg Gly Asn Ser Arg Phe Ala Trp
    450                 455                 460

Met Thr Arg Lys Ser Glu Glu Thr Ile Thr Pro Trp Asn Phe Glu Glu
465                 470                 475                 480

Val Val Asp Lys Gly Ala Ser Ala Gln Ser Phe Ile Glu Arg Met Thr
                485                 490                 495

Asn Phe Asp Lys Asn Leu Pro Asn Glu Lys Val Leu Pro Lys His Ser
            500                 505                 510

Leu Leu Tyr Glu Tyr Phe Thr Val Tyr Asn Glu Leu Thr Lys Val Lys
        515                 520                 525

Tyr Val Thr Glu Gly Met Arg Lys Pro Ala Phe Leu Ser Gly Glu Gln
    530                 535                 540

Lys Lys Ala Ile Val Asp Leu Leu Phe Lys Thr Asn Arg Lys Val Thr
545                 550                 555                 560

Val Lys Gln Leu Lys Glu Asp Tyr Phe Lys Lys Ile Glu Cys Phe Asp
                565                 570                 575
```

```
Ser Val Glu Ile Ser Gly Val Glu Asp Arg Phe Asn Ala Ser Leu Gly
            580                 585                 590

Thr Tyr His Asp Leu Leu Lys Ile Ile Lys Asp Lys Asp Phe Leu Asp
        595                 600                 605

Asn Glu Glu Asn Glu Asp Ile Leu Glu Asp Ile Val Leu Thr Leu Thr
    610                 615                 620

Leu Phe Glu Asp Arg Glu Met Ile Glu Glu Arg Leu Lys Thr Tyr Ala
625                 630                 635                 640

His Leu Phe Asp Asp Lys Val Met Lys Gln Leu Lys Arg Arg Arg Tyr
                645                 650                 655

Thr Gly Trp Gly Arg Leu Ser Arg Lys Leu Ile Asn Gly Ile Arg Asp
            660                 665                 670

Lys Gln Ser Gly Lys Thr Ile Leu Asp Phe Leu Lys Ser Asp Gly Phe
        675                 680                 685

Ala Asn Arg Asn Phe Met Gln Leu Ile His Asp Asp Ser Leu Thr Phe
    690                 695                 700

Lys Glu Asp Ile Gln Lys Ala Gln Val Ser Gly Gln Gly Asp Ser Leu
705                 710                 715                 720

His Glu His Ile Ala Asn Leu Ala Gly Ser Pro Ala Ile Lys Lys Gly
                725                 730                 735

Ile Leu Gln Thr Val Lys Val Val Asp Glu Leu Val Lys Val Met Gly
            740                 745                 750

Arg His Lys Pro Glu Asn Ile Val Ile Glu Met Ala Arg Glu Asn Gln
        755                 760                 765

Thr Thr Gln Lys Gly Gln Lys Asn Ser Arg Glu Arg Met Lys Arg Ile
    770                 775                 780

Glu Glu Gly Ile Lys Glu Leu Gly Ser Gln Ile Leu Lys Glu His Pro
```

785 790 795 800

Val Glu Asn Thr Gln Leu Gln Asn Glu Lys Leu Tyr Leu Tyr Tyr Leu
805 810 815

Gln Asn Gly Arg Asp Met Tyr Val Asp Gln Glu Leu Asp Ile Asn Arg
820 825 830

Leu Ser Asp Tyr Asp Val Asp His Ile Val Pro Gln Ser Phe Leu Lys
835 840 845

Asp Asp Ser Ile Asp Asn Lys Val Leu Thr Arg Ser Asp Lys Asn Arg
850 855 860

Gly Lys Ser Asp Asn Val Pro Ser Glu Glu Val Val Lys Lys Met Lys
865 870 875 880

Asn Tyr Trp Arg Gln Leu Leu Asn Ala Lys Leu Ile Thr Gln Arg Lys
885 890 895

Phe Asp Asn Leu Thr Lys Ala Glu Arg Gly Gly Leu Ser Glu Leu Asp
900 905 910

Lys Ala Gly Phe Ile Lys Arg Gln Leu Val Glu Thr Arg Gln Ile Thr
915 920 925

Lys His Val Ala Gln Ile Leu Asp Ser Arg Met Asn Thr Lys Tyr Asp
930 935 940

Glu Asn Asp Lys Leu Ile Arg Glu Val Lys Val Ile Thr Leu Lys Ser
945 950 955 960

Lys Leu Val Ser Asp Phe Arg Lys Asp Phe Gln Phe Tyr Lys Val Arg
965 970 975

Glu Ile Asn Asn Tyr His His Ala His Asp Ala Tyr Leu Asn Ala Val
980 985 990

Val Gly Thr Ala Leu Ile Lys Lys Tyr Pro Lys Leu Glu Ser Glu Phe
995 1000 1005

```
Val Tyr  Gly Asp Tyr Lys Val  Tyr Asp Val Arg Lys  Met Ile Ala
    1010                1015                1020

Lys Ser  Glu Gln Glu Ile Gly  Lys Ala Thr Ala Lys  Tyr Phe Phe
    1025                1030                1035

Tyr Ser  Asn Ile Met Asn Phe  Phe Lys Thr Glu Ile  Thr Leu Ala
    1040                1045                1050

Asn Gly  Glu Ile Arg Lys Arg  Pro Leu Ile Glu Thr  Asn Gly Glu
    1055                1060                1065

Thr Gly  Glu Ile Val Trp Asp  Lys Gly Arg Asp Phe  Ala Thr Val
    1070                1075                1080

Arg Lys  Val Leu Ser Met Pro  Gln Val Asn Ile Val  Lys Lys Thr
    1085                1090                1095

Glu Val  Gln Thr Gly Gly Phe  Ser Lys Glu Ser Ile  Leu Pro Lys
    1100                1105                1110

Arg Asn  Ser Asp Lys Leu Ile  Ala Arg Lys Lys Asp  Trp Asp Pro
    1115                1120                1125

Lys Lys  Tyr Gly Gly Phe Asp  Ser Pro Thr Val Ala  Tyr Ser Val
    1130                1135                1140

Leu Val  Val Ala Lys Val Glu  Lys Gly Lys Ser Lys  Lys Leu Lys
    1145                1150                1155

Ser Val  Lys Glu Leu Leu Gly  Ile Thr Ile Met Glu  Arg Ser Ser
    1160                1165                1170

Phe Glu  Lys Asn Pro Ile Asp  Phe Leu Glu Ala Lys  Gly Tyr Lys
    1175                1180                1185

Glu Val  Lys Lys Asp Leu Ile  Ile Lys Leu Pro Lys  Tyr Ser Leu
    1190                1195                1200

Phe Glu  Leu Glu Asn Gly Arg  Lys Arg Met Leu Ala  Ser Ala Gly
    1205                1210                1215
```

Glu Leu Gln Lys Gly Asn Glu Leu Ala Leu Pro Ser Lys Tyr Val
1220 1225 1230

Asn Phe Leu Tyr Leu Ala Ser His Tyr Glu Lys Leu Lys Gly Ser
1235 1240 1245

Pro Glu Asp Asn Glu Gln Lys Gln Leu Phe Val Glu Gln His Lys
1250 1255 1260

His Tyr Leu Asp Glu Ile Ile Glu Gln Ile Ser Glu Phe Ser Lys
1265 1270 1275

Arg Val Ile Leu Ala Asp Ala Asn Leu Asp Lys Val Leu Ser Ala
1280 1285 1290

Tyr Asn Lys His Arg Asp Lys Pro Ile Arg Glu Gln Ala Glu Asn
1295 1300 1305

Ile Ile His Leu Phe Thr Leu Thr Asn Leu Gly Ala Pro Ala Ala
1310 1315 1320

Phe Lys Tyr Phe Asp Thr Thr Ile Asp Arg Lys Arg Tyr Thr Ser
1325 1330 1335

Thr Lys Glu Val Leu Asp Ala Thr Leu Ile His Gln Ser Ile Thr
1340 1345 1350

Gly Leu Tyr Glu Thr Arg Ile Asp Leu Ser Gln Leu Gly Gly Asp
1355 1360 1365

Gly Gly Gly Ser Pro Lys Lys Lys Arg Lys Val
1370 1375

<210> 6243
<211> 4514
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6243
gggucccgca gucggcgucc agcggcucug cuuguucgug ugugugucgu ugcaggccuu 60

auucggaucc auggauaaga aguacucaau cgggcuggau aucggaacua auuccguggg 120

uugggcagug aucacggaug aauacaaagu gccguccaag aaguucaagg uccuggggaa 180

caccgauaga cacagcauca agaaaaaucu caucggagcc cugcuguuug acuccggcga 240

aaccgcagaa gcgacccggc ucaaacguac cgcgaggcga cgcuacaccc ggcggaagaa 300

ucgcaucugc uaucugcaag agaucuuuuc gaacgaaaug gcaaaggucg acgacagcuu 360

cuuccaccgc cuggaagaau cuuuccuggu ggaggaggac aagaagcaug aacggcaucc 420

uaucuuugga aacaucgucg acgaaguggc guaccacgaa aaguacccga ccaucuacca 480

ucugcggaag aaguugguug acucaacuga caaggccgac cucagauuga ucuacuuggc 540

ccucgcccau augaucaaau uccgcggaca cuuccugauc gaaggcgauc ugaacccuga 600

uaacuccgac guggauaagc uuuucauuca acuggugcag accuacaacc aacuguucga 660

agaaaaccca aucaaugcua gcggcgucga ugccaaggcc auccuguccg cccggcuguc 720

gaagucgcgg cgccucgaaa accugaucgc acagcugccg ggagagaaaa agaacggacu 780

uuucggcaac uugaucgcuc ucucacuggg acucacuccc aauuucaagu ccaauuuuga 840

ccuggccgag gacgcgaagc ugcaacucuc aaaggacacc uacgacgacg acuuggacaa 900

uuugcuggca caaauuggcg aucaguacgc ggaucuguuc cuugccgcua agaaccuuuc 960

ggacgcaauc uugcuguccg auauccugcg cgugaacacc gaaauaacca aagcgccgcu 1020

uagcgccucg augauuaagc gguacgacga gcaucaccag gaucucacgc ugcucaaagc 1080

gcucgugaga cagcaacugc cugaaaagua caaggagauc uucuucgacc aguccaagaa 1140

uggguacgca ggguacaucg auggaggcgc uagccaggaa gaguucuaua aguucaucaa 1200

gccaauccug gaaaagaugg acggaaccga agaacugcug gucaagcuga acagggagga 1260

ucugcuccgg aaacagagaa ccuuugacaa cggauccauu ccccaccaga uccaucuggg 1320

ugagcugcac gccaucuugc ggcgccagga ggacuuuuac ccauuccuca aggacaaccg 1380

ggaaaagauc gagaaaauuc ugacguuccg caucccguau uacgugggcc cacuggcgcg 1440

cggcaauucg cgcuucgcgu ggaugacuag aaaaucagag gaaaccauca cuccuuggaa 1500

uuucgaggaa guuguggaua agggagcuuc ggcacaaagc uucaucgaac gaaugaccaa 1560

cuucgacaag aaucucccaa acgagaaggu gcuuccuaag cacagccucc uuuacgaaua 1620

cuucacuguc uacaacgaac ugacuaaagu gaaauacguu acugaaggaa ugaggaagcc 1680

ggccuuucug uccggagaac agaagaaagc aauugucgau cugcuguuca agaccaaccg 1740

caaggugacc gucaagcagc uuaaagagga cuacuucaag aagaucgagu guuucgacuc 1800

aguggaaauc agcggggugg aggacagauu caacgcuucg cugggaaccu aucaugaucu 1860

ccugaagauc aucaaggaca aggacuuccu ugacaacgag gagaacgagg acauccugga 1920

agauaucguc cugaccuuga cccuuuucga ggaucgcgag augaucgagg agaggcuuaa 1980

gaccuacgcu caucucuucg acgauaaggu caugaaacaa cucaagcgcc gccgguacac 2040

ugguuggggc cgccucuccc gcaagcugau caacgguauu cgcgauaaac agagcgguaa 2100

aacuauccug gauuuccuca aaucggaugg cuucgcuaau cguaacuuca ugcaauugau 2160

ccacgacgac agccugaccu uuaaggagga cauccaaaaa gcacaagugu ccggacaggg 2220

agacucacuc caugaacaca ucgcgaaucu ggccgguucg ccggcgauua agaagggaau 2280

ucugcaaacu gugaaggugg ucgacgagcu ggugaagguc augggacggc acaaaccgga 2340

gaauaucgug auugaaaugg cccgagaaaa ccagacuacc cagaagggcc agaaaaacuc 2400

ccgcgaaagg augaagcgga ucgaagaagg aaucaaggag cugggcagcc agauccugaa 2460

agagcacccg guggaaaaca cgcagcugca gaacgagaag cucuaccugu acuauuugca 2520

aaauggacgg gacauguacg uggaccaaga gcuggacauc aaucgguugu cugauuacga 2580

cguggaccac aucguuccac aguccuuucu gaaggaugac ucgaucgaua acaagguguu 2640

gacucgcagc gacaagaaca gagggaaguc agauaaugug ccaucggagg aggucgugaa 2700

gaagaugaag aauuacuggc ggcagcuccu gaaugcgaag cugauuaccc agagaaaguu 2760

ugacaaucuc acuaaagccg agcgcggcgg acucucagag cuggauaagg cuggauucau 2820

caaacggcag cuggucgaga cucggcagau uaccaagcac guggcgcaga ucuuggacuc 2880

ccgcaugaac acuaaauacg acgagaacga uaagcucauc cgggaaguga aggugauuac 2940

ccugaaaagc aaacuugugu cggacuuucg gaaggacuuu caguuuuaca aagugagaga 3000

aaucaacaac uaccaucacg cgcaugacgc auaccucaac gcuguggucg guaccgcccu 3060

gaucaaaaag uacccuaaac uugaaucgga guuuguguac ggagacuaca aggucuacga 3120

cgugaggaag augauagcca aguccgaaca ggaaaucggg aaagcaacug cgaaauacuu 3180

cuuuuacuca aacaucauga acuuuuucaa gacugaaauu acgcuggcca auggagaaau 3240

caggaagagg ccacugaucg aaacuaacgg agaaacgggc gaaaucgugu gggacaaggg 3300

cagggacuuc gcaacuguuc gcaaagugcu cucuaugccg caagucaaua uugugaagaa 3360

aaccgaagug caaaccggcg gauuuucaaa ggaaucgauc cucccaaaga gaaauagcga 3420

caagcucauu gcacgcaaga aagacuggga cccgaagaag uacggaggau ucgauucgcc 3480

gacugucgca uacuccgucc ucgugguggc caagguggag aagggaaaga gcaaaaagcu 3540

caaauccguc aaagagcugc uggggauuac caucauggaa cgauccucgu ucgagaagaa 3600

cccgauugau uuccucgagg cgaaggguua caaggaggug aagaaggauc ugaucaucaa 3660

acucccccaag uacucacugu ucgaacugga aaauggucgg aagcgcaugc uggcuucggc 3720

cggagaacuc caaaaaggaa augagcuggc cuugccuagc aaguacguca acuuccucua 3780

ucuugcuucg cacuacgaaa aacucaaagg gucaccggaa gauaacgaac agaagcagcu 3840

uuucguggag cagcacaagc auuaucugga ugaaaucauc gaacaaaucu ccgaguuuuc 3900

aaagcgcgug auccucgccg acgccaaccu cgacaaaguc cugucggccu acaauaagca 3960

uagagauaag ccgaucagag aacaggccga gaacauuauc cacuuguuca cccugacuaa 4020

ccugggagcc ccagccgccu ucaaguacuu cgauacuacu aucgaucgca aaagauacac 4080

guccaccaag gaaguucugg acgcgacccu gauccaccaa agcaucacug gacucuacga 4140

aacuaggauc gaucugucgc agcugggugg cgauggcggu ggaucuccga aaaagaagag 4200

aaagguguaa ugagcuagcc aucacauuua aaagcaucuc agccuaccau gagaauaaga 4260

gaaagaaaau gaagaucaau agcuuauuca ucucuuuuuc uuuuucguug guguaaagcc 4320

aacacccugu cuaaaaaaca uaaauuucuu uaaucauuuu gccucuuuuc ucugugcuuc 4380

aauuaauaaa aaauggaaag aaccucgaga aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 4440

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 4500

aaaaaaaaau cuag 4514

<210> 6244
<211> 4245
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6244
atggccccca agaagaagcg gaaggtgggc atccacggcg tgcccgccgc cgacaagaag 60

tacagcatcg gcctggacat cggcaccaac agcgtgggct gggccgtgat caccgacgag 120

tacaaggtgc ccagcaagaa gttcaaggtg ctgggcaaca ccgaccggca cagcatcaag 180

aagaacctga tcggcgccct gctgttcgac agcggcgaga ccgccgaggc cacccggctg 240

aagcggaccg cccggcggcg gtacacccgg cggaagaacc ggatctgcta cctgcaggag 300

atcttcagca acgagatggc caaggtggac gacagcttct tccaccggct ggaggagagc 360

ttcctggtgg aggaggacaa gaagcacgag cggcacccca tcttcggcaa catcgtggac 420

gaggtggcct accacgagaa gtaccccacc atctaccacc tgcggaagaa gctggtggac 480

agcaccgaca aggccgacct gcggctgatc tacctggccc tggcccacat gatcaagttc 540

cggggccact tcctgatcga gggcgacctg aaccccgaca acagcgacgt ggacaagctg 600

ttcatccagc tggtgcagac ctacaaccag ctgttcgagg agaaccccat caacgccagc 660

ggcgtggacg ccaaggccat cctgagcgcc cggctgagca agagccggcg gctggagaac 720

ctgatcgccc agctgcccgg cgagaagaag aacggcctgt tcggcaacct gatcgccctg 780

agcctgggcc tgaccccaa cttcaagagc aacttcgacc tggccgagga cgccaagctg 840

cagctgagca aggacaccta cgacgacgac ctggacaacc tgctggccca gatcggcgac 900

cagtacgccg acctgttcct ggccgccaag aacctgagcg acgccatcct gctgagcgac 960

atcctgcggg tgaacaccga gatcaccaag gccccctga gcgccagcat gatcaagcgg 1020

tacgacgagc accaccagga cctgaccctg ctgaaggccc tggtgcggca gcagctgccc 1080

gagaagtaca aggagatctt cttcgaccag agcaagaacg gctacgccgg ctacatcgac 1140

ggcggcgcca gccaggagga gttctacaag ttcatcaagc ccatcctgga gaagatggac 1200

ggcaccgagg agctgctggt gaagctgaac cgggaggacc tgctgcggaa gcagcggacc 1260

ttcgacaacg gcagcatccc ccaccagatc cacctgggcg agctgcacgc catcctgcgg 1320

cggcaggagg acttctaccc cttcctgaag gacaaccggg agaagatcga gaagatcctg 1380

accttccgga tcccctacta cgtgggcccc ctggcccggg gcaacagccg gttcgcctgg 1440

atgacccgga agagcgagga gaccatcacc ccctggaact tcgaggaggt ggtggacaag 1500

ggcgccagcg cccagagctt catcgagcgg atgaccaact tcgacaagaa cctgcccaac 1560

gagaaggtgc tgcccaagca cagcctgctg tacgagtact tcaccgtgta caacgagctg 1620

accaaggtga agtacgtgac cgagggcatg cggaagcccg ccttcctgag cggcgagcag 1680

aagaaggcca tcgtggacct gctgttcaag accaaccgga aggtgaccgt gaagcagctg 1740

aaggaggact acttcaagaa gatcgagtgc ttcgacagcg tggagatcag cggcgtggag 1800

gaccggttca acgccagcct gggcacctac cacgacctgc tgaagatcat caaggacaag 1860

gacttcctgg acaacgagga gaacgaggac atcctggagg acatcgtgct gaccctgacc 1920

ctgttcgagg accgggagat gatcgaggag cggctgaaga cctacgccca cctgttcgac 1980

gacaaggtga tgaagcagct gaagcggcgg cggtacaccg gctggggccg gctgagccgg 2040

aagctgatca acggcatccg ggacaagcag agcggcaaga ccatcctgga cttcctgaag 2100

agcgacggct tcgccaaccg gaacttcatg cagctgatcc acgacgacag cctgaccttc 2160

aaggaggaca tccagaaggc ccaggtgagc ggccagggcg acagcctgca cgagcacatc 2220

gccaacctgg ccggcagccc cgccatcaag aagggcatcc tgcagaccgt gaaggtggtg 2280

gacgagctgg tgaaggtgat gggccggcac aagcccgaga acatcgtgat cgagatggcc 2340

cgggagaacc agaccaccca gaagggccag aagaacagcc gggagcggat gaagcggatc 2400

gaggagggca tcaaggagct gggcagccag atcctgaagg agcaccccgt ggagaacacc 2460

cagctgcaga acgagaagct gtacctgtac tacctgcaga acggccggga catgtacgtg 2520

gaccaggagc tggacatcaa ccggctgagc gactacgacg tggaccacat cgtgccccag 2580

agcttcctga aggacgacag catcgacaac aaggtgctga cccggagcga caagaaccgg 2640

ggcaagagcg acaacgtgcc cagcgaggag gtggtgaaga agatgaagaa ctactggcgg 2700

cagctgctga acgccaagct gatcacccag cggaagttcg acaacctgac caaggccgag 2760

cggggcggcc tgagcgagct ggacaaggcc ggcttcatca agcggcagct ggtggagacc 2820

cggcagatca ccaagcacgt ggcccagatc ctggacagcc ggatgaacac caagtacgac 2880

gagaacgaca agctgatccg ggaggtgaag gtgatcaccc tgaagagcaa gctggtgagc 2940

gacttccgga aggacttcca gttctacaag gtgcgggaga tcaacaacta ccaccacgcc 3000

cacgacgcct acctgaacgc cgtggtgggc accgccctga tcaagaagta ccccaagctg 3060

gagagcgagt tcgtgtacgg cgactacaag gtgtacgacg tgcggaagat gatcgccaag 3120

agcgagcagg agatcggcaa ggccaccgcc aagtacttct tctacagcaa catcatgaac 3180

ttcttcaaga ccgagatcac cctggccaac ggcgagatcc ggaagcggcc cctgatcgag 3240

accaacggcg agaccggcga gatcgtgtgg gacaagggcc gggacttcgc caccgtgcgg 3300

aaggtgctga gcatgcccca ggtgaacatc gtgaagaaga ccgaggtgca gaccggcggc 3360

ttcagcaagg agagcatcct gcccaagcgg aacagcgaca agctgatcgc ccggaagaag 3420

gactgggacc ccaagaagta cggcggcttc gacagcccca ccgtggccta cagcgtgctg 3480

gtggtggcca aggtggagaa gggcaagagc aagaagctga agagcgtgaa ggagctgctg 3540

ggcatcacca tcatggagcg gagcagcttc gagaagaacc ccatcgactt cctggaggcc 3600

aagggctaca aggaggtgaa gaaggacctg atcatcaagc tgcccaagta cagcctgttc 3660

gagctggaga acggccggaa gcggatgctg gccagcgccg gcgagctgca gaagggcaac 3720

gagctggccc tgcccagcaa gtacgtgaac ttcctgtacc tggccagcca ctacgagaag 3780

ctgaagggca gccccgagga caacgagcag aagcagctgt tcgtggagca gcacaagcac 3840

tacctggacg agatcatcga gcagatcagc gagttcagca agcgggtgat cctggccgac 3900

gccaacctgg acaaggtgct gagcgcctac aacaagcacc gggacaagcc catccgggag 3960

caggccgaga acatcatcca cctgttcacc ctgaccaacc tgggcgcccc cgccgccttc 4020

aagtacttcg acaccaccat cgaccggaag cggtacacca gcaccaagga ggtgctggac 4080

gccaccctga tccaccagag catcaccggc ctgtacgaga cccggatcga cctgagccag 4140

ctgggcggcg acagcggcgg caagcggccc gccgccacca agaaggccgg ccaggccaag 4200

aagaagaagg gcagctaccc ctacgacgtg cccgactacg cctga 4245

<210> 6245
<211> 4245
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6245
auggccccca agaagaagcg gaaggugggc auccacggcg ugcccgccgc cgacaagaag 60

uacagcaucg gccuggacau cggcaccaac agcgugggcu gggccgugau caccgacgag 120

uacaaggugc ccagcaagaa guucaaggug cugggcaaca ccgaccggca cagcaucaag 180

aagaaccuga ucggcgcccu gcuguucgac agcggcgaga ccgccgaggc cacccggcug 240

aagcggaccg cccggcggcg guacacccgg cggaagaacc ggaucugcua ccugcaggag 300

aucuucagca acgagauggc caagguggac gacagcuucu uccaccggcu ggaggagagc 360

uuccuggugg aggaggacaa gaagcacgag cggcacccca ucuucggcaa caucguggac 420

gagguggccu accacgagaa guaccccacc aucuaccacc ugcggaagaa gcugguggac 480

agcaccgaca aggccgaccu gcggcugauc uaccuggccc uggcccacau gaucaaguuc 540

cggggccacu uccugaucga gggcgaccug aaccccgaca acagcgacgu ggacaagcug 600

uucauccagc uggugcagac cuacaaccag cuguucgagg agaaccccau caacgccagc 660

ggcguggacg ccaaggccau ccugagcgcc cggcugagca agagccggcg gcuggagaac 720

cugaucgccc agcugcccgg cgagaagaag aacggccugu ucggcaaccu gaucgcccug 780

agccugggcc ugacccccaa cuucaagagc aacuucgacc uggccgagga cgccaagcug 840

cagcugagca aggacaccua cgacgacgac cuggacaacc ugcuggccca gaucggcgac 900

caguacgccg accuguuccu ggccgccaag aaccugagcg acgccauccu gcugagcgac 960

auccugcggg ugaacaccga gaucaccaag gccccccuga gcgccagcau gaucaagcgg 1020

uacgacgagc accaccagga ccugacccug cugaaggccc uggugcggca gcagcugccc 1080

gagaaguaca aggagaucuu cuucgaccag agcaagaacg gcuacgccgg cuacaucgac 1140

ggcggcgcca gccaggagga guucuacaag uucaucaagc ccauccugga gaagauggac 1200

ggcaccgagg agcugcuggu gaagcugaac cgggaggacc ugcugcggaa gcagcggacc 1260

uucgacaacg gcagcauccc ccaccagauc caccuggggcg agcugcacgc cauccugcgg 1320

cggcaggagg acuucuaccc cuuccugaag gacaaccggg agaagaucga gaagauccug 1380

accuuccgga uccccuacua cgugggcccc cuggcccggg gcaacagccg guucgccugg 1440

augacccgga agagcgagga gaccaucacc cccuggaacu ucgaggaggu gguggacaag 1500

ggcgccagcg cccagagcuu caucgagcgg augaccaacu ucgacaagaa ccugcccaac 1560

gagaaggugc ugcccaagca cagccugcug uacgaguacu ucaccgugua caacgagcug 1620

accaagguga aguacgugac cgagggcaug cggaagcccg ccuuccugag cggcgagcag 1680

aagaaggcca ucguggaccu gcuguucaag accaaccgga aggugaccgu gaagcagcug 1740

aaggaggacu acuucaagaa gaucgagugc uucgacagcg uggagaucag cggcguggag 1800

gaccgguuca acgccagccu gggcaccuac cacgaccugc ugaagaucau caaggacaag 1860

gacuuccugg acaacgagga gaacgaggac auccuggagg acaucgugcu gacccugacc 1920

cuguucgagg accgggagau gaucgaggag cggcugaaga ccuacgccca ccuguucgac 1980

gacaagguga ugaagcagcu gaagcggcgg cgguacaccg gcuggggccg gcugagccgg 2040

aagcugauca acggcauccg ggacaagcag agcggcaaga ccauccugga cuuccugaag 2100

agcgacggcu ucgccaaccg gaacuucaug cagcugaucc acgacgacag ccugaccuuc 2160

aaggaggaca uccagaaggc ccaggugagc ggccagggcg acagccugca cgagcacauc 2220

gccaaccugg ccggcagccc cgccaucaag aagggcaucc ugcagaccgu gaagguggug 2280

gacgagcugg ugaaggugau gggccggcac aagcccgaga acaucgugau cgagauggcc 2340

cgggagaacc agaccaccca gaagggccag aagaacagcc gggagcggau gaagcggauc 2400

gaggagggca ucaaggagcu gggcagccag auccugaagg agcaccccgu ggagaacacc 2460

cagcugcaga acgagaagcu guaccuguac uaccugcaga acggccggga cauguacgug 2520

gaccaggagc uggacaucaa ccggcugagc gacuacgacg uggaccacau cgugccccag 2580

agcuuccuga aggacgacag caucgacaac aaggugcuga cccggagcga caagaaccgg 2640

ggcaagagcg acaacgugcc cagcgaggag guggugaaga agaugaagaa cuacuggcgg 2700

cagcugcuga acgccaagcu gaucacccag cggaaguucg acaaccugac caaggccgag 2760

cggggcggcc ugagcgagcu ggacaaggcc ggcuucauca agcggcagcu gguggagacc 2820

cggcagauca ccaagcacgu ggcccagauc cuggacagcc ggaugaacac caaguacgac 2880

gagaacgaca agcugauccg ggaggugaag gugaucaccc ugaagagcaa gcuggugagc 2940

gacuuccgga aggacuucca guucuacaag gugcgggaga ucaacaacua ccaccacgcc 3000

cacgacgccu accugaacgc cgugggugggc accgcccuga ucaagaagua ccccaagcug 3060

gagagcgagu ucguguacgg cgacuacaag guguacgacg ugcggaagau gaucgccaag 3120

agcgagcagg agaucggcaa ggccaccgcc aaguacuucu ucuacagcaa caucaugaac 3180

uucuucaaga ccgagaucac ccuggccaac ggcgagaucc ggaagcggcc ccugaucgag 3240

accaacggcg agaccggcga gaucgugugg gacaagggcc gggacuucgc caccgugcgg 3300

aaggugcuga gcaugcccca ggugaacauc gugaagaaga ccgaggugca gaccggcggc 3360

uucagcaagg agagcauccu gcccaagcgg aacagcgaca agcugaucgc ccggaagaag 3420

gacugggacc ccaagaagua cggcggcuuc gacagcccca ccguggccua cagcgugcug 3480

gugguggcca agguggagaa gggcaagagc aagaagcuga agagcgugaa ggagcugcug 3540

ggcaucacca ucauggagcg gagcagcuuc gagaagaacc ccaucgacuu ccuggaggcc 3600

aagggcuaca aggaggugaa gaaggaccug aucaucaagc ugcccaagua cagccuguuc 3660

gagcuggaga acggccggaa gcggaugcug gccagcgccg gcgagcugca gaagggcaac 3720

gagcuggccc ugcccagcaa guacgugaac uuccuguacc uggccagcca cuacgagaag 3780

cugaagggca gccccgagga caacgagcag aagcagcugu ucguggagca gcacaagcac 3840

uaccuggacg agaucaucga gcagaucagc gaguucagca agcgggugau ccuggccgac 3900

gccaaccugg acaaggugcu gagcgccuac aacaagcacc gggacaagcc cauccgggag 3960

caggccgaga acaucaucca ccuguucacc cugaccaacc ugggcgcccc cgccgccuuc 4020

aaguacuucg acaccaccau cgaccggaag cgguacacca gcaccaagga ggugcuggac 4080

gccacccuga uccaccagag caucaccggc cuguacgaga cccggaucga ccugagccag 4140

cugggcggcg acagcggcgg caagcggccc gccgccacca agaaggccgg ccaggccaag 4200

aagaagaagg gcagcuaccc cuacgacgug cccgacuacg ccuga 4245

<210> 6246
<211> 1414
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6246

Met Ala Pro Lys Lys Lys Arg Lys Val Gly Ile His Gly Val Pro Ala
1 5 10 15

Ala Asp Lys Lys Tyr Ser Ile Gly Leu Asp Ile Gly Thr Asn Ser Val
20 25 30

Gly Trp Ala Val Ile Thr Asp Glu Tyr Lys Val Pro Ser Lys Lys Phe
35 40 45

Lys Val Leu Gly Asn Thr Asp Arg His Ser Ile Lys Lys Asn Leu Ile
50 55 60

Gly Ala Leu Leu Phe Asp Ser Gly Glu Thr Ala Glu Ala Thr Arg Leu
65 70 75 80

Lys Arg Thr Ala Arg Arg Arg Tyr Thr Arg Arg Lys Asn Arg Ile Cys
85 90 95

Tyr Leu Gln Glu Ile Phe Ser Asn Glu Met Ala Lys Val Asp Asp Ser
100 105 110

Phe Phe His Arg Leu Glu Glu Ser Phe Leu Val Glu Glu Asp Lys Lys

```
        115                 120                 125

His Glu Arg His Pro Ile Phe Gly Asn Ile Val Asp Glu Val Ala Tyr
    130                 135                 140

His Glu Lys Tyr Pro Thr Ile Tyr His Leu Arg Lys Lys Leu Val Asp
145                 150                 155                 160

Ser Thr Asp Lys Ala Asp Leu Arg Leu Ile Tyr Leu Ala Leu Ala His
                165                 170                 175

Met Ile Lys Phe Arg Gly His Phe Leu Ile Glu Gly Asp Leu Asn Pro
            180                 185                 190

Asp Asn Ser Asp Val Asp Lys Leu Phe Ile Gln Leu Val Gln Thr Tyr
        195                 200                 205

Asn Gln Leu Phe Glu Glu Asn Pro Ile Asn Ala Ser Gly Val Asp Ala
    210                 215                 220

Lys Ala Ile Leu Ser Ala Arg Leu Ser Lys Ser Arg Arg Leu Glu Asn
225                 230                 235                 240

Leu Ile Ala Gln Leu Pro Gly Glu Lys Lys Asn Gly Leu Phe Gly Asn
                245                 250                 255

Leu Ile Ala Leu Ser Leu Gly Leu Thr Pro Asn Phe Lys Ser Asn Phe
            260                 265                 270

Asp Leu Ala Glu Asp Ala Lys Leu Gln Leu Ser Lys Asp Thr Tyr Asp
        275                 280                 285

Asp Asp Leu Asp Asn Leu Leu Ala Gln Ile Gly Asp Gln Tyr Ala Asp
    290                 295                 300

Leu Phe Leu Ala Ala Lys Asn Leu Ser Asp Ala Ile Leu Leu Ser Asp
305                 310                 315                 320

Ile Leu Arg Val Asn Thr Glu Ile Thr Lys Ala Pro Leu Ser Ala Ser
                325                 330                 335
```

```
Met Ile Lys Arg Tyr Asp Glu His His Gln Asp Leu Thr Leu Leu Lys
            340                 345                 350

Ala Leu Val Arg Gln Gln Leu Pro Glu Lys Tyr Lys Glu Ile Phe Phe
        355                 360                 365

Asp Gln Ser Lys Asn Gly Tyr Ala Gly Tyr Ile Asp Gly Gly Ala Ser
    370                 375                 380

Gln Glu Glu Phe Tyr Lys Phe Ile Lys Pro Ile Leu Glu Lys Met Asp
385                 390                 395                 400

Gly Thr Glu Glu Leu Leu Val Lys Leu Asn Arg Glu Asp Leu Leu Arg
                405                 410                 415

Lys Gln Arg Thr Phe Asp Asn Gly Ser Ile Pro His Gln Ile His Leu
            420                 425                 430

Gly Glu Leu His Ala Ile Leu Arg Arg Gln Glu Asp Phe Tyr Pro Phe
        435                 440                 445

Leu Lys Asp Asn Arg Glu Lys Ile Glu Lys Ile Leu Thr Phe Arg Ile
    450                 455                 460

Pro Tyr Tyr Val Gly Pro Leu Ala Arg Gly Asn Ser Arg Phe Ala Trp
465                 470                 475                 480

Met Thr Arg Lys Ser Glu Glu Thr Ile Thr Pro Trp Asn Phe Glu Glu
                485                 490                 495

Val Val Asp Lys Gly Ala Ser Ala Gln Ser Phe Ile Glu Arg Met Thr
            500                 505                 510

Asn Phe Asp Lys Asn Leu Pro Asn Glu Lys Val Leu Pro Lys His Ser
        515                 520                 525

Leu Leu Tyr Glu Tyr Phe Thr Val Tyr Asn Glu Leu Thr Lys Val Lys
    530                 535                 540

Tyr Val Thr Glu Gly Met Arg Lys Pro Ala Phe Leu Ser Gly Glu Gln
545                 550                 555                 560
```

```
Lys Lys Ala Ile Val Asp Leu Leu Phe Lys Thr Asn Arg Lys Val Thr
                565                 570                 575

Val Lys Gln Leu Lys Glu Asp Tyr Phe Lys Lys Ile Glu Cys Phe Asp
            580                 585                 590

Ser Val Glu Ile Ser Gly Val Glu Asp Arg Phe Asn Ala Ser Leu Gly
        595                 600                 605

Thr Tyr His Asp Leu Leu Lys Ile Ile Lys Asp Lys Asp Phe Leu Asp
    610                 615                 620

Asn Glu Glu Asn Glu Asp Ile Leu Glu Asp Ile Val Leu Thr Leu Thr
625                 630                 635                 640

Leu Phe Glu Asp Arg Glu Met Ile Glu Glu Arg Leu Lys Thr Tyr Ala
                645                 650                 655

His Leu Phe Asp Asp Lys Val Met Lys Gln Leu Lys Arg Arg Arg Tyr
            660                 665                 670

Thr Gly Trp Gly Arg Leu Ser Arg Lys Leu Ile Asn Gly Ile Arg Asp
        675                 680                 685

Lys Gln Ser Gly Lys Thr Ile Leu Asp Phe Leu Lys Ser Asp Gly Phe
    690                 695                 700

Ala Asn Arg Asn Phe Met Gln Leu Ile His Asp Asp Ser Leu Thr Phe
705                 710                 715                 720

Lys Glu Asp Ile Gln Lys Ala Gln Val Ser Gly Gln Gly Asp Ser Leu
                725                 730                 735

His Glu His Ile Ala Asn Leu Ala Gly Ser Pro Ala Ile Lys Lys Gly
            740                 745                 750

Ile Leu Gln Thr Val Lys Val Val Asp Glu Leu Val Lys Val Met Gly
        755                 760                 765

Arg His Lys Pro Glu Asn Ile Val Ile Glu Met Ala Arg Glu Asn Gln
    770                 775                 780
```

```
Thr Thr Gln Lys Gly Gln Lys Asn Ser Arg Glu Arg Met Lys Arg Ile
785                 790                 795                 800


Glu Glu Gly Ile Lys Glu Leu Gly Ser Gln Ile Leu Lys Glu His Pro
                805                 810                 815


Val Glu Asn Thr Gln Leu Gln Asn Glu Lys Leu Tyr Leu Tyr Tyr Leu
            820                 825                 830


Gln Asn Gly Arg Asp Met Tyr Val Asp Gln Glu Leu Asp Ile Asn Arg
        835                 840                 845


Leu Ser Asp Tyr Asp Val Asp His Ile Val Pro Gln Ser Phe Leu Lys
    850                 855                 860


Asp Asp Ser Ile Asp Asn Lys Val Leu Thr Arg Ser Asp Lys Asn Arg
865                 870                 875                 880


Gly Lys Ser Asp Asn Val Pro Ser Glu Glu Val Val Lys Lys Met Lys
                885                 890                 895


Asn Tyr Trp Arg Gln Leu Leu Asn Ala Lys Leu Ile Thr Gln Arg Lys
            900                 905                 910


Phe Asp Asn Leu Thr Lys Ala Glu Arg Gly Gly Leu Ser Glu Leu Asp
        915                 920                 925


Lys Ala Gly Phe Ile Lys Arg Gln Leu Val Glu Thr Arg Gln Ile Thr
    930                 935                 940


Lys His Val Ala Gln Ile Leu Asp Ser Arg Met Asn Thr Lys Tyr Asp
945                 950                 955                 960


Glu Asn Asp Lys Leu Ile Arg Glu Val Lys Val Ile Thr Leu Lys Ser
                965                 970                 975


Lys Leu Val Ser Asp Phe Arg Lys Asp Phe Gln Phe Tyr Lys Val Arg
            980                 985                 990


Glu Ile Asn Asn Tyr His His Ala  His Asp Ala Tyr Leu  Asn Ala Val
```

995 1000 1005

Val Gly Thr Ala Leu Ile Lys Lys Tyr Pro Lys Leu Glu Ser Glu
1010 1015 1020

Phe Val Tyr Gly Asp Tyr Lys Val Tyr Asp Val Arg Lys Met Ile
1025 1030 1035

Ala Lys Ser Glu Gln Glu Ile Gly Lys Ala Thr Ala Lys Tyr Phe
1040 1045 1050

Phe Tyr Ser Asn Ile Met Asn Phe Phe Lys Thr Glu Ile Thr Leu
1055 1060 1065

Ala Asn Gly Glu Ile Arg Lys Arg Pro Leu Ile Glu Thr Asn Gly
1070 1075 1080

Glu Thr Gly Glu Ile Val Trp Asp Lys Gly Arg Asp Phe Ala Thr
1085 1090 1095

Val Arg Lys Val Leu Ser Met Pro Gln Val Asn Ile Val Lys Lys
1100 1105 1110

Thr Glu Val Gln Thr Gly Gly Phe Ser Lys Glu Ser Ile Leu Pro
1115 1120 1125

Lys Arg Asn Ser Asp Lys Leu Ile Ala Arg Lys Lys Asp Trp Asp
1130 1135 1140

Pro Lys Lys Tyr Gly Gly Phe Asp Ser Pro Thr Val Ala Tyr Ser
1145 1150 1155

Val Leu Val Val Ala Lys Val Glu Lys Gly Lys Ser Lys Lys Leu
1160 1165 1170

Lys Ser Val Lys Glu Leu Leu Gly Ile Thr Ile Met Glu Arg Ser
1175 1180 1185

Ser Phe Glu Lys Asn Pro Ile Asp Phe Leu Glu Ala Lys Gly Tyr
1190 1195 1200

```
Lys Glu  Val Lys Lys Asp Leu  Ile Ile Lys Leu Pro  Lys Tyr Ser
    1205                 1210                 1215

Leu Phe  Glu Leu Glu Asn Gly  Arg Lys Arg Met Leu  Ala Ser Ala
    1220                 1225                 1230

Gly Glu  Leu Gln Lys Gly Asn  Glu Leu Ala Leu Pro  Ser Lys Tyr
    1235                 1240                 1245

Val Asn  Phe Leu Tyr Leu Ala  Ser His Tyr Glu Lys  Leu Lys Gly
    1250                 1255                 1260

Ser Pro  Glu Asp Asn Glu Gln  Lys Gln Leu Phe Val  Glu Gln His
    1265                 1270                 1275

Lys His  Tyr Leu Asp Glu Ile  Ile Glu Gln Ile Ser  Glu Phe Ser
    1280                 1285                 1290

Lys Arg  Val Ile Leu Ala Asp  Ala Asn Leu Asp Lys  Val Leu Ser
    1295                 1300                 1305

Ala Tyr  Asn Lys His Arg Asp  Lys Pro Ile Arg Glu  Gln Ala Glu
    1310                 1315                 1320

Asn Ile  Ile His Leu Phe Thr  Leu Thr Asn Leu Gly  Ala Pro Ala
    1325                 1330                 1335

Ala Phe  Lys Tyr Phe Asp Thr  Thr Ile Asp Arg Lys  Arg Tyr Thr
    1340                 1345                 1350

Ser Thr  Lys Glu Val Leu Asp  Ala Thr Leu Ile His  Gln Ser Ile
    1355                 1360                 1365

Thr Gly  Leu Tyr Glu Thr Arg  Ile Asp Leu Ser Gln  Leu Gly Gly
    1370                 1375                 1380

Asp Ser  Gly Gly Lys Arg Pro  Ala Ala Thr Lys Lys  Ala Gly Gln
    1385                 1390                 1395

Ala Lys  Lys Lys Lys Gly Ser  Tyr Pro Tyr Asp Val  Pro Asp Tyr
    1400                 1405                 1410
```

Ala

<210> 6247
<211> 4925
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6247
ctagaactac tgcacgatcc aggatatcaa tagttaagaa actaagacat tggttcactt 60

gctcaactta accaaaacac cacagacggg cttgcatatg acaacagttc tagaggatca 120

aatgtccctg atcaaatgcc ctagcaggtt ctgtgtctga tgagggctgc tggttcatgg 180

gtggtgcttt ttctcagtgt ccttacaggt ggaaggtatc cagctttctt ggaccttata 240

ttaaagcacg cattccattg atgtgagtag atagcttagt cagagcccca aagtgattta 300

agcacctcca aaaccctccg tctccggatg ctcccccatt ggtgaacaga tttcaacata 360

gcaattgagc aggaggaaag gaagccaaat tatttgatca cagccagtac tttggtgaac 420

acccaaaccc agcatggagc tgaatatctg taatctcagt atccagcagg tggatattgg 480

ggaattaaga cttcaaggcc agacttggct acatagtaag tttgatgcca tcctgggcta 540

tatgagatcc tgtttccaaa acccccaaat agaaacaata aaaaaatggc agtccttcat 600

gttcactgct accctagaag gtcagttttg cttgtaacag atgactaaca gaggaacaag 660

gtcccggaag agctaccagt atgctggctg ccaatgaagc tgctgaagtc ttagtagatt 720

taggagctat ggtcctgact tccatcacag ccccagcacc accatgggca ctgcccagca 780

gtctatcttc ttttaggtct tcaggtgtcc ctgggtagag aacaaggctt ctgcttgcat 840

agggctgatg ccccagtaca gtgacagtct cacaatgagt gcagcaatgt ggccacagaa 900

cggggaaatg tgtgttcttt aactagtagc ttttataatc atgataaaaa gataagtgtc 960

tactctcaag ctgaaagctt ttcacaggca tctgattctc ttgctaaatg acaaagtggt 1020

tagaggaggg acctacagct ttcattgtct acactcaggt ttcttttgag aattttacag 1080

taggtatgta ttgttttcta gtcaacacag aaataaaagg atttgttttg ttgaaaagaa 1140

gtgggggttt tggtactgat gaggggaaat tgatttatgt tacttattca ttctcaggtt 1200

catggctgag actccttatg acaaatgata gattaataaa agcatgcaaa tgctggagct 1260

ctgctggcgg agtacctgat atgcaaggat gaagatctct gttcaatccc cagaaatcaa 1320

ataaaaaagc tgggcatagt gaggaagagg agatgggagg attcctgtgg ctggctggac 1380

agctaaccta gcctattcat ctatttccag gccactaagg gatggtacct taaaaaataa 1440

caataataat aaaaaataac aataataata aataaaaaag gtagctggtt cctgaggagc 1500

atctaaggat atcctttaac tccacgtgca catacactgt atacacagga acacatacaa 1560

gcatgcagat ttacctatca agttttacca aaaaaaaaaa aaaaaaaaaa aaagaacact 1620

ttattcactg ttggtgggta tgtaaactgg catatgtagc cactatgaaa atcagcacag 1680

aggttccctt cccactccaa caaaacaaaa caaaacaaaa caaaacaaaa caaaacaaaa 1740

caaaacaaaa ccctctagaa ctagaactag aactactgca cgactataat gatgatcttg 1800

ttctttctgt ttaattttac tgtccctagc ttcttagcat ctgcggatgt ttttcctggc 1860

agatatttac tcaccatgac ttcttccaga aggggtgttg gtagctttca tgtgactatt 1920

tctatttcac ttttccatgt aacgagtgat gctgttggat ttctctttca ttaattagat 1980

tttttctgtc tcatcctttt gctttagcca cattgggatt atcgtctacc gaggatgaag 2040

gcgaggaccc ctggtaccaa aaagcatgca agtgcgattg ccaaggagga cccaatgctc 2100

tgtggtctgc aggtgccacc tccttggact gtataccaga atgcccatat cacaagcctc 2160

tgggtttcga gtcaggggag gtcacaccgg accagatcac ctgctctaac ccggagcagt 2220

atgtgggctg gtattcttcg tggactgcaa acaaggcccg gctcaacagt caaggctttg 2280

ggtgtgcctg gctctccaag ttccaggaca gtagccagtg gttacagata gatctgaagg 2340

agatcaaagt gatttcaggg atcctcaccc aggggcgctg tgacatcgat gagtggatga 2400

ccaagtacag cgtgcagtac aggaccgatg agcgcctgaa ctggatttac tacaaggacc 2460

agactggaaa caaccgggtc ttctatggca actcggaccg cacctccacg gttcagaacc 2520

tgctgcggcc ccccatcatc tcccgcttca tccgcctcat cccgctgggc tggcacgtcc 2580

gcattgccat ccggatggag ctgctggagt gcgtcagcaa gtgtgcctga cagacatgat 2640

aagatacatt gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat 2700

ttgtgaaatt tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt 2760

taacaacaac aattgcattc attttatgtt tcaggttcag ggggaggtgt gggaggtttt 2820

ttaaagcaag taaaacctct acaaatgtgg tagagggcct atttcccatg attccttcat 2880

atttgcatat acgatacaag gctgttagag agataattgg aattaatttg actgtaaaca 2940

caaagatatt agtacaaaat acgtgacgta gaaagtaata atttcttggg tagtttgcag 3000

ttttaaaatt atgttttaaa atggactatc atatgcttac cgtaacttga aagtatttcg 3060

atttcttggc tttatatatc ttgtggaaag gacgaaacac cgctagaact actgcacgat 3120

ccagggtttt agagctagaa atagcaagtt aaaataaggc tagtccgtta tcaacttgaa 3180

aaagtggcac cgagtcggtg ctttttttt ccaggtttac cactcctagg tatttactca 3240

aaggactcta tacgtcaacc tgtgacagag gcatcatata caagcaggga gtggtggcac 3300

ctgcctttaa tcccacccct caggaggcag agtcaggtag atctctgtga gttcgaggcc 3360

agtttggtct acatagtgag ttctagtaca gccataagac catatagcca tatggagggg 3420

ggattgtgag catagagtat gaatgttctt gagagaatta ttaaatgaat tggaattatt 3480

atacactgtc ttctttcata ggaaaaatga acagaaaggg agagatcttt gggtggggct 3540

aacagcatac atgacatgaa agcagaaggg gattagttat tggaaggcag ggagggaccc 3600

aggaggatga agggaagaga atgcaaggga aaggagtaaa ggaggaggag gtagaggtac 3660

acactattaa ttccagcact tgtgaggagg ggacagagct ctgtgagttc aaggtcagcc 3720

ccctctgcat agtcagttcc aggatagcca atggctacat aatgagaccc tgtgtcagag 3780

aaggtggccg gcgagggata ttgatgctta cagtttactt tagccaccac acagctgaat 3840

gagttaaacc tgttcctgct acttttgcac tttcaatgct cccagattac ttacatggaa 3900

tttatatttt attgtggttt aatagctcct gtacatcata gacaaacctc aagaaaaatt 3960

ttcaaccaat agtccaggca aaaataacct ctttttcttt ctttctttct ttctttttt 4020

ttttttttt ttggtttttt gaaacagggt ttctctgtat agccctggct gtcctggaac 4080

tcactttgta caccaggctg gcctcgaact cagaaatcca cctgcctctg cctcccgagt 4140

gctcggatta aaggcgtgca ccaccaccgt cccgcaaaaa ataacctgtt tttgttgttt 4200

taattatttt taagatttta tgtgtatggg tgtctgtctg tatgtatgtc tgtgtaccac 4260

ttgtatgctt ggtgcccaag aaggacagaa cagatcatag ggtttcctgg gataagagtt 4320

ataggagtta tagatgactg taagccacca agtggacgct gggaattgaa ccttggttag 4380

ctggaagagt gtccagtatt tttaattcca gtccccgttg tttgtctatg aagattttgc 4440

ttggtagtcc agtctggctt taagaaacag ggtctcatgc atccctggct tgctcagact 4500

tccatgcagc tgaggatggc tttagagtaa caaccctcct gccttttcct cgtagagtgc 4560

tgagattaca gtcctgtgcc accagcagac ttctcctaac aagaatgtgg cacagggagg 4620

caactgggaa tcaaacagga aggaggagta aaaggaaggg gaggaaggag aggagaagtg 4680

gcaggaggag aagaaaaagg aggcggagaa aaggtggtag tggtggagga agaggaggag 4740

gaggaggagg aggaggaggg ggacttaatc agtaaaggaa aaaggctgag ctcagtcctt 4800

ggaacctaca tggtaggaga gaatgagact tctgcaaagt ttcctctgat ccccacactg 4860

gagcaatggt gccatcacat cactctccca cttcacccaa ctcctggatc gtgcagtagt 4920

tctag 4925

<210> 6248
<211> 5034
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6248
ctagaactac tgcacgatcc aggaggcatc tgattctctt gctaaatgac aaagtggtta 60

gaggagggac ctacagcttt cattgtctac actcaggttt cttttgagaa ttttacagta 120

ggtatgtatt gttttctagt caacacagaa ataaaaggat ttgttttgtt gaaaagaagt 180

gggggttttg gtactgatga ggggaaattg atttatgtta cttattcatt ctcaggttca 240

tggctgagac tccttatgac aaatgataga ttaataaaag catgcaaatg ctggagctct 300

gctggcggag tacctgatat gcaaggatga agatctctgt tcaatcccca gaaatcaaat 360

aaaaaagctg ggcatagtga ggaagaggag atgggaggat tcctgtggct ggctggacag 420

ctaacctagc ctattcatct atttccaggc cactaaggga tggtacctta aaaaataaca 480

ataataataa aaaataacaa taataataaa taaaaaaggt agctggttcc tgaggagcat 540

ctaaggatat cctttaactc cacgtgcaca tacactgtat acacaggaac acatacaagc 600

atgcagattt acctatcaag ttttaccaaa aaaaaaaaaa aaaaaaaaaa agaacacttt 660

attcactgtt ggtgggtatg taaactggca tatgtagcca ctatgaaaat cagcacagag 720

gttcccttcc cactccaaca aaacaaaaca aaacaaaaca aaacaaaaca aaacaaaaca 780

aaacaaaacc ctctagaact agaactagaa ctactgcacg actataatga tgatcttgtt 840

ctttctgttt aattttactg tccctagctt cttagcatct gcggatgttt ttcctggcag 900

atatttactc accatgactt cttccagaag gggtgttggt agctttcatg tgactatttc 960

tatttcactt ttccatgtaa cgagtgatgc tgttggattt ctctttcatt aattagattt 1020

tttctgtctc atccttttgc tttagccaca ttgggattat cgtctaccga ggatgaaggc 1080

gaggacccct ggtaccaaaa agcatgcaag tgcgattgcc aaggaggacc caatgctctg 1140

tggtctgcag gtgccacctc cttggactgt ataccagaat gcccatatca caagcctctg 1200

ggtttcgagt caggggaggt cacaccggac cagatcacct gctctaaccc ggagcagtat 1260

gtgggctggt attcttcgtg gactgcaaac aaggcccggc tcaacagtca aggctttggg 1320

tgtgcctggc tctccaagtt ccaggacagt agccagtggt tacagataga tctgaaggag 1380

atcaaagtga tttcagggat cctcacccag gggcgctgtg acatcgatga gtggatgacc 1440

aagtacagcg tgcagtacag gaccgatgag cgcctgaact ggatttacta caaggaccag 1500

actggaaaca accgggtctt ctatggcaac tcggaccgca cctccacggt tcagaacctg 1560

ctgcggcccc ccatcatctc ccgcttcatc cgcctcatcc cgctgggctg gcacgtccgc 1620

attgccatcc ggatggagct gctggagtgc gtcagcaagt gtgcctgatg cctgcctcag 1680

ctcggcgcct gccagggggt gactggcaca gagcgggccg taggggaccc cctcacacac 1740

caccgagatg gacagggcta tatttcgcaa agcaattgta actgcagtgc tgggtagata 1800

atttttttt ttttaagata tagctttctg atttcaatga aataaaaatg aacttattcc 1860

ccactcaggg ccagagaaag tcagaacaaa gaaaatgtcc ccgaaacgaa ttttcttaca 1920

aaagcctaag tagcaggggt aattttctgc tcatttttg tctcagtgat actgtgaaag 1980

gtgcagtctc aggggaacac aaagcagccc tgataatttg aaaattcatt tgctttacca 2040

cattcaagac agaaacatac agtttcctaa agcctggctt tgaatgcaga agggagcagc 2100

tcctcctagt taagtttcca ctaaatcatc gccaaagagg acttcagagc cctggggagg 2160

cagctgaggg tctcaagggt gactgggtgg cagggatgag tgcggtgggt gagaatcccg 2220

gtgccctgag aggctatacg tgacaaatga ccaaaagccc aaggtagggg agtttcctct 2280

gctcacagtt cttaccttca aggcggatct gggcttccac cctcatgaac acagggattg 2340

gggagggacc agagcgccca atacacacag ctccattatg caatccattc cagcaaattc 2400

cccgtgtctg tggtcaccat ttaggtgatc atacaggaca ggctgcacat ctcagtatat 2460

gtagggaccc caaatgacca caacacagta caattgccct ttacctaggg ctaccatttc 2520

ctagcaaacc aaacatagtt cgagaacagc tggcccagga gctaccactg gctactcaga 2580

ggaggctcat tagctggcta catgcttcgc aggaagtggg aaggactcac atcataaaaa 2640

ggaccatgta gctttttccc tgaaagcttc tcaccctcca ccctctgcct tgcaatacgc 2700

aaactgcgcc tgctcctgaa aagctctctg ggaaggaatg ggcctggctt tccgttcctg 2760

gaggcggcgc cttagattgg gaggcctcat tggccactta gagcgcagcc tgagtttcca 2820

ggccccttcc tgggagaggc tgttaacacg ggggaggggc aggagaggga tatggagagc 2880

aggtggtgga atcagaggac gaggctgctc taaagactgt tctggcccca gacacagggt 2940

agtctttgct agcagctcat ttccgagtta cttttcattt tcaaatgcca aggcaagtga 3000

ctagactcgc gctaatacag tgctggacaa cacattcacc ttttctgtga acaggcagcc 3060

ttctaaaagc cccaaacatc cttcttgatg ctttgggggc tcaattattt tatatccaac 3120

ccagcatctt tctagtccct atgctgtatg cttgaacttc ggaaaatgct tttccccgcc 3180

caatcttctc tcaaatataa acacatcaca cagggtgttg ggggtggggg gggggggtgg 3240

ggggacttat ccctggcctt aggacacagg acaaatctat tttggataga aatgcctgaa 3300

cagagaccct tatttggaaa ggtgaattaa ctttggtcac gacatggact gtcagacaaa 3360

atggcagtat cctaagagtt aaggcacatc aaacacagga gtcgagagag tgcagttcag 3420

ggaaaaagga gaggaggaaa cagtgaggca gggagaaagg ctttccaaat aagagttcat 3480

gttggaaact tttgtcacgg ctttattgag attaagttca catacaattt gtatccattt 3540

aaagtataca atttgatgac ttttggtata ttcagagttg tgcaaccatt atcactagat 3600

caattttaga aagtttatca ccccaaagag aaatcctgca cccatcagcc aacactcccc 3660

aacccatcgg ccaccccaag ccctctgcaa ccacgaatcg actgtctctg tagattggcc 3720

ttctggacgt tctacataaa tgaaatcata tagtatgtgg tagagggcct atttcccatg 3780

attccttcat atttgcatat acgatacaag gctgttagag agataattgg aattaatttg 3840

actgtaaaca caaagatatt agtacaaaat acgtgacgta gaaagtaata atttcttggg 3900

tagtttgcag ttttaaaatt atgttttaaa atggactatc atatgcttac cgtaacttga 3960

aagtatttcg atttcttggc tttatatatc ttgtggaaag gacgaaacac cgctagaact 4020

actgcacgat ccagggtttt agagctagaa atagcaagtt aaaataaggc tagtccgtta 4080

tcaacttgaa aaagtggcac cgagtcggtg ctttttttt ccaggtttac cactcctagg 4140

tatttactca aaggactcta tacgtcaacc tgtgacagag gcatcatata caagcaggga 4200

gtggtggcac ctgcctttaa tcccacccct caggaggcag agtcaggtag atctctgtga 4260

gttcgaggcc agtttggtct acatagtgag ttctagtaca gccataagac catatagcca 4320

tatggagggg ggattgtgag catagagtat gaatgttctt gagagaatta ttaaatgaat 4380

tggaattatt atacactgtc ttctttcata ggaaaaatga acagaaaggg agagatcttt 4440

gggtggggct aacagcatac atgacatgaa agcagaaggg gattagttat tggaaggcag 4500

ggagggaccc aggaggatga agggaagaga atgcaaggga aaggagtaaa ggaggaggag 4560

gtagaggtac acactattaa ttccagcact tgtgaggagg ggacagagct ctgtgagttc 4620

aaggtcagcc ccctctgcat agtcagttcc aggatagcca atggctacat aatgagaccc 4680

tgtgtcagag aaggtggccg gcgagggata ttgatgctta cagtttactt tagccaccac 4740

acagctgaat gagttaaacc tgttcctgct acttttgcac tttcaatgct cccagattac 4800

ttacatggaa tttatatttt attgtggttt aatagctcct gtacatcata gacaaacctc 4860

aagaaaaatt ttcaaccaat agtccaggca aaaataacct ctttttcttt ctttctttct 4920

ttctttttt ttttttttt ttggtttttt gaaacagggt ttctctgtat agccctggct 4980

gtcctggaac tcactttgta caccaggctg gcctggatcg tgcagtagtt ctag 5034

<210> 6249
<211> 4296
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 6249
ctagaactac tgcacgatcc aggaagagga gatgggagga ttcctgtggc tggctggaca 60

gctaacctag cctattcatc tatttccagg ccactaaggg atggtacctt aaaaaataac 120

aataataata aaaaataaca ataataataa ataaaaaagg tagctggttc ctgaggagca 180

tctaaggata tcctttaact ccacgtgcac atacactgta tacacaggaa cacatacaag 240

catgcagatt tacctatcaa gttttaccaa aaaaaaaaaa aaaaaaaaaa aagaacactt 300

tattcactgt tggtgggtat gtaaactggc atatgtagcc actatgaaaa tcagcacaga 360

ggttcccttc ccactccaac aaaacaaaac aaaacaaaac aaaacaaaac aaaacaaaac 420

aaaacaaaac cctctagaac tagaactaga actactgcac gactataatg atgatcttgt 480

tctttctgtt taattttact gtccctagct tcttagcatc tgcggatgtt tttcctggca 540

gatatttact caccatgact tcttccagaa ggggtgttgg tagctttcat gtgactattt 600

ctatttcact tttccatgta acgagtgatg ctgttggatt tctctttcat taattagatt 660

ttttctgtct catccttttg ctttagccac attgggatta tcgtctaccg aggatgaagg 720

cgaggacccc tggtaccaaa aagcatgcaa gtgcgattgc caaggaggac ccaatgctct 780

gtggtctgca ggtgccacct ccttggactg tataccagaa tgcccatatc acaagcctct 840

gggtttcgag tcaggggagg tcacaccgga ccagatcacc tgctctaacc cggagcagta 900

tgtgggctgg tattcttcgt ggactgcaaa caaggcccgg ctcaacagtc aaggctttgg 960

gtgtgcctgg ctctccaagt tccaggacag tagccagtgg ttacagatag atctgaagga 1020

gatcaaagtg atttcaggga tcctcaccca ggggcgctgt gacatcgatg agtggatgac 1080

caagtacagc gtgcagtaca ggaccgatga gcgcctgaac tggatttact acaaggacca 1140

gactggaaac aaccgggtct tctatggcaa ctcggaccgc acctccacgg ttcagaacct 1200

gctgcggccc cccatcatct cccgcttcat ccgcctcatc ccgctgggct ggcacgtccg 1260

cattgccatc cggatggagc tgctggagtg cgtcagcaag tgtgcctgat gcctgcctca 1320

gctcggcgcc tgccaggggg tgactggcac agagcgggcc gtaggggacc ccctcacaca 1380

ccaccgagat ggacagggct atatttcgca aagcaattgt aactgcagtg ctgggtagat 1440

aatttttttt tttttaagat atagctttct gatttcaatg aaataaaaat gaacttattc 1500

cccactcagg gccagagaaa gtcagaacaa agaaaatgtc cccgaaacga attttcttac 1560

aaaagcctaa gtagcagggg taattttctg ctcatttttt gtctcagtga tactgtgaaa 1620

ggtgcagtct caggggaaca caaagcagcc ctgataattt gaaaattcat ttgctttacc 1680

acattcaaga cagaaacata cagtttccta aagcctggct ttgaatgcag aagggagcag 1740

ctcctcctag ttaagtttcc actaaatcat cgccaaagag gacttcagag ccctggggag 1800

gcagctgagg gtctcaaggg tgactgggtg gcagggatga gtgcggtggg tgagaatccc 1860

ggtgccctga gaggctatac gtgacaaatg accaaaagcc caaggtaggg gagtttcctc 1920

tgctcacagt tcttaccttc aaggcggatc tgggcttcca ccctcatgaa cacagggatt 1980

ggggagggac cagagcgccc aatacacaca gctccattat gcaatccatt ccagcaaatt 2040

ccccgtgtct gtggtcacca tttaggtgat catacaggac aggctgcaca tctcagtata 2100

tgtagggacc ccaaatgacc acaacacagt acaattgccc tttacctagg gctaccattt 2160

cctagcaaac caaacatagt tcgagaacag ctggcccagg agctaccact ggctactcag 2220

aggaggctca ttagctggct acatgcttcg caggaagtgg gaaggactca catcataaaa 2280

aggaccatgt agctttttcc ctgaaagctt ctcaccctcc accctctgcc ttgcaatacg 2340

caaactgcgc ctgctcctga aaagctctct gggaaggaat gggcctggct ttccgttcct 2400

ggaggcggcg ccttagattg ggaggcctca ttggccactt agagcgcagc ctgagtttcc 2460

aggccccttc ctgggagagg ctgttaacac gggggagggg caggagaggg atatggagag 2520

caggtggtgg aatcagagga cgaggctgct ctaaagactg ttctggcccc agacacaggg 2580

tagtctttgc tagcagctca tttccgagtt acttttcatt ttcaaatgcc aaggcaagtg 2640

actagactcg cgctaataca gtgctggaca acacattcac cttttctgtg aacaggcagc 2700

cttctaaaag ccccaaacat ccttcttgat gctttggggg ctcaattatt ttatatccaa 2760

cccagcatct ttctagtccc tatgctgtat gcttgaactt cggaaaatgc ttttccccgc 2820

ccaatcttct ctcaaatata aacacatcac acagggtgtt gggggtgggg gggggggtg 2880

gggggactta tccctggcct taggacacag gacaaatcta ttttggatag aaatgcctga 2940

acagagaccc ttatttggaa aggtgaatta actttggtca cgacatggac tgtcagacaa 3000

aatggcagta tcctaagagt taaggcacat caaacacagg agtcgagaga gtgcagttca 3060

gggaaaaagg agaggaggaa acagtgaggc agggagaaag gctttccaaa taagagttca 3120

tgttggaaac ttttgtcacg gctttattga gattaagttc acatacaatt tgtatccatt 3180

taaagtatac aatttgatga cttttggtat attcagagtt gtgcaaccat tatcactaga 3240

tcaattttag aaagtttatc accccaaaga gaaatcctgc acccatcagc caacactccc 3300

caacccatcg gccaccccaa gccctctgca accacgaatc gactgtctct gtagattggc 3360

cttctggacg ttctacataa atgaaatcat atagtatgtg gtagagggcc tatttcccat 3420

gattccttca tatttgcata tacgatacaa ggctgttaga gagataattg gaattaattt 3480

gactgtaaac acaaagatat tagtacaaaa tacgtgacgt agaaagtaat aatttcttgg 3540

gtagtttgca gttttaaaat tatgttttaa aatggactat catatgctta ccgtaacttg 3600

aaagtatttc gatttcttgg ctttatatat cttgtggaaa ggacgaaaca ccgctagaac 3660

tactgcacga tccagggttt tagagctaga aatagcaagt taaaataagg ctagtccgtt 3720

atcaacttga aaaagtggca ccgagtcggt gctttttttt ttccaggttt accactccta 3780

ggtatttact caaaggactc tatacgtcaa cctgtgacag aggcatcata tacaagcagg 3840

gagtggtggc acctgccttt aatcccaccc ctcaggaggc agagtcaggt agatctctgt 3900

gagttcgagg ccagtttggt ctacatagtg agttctagta cagccataag accatatagc 3960

catatggagg ggggattgtg agcatagagt atgaatgttc ttgagagaat tattaaatga 4020

attggaatta ttatacactg tcttctttca taggaaaaat gaacagaaag ggagagatct 4080

ttgggtgggg ctaacagcat acatgacatg aaagcagaag gggattagtt attggaaggc 4140

agggagggac ccaggaggat gaagggaaga gaatgcaagg gaaaggagta aaggaggagg 4200

aggtagaggt acacactatt aattccagca cttgtgagga ggggacagag ctctgtgagt 4260

tcaaggtcag ccccctggat cgtgcagtag ttctag 4296