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<120> HEPATITIS D VIRUS (HDV) IRNA COMPOSITIONS AND METHODS OF USE THEREOF

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<210> 10
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<210> 11
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<210> 12
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<210> 14

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<210> 16
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<210> 17
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<220>
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<223> /note="Description of Artificial Sequence: Synthetic
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<210> 19
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<210> 21
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<210> 22
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<210> 23
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<210> 24
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<210> 25
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<210> 26
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<400> 26
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<210> 27
<211> 21
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<213> Artificial Sequence

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<400> 27

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<210> 28
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<213> Artificial Sequence

<220>
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<400> 28
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<210> 29
<211> 1678
<212> DNA
<213> Hepatitis delta virus

<400> 29
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agagacgagg ggggaccccc gagacgctgg agacgcccgg gaacaaggaa acagaacaag 180

gtacggtaga aaagagcgag cctcccgata cgagtttgcc aggacctatc aagtttggag 240

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gaaatcacct ccagaggacc ccttcagcga acagaagaga ctcccctcga taggagcaag 360

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<210> 30
<211> 1678
<212> DNA
<213> Hepatitis delta virus

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<210> 31

<211> 1683
<212> DNA
<213> Hepatitis delta virus

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caagaaggag gagatttccc gaaagctgga gactcgcgga atttcattca agaagaaggt 180

aacggagaaa ggagcgggcc tcccgatccg agtggtccac ggcgtatcaa gtttggagtc 240

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gaccacctcc agaggacccc ttcagcgaac agaagagctc cctcctccgg agagagaaga 360

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ggg 1683

<210> 32
<211> 1683
<212> DNA
<213> Hepatitis delta virus

<400> 32
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ggccccggac ggatcagatg gaggtcgact ccggacctgg gaagaggcct cacaagagcg 360

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cat 1683

<210> 33
<211> 1677
<212> DNA
<213> Hepatitis delta virus

<400> 33
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acaagataga ggagccccca cgacgctagc aaaccgtcgc gcactgggag aggagtgggc 180

ggaagataga aacggagacc ccggtccgaa tgccaatcgg cagcaaactc ctctggagtc 240

ctccgggccg aaaggagaaa actaccggcg gagggtgatc cacccggagt tgaacggaca 300

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<210> 34
<211> 1677
<212> DNA
<213> Hepatitis delta virus

<400> 34
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ggcaggaaac catggaggtt gattccggac ctgggaggaa acccaaggcc agggggttca 360

ccgaccagga gaggcgggac cacagaagaa ggaaggccct ggagaacaag aagaagcaac 420

tggccggagg gggaaagcac ctcagccaag aggaagaaga ggaactccgg aggctggcca 480

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<210> 35
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<212> DNA
<213> Hepatitis delta virus

<400> 35
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gaggtgagga gggatccccg agacgctgga ggaacgccgg gaaaaagaaa agaaggcaag 180

agattggtag aaaagagcga gcctcccgat acgagtttgc caggacctat caagtttgga 240

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<400> 37

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<212> DNA
<213> Hepatitis delta virus

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<211> 1683
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<213> Hepatitis delta virus

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<210> 41
<211> 1672
<212> DNA
<213> Hepatitis delta virus

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<211> 1668
<212> DNA
<213> Hepatitis delta virus

<400> 42
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<211> 1681
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ggaaggtaga aaagagcgag cctcccgatc cgggattgcc ctgaacctat cgagtttgga 240

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aagacacctc cagaggaccc cttcagcgaa cagaagagtc tatccccaga tgagaggacc 360

gtagccgagg gggagatgct aggagtaggg agagaccgaa gcgaggagga aagyaaagaa 420

agcaacgggg ctagcaggag ggtgttccgc cccccggcgg ggccgagtga ggcttatccc 480

ggggaactcg gaccagtccc ggactgccgg ctccaggaat ccgttccaaa ggaccgaggg 540

taggacttgg agcaccgggg attccargca aacccatggt ggactccgtc ccccttctcc 600

acactccttc cccccgcggg ccccccccata aaatggagaa ccccactcta cagggtccgc 660

gccctccccc tttcttacct gtggccggca tggtcccagc ctcctcgctg gcgccggctg 720

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ggaacatcct cggaataata agaaagggga aggaagggga gggagctccc ccgtcgaaga 300

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(abasic 2'-OMe furanose)

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<210> 1757
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<400> 1757
uaugagaagg cacagacggg gag 23

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uaaaaaguug cauggugcug gug 23

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aaaaguugca uggugcuggu gcg 23

<210> 1761
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aggugaaaaa guugcauggu gcu 23

<210> 1762
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uaaggucggu cguugacauu gca 23

<210> 1763
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ucgacgugca gaggugaagc gaa 23

<210> 1764
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oligonucleotide"

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cuuugaagua ugccucaagg ucg 23

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<220>
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ugaaguaugc cucaaggucg guc 23

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uuugaaguau gccucaaggu cgg 23

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uucacggugg ucuccaugcg acg 23

<210> 1769
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uccaagaguc cucuuaugua aga 23

<210> 1770

<211> 23
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<220>
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oligonucleotide"

<400> 1770
uaagaguccu cuuauguaag acc 23

<210> 1771
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<400> 1771
uaaacaaaca gucuuugaag uau 23

<210> 1772
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oligonucleotide"

<400> 1772
aaacaaacag ucuuugaagu aug 23

<210> 1773
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oligonucleotide"

<400> 1773
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<210> 1775
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<210> 1776
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oligonucleotide"

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<210> 1777
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oligonucleotide"

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<210> 1778
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oligonucleotide"

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<210> 1779
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<400> 1779
uuuaaucuaa ucuccucccc caa 23

<210> 1780
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<400> 1780
cuuuaaucua aucuccuccc cca 23

<210> 1781
<211> 23
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<400> 1781
aaucuaaucu ccucccccaa cuc 23

<210> 1782
<211> 23
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oligonucleotide"

<400> 1782
uaaucuaauc uccucccccа acu 23

<210> 1783
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<220>
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oligonucleotide"

<400> 1783

ucuuuaaucu aaucuccucc ccc 23

<210> 1784
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oligonucleotide"

<400> 1784
uuacaaagac cuuuaaucua auc 23

<210> 1785
<211> 23
<212> RNA
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<220>
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oligonucleotide"

<400> 1785
aguacaaaga ccuuuaaucu aau 23

<210> 1786
<211> 23
<212> RNA
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<220>
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oligonucleotide"

<400> 1786
uacaaagacc uuuaaucuaa ucu 23

<210> 1787
<211> 23
<212> RNA

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oligonucleotide"

<400> 1787
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<210> 1788
<211> 23
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oligonucleotide"

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uugcagagag uccaagaguc cuc 23

<210> 1789
<211> 23
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<220>
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<400> 1789
uauugcagag aguccaagag ucc 23

<210> 1790
<211> 23
<212> RNA
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<220>
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<400> 1790
uaguacaaag accuuuaauc uaa 23

<210> 1791
<211> 19
<212> RNA
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<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1791
gucugugccu ucucaucua 19

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<212> RNA
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<220>
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oligonucleotide"

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gucugugccu ucucaucua 19

<210> 1793
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oligonucleotide"

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<211> 19
<212> RNA
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<220>
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oligonucleotide"

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gugugcacuu cgcuucaca 19

<210> 1795
<211> 21
<212> RNA
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<220>
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oligonucleotide"

<400> 1795
ugugcacuuc gcuucaccuc u 21

<210> 1796
<211> 21
<212> RNA
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<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1796
ugugcacuuc gcuucaccuc u 21

<210> 1797
<211> 21
<212> RNA
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<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1797
caccagcacc augcaacuuu u 21

<210> 1798
<211> 21
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<220>
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oligonucleotide"

<400> 1798
caccagcacc augcaacuuu u 21

<210> 1799
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1799
caccaugcaa cuuuuucacc u 21

<210> 1800
<211> 21
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<220>
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oligonucleotide"

<400> 1800
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<210> 1801
<211> 21
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<220>
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oligonucleotide"

<400> 1801
uagaugagaa ggcacagacu u 21

<210> 1802
<211> 21
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<220>
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oligonucleotide"

<400> 1802
uagaugagaa ggcacagacu u 21

<210> 1803
<211> 21
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<220>
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oligonucleotide"

<400> 1803
ugugaagcga agugcacacu u 21

<210> 1804
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1804
ugugaagcga agugcacacu u 21

<210> 1805
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1805
agaggugaag cgaagugcac auu 23

<210> 1806
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide"

<400> 1806
agaggugaag cgaagugcac auu 23

<210> 1807
<211> 23
<212> RNA
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<220>
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oligonucleotide"

<400> 1807

aaaaguugca uggugcuggu guu 23

<210> 1808
<211> 23
<212> RNA
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<220>
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oligonucleotide"

<400> 1808
aaaaguugca uggugcuggu guu 23

<210> 1809
<211> 23
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<220>
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oligonucleotide"

<400> 1809
aggugaaaaa guugcauggu guu 23

<210> 1810
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1810
aggugaaaaa guugcauggu guu 23

<210> 1811
<211> 19
<212> RNA

<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1811
gucugugccu ucucaucua 19

<210> 1812
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide"

<400> 1812
gucugugccu ucucaucua 19

<210> 1813
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide"

<400> 1813
gugugcacuu cgcuucaca 19

<210> 1814
<211> 19
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<220>
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oligonucleotide"

<400> 1814
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<210> 1815
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<220>
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<400> 1815
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<210> 1816
<211> 21
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<220>
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oligonucleotide"

<400> 1816
ugugcacuuc gcuucaccuc u 21

<210> 1817
<211> 21
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<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1817
caccagcacc augcaacuuu u 21

<210> 1818

<211> 21
<212> RNA
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<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1818
caccagcacc augcaacuuu u 21

<210> 1819
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1819
caccaugcaa cuuuuucacc u 21

<210> 1820
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1820
caccaugcaa cuuuuucacc u 21

<210> 1821
<211> 21
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<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1821
uagaugagaa ggcacagacu u 21

<210> 1822
<211> 21
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<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1822
uagaugagaa ggcacagacu u 21

<210> 1823
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
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<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1823
ugugaagcga agugcacacu u 21

<210> 1824
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1824
ugugaagcga agugcacacu u 21

<210> 1825
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1825
agaggugaag cgaagugcac auu 23

<210> 1826
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1826
agaggugaag cgaagugcac auu 23

<210> 1827
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1827
aaaaguugca uggugcuggu guu 23

<210> 1828
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1828
aaaaguugca uggugcuggu guu 23

<210> 1829
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide"

<400> 1829
aggugaaaaa guugcauggu guu 23

<210> 1830
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 1830
aggugaaaaa guugcauggu guu 23

<210> 1831
<211> 16
<212> PRT
<213> Unknown

<220>
<221> source
<223> /note="Description of Unknown:
RFGF peptide"

<400> 1831

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15

<210> 1832
<211> 11
<212> PRT
<213> Unknown

<220>
<221> source
<223> /note="Description of Unknown:
RFGF analogue peptide"

<400> 1832
Ala Ala Leu Leu Pro Val Leu Leu Ala Ala Pro
1 5 10

<210> 1833
<211> 13
<212> PRT
<213> Human immunodeficiency virus

<400> 1833
Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln
1 5 10

<210> 1834
<211> 16
<212> PRT
<213> Drosophila sp.

<400> 1834
Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 1835
<211> 1692
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
polynucleotide"

<400> 1835
gcgatcgcct cgaacttggg cggcgagtcc agcagtctcc tctttatcag aaaagagtaa 60

gagcactgag gactgccgcc tcttgtcgag atgagccggt ccgagttgaa gaagaagcgc 120

gatggaagag aagatattct cgagaagtgg gtgagtggaa gaaagaaagc ggaggaactc 180

gagagggatc tccggaagac aaagaagaag atcaagaaac ttgaggtcga aaatccctgg 240

ctgggaaaca tcaaaggaat tctcggaaag aaggacaggg atggagaggg ggctcccccg 300

gcgaagaggg cccggacgga ccagatggag atagactccg ggcctaggaa gaggcctctc 360

aggggaggat tcaccgacag ggagaggcag gatcaccgac gaaggaaggc cctcgagaac 420

aagaagaagc agctagccgc gggagggaag agcctgagca aggaggagga agaggaactc 480

ggaaggttga cccgggaaga cgaggaaagg aaaagaagag tagccggccc gcgggttggg 540

ggtgtgaacc ccctcgaagg cggatcgagg ggagcgcccg ggggcggctt cgtccccagc 600

atgcaaggag tcccggagtc ccccttcgct cggacggggg aggggctgga cataagagga 660

acccggggat tcccatagga tatactcttc ccatccgatc cacccttctc tccccagagt 720

tgtcgtcccc agtgaataaa gcgggtttcc actcacaggt tcaccgtctc gcgtccttct 780

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gaatctagag agatttgtgg gtcccattcg ccattaccga ggggacggtc ccctcggaat 960

gttgcccagc cggcgccagc gaggaggctg ggaccatgcc ggccatcagg taagaaagga 1020

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tcggaatcga gcatcgggaa gggcatccca tggctccact ggtccccggt gttcccagca 1140

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gccggagtgc tctccaaact tgggcgtcgg gcctttcgga tcgggggggc ccccccttct 1500

cttccatctg tcctctttcc ccttccgaga tgtctccagc gttatgggga aagcttccga 1560

ctcttgtatt ctcttttggc cttcttggga gacatctcct cggcgttcca atactcttta 1620

ccactttacc cctctcgggc actgatcctt cccccgcgga ctcttcgctc ggaattggcc 1680

catggcggcc gc 1692

<210> 1836
<211> 1692
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic polynucleotide"

<400> 1836
gcgatcgcca tgggccaatt ccgagcgaag agtccgcggg ggaaggatca gtgcccgaga 60

ggggtaaagt ggtaaagagt attggaacgc cgaggagatg tctcccaaga aggccaaaag 120

agaatacaag agtcggaagc tttccccata acgctggaga catctcggaa ggggaaagag 180

gacagatgga agagaagggg gggccccccc gatccgaaag gcccgacgcc caagtttgga 240

gagcactccg gccgaagggt tgagaacacc agagggagga acacactcgg agatgagcag 300

agaaatcacc tccagaggac cccttcagcg aacagaggcg cttcgagcgg taggagtaag 360

gccatagcga taggaggaga tgctaggagt agggggagac cgaagcgagg aggaaagcaa 420

agaaagcaac ggggctagcc ggtgggtgtt ccgccccccg agaggggacg agtgaggctt 480

atcccgggga actcgactta tcgtccccat ctagcgggac cccggacccc cttcgaaagt 540

gaccggaggg ggtgctggga acaccgggga ccagtggagc catgggatgc ccttcccgat 600

gctcgattcc gactcccccc ccaagggtcg cccaggaatg gcgggacccc actctgcagg 660

gtccgcgttc catcctttct tacctgatgg ccggcatggt cccagcctcc tcgctggcgc 720

cggctgggca acattccgag gggaccgtcc cctcggtaat ggcgaatggg acccacaaat 780

ctctctagat tccgatagag aatcgagaga aaagtggctc tcccttagcc atccgagtgg 840

acgtgcgtcc tccttcggat gcccaggtcg gaccgcgagg aggtggagat gccatgccga 900

cccgaagagg aaagaaggac gcgagacggt gaacctgtga gtggaaaccc gctttattca 960

ctggggacga caactctggg gagagaaggg tggatcggat gggaagagta tatcctatgg 1020

gaatccccgg gttcctctta tgtccagccc ctcccccgtc cgagcgaagg gggactccgg 1080

gactccttgc atgctgggga cgaagccgcc cccgggcgct cccctcgatc cgccttcgag 1140

ggggttcaca cccccaaccc gcgggccggc tactcttctt ttcctttcct cgtcttcccg 1200

ggtcaacctt ccgagttcct cttcctcctc cttgctcagg ctcttccctc ccgcggctag 1260

ctgcttcttc ttgttctcga gggccttcct tcgtcggtga tcctgcctct ccctgtcggt 1320

gaatcctccc ctgagaggcc tcttcctagg cccggagtct atctccatct ggtccgtccg 1380

ggccctcttc gccgggggag ccccctctcc atccctgtcc ttctttccga gaattccttt 1440

gatgtttccc agccagggat tttcgacctc aagtttcttg atcttcttct ttgtcttccg 1500

gagatccctc tcgagttcct ccgctttctt tcttccactc acccacttct cgagaatatc 1560

ttctcttcca tcgcgcttct tcttcaactc ggaccggctc atctcgacaa gaggcggcag 1620

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aacatcaaag gaattctcgg aaagaaggac agggatggcg gccgc 105

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<210> 1907
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agagtcggaa gctttcccca taacgctgga gacatctcgg aaggggaaag aggacagatg 180

gaagagaagg gggggccccc ccgatccgaa aggcccgacg cccaagtttg gagagcactc 240

cggccgaagg gttgagaaca ccagagggag gaacacactc ggagatgagc agagaaatca 300

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