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<120> LEUCINE-RICH REPEAT KINASE 2 (LRRK2) IRNA AGENT COMPOSITIONS AND METHODS OF USE THEREOF

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<210> 237
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<400> 237
ucaacccagg aaaccauucu ucc 23

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<210> 239
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<210> 862
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<210> 873
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<210> 875
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<210> 876
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<210> 877
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<210> 881
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<210> 882
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<210> 885
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<210> 888
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<210> 1040
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<220>
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<210> 1045
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<210> 1046
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<210> 1049
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<210> 1052
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<210> 1053
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<210> 1054
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<220>
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<210> 1055
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<210> 1056
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<210> 1057

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<210> 1058
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<210> 1059
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<210> 1061
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<210> 1062
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<210> 1063
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<210> 1064
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<210> 1067
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<210> 1071
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<210> 1075
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<210> 1076
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<210> 1078
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<210> 1080
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<210> 1081
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<210> 1082
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oligonucleotide

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<210> 1083
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oligonucleotide

<400> 1083
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<210> 1084
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<210> 1085
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oligonucleotide

<400> 1085
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<210> 1086
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oligonucleotide

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<210> 1087
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oligonucleotide

<400> 1087
gaggaugugg cacaaagauu a 21

<210> 1088
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oligonucleotide

<400> 1088
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<210> 1089
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<220>
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<220>
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oligonucleotide

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<210> 1090
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<220>
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oligonucleotide

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oligonucleotide

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<210> 1091
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oligonucleotide

<400> 1091
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<210> 1092
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oligonucleotide

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oligonucleotide

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<210> 1093
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<400> 1093
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<210> 1094
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oligonucleotide

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<210> 1095
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oligonucleotide

<400> 1095
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<210> 1096
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<400> 1096
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<210> 1097
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<210> 1098
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oligonucleotide

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<210> 1099
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oligonucleotide

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<210> 1100
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<212> RNA
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oligonucleotide

<400> 1100
ugauacagug ugaaaagcag cac 23

<210> 1101
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oligonucleotide

<400> 1101
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<210> 1102
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oligonucleotide

<400> 1102
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<210> 1103
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<220>
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oligonucleotide

<400> 1103
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<210> 1104
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oligonucleotide

<400> 1104
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<210> 1105
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<212> RNA
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oligonucleotide

<400> 1105
uugaauggug aaaucauuag aaa 23

<210> 1106
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oligonucleotide

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<210> 1107
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oligonucleotide

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oligonucleotide

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<210> 1108
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<400> 1108
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<210> 1109
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<210> 1110
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oligonucleotide

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<210> 1111

<211> 23
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oligonucleotide

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<210> 1112
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<210> 1113
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<210> 1635
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<210> 1683
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<210> 1684
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oligonucleotide

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<210> 1693
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<210> 1700
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<210> 1702
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<210> 1703
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<210> 1704
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<210> 1712
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<210> 1745
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<210> 1747
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<210> 1748
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<210> 1749
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<210> 1761
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<210> 1762
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<210> 1763
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<210> 1764
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<210> 1766

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<210> 1767
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<210> 1769
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<210> 1770
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<210> 1771
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<210> 1772
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<400> 1772
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<210> 1774
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<400> 1774
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<210> 1775
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<400> 1775
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<210> 1776
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<400> 1776
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<210> 1777
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oligonucleotide

<400> 1777
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<210> 1778
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<400> 1778
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<210> 1779
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<400> 1779
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<210> 1780
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<400> 1780
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<210> 1781
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<400> 1781
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<210> 1782
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<400> 1782
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<210> 1784
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<400> 1784
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<400> 1787
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<400> 1788
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<400> 1790
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<400> 1791
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<210> 1792
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<400> 1792
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<210> 1793
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<400> 1793
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<210> 1794
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<400> 1794
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<400> 1795
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<400> 1796
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<400> 1797
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<400> 1798
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oligonucleotide

<400> 1799
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<400> 1801
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<210> 1802
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<210> 1803
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<210> 1804
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<400> 1804
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<400> 1805
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<210> 1807

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<400> 1807
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<210> 1808
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caaaggaagt tttccaggca tctgcgaatg cattgtcaac tctcttagaa caaaatgtta 180

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oligonucleotide

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<210> 1812
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oligonucleotide

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<210> 1813
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oligonucleotide

<400> 1813
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oligonucleotide

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<210> 1815
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oligonucleotide

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<210> 1816
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oligonucleotide

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oligonucleotide

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oligonucleotide

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<210> 1819
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oligonucleotide

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uccaaagaac uacaugucac a 21

<210> 1820
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oligonucleotide

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<210> 1821
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oligonucleotide

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<210> 1822
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oligonucleotide

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<210> 1823
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oligonucleotide

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cuggaucuuu caacucgucg a 21

<210> 1824

<211> 21
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oligonucleotide

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<210> 1825
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oligonucleotide

<400> 1825
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<210> 1826
<211> 21
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<220>
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oligonucleotide

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<210> 1827
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<220>
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oligonucleotide

<400> 1827
aaucaggagu ccuucuucau a 21

<210> 1828
<211> 21

<212> RNA
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<220>
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oligonucleotide

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gcucaccauu ccaauaucuc a 21

<210> 1829
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<220>
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oligonucleotide

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<210> 1830
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<220>
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oligonucleotide

<400> 1830
aaacacaaaa ugucuuauuc a 21

<210> 1831
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<213> Artificial Sequence

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oligonucleotide

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<210> 1832
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<213> Artificial Sequence

<220>
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oligonucleotide

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<210> 1833
<211> 21
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<220>
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oligonucleotide

<400> 1833
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<210> 1834
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<220>
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oligonucleotide

<400> 1834
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<210> 1835
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 1835
agugagaaaa gaauuagcug a 21

<210> 1836
<211> 21
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<220>
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oligonucleotide

<400> 1836
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<210> 1837
<211> 21
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<213> Artificial Sequence

<220>
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oligonucleotide

<400> 1837
cacaaugugc ugcuuuucac a 21

<210> 1838
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<213> Artificial Sequence

<220>
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oligonucleotide

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gaauucagcu gaauuagucu a 21

<210> 1839
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1839
ccauucagaa acucauugag a 21

<210> 1840
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1840
acaugaagug caaaauuuag a 21

<210> 1841
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 1841
ugcugcuaug ccuuucuugc a 21

<210> 1842
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1842
gggaaaaaga gacauacccu a 21

<210> 1843
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1843
cauuccaaua ucucagauug a 21

<210> 1844
<211> 21
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1844
auguguuuga gugaauccac a 21

<210> 1845
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1845
aaaauauuaa gacaguuucc a 21

<210> 1846
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<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1846
cauuccaaua ucucagauug a 21

<210> 1847
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1847
gaagcuuauu gucugguagg a 21

<210> 1848
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

oligonucleotide

<400> 1848
caguacucca uugauguguu a 21

<210> 1849
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 1849
aguuuaaccu gucauauaac a 21

<210> 1850
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 1850
gaccugccua gaaauauuau a 21

<210> 1851
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 1851
guagaggguu ugaaguuucc a 21

<210> 1852
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 1852
gaaagagaua caaucuugcu a 21

<210> 1853
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1853
ccuggaucuu ucaacucguc a 21

<210> 1854
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1854
uuugagugaa uccacaaauu a 21

<210> 1855
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1855
cuuguuugua uugcaauucc a 21

<210> 1856
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1856
gaaagagaua caaucuugcu a 21

<210> 1857
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1857
caugaagugc aaaauuuaga a 21

<210> 1858
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1858
aaacacaaaa ugucuuauuc a 21

<210> 1859
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1859
acuccauuga uguguuugag a 21

<210> 1860
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1860

uaaaucuucc acacuugcgg a 21

<210> 1861
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1861
gcugaauuag ucugucugac a 21

<210> 1862
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1862
cucagccaug auuauauacc a 21

<210> 1863
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1863
cucagccaug auuauauacc a 21

<210> 1864
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1864
uccaaagaac uacaugucac a 21

<210> 1865
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1865
uggaucuuuc aacucgucga a 21

<210> 1866
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1866
cugccuagaa auauuauguu a 21

<210> 1867
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1867
uaagggaacu cuuauuuagc a 21

<210> 1868
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1868
cuggaucuuu caacucgucg a 21

<210> 1869
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1869
cucugaaauu aucauccgac a 21

<210> 1870
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1870
cagcugaauu agucugucug a 21

<210> 1871
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1871
cuuguuugua uugcaauucc a 21

<210> 1872
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1872
aaucaggagu ccuucuucau a 21

<210> 1873
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1873
gcucaccauu ccaauaucuc a 21

<210> 1874
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1874
caaucuucca caugaagugc a 21

<210> 1875
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1875
aaacacaaaa ugucuuauuc a 21

<210> 1876
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1876
ccuggaucuu ucaacucguc a 21

<210> 1877

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

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1877
cuacucuaug acauuuugac a 21

<210> 1878
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1878
gccuuggugc aucuuccugu a 21

<210> 1879
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1879
uugcugcuau gccuuucuug a 21

<210> 1880
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1880
agugagaaaa gaauuagcug a 21

<210> 1881
<211> 21

<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1881
agaucucuua guaaauccag a 21

<210> 1882
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1882
cacaaugugc ugcuuuucac a 21

<210> 1883
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1883
gaauucagcu gaauuagucu a 21

<210> 1884
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1884
ccauucagaa acucauugag a 21

<210> 1885
<211> 21
<212> RNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1885
acaugaagug caaaauuuag a 21

<210> 1886
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1886
ugcugcuaug ccuuucuugc a 21

<210> 1887
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1887
gggaaaaaga gacauacccu a 21

<210> 1888
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1888
cauuccaaua ucucagauug a 21

<210> 1889
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1889
auguguuuga gugaauccac a 21

<210> 1890
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1890
aaaauauuaa gacaguuucc a 21

<210> 1891
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1891
cauuccaaua ucucagauug a 21

<210> 1892
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1892
gaagcuuauu gucugguagg a 21

<210> 1893
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1893
caguacucca uugauguguu a 21

<210> 1894
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1894
aguuuaaccu gucauauaac a 21

<210> 1895
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1895
gaccugccua gaaauauuau a 21

<210> 1896
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1896
guagaggguu ugaaguuucc a 21

<210> 1897
<211> 21
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1897
gaaagagaua caaucuugcu a 21

<210> 1898
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1898
ccuggaucuu ucaacucguc a 21

<210> 1899
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1899
uuugagugaa uccacaaauu a 21

<210> 1900
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<223> Description of Combined DNA/RNA Molecule: Synthetic
oligonucleotide

<400> 1900
uggaautgca auacaaacaa gug 23

<210> 1901
<211> 23
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<223> Description of Combined DNA/RNA Molecule: Synthetic
oligonucleotide

<400> 1901
uagcaagauu gtaucucuuu cug 23

<210> 1902
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<223> Description of Combined DNA/RNA Molecule: Synthetic
oligonucleotide

<400> 1902
utcuaaauuu ugcacuucau gug 23

<210> 1903
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<223> Description of Combined DNA/RNA Molecule: Synthetic
oligonucleotide

<400> 1903
ugaataagac atuuuguguu uug 23

<210> 1904
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<223> Description of Combined DNA/RNA Molecule: Synthetic
oligonucleotide

<400> 1904
ucucaaacac atcaauggag uac 23

<210> 1905
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1905
uccgcaagug uggaagauuu aaa 23

<210> 1906
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1906
ugucagacag acuaauucag cug 23

<210> 1907
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1907
ugguauauaa ucauggcuga gug 23

<210> 1908
<211> 23

<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1908
ugguauauaa ucauggcuga gug 23

<210> 1909
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1909
ugugacaugu aguucuuugg aaa 23

<210> 1910
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<223> Description of Combined DNA/RNA Molecule: Synthetic
oligonucleotide

<400> 1910
utcgacgagu ugaaagaucc agg 23

<210> 1911
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<223> Description of Combined DNA/RNA Molecule: Synthetic
oligonucleotide

<400> 1911
uaacauaaua utucuaggca ggu 23

<210> 1912
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1912
ugcuaaauaa gaguucccuu aag 23

<210> 1913
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 1913
ucgacgaguu gaaagaucca gga 23

<210> 1914
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1914
ugucggauga uaauuucaga guu 23

<210> 1915
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1915
ucagacagac uaauucagcu gaa 23

<210> 1916
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<223> Description of Combined DNA/RNA Molecule: Synthetic
oligonucleotide

<400> 1916
uggaautgca atacaaacaa gug 23

<210> 1917
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1917
uaugaagaag gacuccugau uca 23

<210> 1918
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1918
ugagauauug gaauggugag ccu 23

<210> 1919
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<223> Description of Combined DNA/RNA Molecule: Synthetic
oligonucleotide

<400> 1919
ugcacutcau gtggaagauu gau 23

<210> 1920
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1920
ugaauaagac auuuuguguu uug 23

<210> 1921
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1921
ugacgaguug aaagauccag gag 23

<210> 1922
<211> 23
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<210> 1939
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<210> 1945
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<210> 1946
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<210> 1947
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<210> 1948

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<210> 1949
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<220>
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<210> 1950
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<220>
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<210> 1951
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<220>
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<210> 1952
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<220>
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<210> 1953
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<220>
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<210> 1954
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<220>
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<210> 1955
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<220>
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<210> 1956
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<210> 1957
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<400> 1957
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<210> 1958
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<400> 1958
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<210> 1959

<211> 23
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<220>
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<210> 1960
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<210> 1961
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<210> 1963
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<400> 1966
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<400> 1967
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<400> 1977
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<210> 1978
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<210> 1979
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<210> 1980
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<400> 1982
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<210> 1983
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<400> 1983
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<210> 1984
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<400> 1984
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<210> 1985
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<400> 1986
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<210> 1987
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<210> 1988
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<210> 1989
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<210> 1990
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<210> 1991
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<210> 1994
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<210> 1995
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<210> 1996
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<400> 1996
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<210> 1997
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<220>
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<400> 1997
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<210> 1998
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<220>
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<400> 1998
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<210> 1999
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<220>
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<400> 1999
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<210> 2000
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<212> RNA
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<220>
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oligonucleotide

<400> 2000
uggaucuuuc aacucgucga a 21

<210> 2001
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<220>
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oligonucleotide

<400> 2001
cugccuagaa auauuauguu a 21

<210> 2002
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<212> RNA
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<220>
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oligonucleotide

<400> 2002
uaagggaacu cuuauuuagc a 21

<210> 2003
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<220>
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oligonucleotide

<400> 2003
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<210> 2004
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<220>
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oligonucleotide

<400> 2004
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<210> 2005
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<220>
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oligonucleotide

<400> 2005
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<210> 2006
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<220>
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oligonucleotide

<400> 2006
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<210> 2007
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<212> RNA
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<220>
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oligonucleotide

<400> 2007
aaucaggagu ccuucuucau a 21

<210> 2008
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<212> RNA
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<220>
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oligonucleotide

<400> 2008
gcucaccauu ccaauaucuc a 21

<210> 2009
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<220>
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oligonucleotide

<400> 2009
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<210> 2010
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<220>
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oligonucleotide

<400> 2010
aaacacaaaa ugucuuauuc a 21

<210> 2011
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<220>
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<400> 2011
ccuggaucuu ucaacucguc a 21

<210> 2012
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<220>
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oligonucleotide

<400> 2012

cuacucuaug acauuuugac a 21

<210> 2013
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<220>
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<400> 2013
gccuuggugc aucuuccugu a 21

<210> 2014
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<220>
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<400> 2014
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<210> 2015
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<220>
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<400> 2015
agugagaaaa gaauuagcug a 21

<210> 2016
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<220>
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oligonucleotide

<400> 2016
agaucucuua guaaauccag a 21

<210> 2017
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<212> RNA
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<220>
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oligonucleotide

<400> 2017
cacaaugugc ugcuuuucac a 21

<210> 2018
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<220>
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oligonucleotide

<400> 2018
gaauucagcu gaauuagucu a 21

<210> 2019
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<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2019
ccauucagaa acucauugag a 21

<210> 2020
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<212> RNA
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<220>
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oligonucleotide

<400> 2020
acaugaagug caaaauuuag a 21

<210> 2021
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<212> RNA
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<220>
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oligonucleotide

<400> 2021
ugcugcuaug ccuuucuugc a 21

<210> 2022
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<220>
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oligonucleotide

<400> 2022
gggaaaaaga gacauacccu a 21

<210> 2023
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<212> RNA
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<220>
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oligonucleotide

<400> 2023
cauuccaaua ucucagauug a 21

<210> 2024
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<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2024
auguguuuga gugaauccac a 21

<210> 2025
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<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2025
aaaauauuaa gacaguuucc a 21

<210> 2026
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<212> RNA
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<220>
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oligonucleotide

<400> 2026
cauuccaaua ucucagauug a 21

<210> 2027
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<400> 2217
cacaugaagu gcaaaauuua gaa 23

<210> 2218
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2218
caaaacacaa aaugucuuau ucu 23

<210> 2219
<211> 23
<212> RNA
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<220>
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oligonucleotide

<400> 2219
guacuccauu gauguguuug agu 23

<210> 2220
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<220>
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oligonucleotide

<400> 2220
uuuaaaucuu ccacacuugc ggu 23

<210> 2221
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<212> RNA
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oligonucleotide

<400> 2221
cagcugaauu agucugucug acg 23

<210> 2222
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<400> 2222
cacucagcca ugauuauaua ccg 23

<210> 2223
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<212> RNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 2223
cacucagcca ugauuauaua ccg 23

<210> 2224
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<220>
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uuuccaaaga acuacauguc aca 23

<210> 2225
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<220>
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ccuggaucuu ucaacucguc gac 23

<210> 2226
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oligonucleotide

<400> 2226
accugccuag aaauauuaug uug 23

<210> 2227
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<220>
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oligonucleotide

<400> 2227
cuuaagggaa cucuuauuua gcc 23

<210> 2228
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oligonucleotide

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uccuggaucu uucaacucgu cga 23

<210> 2229
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oligonucleotide

<400> 2229
aacucugaaa uuaucauccg acu 23

<210> 2230
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<212> RNA
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oligonucleotide

<400> 2230
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<210> 2231
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oligonucleotide

<400> 2231
cacuuguuug uauugcaauu ccu 23

<210> 2232
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oligonucleotide

<400> 2232
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<210> 2233
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<212> RNA
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<220>
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oligonucleotide

<400> 2233

aggcucacca uuccaauauc uca 23

<210> 2234
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<212> RNA
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<220>
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oligonucleotide

<400> 2234
aucaaucuuc cacaugaagu gca 23

<210> 2235
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<220>
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oligonucleotide

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caaaacacaa aaugucuuau ucu 23

<210> 2236
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oligonucleotide

<400> 2236
cuccuggauc uuucaacucg ucg 23

<210> 2237
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<220>
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oligonucleotide

<400> 2237
uacuacucua ugacauuuug aca 23

<210> 2238
<211> 23
<212> RNA
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<220>
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oligonucleotide

<400> 2238
uagccuuggu gcaucuuccu guu 23

<210> 2239
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<220>
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oligonucleotide

<400> 2239
ucuugcugcu augccuuucu ugc 23

<210> 2240
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<220>
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oligonucleotide

<400> 2240
gaagugagaa aagaauuagc uga 23

<210> 2241
<211> 23
<212> RNA
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<220>
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oligonucleotide

<400> 2241
ggagaucucu uaguaaaucc aga 23

<210> 2242
<211> 23
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<220>
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oligonucleotide

<400> 2242
cccacaaugu gcugcuuuuc aca 23

<210> 2243
<211> 23
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<220>
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oligonucleotide

<400> 2243
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<210> 2244
<211> 23
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<220>
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oligonucleotide

<400> 2244
caccauucag aaacucauug aga 23

<210> 2245
<211> 23
<212> RNA
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<220>
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oligonucleotide

<400> 2245
ccacaugaag ugcaaaauuu aga 23

<210> 2246
<211> 23
<212> RNA
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<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 2246
cuugcugcua ugccuuucuu gcc 23

<210> 2247
<211> 23
<212> RNA
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<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 2247
augggaaaaa gagacauacc cua 23

<210> 2248
<211> 23
<212> RNA
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<220>
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oligonucleotide

<400> 2248
accauuccaa uaucucagau ugc 23

<210> 2249
<211> 23
<212> RNA
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<220>
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oligonucleotide

<400> 2249
ugauguguuu gagugaaucc aca 23

<210> 2250

<211> 23
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<220>
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oligonucleotide

<400> 2250
ugaaaauauu aagacaguuu ccc 23

<210> 2251
<211> 23
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<220>
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oligonucleotide

<400> 2251
accauuccaa uaucucagau ugc 23

<210> 2252
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2252
cugaagcuua uugucuggua gga 23

<210> 2253
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2253
gucaguacuc cauugaugug uuu 23

<210> 2254
<211> 23

<212> RNA
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<220>
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oligonucleotide

<400> 2254
acaguuuaac cugucauaua acc 23

<210> 2255
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2255
cugaccugcc uagaaauauu aug 23

<210> 2256
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2256
uaguagaggg uuugaaguuu cca 23

<210> 2257
<211> 23
<212> RNA
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<220>
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oligonucleotide

<400> 2257
cagaaagaga uacaaucuug cuu 23

<210> 2258
<211> 23
<212> RNA

<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2258
cuccuggauc uuucaacucg ucg 23

<210> 2259
<211> 23
<212> RNA
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<220>
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oligonucleotide

<400> 2259
uguuugagug aauccacaaa uuc 23

<210> 2260
<211> 33
<212> RNA
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<220>
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oligonucleotide

<400> 2260
ugaauuuucu ugcugcuaug ccuuucuugc cuc 33

<210> 2261
<211> 56
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2261
ugaacuuaag ggaacucuua uuuagccaua aucagaucag caucuuggac uugagu 56

<210> 2262
<211> 29
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2262
aacucugaaa uuaucauccg acuauauga 29

<210> 2263
<211> 28
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2263
cugaagcuua uugucuggua ggaucuga 28

<210> 2264
<211> 41
<212> RNA
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<220>
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oligonucleotide

<400> 2264
uaaaaauuac aguuccuucu uguagaaaag gcuguauucu u 41

<210> 2265
<211> 31
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2265
aggcucacca uuccaauauc ucagauugcc c 31

<210> 2266
<211> 26
<212> RNA
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<220>
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oligonucleotide

<400> 2266
cugaccugcc uagaaauauu auguug 26

<210> 2267
<211> 25
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 2267
ccacucagcc augauuauau accga 25

<210> 2268
<211> 32
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2268
cccacaaugu gcugcuuuuc acacuguauc cc 32

<210> 2269
<211> 44
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2269
ucuuugacau uuugaauuca gcugaauuag ucugucugac gaga 44

<210> 2270
<211> 30
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 2270
gauaguagaa uauugugcuu agccuuggug 30

<210> 2271
<211> 24
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 2271
uagccuuggu gcaucuuccu guug 24

<210> 2272
<211> 46
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2272
gaaaugucag uacuccauug auguguuuga gugaauccac aaauuc 46

<210> 2273
<211> 41
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2273
gggaggaugu ggcacaaaga uuuucuccuu uucuaaugau u 41

<210> 2274
<211> 25
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2274
uuucuaauga uuucaccauu cagaa 25

<210> 2275
<211> 45
<212> RNA
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<220>
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<400> 2275
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<210> 2276
<211> 28
<212> RNA
<213> Artificial Sequence

<220>
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<400> 2276
caaaacacaa aaugucuuau ucugggag 28

<210> 2277
<211> 25
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 2277
cuccuggauc uuucaacucg ucgac 25

<210> 2278
<211> 69
<212> RNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 2278
cagaaagaga uacaaucuug cuugaccguu ugggacauca aucuuccaca ugaagugcaa 60

aauuuagaa 69

<210> 2279
<211> 24
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 2279
ugaaaauauu aagacaguuu ccca 24

<210> 2280
<211> 24
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 2280
ucuugcugcu augccuuucu ugcc 24

<210> 2281
<211> 29
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2281
aacucugaaa uuaucauccg acuauauga 29

<210> 2282
<211> 29
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2282
aggcucacca uuccaauauc ucagauugc 29

<210> 2283
<211> 26
<212> RNA
<213> Artificial Sequence

<220>
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<400> 2283
cugaccugcc uagaaauauu auguug 26

<210> 2284
<211> 24
<212> RNA
<213> Artificial Sequence

<220>
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<400> 2284
cacucagcca ugauuauaua ccga 24

<210> 2285
<211> 31
<212> RNA
<213> Artificial Sequence

<220>
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<400> 2285
uugaauucag cugaauuagu cugucugacg a 31

<210> 2286
<211> 28
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 2286
ugauguguuu gagugaaucc acaaauuc 28

<210> 2287
<211> 25
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 2287
cuccuggauc uuucaacucg ucgac 25

<210> 2288
<211> 24
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 2288
ccacaugaag ugcaaaauuu agaa 24