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<110> Ractigen Therapeutics

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<150> 201910891508.8
<151> 2019-09-20

<150> PCT/CN2020/116227
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aatacctact ttgccagtt 19

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agacactcct ctggagcag 19

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uucccugguc augccugcct t 21

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uggauagcca gggagugaat t 21

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gaaauccaac aggaugcuut t 21

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gggcacaugu augugcgcat t 21

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ugcugaaauc caacaggaut t 21

<210> 1682
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acaagaggaa uaaccaggct t 21

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<400> 1686
cuucccaguc ccagucucct t 21

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gaugcuugcu uuccugcuut t 21

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gagggugcug ggauagcugt t 21

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aggugcgggg cacauguaut t 21

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ggggacagga gcagaaguut t 21

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gaggguccu ugggugaagt t 21

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<400> 1800
uccuguuaug gguuggugut t 21

<210> 1801
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<223> Synthetic DNA/RNA construct - RAG3A-242-saRNA antisense sequence

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uguguugcug gggaagaagt t 21

<210> 1802
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<223> Synthetic DNA/RNA construct - RAG3A-1127-saRNA antisense sequence

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uuucgaagug ggaacacggt t 21

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<223> Synthetic DNA/RNA construct - RAG3A-790-saRNA antisense sequence

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ggcucuagcu ccuuugcuut t 21

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<223> Synthetic DNA/RNA construct - RAG3A-635-saRNA antisense sequence

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ccuccuuugc uuguucugut t 21

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ccguuccaca ugugacaagt t 21

<210> 1807
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ccaagauuag gaaggagggt t 21

<210> 1808
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gacaggagac agggaggcat t 21

<210> 1810
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cuuugcuuuc uucccaguct t 21

<210> 1811
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gaaaggguuu ggacggguut t 21

<210> 1812
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<223> Synthetic DNA/RNA construct - RAG3A-555-saRNA antisense sequence

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guuaagccug agcuuaggut t 21

<210> 1813
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<220>
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<400> 1813
ccuggccuga ccuugaucct t 21

<210> 1814
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ucccuguccu ggguaacact t 21

<210> 1815
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<400> 1815
aggucccugu ccuggguaat t 21

<210> 1816
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ugucaggugc ggggcacaut t 21

<210> 1817
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aagaaugagg agcgaccuct t 21

<210> 1818
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ucuccgucuu ccaucuccut t 21

<210> 1819
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<213> Artificial Sequence

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<400> 1819
ggagggugcu gggauagcut t 21

<210> 1820
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<210> 1821
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<400> 1821
ucuccuaccg uuccacaugt t 21

<210> 1822
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uccaacagga ugcuugcuut t 21

<210> 1823
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<220>
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<400> 1823

cgugcacugg guuaagccut t 21

<210> 1824
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<400> 1824
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<210> 1825
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<223> Synthetic DNA/RNA construct - RAG3A-1162-saRNA antisense sequence

<400> 1825
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<210> 1826
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<220>
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<400> 1826
ccaaauuucu uuucccuggt t 21

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<220>
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<400> 1827
aucuuuuccu ggacaugggt t 21

<210> 1828
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<213> Artificial Sequence

<220>
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<400> 1828
uuuuccugga caugggcaat t 21

<210> 1829
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-1253-saRNA antisense sequence

<400> 1829
gguuucuggc uaggucccut t 21

<210> 1830
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-926-saRNA antisense sequence

<400> 1830
ccaaggaugg gcaugucugt t 21

<210> 1831
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<220>
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<400> 1831
gccugaggau aaguuacaat t 21

<210> 1832
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<220>
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<400> 1832

uaaccaggcc caugugucct t 21

<210> 1833
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<220>
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<400> 1833
ugucacucca cagaaggggt t 21

<210> 1834
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-964-saRNA antisense sequence

<400> 1834
uccuggaauu uucccgucct t 21

<210> 1835
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-791-saRNA antisense sequence

<400> 1835
gcucuagcuc cuuugcuuut t 21

<210> 1836
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<220>
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<400> 1836
gcacauguau gugcgcacat t 21

<210> 1837
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<213> Artificial Sequence

<220>
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<400> 1837
uuuucccguc cagccagact t 21

<210> 1838
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<220>
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<400> 1838
guuuucacuc ccuggcuaut t 21

<210> 1839
<211> 21
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<220>
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<400> 1839
aagaagcaca gaggucuugt t 21

<210> 1840
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-1000-saRNA antisense sequence

<400> 1840
cccaagauua ggaaggaggt t 21

<210> 1841
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<220>
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<400> 1841

gaauaaccag gcccaugugt t 21

<210> 1842
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<220>
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<400> 1842
cacuggguua agccugagct t 21

<210> 1843
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<220>
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<400> 1843
ggggaaugcu gccgguuuct t 21

<210> 1844
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<220>
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<400> 1844
cguccagcca gacgagaugt t 21

<210> 1845
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<220>
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<400> 1845
augaggagcg accucagagt t 21

<210> 1846
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<212> DNA

<213> Artificial Sequence

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<400> 1846
auuaggaagg agggugcugt t 21

<210> 1847
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<220>
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<400> 1847
aagguaggga ggcaggcuat t 21

<210> 1848
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<220>
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<400> 1848
agacacuggu gaaggcccct t 21

<210> 1849
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<220>
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<400> 1849
caaucagaga agggagccat t 21

<210> 1850
<211> 21
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-59-saRNA antisense sequence

<400> 1850

cccggaagug acgccuucut t 21

<210> 1851
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-1187-saRNA antisense sequence

<400> 1851
augcgccuga ggauaaguut t 21

<210> 1852
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<220>
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<400> 1852
ucgucugcug ggguccagut t 21

<210> 1853
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<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-639-saRNA antisense sequence

<400> 1853
cuuugcuugu ucugucucct t 21

<210> 1854
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<220>
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<400> 1854
caguccagu cuccccacat t 21

<210> 1855
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<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-957-saRNA antisense sequence

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gccuagaucc uggaauuuut t 21

<210> 1856
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<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-1217-saRNA antisense sequence

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gagauacugu cacuccacat t 21

<210> 1857
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<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-1165-saRNA antisense sequence

<400> 1857
gaaagcaaga ggggacugut t 21

<210> 1858
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-1134-saRNA antisense sequence

<400> 1858
agaggguccc uugggugaat t 21

<210> 1859
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<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-667-saRNA antisense sequence

<400> 1859

cuccuaccgu uccacaugut t 21

<210> 1860
<211> 21
<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-1339-saRNA antisense sequence

<400> 1860
agaggguggu gaggguuugt t 21

<210> 1861
<211> 21
<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-676-saRNA antisense sequence

<400> 1861
uuccacaugu gacaagaggt t 21

<210> 1862
<211> 21
<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-153-saRNA antisense sequence

<400> 1862
gauccaucuu uuccuggact t 21

<210> 1863
<211> 21
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-320-saRNA antisense sequence

<400> 1863
ucccuggaca ucauaccugt t 21

<210> 1864
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<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-1010-saRNA antisense sequence

<400> 1864
ggaaggaggg ugcugggaut t 21

<210> 1865
<211> 21
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-999-saRNA antisense sequence

<400> 1865
ucccaagauu aggaaggagt t 21

<210> 1866
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-567-saRNA antisense sequence

<400> 1866
cuuaggugcu cgucugcugt t 21

<210> 1867
<211> 21
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-862-saRNA antisense sequence

<400> 1867
gaccuugauc ccaucaucct t 21

<210> 1868
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-460-saRNA antisense sequence

<400> 1868

cuccuguuau ggguuggugt t 21

<210> 1869
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<220>
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<400> 1869
ccucccccaag gaugggcaut t 21

<210> 1870
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<220>
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<400> 1870
gcccaugugu cccugucuut t 21

<210> 1871
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-233-saRNA antisense sequence

<400> 1871
caggacauuu guguugcugt t 21

<210> 1872
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<212> DNA
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<220>
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<400> 1872
guuacaauga gagggagaut t 21

<210> 1873
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<212> DNA

<213> Artificial Sequence

<220>
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<400> 1873
ugcuggggaa gaagcacagt t 21

<210> 1874
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<220>
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<400> 1874
uuaggaaaga cagcugcugt t 21

<210> 1875
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<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-391-saRNA antisense sequence

<400> 1875
cuagggaguc cuaucuugut t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-159-saRNA antisense sequence

<400> 1876
ucuuuuccug gacaugggct t 21

<210> 1877
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<212> DNA
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<220>
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<400> 1877

gauauugccc acaugagagt t 21

<210> 1878
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<213> Artificial Sequence

<220>
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<400> 1878
gaagggagcc accagacact t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-63-saRNA antisense sequence

<400> 1879
gaagugacgc cuucucuuct t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-996-saRNA antisense sequence

<400> 1880
gucucccaag auuaggaagt t 21

<210> 1881
<211> 21
<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-1083-saRNA antisense sequence

<400> 1881
ggcaugacca gggaaccaat t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-1128-saRNA antisense sequence

<400> 1882
agaggcagag ggucccuugt t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-1094-saRNA antisense sequence

<400> 1883
ggaaccaaga gaaaggaggt t 21

<210> 1884
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-771-saRNA antisense sequence

<400> 1884
ccccuuuucc uuuggcccut t 21

<210> 1885
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-287-saRNA antisense sequence

<400> 1885
gggguuuucac ucccuggcut t 21

<210> 1886
<211> 21
<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-981-saRNA antisense sequence

<400> 1886

ccagccagac gagaugucut t 21

<210> 1887
<211> 21
<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-23-saRNA antisense sequence

<400> 1887
aucagagaag ggagccacct t 21

<210> 1888
<211> 21
<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-1072-saRNA antisense sequence

<400> 1888
acagggaggc aggcaugact t 21

<210> 1889
<211> 21
<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-415-saRNA antisense sequence

<400> 1889
ccccuuucga agugggaact t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-1287-saRNA antisense sequence

<400> 1890
agaaugagga gcgaccucat t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-1201-saRNA antisense sequence

<400> 1891
aaguuacaau gagagggagt t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-772-saRNA antisense sequence

<400> 1892
cccuuuuccu uuggcccugt t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-1249-saRNA antisense sequence

<400> 1893
ugccgguuuc uggcuaggut t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-546-saRNA antisense sequence

<400> 1894
gugcacuggg uuaagccugt t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-160-saRNA antisense sequence

<400> 1895

cuuuuccugg acaugggcat t 21

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

<220>
<223> Synthetic DNA/RNA construct - RAG3A-64-saRNA antisense sequence

<400> 1896
aagugacgcc uucucuucct t 21

<210> 1897
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<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-1002-saRNA antisense sequence

<400> 1897
caagauuagg aaggagggut t 21

<210> 1898
<211> 21
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-1288-saRNA antisense sequence

<400> 1898
gaaugaggag cgaccucagt t 21

<210> 1899
<211> 21
<212> DNA
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<220>
<223> Synthetic DNA/RNA construct - RAG3A-891-saRNA antisense sequence

<400> 1899
cagaacuucc ucaggcucut t 21

<210> 1900
<211> 21
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<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-231-saRNA antisense sequence

<400> 1900
ggcaggacau uuguguugct t 21

<210> 1901
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-669-saRNA antisense sequence

<400> 1901
ccuaccguuc cacaugugat t 21

<210> 1902
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-1009-saRNA antisense sequence

<400> 1902
aggaaggagg gugcugggat t 21

<210> 1903
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-656-saRNA antisense sequence

<400> 1903
ccgucuucca ucuccuacct t 21

<210> 1904
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-229-saRNA antisense sequence

<400> 1904

cuggcaggac auuuguguut t 21

<210> 1905
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-484-saRNA antisense sequence

<400> 1905
gggaaagggu uuggacgggt t 21

<210> 1906
<211> 21
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<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-799-saRNA antisense sequence

<400> 1906
uccuuugcuu ucuucccagt t 21

<210> 1907
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA construct - RAG3A-296-saRNA antisense sequence

<400> 1907
cucccuggcu auccaaauut t 21

<210> 1908
<211> 21
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<400> 1908
ucgaaugcgc cugaggauat t 21

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<210> 1910
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caucuuuucc uggacauggt t 21

<210> 1911
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gaaugcgccu gaggauaagt t 21

<210> 1912
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<210> 1913
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guccaguggc uuagauggct t 21

<210> 1914
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ggauauugcc cacaugagat t 21

<210> 1915
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agcugggagg auagugggut t 21

<210> 1916
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agaagggagc caccagacat t 21

<210> 1917
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aggacauuug uguugcuggt t 21

<210> 1918
<211> 21
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<213> Artificial Sequence

<220>
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<400> 1918
cuggggaaga agcacagagt t 21

<210> 1919
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<220>
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<400> 1919
uuuuccuuug gcccuggcut t 21

<210> 1920
<211> 21
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<220>
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<400> 1920
aguguggccu agauccuggt t 21

<210> 1921
<211> 21
<212> DNA
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<220>
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<400> 1921
ugaccuugau cccaucauct t 21

<210> 1922
<211> 21
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<220>
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<400> 1922

agcacagagg ucuuguuuat t 21

<210> 1923
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<400> 1923
gggaguccua ucuugucaut t 21

<210> 1924
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<400> 1924
augugcgcac acgugcacut t 21

<210> 1925
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<400> 1925
cuuuucccug gacaucauat t 21

<210> 1926
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<400> 1926
gccugagcuu aggugcucgt t 21

<210> 1927
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<213> Artificial Sequence

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<400> 1927
aaaggaggcu gggagugggt t 21

<210> 1928
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<220>
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<400> 1928
uguguccccug ucuuaggaat t 21

<210> 1929
<211> 21
<212> DNA
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<220>
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<400> 1929
agaagugugg ccuagaucct t 21

<210> 1930
<211> 21
<212> DNA
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<400> 1930
cucccaagau uaggaaggat t 21

<210> 1931
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<400> 1931

ucccc uaggg aguccuauct t 21