BIOL0251WOSEQ_ST25
SEQUENCE LISTING

<110> Isis Pharmaceuticals

<120> COMPOSITIONS AND METHODS FOR MODULATING COMPLEMENT FACTOR B EXPRESSION

<130> BIOL0251WO

<150> 62/076,273
<151> 2014-11-06

<150> 61/987,471
<151> 2014-05-01

<160> 854

<170> PatentIn version 3.5

<210> 1
<211> 2646
<212> DNA
<213> Homo sapiens

<400> 1
gacttctgca gtttctgttt ccttgactgg cagctcagcg gggccctccc gcttggatgt 60

tccgggaaag tgatgtgggt aggacaggcg gggcgagccg caggtgccag aacacagatt 120

gtataaaagg ctgggggctg gtggggagca ggggaaggga atgtgaccag gtctaggtct 180

ggagtttcag cttggacact gagccaagca gacaagcaaa gcaagccagg acacaccatc 240

ctgccccagg cccagcttct ctcctgcctt ccaacgccat ggggagcaat ctcagccccc 300

aactctgcct gatgcccttt atcttgggcc tcttgtctgg aggtgtgacc accactccat 360

ggtctttggc ccggccccag ggatcctgct ctctggaggg ggtagagatc aaaggcggct 420

ccttccgact tctccaagag ggccaggcac tggagtacgt gtgtccttct ggcttctacc 480

cgtaccctgt gcagacacgt acctgcagat ctacggggtc ctggagcacc ctgaagactc 540

aagaccaaaa gactgtcagg aaggcagagt gcagagcaat ccactgtcca agaccacacg 600

acttcgagaa cggggaatac tggccccggt ctccctacta caatgtgagt gatgagatct 660

ctttccactg ctatgacggt tacactctcc ggggctctgc caatcgcacc tgccaagtga 720

atggccgatg gagtgggcag acagcgatct gtgacaacgg agcggggtac tgctccaacc 780

cgggcatccc cattggcaca aggaaggtgg gcagccagta ccgccttgaa gacagcgtca 840

cctaccactg cagccggggg cttaccctgc gtggctccca gcggcgaacg tgtcaggaag 900

gtggctcttg gagcgggacg gagccttcct gccaagactc cttcatgtac gacacccctc 960

aagaggtggc cgaagctttc ctgtcttccc tgacagagac catagaagga gtcgatgctg 1020

aggatgggca cggcccaggg gaacaacaga agcggaagat cgtcctggac ccttcaggct 1080

ccatgaacat ctacctggtg ctagatggat cagacagcat tggggccagc aacttcacag 1140

gagccaaaaa gtgtctagtc aacttaattg agaaggtggc aagttatggt gtgaagccaa 1200

gatatggtct agtgacatat gccacatacc ccaaaatttg ggtcaaagtg tctgaagcag 1260

acagcagtaa tgcagactgg gtcacgaagc agctcaatga aatcaattat gaagaccaca 1320

agttgaagtc agggactaac accaagaagg ccctccaggc agtgtacagc atgatgagct 1380

ggccagatga cgtccctcct gaaggctgga accgcacccg ccatgtcatc atcctcatga 1440

ctgatggatt gcacaacatg ggcggggacc caattactgt cattgatgag atccgggact 1500

tgctatacat tggcaaggat cgcaaaaacc caagggagga ttatctggat gtctatgtgt 1560

ttggggtcgg gcctttggtg aaccaagtga acatcaatgc tttggcttcc aagaaagaca 1620

atgagcaaca tgtgttcaaa gtcaaggata tggaaaacct ggaagatgtt ttctaccaaa 1680

tgatcgatga aagccagtct ctgagtctct gtggcatggt ttgggaacac aggaagggta 1740

ccgattacca caagcaacca tggcaggcca agatctcagt cattcgccct tcaaagggac 1800

acgagagctg tatgggggct gtggtgtctg agtactttgt gctgacagca gcacattgtt 1860

tcactgtgga tgacaaggaa cactcaatca aggtcagcgt aggaggggag aagcgggacc 1920

tggagataga agtagtccta tttcacccca actacaacat taatgggaaa aaagaagcag 1980

gaattcctga attttatgac tatgacgttg ccctgatcaa gctcaagaat aagctgaaat 2040

atggccagac tatcaggccc atttgtctcc cctgcaccga gggaacaact cgagctttga 2100

ggcttcctcc aactaccact tgccagcaac aaaaggaaga gctgctccct gcacaggata 2160

tcaaagctct gtttgtgtct gaggaggaga aaaagctgac tcggaaggag gtctacatca 2220

agaatgggga taagaaaggc agctgtgaga gagatgctca atatgcccca ggctatgaca 2280

aagtcaagga catctcagag gtggtcaccc ctcggttcct ttgtactgga ggagtgagtc 2340

cctatgctga ccccaatact tgcagaggtg attctggcgg ccccttgata gttcacaaga 2400

gaagtcgttt cattcaagtt ggtgtaatca gctggggagt agtggatgtc tgcaaaaacc 2460

agaagcggca aaagcaggta cctgctcacg cccgagactt tcacatcaac ctctttcaag 2520

tgctgccctg gctgaaggag aaactccaag atgaggattt gggttttcta taaggggttt 2580

cctgctggac aggggcgtgg gattgaatta aaacagctgc gacaacaaaa aaaaaaaaaa 2640

aaaaaa 2646

<210> 2
<211> 9001
<212> DNA
<213> Homo sapiens

<400> 2
ggaggtgagg gtctcaggtt ggggatgctg ggatccccct gtgacagctc ccagaatgtc 60

tctcttcctt ctccaggtct ggctgctttc tctctctgac gcgggtcacc cctcctccca 120

agcctcacaa acctgctagg tgtccctggg tctgcttatt ctttttttgt tgttattgag 180

atggagtctt gctctgtctc ccaggctgga gtgcagtggc acgacctcag ctcactgcaa 240

cttctgcctc ctgggttcaa gcgattctcc tacttcagcc tcccgagtag ctgagattac 300

aggtgcccac caccacacca gctaattttt gtatttttag tagagacggg atttcgccat 360

gttggccagg atggtcttga actcctgacc tcaagtgatc tgcctgcctc aacctcccaa 420

agtgctgaga ttacaggcgt gagccactgc acccacccgg gtctgcttat tctacccttc 480

tctctggttc caccctgct gcagtggaca agctgtgccg aggttgtctc ccaagaaaaa 540

accatgttcc ccaacttgac agatgtcagg gaggtggtga cagaccagtt cctatgcagt 600

gggacccagg aggatgagag tccctgcaag ggtgagtccc tcaccatgcc tggattccca 660

aggggaaggc cacctgtgtc tctgtggcca gcatgcatgc cagaacacca gtccactgcc 720

ctagatgaca ctgtctcctg tcaccctttg ctggcaggag aatctggggg agcagttttc 780

cttgagcgga gattcaggtt ttttcaggtg agaaggtaga agcttgcagg acccaggggt 840

tacaggatct cagccttgtt ggggggatga gggaggcctt tgagggatct agggaggttg 900

gggcttacag ttggggctgt ggcagcctcc cagccagttc tctccttttc tccaggtggg 960

tctggtgagc tggggtcttt acaacccctg ccttggctct gctgacaaaa actcccgcaa 1020

aagggcccct cgtagcaagg tcccgccgcc acgagacttt cacatcaatc tcttccgcat 1080

gcagccctgg ctgaggcagc acctggggga tgtcctgaat tttttacccc tctagccatg 1140

gccactgagc cctctgctgc cctgccagaa tctgccgccc ctccatcttc tacctctgaa 1200

tggccaccct tagaccctgt gatccatcct ctctcctagc tgagtaaatc cgggtctcta 1260

ggatgccaga ggcagcgcac acaagctggg aaatcctcag ggctcctacc agcaggactg 1320

cctcgctgcc ccacctcccg ctccttggcc tgtccccaga ttccttccct ggttgacttg 1380

actcatgctt gtttcacttt cacatggaat ttcccagtta tgaaattaat aaaaatcaat 1440

ggtttccaca tctctcagtg cctctatctg gaggccaggt agggctggcc ttgggggagg 1500

gggaggccag aatgactcca agagctacag gaaggcaggt cagagacccc actggacaaa 1560

cagtggctgg actctgcacc ataacacaca atcaacaggg gagtgagctg gatccttatt 1620

tctggtccct aagtgggtgg tttgggctta ctggggagga gctaaggccg gagaggaggt 1680

actgaagggg agagtcctgg acctttggca gcaaagggtg ggacttctgc agtttctgtt 1740

tccttgactg gcagctcagc ggggccctcc cgcttggatg ttccgggaaa gtgatgtggg 1800

taggacaggc ggggcgagcc gcaggtgcca gaacacagat tgtataaaag gctgggggct 1860

ggtggggagc aggggaaggg aatgtgacca ggtctaggtc tggagtttca gcttggacac 1920

tgagccaagc agacaagcaa agcaagccag gacacaccat cctgccccag gcccagcttc 1980

tctcctgcct tccaacgcca tggggagcaa tctcagcccc caactctgcc tgatgccctt 2040

tatcttgggc ctcttgtctg gaggtaagcg agggtaacct tcccttcctg ctgtctccag 2100

catccctcct tggccttttg gggccaggct tcatcagcct ttctcttcag gtgtgaccac 2160

cactccatgg tctttggccc ggccccaggg atcctgctct ctggaggggg tagagatcaa 2220

aggcggctcc ttccgacttc tccaagaggg ccaggcactg gagtacgtgt gtccttctgg 2280

cttctacccg taccctgtgc agacacgtac ctgcagatct acggggtcct ggagcaccct 2340

gaagactcaa gaccaaaaga ctgtcaggaa ggcagagtgc agaggtttga gggcaatgag 2400

tgtgggcagt ggcctaaggc agaaacaggg caggcggcag caaggtcagg actaggatga 2460

gactaggcag ggtgacaagg tgggctgacc gggagtagga gcagttttag ggtggcaggc 2520

ggaaaggggg caagaaaaag cggagttaac ccttactaag catttaccct gggcttccag 2580

gcagccctgg aagtcaagag aacactcaga aatggggagg gagaagcagt ggaaatccat 2640

atgggttgag gagtaggtaa gatgctgctt ctgcgggact gggaatgcgc tgtttctcag 2700

tgacatggtc tccgagacca ggagggatac acctaaggca gcctttccct cttgatgact 2760

tctacttgtc ccccttctc aaagcaatcc actgtccaag accacacgac ttcgagaacg 2820

gggaatactg gccccggtct ccctactaca atgtgagtga tgagatctct ttccactgct 2880

atgacggtta cactctccgg ggctctgcca atcgcacctg ccaagtgaat ggccgatgga 2940

gtgggcagac agcgatctgt gacaacggag gtgagaagca tcccctcccc ctacattgct 3000

gtctccctga cggcgcccag cccgaggagt gggcactcgg ctccggacac tgtaactctt 3060

gctctctacc ttgctcacgg ggcctcaggc ttcagtgctt acctcgatgt ctcatacctc 3120

tgcagcgggg tactgctcca acccgggcat ccccattggc acaaggaagg tgggcagcca 3180

gtaccgcctt gaagacagcg tcacctacca ctgcagccgg gggcttaccc tgcgtggctc 3240

ccagcggcga acgtgtcagg aaggtggctc ttggagcggg acggagcctt cctgccaagg 3300

tgacctttga cctgtacccc caggtcagat cctggtcttc catcctactg tcttctctcc 3360

ccacctcaac cctgctcttt cctcactttg tttaaacctc cctgtacaac tatctcactt 3420

ctgagccttt tataccctgg aaacccatga tcccccgtct ctttggtcac tgtatccctg 3480

acactcccag acatttgacc tcatttctga ctctcccaga ctccttcatg tacgacaccc 3540

ctcaagaggt ggccgaagct ttcctgtctt ccctgacaga gaccatagaa ggagtcgatg 3600

ctgaggatgg gcacggccca ggtttgaaga cagagaaggg aggcagggca gggaactggg 3660

ggaaaatgga gaagggacag aactgttaat gctggagcct gagccactct cctggcaccc 3720

aggggaacaa cagaagcgga agatcgtcct ggacccttca ggctccatga acatctacct 3780

ggtgctagat ggatcagaca gcattggggc cagcaacttc acaggagcca aaaagtgtct 3840

agtcaactta attgagaagg tggaatcctc ctatccctga actcggggga atggaatctc 3900

gctgatcttc caggactagc tccctgatca ttccagcccc tctgaacaac agggccccag 3960

gaaaatctcc aggtcctatt ctgtcctcct tccctttac ttgaagcagt ttcttgactg 4020

gtaattcctc catgaacctc agcccttgag cctcttactg agagcctccc tgtcccagca 4080

aagtcgctga aatctcccaa tcacagtatt ctattttcaa tgccatggcg ccttgttctc 4140

ctcacccaca ggtggcaagt tatggtgtga agccaagata tggtctagtg acatatgcca 4200

cataccccaa aatttgggtc aaagtgtctg aagcagacag cagtaatgca gactgggtca 4260

cgaagcagct caatgaaatc aattatgaag gtcagaggtt agggaatggt gggaggttca 4320

ctttggggtc aggaggttca gggtggaggg ggtcatgaga ctaccttgag ggcgacaggg 4380

aggaccactt tgtagtcaaa agttgaacag caggatcgtt gggcaatgga ggttagtggg 4440

aacctgttgg gggctggaag ggccactttg tggtcaaagg gaagtccgtg taatgatgat 4500

taacttaaaa agttgaaaga tgtgggattt cagttgcaga ttggtctctg gggttaaaag 4560

atggcttgga agaccaggtg aggtgatggt ctcttccctc tccacagacc acaagttgaa 4620

gtcagggact aacaccaaga aggccctcca ggcagtgtac agcatgatga gctggccaga 4680

tgacgtccct cctgaaggct ggaaccgcac ccgccatgtc atcatcctca tgactgatgg 4740

tcagaaggga cctctctcct gtcccagcct ccccaccttc tcagaccagc atgtggccct 4800

taagtccact tgtaacacta tacccatggt tggggccctg aatgtgactc atagctggct 4860

gttcatctct cctgtgaccc ttcataagga attcttccta agccctgtga tcaactatct 4920

ctaacccttc ctcaacttgc tcaccctgcc atgtgtatcc ctgcctttag ccagtttatc 4980

ttccttatct cctaccctca tggtcctgtc tcttctgcag gattgcacaa catgggcggg 5040

gacccaatta ctgtcattga tgagatccgg gacttgctat acattggcaa ggatcgcaaa 5100

aacccaaggg aggattatct gggtgagtaa cctgcctagg acccagcacc ccacttcctc 5160

agggcttgga ccctcatcct tccttttat ccctcagatg tctatgtgtt tggggtcggg 5220

cctttggtga accaagtgaa catcaatgct ttggcttcca agaaagacaa tgagcaacat 5280

gtgttcaaag tcaaggatat ggaaaacctg gaagatgttt tctaccaaat gatcggtagg 5340

gagatacaag ggaataaaga acacaactct cctcaggttc ccctgaagta attcattctt 5400

cctctacacc tgaagctcta gttgcctgga aagccttctt cattcctcct tctctacctc 5460

agtgtcacta ttcttgtttc ctggcactgt tcacttaacc ttagaatcac agagctctga 5520

gcacttcaga gatctttcta tagtcctaca tttgacacgt ggaaacagaa gccaaaggag 5580

gtcaagggac agcaagttag caacaagggt gggcttgaaa acagccaggc ctctgacagc 5640

ttgatcccaa gttctttccc ttttcagtcc accatagcag ttttctccta acacgaggaa 5700

acaaataccc gtggtctttc cctttctcct tttgggcctt tgctccccat agactcctac 5760

ccaaaaggct gctgccattt gggaatgaag tgttccgagt tttcagcaca ttctccttct 5820

ctgccagatg aaagccagtc tctgagtctc tgtggcatgg tttgggaaca caggaagggt 5880

accgattacc acaagcaacc atggcaggcc aagatctcag tcattgtaag cacagaatcc 5940

cagtagtggg gacttggggg aggtgaggtc aaggtgaaat gggagtaggg gaaggaaaaa 6000

atggccataa gagatggtgg tttgtgaaag ttgagctttc cctctctact gttgtgtccc 6060

cagcgccctt caaagggaca cgagagctgt atgggggctg tggtgtctga gtactttgtg 6120

ctgacagcag cacattgttt cactgtggat gacaaggaac actcaatcaa ggtcagcgta 6180

ggtaaggatg caactgaagg tcctgggctg cacctatgct ctccaggcaa cacctcccac 6240

tttctacaga tcctacactc cacccatcct caatgcagcc ccattccttg caccccagac 6300

cagtcaggga tgggggaaga cgtgaagtta ggaatgacac ggggccagag gcaggaagct 6360

gcccacaaag aggtggtacc tactctccta cttcaggagg ggagaagcgg gacctggaga 6420

tagaagtagt cctatttcac cccaactaca acattaatgg gaaaaaagaa gcaggaattc 6480

ctgaatttta tgactatgac gttgccctga tcaagctcaa gaataagctg aaatatggcc 6540

agactatcag gtgagagcgt ccagatccct gaggaaaggc tgggaaaggc tggaggactg 6600

gggtgaggag caggcctggt ttgctgttct ccttgtcctt tataggccca tttgtctccc 6660

ctgcaccgag ggaacaactc gagctttgag gcttcctcca actaccactt gccagcaaca 6720

aagtaagaca tacttggcaa gaggataagg atgagatccc aagagacaag tggggcatga 6780

gagggaggtg caataggaag agatgatgcc tggcccagaa cctagctcta gaagggctta 6840

ggggacatct actgagtgac aaaggcaatg gggagatgac agtggtggga gcagctgaag 6900

tgacgcagtc tattcgtcca gaggaagagc tgctccctgc acaggatatc aaagctctgt 6960

ttgtgtctga ggaggagaaa aagctgactc ggaaggaggt ctacatcaag aatggggata 7020

aggtgagaaa cgggcatcct aaggaggcac tctaggcccc aatccttcct aagccacttc 7080

tgttcattac ttctccatgc ttcccacctc ccctacagaa aggcagctgt gagagagatg 7140

ctcaatatgc cccaggctat gacaaagtca aggacatctc agaggtggtc acccctcggt 7200

tcctttgtac tggaggagtg agtccctatg ctgaccccaa tacttgcaga ggtgagagaa 7260

tgctctttgg ttgtgctaca agtgcccaag gcccaacagt ccttttctct acagcttctc 7320

ctctccttgc aggtgattct ggcggcccct tgatagttca caagagaagt cgtttcattc 7380

aagtgagtcc tccctttcct atctggggag atgccaagtg gtcagcatgg gccccaaagc 7440

aggaaagctc aatgcatgtg gctagtaatt cgaggtaggc agagcctgcc tcaccttagg 7500

accgcatgtc ttgcctgcgt gtgtcaagaa cgaggctgag ctgggtccct agtctgattc 7560

ctttaggtca gctaagacac aagcaggaac agccatgctt ccaggattag gaattctact 7620

gaatgatcca tggcacccca ctgcctctgc aggttggtgt aatcagctgg ggagtagtgg 7680

atgtctgcaa aaaccagaag cggcaaaagc aggtacctgc tcacgcccga gactttcaca 7740

tcaacctctt tcaagtgctg ccctggctga aggagaaact ccaagatgag gatttgggtt 7800

ttctataagg ggtttcctgc tggacagggg cgtgggattg aattaaaaca gctgcgacaa 7860

cacctgtgtt ccagatcctt ttggggcaag ggagtgggga acaggcactg gccatgttgt 7920

tacactgaga tcaaacctga cagccgtttt taaaggttta accccaatcc caagtgctga 7980

aaaaccagag gctgagggag atgtgtaagc ttccacctca gtgttttact gagaccagca 8040

ttggggcata tgaggcacaa ggaatccagc tctgttccct agaagccatc cacaaggttt 8100

tccttgtaga cgtcatcact gtagacaatc tgggtcctct tgtcccggtg gcaaccctta 8160

gggctgttct ggacagctag ggagggagga gaggaacagt taaggtctaa aggagatcat 8220

agaacagacc ctgaggctga ctcctgacca cctcactcct ggccactggc ccctggaagc 8280

ccagtttcca cgctgccctc tggtggccag gatggcctgt cttccttagc tcctttgtgc 8340

caacccatgg ccaagaaaag tataagtgga cattttgatg aatgttttgt tcttagaaaa 8400

atcccaaatg tcattgttga gacacgtgaa tgatattaac ccactactta cagtcagtat 8460

gtcagaagct aaaaactaga aaacctctgt agccctttt tgacatgctg gtcaattcta 8520

gttccttttct tttgcctgaa gggccactgt agctgagccc ttctttctgc tcactccttt 8580

cccaggaaaa tctactttca gggaaaatgg attattcaca ctaagaaatg ctactagctc 8640

caccagaact cattcagggt gtagctttgg ccctcaccat tctctctcaa gcctctagct 8700

gtttcttccc cttcctcttt cctccctcca ccagacatgt tactctcttc accccatcca 8760

atggttccat ccccaccacc cttgagctac agagaatctc tctcacccac tcccatcctg 8820

tgatctctgt gcctcaacac tgctggctac tccctctttc tcaaagtgtg tgtccttttg 8880

cttcagtggc ccaggcccct gcggtgctgc tcccagccct ccgacccctc ctcctgtctc 8940

ctttgctaac gttaggctca acgttagcct aacatgtcag gacagctggg gacatgtggg 9000

g 9001

<210> 3
<211> 9001
<212> DNA
<213> Macaca mulatta

<400> 3
gatggaatct tgctctgtct cccacactgg agtgcagtgg cacgatcttg gctcactgcg 60

acttctgcct cccagattta agtgattctc ctacctcggc ctcccaagta gctgggatta 120

taggtgcttg ccaccacatg cagctaattt ttgtattttt agtagagaca ggattccgcc 180

atgttggcca ggatggtctt gaactcctga cctcaagtga ttcgcccacc tcagcctccc 240

aaactgctgg gattacaggc gtgagccatt gcacccagtc aggtctgctt attcttccct 300

tctctctggt tccaccccta cggcagtgga caagctgtgc cgaggtcgtc tcccaagaaa 360

aaaccatgtt ccccaacttg acagatgtca gggaggtggt gacagaccag tttctatgca 420

gtgggaccca ggaggatgag agtccctgca agggtgagtc cctcaccatg cctggattcc 480

caaaggggaa ggccacctgt gtctctgtgg ccagggtgca tgccagaaca ccagtccact 540

gccctgtatg acgctgtctc ctgtcaccct ttgctggcag gagaatctgg gggagcagtt 600

ttccttgagc ggagattcag gtttttcag gtgagaaggt ggaagcttgc aggacccagg 660

ggttacagga tgtcagcctt gttgggggga tgagggaggc ctttgaggga tctagggagg 720

ttggggctta cagctggagc tgtggcagcc tcccagccag ttctctcctt ttctccaggt 780

gggtctggtg agctggggtc tttacaaccc ctgccttggc tctgctgaca aaaactcccg 840

caaaagggcc cctcgtagca aggtcccgcc gccacgagac tttcacatca atctcttccg 900

catgcagccc tggctgaggc agcacctggg ggatgtcctg aatttttac ccctttagtc 960

atggccactg agccctctgc tgtcctgtta gaatccgccc cccctccatc ttctacctct 1020

gaatgcccac ccttagactc tgtgacccat gctgtctcct agttgagtaa atctgggtct 1080

ctaggatgcc aggggcagcg cacacaagct gggaaatcct cagggctcct accagcggga 1140

ctgcctcgct gccccacctc ccgctccttg gcctgtcccc aaattcctcc cctggttgac 1200

ttgactcatg ctcatttcac tttcatatgg aatttcccag ttatgaaatt aataaaaatc 1260

agtggtttcc acatctgtct gtgactctat ctggaggcca ggtagggctg gcctgggggg 1320

aaggggaggc cagaatgact ccaagagcca caggaaggca ggtcagagac cccactggac 1380

aaacagtggc tggactctgt accataacac acaagcaaca ggggagtgag ctggatcctt 1440

atttctggtc cctaagtggg tggtctgggc ttgctgggga ggagctgagg ccagaaggag 1500

gtactgaagg ggagagtcct ggaccttggg cagcaaaggg tgggacttct gcagtttctg 1560

cttccttgac tggcagctca gcggggccct cccgcttgga tgttccggga aagtgatgag 1620

ggtaggacag gcggggcaag ctgcaggtgc cagaacacag attgcataaa aggccgggag 1680

ctggtggggg gcaggggaag ggaatgtgac caggtctagg tctggagttt cagcttggac 1740

actgagctaa gtagacaagc aaaacaagcc aggacacgcc atcctgcccc aggcccagct 1800

tctctcctgc cttctaacgc catggggagc agtctcagcc cccagctcta cctgatgccc 1860

ttcatcttgg gcctcttatc tggaggtaag tgagggtaac cttcccttcc tgctgtcccc 1920

agcatccctc cttggccttt tggggccagg cttcatcagc ctttctcttc aggtgtgacc 1980

accactccat tgtcttcggc ccagcctcaa ggatcctgct ctctggaggg ggtagagatc 2040

aaaggtggct ccttccgact tctccaagag ggccaggcac tggaatacgt gtgtccttct 2100

ggcttctacc cgtaccctgt gcagacacgt acctgcagat ccacggggtc ctggagcacc 2160

ctgcagactc aagatcgaaa aactgtcaag aaggcagagt gcagaggttt gagggcaatg 2220

agtgtgggca gtggcctaag ggagaaacag ggcagatggc agcaaggtca ggactaggat 2280

gagactaggc agggtgacaa ggtgggctga ccaggagtag gagcagtttt agggttgtag 2340

agggaaagga agggaaaaaa aaaggggagt taacctttag taagcattta ccctgggctt 2400

ccacgcagcc ctggaagtca agagaacact cagcaatggg gagggaggag cagcggaaac 2460

ccctatgggt tgaagggtag gtaagatgca gcttctgcag gactgggaat gctctgtttc 2520

tcagtgacct ggtctctgag accaggaggg aaacacctaa ggcagccttt ccctcttaat 2580

gacttctact tctcccctct tctcaaagca atccgctgtc cacgaccaca ggacttcgag 2640

aacggggaat accggccccg gtctccctac tacaatgtga gtgatgagat ctctttccac 2700

tgctatgacg gttacactct ccggggctct gccaatcgca cctgccaagt gaatggccgg 2760

tggagtgggc agacagcgat ctgtgacaac ggaggtgaga agcatcctct ccccccacat 2820

tgctgtctcc ctgacagcgc ctagcctgag gagtgggcat ttgcccccgg acactgtaac 2880

tcttgctctc taccttgccc tcggggcctc aggcttcagc gcttacctcc atgtctcatg 2940

cctctgcagc ggggtactgc tccaacccag gcatccccat tggcacaagg aaggtgggca 3000

gccggtaccg ccttgaagac agcgtcacct accactgcag ccgggggctt accctgcgtg 3060

gctcccagcg gcgaacatgt caggaaggtg gctcttggag cgggacggag ccttcctgcc 3120

aaggtgaccc ttgacctgta cccccaggtc agatcctgat cttgcatcct actgtcttct 3180

ctccccacct caaccctgct ctttcctcac ttcttttaaa ccttcctcta gaactgtctc 3240

acttctgagc cttttctacc ctggaaaccc acaatcccct gtctctttgg tcactgtgtc 3300

cctgacactc ccagacattt gacctcattt ctgactctcc cagactcctt catgtacgac 3360

acccctcaag aggtggccga agctttcctg tcttccctga cggagaccat agaaggagtc 3420

gatgccgagg atgggcacag cccaggtttg aaggcagaga ggggaggcaa ggcagggaac 3480

tgggggaaaa tggagaaggg acaagataat cgttcatgct ggagcctgag tcactctcct 3540

ggcacccagg ggaacaacag aagcggagga tcatcctaga cccttcaggc tccatgaaca 3600

tctacctggt gctagatgga tcagacagca ttggggccgg caacttcaca ggagccaaaa 3660

agtgtctagt caacttaatt gagaaggtgg agtcctccta tccctgaact tgggggaatg 3720

gaatcttgct gatcttccag gactagctcc ctgatcattc cagcccctct gaaccgcagg 3780

gccccaggaa agtctccagg tcctattctg tcctccttcc cttgtacttg attcctccat 3840

gaacctgtgc ttgagcctct tcctaagagc ctccctgtcc cagcaacgtt gctgaagtct 3900

cccaatcaca gtattctact ttcaatgcca tggcgccttg ttctcctcac ccacaggtgg 3960

caagttatgg tgtgaagcca agatatgctc tagtgacata tgccacatac cccagaattt 4020

gggtcaaagt gtctgaccaa gagagcagca atgcagactg ggtcacgaag aagctcagtg 4080

aaatcaatta tgaaggtcag aggttaggga atggtgggag gttcactttg gggtcaggag 4140

gttcaggagt gttgtgtgga gggggtcatg agactacctt gagggcaaca gggggaccac 4200

tttgtagtca aaggttgaac agcaggatca ttgggcaatg gaggttagtg ggaacctgct 4260

gagggctgga agggccactt tgtggtcaaa gggaagtcca tatgatgatt aacttaaaaa 4320

gttgaagatg tgagatttca gttgcagatt ggtctctggg gttaaaagat ggcttggaag 4380

accaggtgag gcgatgctct cttccctccc cacagaccac aagttgaagt cagggactaa 4440

caccaagagg gccctccagg cagtgtacag catgatgagt tggccagagg acatccctcc 4500

tgaaggctgg aaccgcaccc gccatgtcat catcctcatg accgatggtc agaagggacc 4560

tctctcctgt cccagcctcc ccaccttctc agaccagcat gtggcccttа agtccacttg 4620

taacactata cccatggttg gggccctgaa tgtgactcgt aactggctgt tcatctctcc 4680

tgtgaccctt cataaagaat tattcctaaa gccctgtgat caactacctc taacccttcc 4740

tcaacttact caccctgcca cgtgtatcac tgcctctagc caatttatct tatctcctac 4800

cctcatggtc ccgtctcttc tgcaggattg cacaacatgg gcggggaccc aattactgtc 4860

attgatgaga tccgggactt gttatacatc ggcaaggatc gtaaaaaccc gagggaggat 4920

tatctgggtg agtaacctgc ctaggaccca gcaccctact tcctcagggc ttggaccgtc 4980

atccttcctt tttctccctc agatgtctat gtgtttgggg ttggaccttt ggtggaccaa 5040

gtgaacatca atgctttggc ttccaagaaa gacaatgagc aacatgtgtt caaagtcaag 5100

gatatggaaa acctggaaga cgttttcttc caaatgattg gtaggcagac acaagggaat 5160

caagaacgca actctcctca gcttcccctg aaataattca ttcttcctct acccctgaag 5220

ctctagttgc ctggaaagcc ttcttcattc ctccttctct acctcagtat cactattctt 5280

gtttcctggc actgtttgct tcttaacctt agaatcacag agctctaggc acttcagaga 5340

tctttctatt gtcctacatt tgacacatgt ggaaacaaag gccaaaggag gtcaaggggc 5400

agcaagctag caacagggct gggcttgaaa acagccaggc ctctgatagc ttgatcccaa 5460

gttctttccc ttttcactcc accacagcag ttttctccta acacgaggaa acaaatacct 5520

gtggcctttc cctttctcct tttgggcctc tgcccccac agacttctac ccaaaggctg 5580

ctgccgtttg ggaatgaagt gttccaagtt ttcagcacat tctccttctc tgccagatga 5640

aagccagtct ctgagtctct gtggcatggt ttgggaacac agcaagggta ccgattacca 5700

caagcaacca tggcaggcca agatctcagt cactgtaagc acagaatccc agtagtgagg 5760

acttggggga ggtgaggtca aggtgaaatg ggagtagggg aagggcaaaa tggccgtaag 5820

agatggtggt ttgtgaaagt tgagttttcc ctttctactg ttctgttccc agcgcccttc 5880

gaagggacat gagagctgta tgggggctgt ggtgtctgag tactttgtgc tgacagcagc 5940

acattgtttt actgtggacg acaaggaaca ctcaatcaag gtcagcgtgg gtaaggatgc 6000

aactgaaggt cccgggctgc acctacgccc tccaggcaac acctcccact ttctacagat 6060

cccacactcc actcatctgc aatgcagccc catcccttgc accccagacc agtcagggat 6120

ggggaagact tgaagttagg aatgacatgg ggccagaggc aagaagctgc ccacaaagag 6180

gtggtaccta ttctcctact tcaagggaag aagcgggacc tggagataga aaaagtccta 6240

tttcaccccg actacaacat tagcgagaaa aaagaagcag gaattcctga attttatgac 6300

tatgacgttg ccctgatcaa gctcaagaat aagttgaatt atgacccgac tatcaggtga 6360

gagcatccag atccctgagg aaaggctggg aaaggctgga ggactggggt gaggagcagg 6420

cctagtttgc tgttctttct ccatccttta taggcccatt tgtctcccct gcaccgaggg 6480

aacaactcga gctttgaggc ttcctccaac taccacttgc cagcaacaga gtaagacata 6540

ctaggggga ggataaggat gagatcccga gacaagtgag gcatgagagg gagatgcaat 6600

aggaagagac gatgcctggc ccagaaccta gcactaggaa gggcttaggg gacatctgct 6660

gagtgacaaa gtcaataggg agatgacagt ggtgggagca gctgaagtga tgcagtctat 6720

ttgtccagag gaagagctgc tccctgcaca ggatatcaaa gctctgtttg tgtctgagga 6780

ggagaagaag ctgactcgga aggaggtcta catcaagaat ggggataagg tgagaaatgg 6840

gcatcctaag gaggcactct aggccctaat ccttcctaag ccacctctgt tcattacctt 6900

tctccatgct tcccacctcc cctacagaaa ggcagctgtg agagagatgc tcaatatgcc 6960

ccaggctatg acaaagtcaa ggacatctcg gaggtggtca cccctcggtt cctttgtact 7020

ggaggagtga gtccctatgc tgaccccaat acttgcagag gtgagagaac gctctctggt 7080

tgtgctccaa gtgcccgagg gccaagagtc cttttcccta cagcttctcc tctccttgca 7140

ggtgattctg gcggcccctt gatagttcac aagagaagtc gtttcattca agtgagtcct 7200

ccctttccta tctggggaga tgccaagtgg tcagcatggg ccccaaagca ggaaagcaca 7260

atgcatgtgg ctagtaattc gaggtgggca gagcctgcct cactttagga ctgcatgtct 7320

ggcctgtgtg tgtcaagaat gaggctgagc tgggtcccta gcctgattcc tttaggtcag 7380

ctaagacaca atcaggaaca gtcatgcttc caggattagg aattctatga atgatccatg 7440

gcaccccact gcctctgcag gttggtgtca tcagctgggg agtagtggat gtctgcaaaa 7500

accagaagcg gcaaaagcag gtacctgctc acgcccgaga ctttcacgtc aacctcttcc 7560

aagtgctgcc ctggctgaag gagaaactcc aagatgagga tttgggtttt ctctaagggg 7620

tttcctgctg gacaggggcg cgggattgaa ttaaaacagc tgcgacaaca cttgtgttcc 7680

agatcctttt ggggcaaggg agtggggaac gggcactggc catgttgtta cactgagatc 7740

aaacctgaca cccattttta aaggcttaac cccaatccca agtgctgaaa aaccagaggc 7800

tgagggagat atgtaagctt ccacctcagt gttttactga gaccagcatt ggggcatttg 7860

aggcacaagg aatccagctc tgttccctag aagccatcca caaggtttc cttgtagacg 7920

tcatcactgt agacaatctg ggtcctcttg tcccggtggc aacccttagg gctgttctgg 7980

acagctaggg agggaggaga ggaacagtta aggtctaaag gagatcatag atcagaccct 8040

gaggctgact cctgaccacc tcagtcctgg ctgctggccc ctggaaaccc agtttccacg 8100

ctgccctctg gtggccagga tggcctgtct tccttagctc ctttgtgcca acccatggcc 8160

aaggagagtg taagtggaca ttttgatgaa tgttttgttc ttagaaaaat cccaaatgtc 8220

attgttgaga tatatgaatg atattaaccc actacttata gtcagtatgt cagaagctaa 8280

aaactagaaa acctctgtag ccctttattg acatgctggt caactctagt tcctttcttt 8340

tgcctgaaag gccactgttg ctctgagtcc ttctttctgc tcactccttt cccaggaaaa 8400

tctactttca ggtaaatggg ttactcatac taaggaatgc tactagctcc accagaactc 8460

atccagcatg tagctttggc cctcaccatt ctctctcaag cctctagctg tttcttcccc 8520

ttcctctttt cctccctcca ccagacatgt tactctcttc accccatcca aagattccat 8580

ccccaccacc cttgacctag agagaatctc tcccacccac ttctcatcct gtgatctctg 8640

taccttgaca ctgctggcta ctccctcttt ctcaaagcat gtgtcctttc gcttcagtgg 8700

cccaggcccc tctggtgctg ctcccagccc tctgacccct cctcctgtct cctttgctaa 8760

cgttaggctc aacgttagcc taacgtgtca ggagagctgg agacacgtgg ggcgtaaggt 8820

ggacagtcct gtttcctaac atagtccctg agtattcctc aagtctagtc ctgggtcgtt 8880

ttttttctcc gaaatcagtc tccctcatga tcggggagcc accctgtgat gcagatgact 8940

taatctatgt tttcattcct tacctcacac ctgagttcca gacccctaat ttcaaatact 9000

t 9001

<210> 4
<211> 4086
<212> DNA
<213> Macaca mulatta

<400> 4
atagatatat tagcatcagg gagacagggc aaaggttcca cccttcagct cagtccccag 60

tccctgctta ttatttccct aacagaagac catccccctt gccactccct gggttttctt 120

ctctggcagc aatgaagcag ctgctgagcc agctctggtt ttcgggaagt cagatgacct 180

tttccctccc gcggctctct gcctctcgct gtccctaggg aggacaccat ggacccactg 240

atggttcttt tttgcctgct gttcctgtac ccaggtccgg cagactcggc tacctcctgc 300

cctcagaacg tgaatatctc tggtggcacc ttcaccctca gccatggctg ggcccctggg 360

agccttctca tctactcctg tccccagggc ctgtacccat ccccagcgtc acggctgtgc 420

aagagcagcg gacagtggca gaccccaaga gccacccggt ctctgactaa ggcggtctgc 480

aaacctggcc actgccccaa ccccggcatt tcgctgggcg cggtgcggac aggctcccgc 540

tttggtcatg gggacaaggt ccgctatcgc tgctcctcga atcttgtgct cacggggtct 600

gcggagcggg agtgccaggg caacggggtc tggagtggaa cggagcccat ctgccgccag 660

ccctactctt atgacttccc tgaggacgtg gcccctgccc tgggcacctc cttctcccac 720

atgcttgggg ccaccaatcc cacccagagg acaaaggatc atgaaaatgg aactgggact 780

aacacctatg cagccctaaa cagtgtctat ctcatgatga acaatcaaat gcaactcctt 840

ggcatgaaaa cgatggcctg gcaggaaatc cgacatgcca tcatccttct gacagatgga 900

aagtccaata tgggtggctc tcccaaaaca gctgttgacc aaatcagaga gatcttgaat 960

atcaaccaga agaggaatga ctatctggac atctatgcca tcggggtggg caagctggat 1020

gtggactgga gagaactgaa tgagctgggg tccaagaagg atggcgagag gcatgccttc 1080

attctgcagg acacaaaggc tctgcaccag gtctttgaac atatgctgga tgtctccaag 1140

ctcacagaca ccatctgcgg ggtggggaac atgtcagcaa acgcctctga ccaagagagg 1200

acaccctggc atgtcactat taagcccaag agccaagaga cctgccgggg agccctcatc 1260

tccgaccaat gggtcctgac agcggctcac tgcttccgcg atggcaacga ccactcccta 1320

tggagggtca atgtgggaga ccccaaatcc cagtggggca aagaattcct tattgagaag 1380

gcagtgattt ccccaggatt tgatgtcttt gccaaaaaga accagggaat cctggagttc 1440

tatggtgatg acatcgccct gctgaagctg gcccagaaag taaagatgtc cacccatgcc 1500

aggcccatct gccttccctg caccatggag gccaatctgg ctctgcggag acctcaaggc 1560

agcacctgta gggaccatga gaatgaactg ctgaacaaac agagtgttcc tgctcatttt 1620

gtcgccttga atgggagcaa actgaacatt aaccttaaga tgggagtgga gtggacaagc 1680

tgtgccgagg tcgtctccca agaaaaaacc atgttcccca acttgacaga tgtcagggag 1740

gtggtgacag accagtttct atgcagtggg acccaggagg atgagagtcc ctgcaagggt 1800

gtgaccacca ctccattgtc ttcggcccag cctcaaggat cctgctctct ggaggggtga 1860

gagatcaaag gtggctcctt ccgacttctc caagagggcc aggcactgga atacgtgtgt 1920

ccttctggct tctacccgta ccctgtgcag acacgtacct gcagatccac ggggtcctgg 1980

agcaccctgc agactcaaga tcgaaaaact gtcaagaagg cagagtgcag agcaatccgc 2040

tgtccacgac cacaggactt cgagaacggg gaataccggc cccggtctcc ctactacaat 2100

gtgagtgatg agatctcttt ccactgctat gacggttaca ctctccgggg ctctgccaat 2160

cgcacctgcc aagtgaatgg ccggtggagt gggcagacag cgatctgtga caacggagcg 2220

gggtactgct ccaacccagg catccccatt ggcacaagga aggtgggcag ccggtaccgc 2280

cttgaagaca gcgtcaccta ccactgcagc cgggggctta ccctgcgtgg ctcccagcgg 2340

cgaacatgtc aggaaggtgg ctcttggagc gggacggagc cttcctgcca agactccttc 2400

atgtacgaca cccctcaaga ggtggccgaa gctttcctgt cttccctgac ggagaccata 2460

gaaggagtcg atgccgagga tgggcacagc ccaggggaac aacagaagcg gaggatcatc 2520

ctagaccctt caggctccat gaacatctac ctggtgctag atggatcaga cagcattggg 2580

gccggcaact tcacaggagc caaaaagtgt ctagtcaact taattgagaa ggtggcaagt 2640

tatggtgtga agccaagata tgctctagtg acatatgcca cataccccag aatttgggtc 2700

aaagtgtctg accaagagag cagcaatgca gactgggtca cgaagaagct cagtgaaatc 2760

aattatgaag accacaagtt gaagtcaggg actaacacca agagggccct ccaggcagtg 2820

tacagcatga tgagttggcc agaggacatc cctcctgaag gctggaaccg cacccgccat 2880

gtcatcatcc tcatgaccga tggattgcac aacatgggcg gggacccaat tactgtcatt 2940

gatgagatcc gggacttgtt atacatcggc aaggatcgta aaaacccgag ggaggattat 3000

ctggatgtct atgtgtttgg ggttggacct ttggtggacc aagtgaacat caatgctttg 3060

gcttccaaga aagacaatga gcaacatgtg ttcaaagtca aggatatgga aaacctggaa 3120

gacgttttct tccaaatgat tgatgaaagc cagtctctga gtctctgtgg catggtttgg 3180

gaacacagca agggtaccga ttaccacaag caaccatggc aggccaagat ctcagtcact 3240

cgcccttcga agggacatga gagctgtatg ggggctgtgg tgtctgagta ctttgtgctg 3300

acagcagcac attgttttac tgtggacgac aaggaacact caatcaaggt cagcgtggga 3360

gggaagaagc gggacctgga gatagaaaaa gtcctatttc accccgacta caacattagc 3420

gagaaaaaag aagcaggaat tcctgaattt tatgactatg acgttgccct gatcaagctc 3480

aagaataagt tgaattatga cccgactatc aggcccattt gtctcccctg caccgaggga 3540

acaactcgag ctttgaggct tcctccaact accacttgcc agcaacagaa ggaagagctg 3600

ctccctgcac aggatatcaa agctctgttt gtgtctgagg aggagaagaa gctgactcgg 3660

aaggaggtct acatcaagaa tggggataag aaaggcagct gtgagagaga tgctcaatat 3720

gccccaggct atgacaaagt caaggacatc tcggaggtgg tcacccctcg gttcctttgt 3780

actggaggag tgagtcccta tgctgacccc aatacttgca gaggtgattc tggcggcccc 3840

ttgatagttc acaagagaag tcgtttcatt caagttggtg tcatcagctg gggagtagtg 3900

gatgtctgca aaaaccagaa gcggcaaaag caggtacctg ctcacgcccg agactttcac 3960

gtcaacctct tccaagtgct gccctggctg aaggagaaac tccaagatga ggatttgggt 4020

tttctctaag gggtttcctg ctggacaggg gcgcgggatt gaattaaaac agctgcgaca 4080

acactt 4086

<210> 5
<211> 2767
<212> DNA
<213> Mus musculus

<400> 5

gctccatcac acagtccatg gaaagactga tcttttaaat tgggggtagt ggaggtggtg 60

gtctgtgctt gttaggaggg gtctgggggc taagagggag ctttgaaagg gaagttctgg 120

cccttggtca gtcaagggtg gggctcacat agtttctgtt tcctcagttg gcagttcagc 180

tggggccctc cttcatgaat gttccgggaa gcagtggctg cgtgcgcagg gtaggctggc 240

caggctgcag atgccagagc agattgcata aaaggttagg ggacagtggg aaaggggtgt 300

agccagatcc agcatttggg tttcagtttg gacaggaggt caaataggca cccagagtga 360

cctggagagg gctttgggcc actggactct ctggtgcttt ccatgacaat ggagagcccc 420

cagctctgcc tcgtcctctt ggtcttaggc ttctcctctg gaggtgtgag cgcaactcca 480

gtgcttgagg cccggcccca agtctcctgc tctctggagg gagtagagat caaaggcggc 540

tcctttcaac ttctccaagg cggtcaggcc ctggagtacc tatgtccctc tggcttctac 600

ccataccccg tgcagactcg aacctgcaga tccacaggct cctggagcga cctgcagacc 660

cgagaccaaa agattgtcca gaaggcggaa tgcagagcaa tacgctgccc acgaccgcag 720

gactttgaaa atggggaatt ctggccccgg tccccttct acaacctgag tgaccagatt 780

tcttttcaat gctatgatgg ttacgttctc cggggctctg ctaatcgcac ctgccaagag 840

aatggccggt gggatgggca aacagcaatt tgtgatgatg gagctggata ctgtcccaat 900

cccggtattc ctattgggac aaggaaggtg ggtagccaat accgccttga agacattgtt 960

acttaccact gcagccgggg acttgtcctg cgtggctccc agaagcgaaa gtgtcaagaa 1020

ggtggctcat ggagtgggac agagccttcc tgccaagatt ccttcatgta tgacagccct 1080

caagaagtgg ccgaagcatt cctatcctcc ctgacagaga ccatcgaagg agccgatgct 1140

gaggatgggc acagcccagg agaacagcag aagaggaaga ttgtcctaga cccctcgggc 1200

tccatgaata tctacctggt gctagatgga tcagacagca tcggaagcag caacttcaca 1260

ggggctaagc ggtgcctcac caacttgatt gagaaggtgg cgagttacgg ggtgaggcca 1320

cgatatggtc tcctgacata tgctacagtc cccaaagtgt tggtcagagt gtctgatgag 1380

aggagtagcg atgccgactg ggtcacagag aagctcaacc aaatcagtta tgaagaccac 1440

aagctgaagt cagggaccaa caccaagagg gctctccagg ctgtgtatag catgatgagc 1500

tgggcagggg atgccccgcc tgaaggctgg aatagaaccc gccatgtcat catcattatg 1560

actgatggct tgcacaacat gggtggaaac cctgtcactg tcattcagga catccgagcc 1620

ttgctggaca tcggcaggga tcccaaaaat cccagggagg attacctgga tgtgtatgtg 1680

tttggggtcg ggcctctggt ggactccgtg aacatcaatg ccttagcttc caaaaaggac 1740

aatgagcatc atgtgtttaa agtcaaggat atggaagacc tggagaatgt tttctaccaa 1800

atgattgatg aaaccaaatc tctgagtctc tgtggcatgg tgtgggagca taaaaaaggc 1860

aacgattatc ataagcaacc atggcaagcc aagatctcag tcactcgccc tctgaaagga 1920

catgagacct gtatgggggc cgtggtgtct gagtacttcg tgctgacagc agcgcactgc 1980

ttcatggtgg atgatcagaa acattccatc aaggtcagcg tgggggtca gaggcgggac 2040

ctggagattg aagaggtcct gttccacccc aaatacaata ttaatgggaa aaaggcagaa 2100

gggatccctg agttctatga ttatgatgtg gccctagtca agctcaagaa caagctcaag 2160

tatggccaga ctctcaggcc catctgtctc ccctgcacgg agggaaccac acgagccttg 2220

aggcttcctc agacagccac ctgcaagcag cacaaggaac agttgctccc tgtgaaggat 2280

gtcaaagctc tgtttgtatc tgagcaaggg aagagcctga ctcggaagga ggtgtacatc 2340

aagaatgggg acaagaaagc cagttgtgag agagatgcta caaaggccca aggctatgag 2400

aaggtcaaag atgcctctga ggtggtcact ccacggttcc tctgcacagg aggggtggat 2460

ccctatgctg accccaacac atgcaaagga gattccgggg gccctctcat tgttcacaag 2520

agaagccgct tcattcaagt tggtgtgatt agctggggag tagtagatgt ctgcagagac 2580

cagaggcggc aacagctggt accctcttat gcccgggact tccacatcaa cctcttccag 2640

gtgctgccct ggctaaagga caagctcaaa gatgaggatt tgggttttct ataaagagct 2700

tcctgcaggg agagtgtgag gacagattaa agcagttaca ataacaaaaa aaaaaaaaaa 2760

aaaaaaa 2767

<210> 6
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 6
gctgagctgc cagtcaagga 20

<210> 7
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 7
ggccccgctg agctgccagt 20

<210> 8
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 8
cggaacatcc aagcgggagg 20

<210> 9
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 9
ctttcccgga acatccaagc 20

<210> 10
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 10
atctgtgttc tggcacctgc 20

<210> 11
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 11
gtcacattcc cttcccctgc 20

<210> 12
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 12
gacctggtca cattcccttc 20

<210> 13
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 13
gacctagacc tggtcacatt 20

<210> 14
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 14
actccagacc tagacctggt 20

<210> 15
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 15
gctgaaactc cagacctaga 20

<210> 16
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 16
gtccaagctg aaactccaga 20

<210> 17
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 17
ctcagtgtcc aagctgaaac 20

<210> 18
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 18
aggagagaag ctgggcctgg 20

<210> 19
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 19
gaaggcagga gagaagctgg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 20
gtggtggtca cacctccaga 20

<210> 21
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 21
ccctccagag agcaggatcc 20

<210> 22
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 22
tctaccccct ccagagagca 20

<210> 23
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 23
ttgatctcta ccccctccag 20

<210> 24
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 24
tggagaagtc ggaaggagcc 20

<210> 25
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 25
ccctcttgga gaagtcggaa 20

<210> 26
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 26
gcctggccct cttggagaag 20

<210> 27
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 27
tccagtgcct ggccctcttg 20

<210> 28
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 28
agaagccaga aggacacacg 20

<210> 29
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 29
acgggtagaa gccagaagga 20

<210> 30
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 30
cgtgtctgca cagggtacgg 20

<210> 31
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 31
agggtgctcc aggaccccgt 20

<210> 32
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 32
ttgctctgca ctctgccttc 20

<210> 33
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 33
tattccccgt tctcgaagtc 20

<210> 34
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 34
cattgtagta gggagaccgg 20

<210> 35
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 35
cactcacatt gtagtaggga 20

<210> 36
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 36
tctcatcact cacattgtag 20

<210> 37
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 37
aagagatctc atcactcaca 20

<210> 38
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 38
agtggaaaga gatctcatca 20

<210> 39
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 39
catagcagtg gaaagagatc 20

<210> 40
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 40
aaccgtcata gcagtggaaa 20

<210> 41
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 41
gagtgtaacc gtcatagcag 20

<210> 42
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 42
cccggagagt gtaaccgtca 20

<210> 43
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 43
cagagccccg gagagtgtaa 20

<210> 44
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 44
gattggcaga gccccggaga 20

<210> 45
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 45
aggtgcgatt ggcagagccc 20

<210> 46
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 46
cttggcaggt gcgattggca 20

<210> 47
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 47
cattcacttg gcaggtgcga 20

<210> 48
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 48
atcgctgtct gcccactcca 20

<210> 49
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 49
tcacagatcg ctgtctgccc 20

<210> 50
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 50
ccgttgtcac agatcgctgt 20

<210> 51
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 51
cccgctccgt tgtcacagat 20

<210> 52
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 52
cagtaccccg ctccgttgtc 20

<210> 53
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 53
ttggagcagt accccgctcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 54
accttccttg tgccaatggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 55
ctgcccacct tccttgtgcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 56
cgctgtcttc aaggcggtac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 57
gctgcagtgg taggtgacgc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 58
cccccggctg cagtggtagg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 59
ggtaagcccc cggctgcagt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 60
acgcagggta agccccggc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 61
ggagccacgc agggtaagcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 62
gccgctggga gccacgcagg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 63
caagagccac cttcctgaca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 64
ccgctccaag agccaccttc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 65
tccgtcccgc tccaagagcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 66
gaaggctccg tcccgctcca 20

<210> 67
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 67
tggcaggaag gctccgtccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 68
gagtcttggc aggaaggctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 69
atgaaggagt cttggcagga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 70
cttcggccac ctcttgaggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 71
ggaaagcttc ggccacctct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 72
aagacaggaa agcttcggcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 73
tcagggaaga caggaaagct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 74
tcgactcctt ctatggtctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 75
cttctgttgt tcccctgggc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 76
ttcatggagc ctgaagggtc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 77
tagatgttca tggagcctga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 78
accaggtaga tgttcatgga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 79
tctagcacca ggtagatgtt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 80
gatccatcta gcaccaggta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 81
ctgtctgatc catctagcac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 82
ccaatgctgt ctgatccatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 83
tttggctcct gtgaagttgc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 84
acacttttg gctcctgtga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 85
gactagacac tttttggctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 86
taagttgact agacactttt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 87
ctcaattaag ttgactagac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 88
caccttctca attaagttga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 89
acttgccacc ttctcaatta 20

<210> 90
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 90
accataactt gccaccttct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 91
cttcacacca taacttgcca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 92
tcttggcttc acaccataac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 93
atgtggcata tgtcactaga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 94
cagacacttt gacccaaatt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 95
ggtcttcata attgatttca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 96
acttgtggtc ttcataattg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 97
acttcaactt gtggtcttca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 98
tccctgactt caacttgtgg 20

<210> 99
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 99
tgttagtccc tgacttcaac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 100
tcttggtgtt agtccctgac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 101
tgtacactgc ctggagggcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 102
tcatgctgta cactgcctgg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 103
gttccagcct tcaggaggga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 104
ggtgcggttc cagccttcag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 105
atggcgggtg cggttccagc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 106
gatgacatgg cgggtgcggt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 107
gaggatgatg acatggcggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 108
cccatgttgt gcaatccatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 109
tccccgccca tgttgtgcaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 110
attgggtccc cgcccatgtt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 111
acagtaattg ggtccccgcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 112
tcaatgacag taattgggtc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 113
atctcatcaa tgacagtaat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 114
tcccggatct catcaatgac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 115
acatccagat aatcctccct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 116
acatagacat ccagataatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 117
ccaaacacat agacatccag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 118
agcattgatg ttcacttggt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 119
agccaaagca ttgatgttca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 120
cttggaagcc aaagcattga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 121
gtctttcttg gaagccaaag 20

<210> 122
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 122
ctcattgtct ttcttggaag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 123
atgttgctca ttgtctttct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 124
gaacacatgt tgctcattgt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 125
gactttgaac acatgttgct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 126
atccttgact ttgaacacat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 127
ttccatatcc ttgactttga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 128
caggttttcc atatccttga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 129
ctcagagact ggctttcatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 130
cagagactca gagactggct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 131
atgccacaga gactcagaga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 132
caaaccatgc cacagagact 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 133
tgttcccaaa ccatgccaca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 134
ttgtggtaat cggtaccctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 135
ggttgcttgt ggtaatcggt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 136
tgccatggtt gcttgtggta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 137
ttggcctgcc atggttgctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 138
gagatcttgg cctgccatgg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 139
acagccccca tacagctctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 140
gacaccacag cccccataca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 141
tactcagaca ccacagcccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 142
acaaagtact cagacaccac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 143
gtcagcacaa agtactcaga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 144
ttgattgagt gttccttgtc 20

<210> 145
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 145
ctgaccttga ttgagtgttc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 146
tatctccagg tcccgcttct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 147
gaattcctgc ttctttttc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 148
attcaggaat tcctgcttct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 149
cataaaattc aggaattcct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 150
catagtcata aaattcagga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 151
tgagcttgat cagggcaacg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 152
tattcttgag cttgatcagg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 153
gacaaatggg cctgatagtc 20

<210> 154
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 154
gttgttccct cggtgcaggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 155
gctcgagttg ttccctcggt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 156
ctcaaagctc gagttgttcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 157
ggaagcctca aagctcgagt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 158
gttggaggaa gcctcaaagc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 159
gtggtagttg gaggaagcct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 160
tggcaagtgg tagttggagg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 161
tgttgctggc aagtggtagt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 162
tccagctcac tcccctgttg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 163
taaggatcca gctcactccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 164
cagaaataag gatccagctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 165
agggaccaga aataaggatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 166
ccacttaggg accagaaata 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 167
tccaggactc tcccttcag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 168
aagtcccacc ctttgctgcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 169
ctgcagaagt cccacccttt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 170
cagaaactgc agaagtccca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 171
aacctctgca ctctgccttc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 172
ccctcaaacc tctgcactct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 173
tcattgccct caaacctctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 174
ccacactcat tgccctcaaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 175
cactgcccac actcattgcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 176
ttaggccact gcccacactc 20

<210> 177
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 177
ctagtcctga ccttgctgcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 178
ctcatcctag tcctgacctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 179
cctagtctca tcctagtcct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 180
accctgccta gtctcatcct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 181
cttgtcaccc tgcctagtct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 182
gcccaccttg tcaccctgcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 183
cctaaaactg ctcctactcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 184
gagtcagaaa tgaggtcaaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 185
ccctactccc atttcacctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 186
tgttgtgcaa tcctgcagaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 187
aaaggctgat gaagcctggc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 188
cctttgacca caaagtggcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 189
aggtaccacc tctttgtggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 190
tggtggtcac acctgaagag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 191
gcagggagca gctcttcctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 192
tcctgtgcag ggagcagctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 193
ttgatatcct gtgcagggag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 194
agagctttga tatcctgtgc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 195
acaaacagag ctttgatatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 196
tcagacacaa acagagcttt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 197
tcctcctcag acacaaacag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 198
acctccttcc gagtcagctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 199
atgtagacct ccttccgagt 20

<210> 200
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 200
ttcttgatgt agacctcctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 201
tccccattct tgatgtagac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 202
ttcttatccc cattcttgat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 203
ctgcctttct tatccccatt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 204
tcacagctgc ctttcttatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 205
tctctctcac agctgccttt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 206
tgagcatctc tctcacagct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 207
gcatattgag catctctctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 208
tgactttgtc atagcctggg 20

<210> 209
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 209
tgtccttgac tttgtcatag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 210
cagtacaaag gaaccgaggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 211
ctcctccagt acaaaggaac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 212
gactcactcc tccagtacaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 213
catagggact cactcctcca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 214
ggtcagcata gggactcact 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 215
tcacctctgc aagtattggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 216
ccagaatcac ctctgcaagt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 217
gggccgccag aatcacctct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 218
ctcttgtgaa ctatcaaggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 219
cgacttctct tgtgaactat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 220
atgaaacgac ttctcttgtg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 221
acttgaatga aacgacttct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 222
acaccaactt gaatgaaacg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 223
tccactactc cccagctgat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 224
cagacatcca ctactcccca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 225
tttttgcaga catccactac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 226
ttctggtttt tgcagacatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 227
tgccgcttct ggtttttgca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 228
tgcttttgcc gcttctggtt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 229
ggtacctgct tttgccgctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 230
tgagcaggta cctgcttttg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 231
ttcagccagg gcagcacttg 20

<210> 232
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 232
ttctccttca gccagggcag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 233
tggagtttct ccttcagcca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 234
tcatcttgga gtttctcctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 235
aaatcctcat cttggagttt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 236
aaacccaaat cctcatcttg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 237
gtccagcagg aaacccctta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 238
gcccctgtcc agcaggaaac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 239
agctgtttta attcaatccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 240
aacttgccac ctgtgggtga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 241
tcaccttatc cccattcttg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 242
tcaactttca caaaccacca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 243
ccgccagaat cacctgcaag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 244
aggaggaatg aagaaggctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 245
gcctttcctc agggatctgg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 246
aaatgtctgg gagtgtcagg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 247
gcctagagtg cctccttagg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 248
ggcatctccc cagataggaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 249
agggagctag tcctggaaga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 250
acacctgaag agaaaggctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 251
ccctttgacc acaaagtggc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 252
gccctcaagg tagtctcatg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 253
aagggaagga ggacagaata 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 254
aaaggccaag gagggatgct 20

<210> 255
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 255
agaggtccct tctgaccatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 256
gctgggacag gagagaggtc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 257
tcaaatgtct gggagtgtca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 258
agaaggagaa tgtgctgaaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 259
tgctgaccac ttggcatctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 260
caactttcac aaaccaccat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 261
agctctgtga ttctaaggtt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 262
ccacctgtgg gtgaggagaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 263
gaggactcac ttgaatgaaa 20

<210> 264
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 264
tggaatgatc agggagctag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 265
gtcccttctc cattttcccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 266
tcaacttttt aagttaatca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 267
gggtgaggag aacaaggcgc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 268
cttccaagcc atcttttaac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 269
aggactcact tgaatgaaac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 270
ttccaggcaa ctagagcttc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 271
cagagtccag ccactgtttg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 272
ccaacctgca gaggcagtgg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 273
tgcaaggaga ggagaagctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 274
ctaggcaggt tactcaccca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 275
caccataact tgccacctgt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 276
taggtaccac ctctttgtgg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 277
cttgacctca cctcccccaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 278
ccacctcttt gtgggcagct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 279
ttcacaaacc accatctctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 280
ttctcacctc cgttgtcaca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 281
gaaagtggga ggtgttgcct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 282
acagcaggaa gggaaggtta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 283
catgctgacc acttggcatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 284
ggtcaccttg gcaggaaggc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 285
gtatagtgtt acaagtggac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 286
ggacttccct ttgaccacaa 20

<210> 287
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 287
tcaccttgac ctcacctccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 288
tagagtgcct ccttaggatg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 289
tgacttcaac ttgtggtctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 290
cagagaagga gaatgtgctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 291
agggagcagc tcttcctctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 292
tgttcccctg ggtgccagga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 293
ggcctggctg ttttcaagcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 294
gactggcttt catctggcag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 295
gaaggctttc caggcaacta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 296
tcacttgaat gaaacgactt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 297
ggccccaaaa ggccaaggag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 298
aatcacctgc aaggagagga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 299
gaccttcagt tgcatcctta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 300
tgatgaagcc tggccccaaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 301
tagaaagtgg gaggtgttgc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 302
cccatccctg actggtctgg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 303
ccatgggtat agtgttacaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 304
gtgttctctt gacttccagg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 305
ggcctgctcc tcaccccagt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 306
gaggcctggc tgttttcaag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 307
gactctcccc ttcagtacct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 308
catgggtata gtgttacaag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 309
gaaggagaat gtgctgaaaa 20

<210> 310
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 310
tcacctggtc ttccaagcca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 311
ctccccagat aggaaaggga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 312
ggactcactt gaatgaaacg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 313
ggccgccaga atcacctgca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 314
ctcacttgaa tgaaacgact 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 315
ctttcccagc ctttcctcag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 316
agaaagtggg aggtgttgcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 317
gtcgcagctg ttttaattca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 318
ccaggactct ccccttcagt 20

<210> 319
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 319
agggaaggag gacagaatag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 320
gaaatgaggt caaatgtctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 321
ggagagtcag aaatgaggtc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 322
gtagaaagtg ggaggtgttg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 323
tagaaagatc tctgaagtgc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 324
ctgctcctca ccccagtcct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 325
ctactgggat tctgtgctta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 326
cccaaaaggc caaggaggga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 327
tgaccacttg gcatctcccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 328
cctgcaagga gaggagaagc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 329
ctctcacctc tgcaagtatt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 330
ccccaaaagg ccaaggaggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 331
gtcttccaag ccatctttta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 332
gttacaagtg gacttaaggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 333
cccatgttgt gcaatcctgc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 334
gaggtgggaa gcatggagaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 335
tgctcccacc actgtcatct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 336
aggcaggtta ctcacccaga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 337
tactgggatt ctgtgcttac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 338
gcctttccca gcctttcctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 339
gtgcaatcct gcagaagaga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 340
acaggagaga ggtcccttct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 341
cccaaaagga gaaagggaaa 20

<210> 342
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 342
aagcccaggg taaatgctta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 343
gatgaagcct ggccccaaaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 344
tggcagagaa ggagaatgtg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 345
ttcccagcct ttcctcaggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 346
ggcagagaag gagaatgtgc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 347
acagtgccag gaaacaagaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 348
taggcaggtt actcacccag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 349
ttctcttgac ttccagggct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 350
cctgctcctc accccagtcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 351
tcccactaac ctccattgcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 352
ttcccttga ccacaaagtg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 353
ctgggtccta ggcaggttac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 354
tccaggcaac tagagcttca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 355
gcccatgttg tgcaatcctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 356
ggttcccact aacctccatt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 357
aggtagagag caagagttac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 358
ccactaacct ccattgccca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 359
tcacaaacca ccatctctta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 360
tactcaccca gataatcctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 361
tgctcctcac cccagtcctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 362
tctcacagct gcctttctgt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 363
gaaagggagg actcacttga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 364
ccatctttta accccagaga 20

<210> 365
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 365
tcctcacccc agtcctccag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 366
ctggcagaga aggagaatgt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 367
tctccccaga taggaaaggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 368
acttcagctg ctcccaccac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 369
gacagcagga agggaaggtt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 370
ggagacaaat gggcctataa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 371
ctgctcccac cactgtcatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 372
aggaatgaag aaggctttcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 373
gggatctcat ccttatcctc 20

<210> 374
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 374
gtgctgggtc ctaggcaggt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 375
caaaaggcca aggagggatg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 376
ccatgctgac cacttggcat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 377
ggaggctggg acaggagaga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 378
ggagcagctc ttcctctgga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 379
tctcacctcc gttgtcacag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 380
cagtcctcca gcctttccca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 381
agtcctccag cctttcccag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 382
tgaaggagtc tgggagagtc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 383
cagaatcacc tgcaaggaga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 384
taggaaaggg aggactcact 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 385
accttggcag gaaggctccg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 386
gagacaaatg ggcctataaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 387
ctgaagagaa aggctgatga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 388
aatgatcagg gagctagtcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 389
cttagctgac ctaaaggaat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 390
tgggtatagt gttacaagtg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 391
tgaagagaaa ggctgatgaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 392
gtgttacaag tggacttaag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 393
acctgtgggt gaggagaaca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 394
tcacccagat aatcctccct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 395
tgttgtcgca gctgttttaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 396
tggtcacatt cccttcccct 20

<210> 397
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 397
cctggtcaca ttcccttccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 398
tagacctggt cacattccct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 399
cctagacctg gtcacattcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 400
ccttccgagt cagctttttc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 401
ctccttccga gtcagctttt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 402
agacctcctt ccgagtcagc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 403
gtagacctcc ttccgagtca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 404
tttgccgctt ctggtttttg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 405
cttttgccgc ttctggtttt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 406
cctgcttttg ccgcttctgg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 407
tacctgcttt tgccgcttct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 408
agaaaaccca aatcctcatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 409
tagaaaaccc aaatcctcat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 410
atagaaaacc caaatcctca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 411
tatagaaaac ccaaatcctc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 412
ttatagaaaa cccaaatcct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 413
cttatagaaa acccaaatcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 414
ccttatagaa aacccaaatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 415
cccttataga aaacccaaat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 416
ccccttatag aaaacccaaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 417
acccctttata gaaaacccaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 418
aacccctttat agaaaaccca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 419
aaacccctta tagaaaaccc 20

<210> 420
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 420
gaaacccctt atagaaaacc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 421
ggaaacccct tatagaaaac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 422
aggaaacccc ttatagaaaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 423
caggaaaccc cttatagaaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 424
gcaggaaacc ccttatagaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 425
agcaggaaac cccttataga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 426
cagcaggaaa cccccttatag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 427
ccagcaggaa acccccttata 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 428
tccagcagga aacccttat 20

<210> 429
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 429
tgtccagcag gaaacccctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 430
ctgtccagca ggaaacccct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 431
cctgtccagc aggaaacccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 432
ccctgtccag caggaaaccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 433
cccctgtcca gcaggaaacc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 434
cgcccctgtc cagcaggaaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 435
acgcccctgt ccagcaggaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 436
cacgcccctg tccagcagga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 437
ccacgcccct gtccagcagg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 438
cccacgcccc tgtccagcag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 439
tcccacgccc ctgtccagca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 440
atcccacgcc cctgtccagc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 441
aatcccacgc ccctgtccag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 442
caatcccacg cccctgtcca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 443
tcaatcccac gcccctgtcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 444
ttcaatccca cgcccctgtc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 445
attcaatccc acgcccctgt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 446
aattcaatcc cacgcccctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 447
taattcaatc ccacgcccct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 448
ttaattcaat cccacgcccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 449
tttaattcaa tcccacgccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 450
ttttaattca atcccacgcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 451
gttttaattc aatcccacgc 20

<210> 452
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 452
tgttttaatt caatcccacg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 453
ctgttttaat tcaatcccac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 454
gctgttttaa ttcaatccca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 455
cagctgtttt aattcaatcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 456
gcagctgttt taattcaatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 457
cgcagctgtt ttaattcaat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 458
tcgcagctgt tttaattcaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 459
tgtcgcagct gttttaattc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 460
ttgtcgcagc tgttttaatt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 461
gttgtcgcag ctgttttaat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 462
ttgttgtcgc agctgtttta 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 463
tttgttgtcg cagctgtttt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 464
ttttgttgtc gcagctgttt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 465
tttttgttgt cgcagctgtt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 466
ggatccagct cactcccctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 467
aaataaggat ccagctcact 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 468
gaccagaaat aaggatccag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 469
cttagggacc agaaataagg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 470
cacccactta gggaccagaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 471
accacccact tagggaccag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 472
aggtccagga ctctcccctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 473
aaggtccagg actctcccct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 474
aaactgcaga agtcccaccc 20

<210> 475
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 475
ggagggcccc gctgagctgc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 476
tcccggaaca tccaagcggg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 477
catcactttc ccggaacatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 478
ctggtcacat tcccttcccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 479
ctagacctgg tcacattccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 480
ggagtggtgg tcacacctcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 481
acccctcca gagagcagga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 482
atctctaccc cctccagaga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 483
ggtacgggta gaagccagaa 20

<210> 484
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 484
ggagagtgta accgtcatag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 485
tgcgattggc agagccccgg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 486
ggcaggtgcg attggcagag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 487
ggccattcac ttggcaggtg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 488
ttgtcacaga tcgctgtctg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 489
aaggagtctt ggcaggaagg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 490
gtacatgaag gagtcttggc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 491
aagcttcggc cacctcttga 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 492
ccatctagca ccaggtagat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 493
ggccccaatg ctgtctgatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 494
aattaagttg actagacact 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 495
tgccaccttc tcaattaagt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 496
taacttgcca ccttctcaat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 497
cataacttgc caccttctca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 498
acaccataac ttgccacctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 499
tcacaccata acttgccacc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 500
tagtccctga cttcaacttg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 501
tggtgttagt ccctgacttc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 502
gcggttccag ccttcaggag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 503
tcatgaggat gatgacatgg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 504
ccgcccatgt tgtgcaatcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 505
gtaattgggt ccccgcccat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 506
aagtcccgga tctcatcaat 20

<210> 507
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 507
aacacataga catccagata 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 508
caaagcattg atgttcactt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 509
tttgaacaca tgttgctcat 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 510
cttccaggtt ttccatatcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 511
tcttccaggt tttccatatc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 512
agactcagag actggctttc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 513
gcctgccatg gttgcttgtg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 514
tgactgagat cttggcctgc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 515
ttctatctcc aggtcccgct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 516
agtcataaaa ttcaggaatt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 517
cgagttgttc cctcggtgca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 518
agcctcaaag ctcgagttgt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 519
ggaggaagcc tcaaagctcg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 520
gtagttggag gaagcctcaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 521
caagtggtag ttggaggaag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 522
tcctcagaca caaacagagc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 523
ttctcctcct cagacacaaa 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 524
tagacctcct tccgagtcag 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 525
ttgatgtaga cctccttccg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 526
ctttcttatc cccattcttg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 527
gcctttctta tccccattct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 528
agctgccttt cttatcccca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 529
cagctgcctt tcttatcccc 20

<210> 530
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 530
acagctgcct ttcttatccc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 531
gcatctctct cacagctgcc 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 532
agatgtcctt gactttgtca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 533
cagcataggg actcactcct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 534
ccgccagaat cacctctgca 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 535
tgaatgaaac gacttctctt 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 536
acatccacta ctccccagct 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 537
cgcttctggt ttttgcagac 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 538
ttttgccgct tctggttttt 20

<210> 539
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 539
gcaggtacct gcttttgccg 20

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

<220>
<223> Synthetic Oligonucleotide

<400> 540
tcttggagtt tctccttcag 20

<210> 541
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 541
ggaacatcca agcggg 16

<210> 542
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 542
tggtcacatt cccttc 16

<210> 543
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 543
cctggtcaca ttccct 16

<210> 544
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 544
gacctggtca cattcc 16

<210> 545
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 545
taacttgcca ccttct 16

<210> 546
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 546
cataacttgc cacctt 16

<210> 547
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 547
accataactt gccacc 16

<210> 548
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 548
ccttccgagt cagctt 16

<210> 549
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 549
ctccttccga gtcagc 16

<210> 550
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 550
acctccttcc gagtca 16

<210> 551
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 551
ctttcttatc cccatt 16

<210> 552
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 552
gcctttctta tcccca 16

<210> 553
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 553
ctgcctttct tatccc 16

<210> 554
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 554
tttgccgctt ctggtt 16

<210> 555
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 555
cttttgccgc ttctgg 16

<210> 556
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 556
tgcttttgcc gcttct 16

<210> 557
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 557
aaacccaaat cctcat 16

<210> 558
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 558
gaaaacccaa atcctc 16

<210> 559
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 559
tagaaaaccc aaatcc 16

<210> 560
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 560
atagaaaacc caaatc 16

<210> 561
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 561
cttatagaaa acccaa 16

<210> 562
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 562
ccttatagaa aaccca 16

<210> 563
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 563
cccttataga aaaccc 16

<210> 564
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 564
ccccttatag aaaacc 16

<210> 565
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 565
accccttata gaaaac 16

<210> 566
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 566
aaccccttat agaaaa 16

<210> 567
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 567
aaacccctta tagaaa 16

<210> 568
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 568
gaaaccccct atagaa 16

<210> 569
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 569
ggaaacccct tataga 16

<210> 570
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 570
aggaaacccc ttatag 16

<210> 571
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 571
caggaaaccc cttata 16

<210> 572
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 572
gcaggaaacc ccttat 16

<210> 573
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 573
agcaggaaac ccctta 16

<210> 574
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 574
cagcaggaaa cccctt 16

<210> 575
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 575
ccagcaggaa acccct 16

<210> 576
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 576
tccagcagga aacccc 16

<210> 577
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 577
gtccagcagg aaaccc 16

<210> 578
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 578
tgtccagcag gaaacc 16

<210> 579
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 579
ctgtccagca ggaaac 16

<210> 580
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 580
cctgtccagc aggaaa 16

<210> 581
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 581
ccctgtccag caggaa 16

<210> 582
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 582
cccctgtcca gcagga 16

<210> 583
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 583
gcccctgtcc agcagg 16

<210> 584
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 584
cgcccctgtc cagcag 16

<210> 585
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 585
acgcccctgt ccagca 16

<210> 586
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 586
cacgcccctg tccagc 16

<210> 587
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 587
ccacgcccct gtccag 16

<210> 588
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 588
cccacgcccc tgtcca 16

<210> 589
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 589
tcccacgccc ctgtcc 16

<210> 590
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 590
atcccacgcc cctgtc 16

<210> 591
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 591
aatcccacgc ccctgt 16

<210> 592
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 592
caatcccacg cccctg 16

<210> 593
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 593
tcaatcccac gcccct 16

<210> 594
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 594
ttcaatccca cgcccc 16

<210> 595
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 595
attcaatccc acgccc 16

<210> 596
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 596
aattcaatcc cacgcc 16

<210> 597
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 597
taattcaatc ccacgc 16

<210> 598
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 598
ttaattcaat cccacg 16

<210> 599
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 599
tttaattcaa tcccac 16

<210> 600
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 600
ttttaattca atccca 16

<210> 601
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 601
gttttaattc aatccc 16

<210> 602
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 602
tgttttaatt caatcc 16

<210> 603
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 603
ctgttttaat tcaatc 16

<210> 604
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 604
gctgttttaa ttcaat 16

<210> 605
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 605
agctgtttta attcaa 16

<210> 606
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 606
cagctgtttt aattca 16

<210> 607
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 607
gcagctgttt taattc 16

<210> 608
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 608
cgcagctgtt ttaatt 16

<210> 609
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 609
tcgcagctgt tttaat 16

<210> 610
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 610
gtcgcagctg ttttaa 16

<210> 611
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 611
tgtcgcagct gtttta 16

<210> 612
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 612
ttgtcgcagc tgtttt 16

<210> 613
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 613
gttgtcgcag ctgttt 16

<210> 614
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 614
tgttgtcgca gctgtt 16

<210> 615
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 615
ttgttgtcgc agctgt 16

<210> 616
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 616
tttgttgtcg cagctg 16

<210> 617
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 617
ttttgttgtc gcagct 16

<210> 618
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 618
tttttgttgt cgcagc 16

<210> 619
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 619
gaaaacccaa atcctca 17

<210> 620
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 620
agaaaaccca aatcctc 17

<210> 621
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 621
tagaaaaccc aaatcct 17

<210> 622
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 622
atagaaaacc caaatcc 17

<210> 623
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 623
ttatagaaaa cccaaat 17

<210> 624
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 624
cttatagaaa acccaaa 17

<210> 625
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 625
ccttatagaa aacccaa 17

<210> 626
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 626
cccttataga aaaccca 17

<210> 627
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 627
ccccttatag aaaaccc 17

<210> 628
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 628
acccctttata gaaaacc 17

<210> 629
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 629
aacccctttat agaaaac 17

<210> 630
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 630
aaacccctta tagaaaa 17

<210> 631
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 631
gaaacccctt atagaaa 17

<210> 632
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 632
ggaaacccct tatagaa 17

<210> 633
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 633
aggaaacccc ttataga 17

<210> 634
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 634
caggaaaccc cttatag 17

<210> 635
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 635
gcaggaaacc ccttata 17

<210> 636
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 636
agcaggaaac cccttat 17

<210> 637
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 637
cagcaggaaa ccccttа 17

<210> 638
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 638
ccagcaggaa acccctt 17

<210> 639
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 639
tccagcagga aacccct 17

<210> 640
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 640
gtccagcagg aaacccc 17

<210> 641
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 641
tgtccagcag gaaaccc 17

<210> 642
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 642
ctgtccagca ggaaacc 17

<210> 643
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 643
cctgtccagc aggaaac 17

<210> 644
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 644
ccctgtccag caggaaa 17

<210> 645
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 645
gcccctgtcc agcagga 17

<210> 646
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 646
cgcccctgtc cagcagg 17

<210> 647
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 647
acgcccctgt ccagcag 17

<210> 648
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 648
cacgcccctg tccagca 17

<210> 649
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 649
ccacgcccct gtccagc 17

<210> 650
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 650
cccacgcccc tgtccag 17

<210> 651
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 651
tcccacgccc ctgtcca 17

<210> 652
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 652
atcccacgcc cctgtcc 17

<210> 653
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 653
aatcccacgc ccctgtc 17

<210> 654
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 654
caatcccacg cccctgt 17

<210> 655
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 655
tcaatcccac gcccctg 17

<210> 656
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 656
ttcaatccca cgccccct 17

<210> 657
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 657
attcaatccc acgcccc 17

<210> 658
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 658
aattcaatcc cacgccc 17

<210> 659
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 659
taattcaatc ccacgcc 17

<210> 660
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 660
ttaattcaat cccacgc 17

<210> 661
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 661
tttaattcaa tcccacg 17

<210> 662
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 662
ttttaattca atcccac 17

<210> 663
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 663
gttttaattc aatccca 17

<210> 664
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 664
tgttttaatt caatccc 17

<210> 665
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 665
ctgttttaat tcaatcc 17

<210> 666
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 666
gctgttttaa ttcaatc 17

<210> 667
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 667
agctgtttta attcaat 17

<210> 668
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 668
cagctgtttt aattcaa 17

<210> 669
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 669
gcagctgttt taattca 17

<210> 670
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 670
cgcagctgtt ttaattc 17

<210> 671
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 671
tcgcagctgt tttaatt 17

<210> 672
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 672
gtcgcagctg ttttaat 17

<210> 673
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 673
tgtcgcagct gttttaa 17

<210> 674
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 674
ttgtcgcagc tgtttta 17

<210> 675
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 675
gttgtcgcag ctgtttt 17

<210> 676
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 676
tgttgtcgca gctgttt 17

<210> 677
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 677
ttgttgtcgc agctgtt 17

<210> 678
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 678
tttgttgtcg cagctgt 17

<210> 679
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 679
ttttgttgtc gcagctg 17

<210> 680
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 680
tttttgttgt cgcagct 17

<210> 681
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 681
tagaaaaccc aaatcctca 19

<210> 682
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 682
atagaaaacc caaatcctc 19

<210> 683
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 683
tatagaaaac ccaaatcct 19

<210> 684
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 684
cttatagaaa acccaaatc 19

<210> 685
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 685
ccttatagaa aacccaaat 19

<210> 686
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 686
cccttataga aaacccaaa 19

<210> 687
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 687
ccccttatag aaaacccaa 19

<210> 688
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 688
acccccttata gaaaaccca 19

<210> 689
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 689
aacccttat agaaaaccc 19

<210> 690
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 690
aaacccctta tagaaaacc 19

<210> 691
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 691
gaaacccctt atagaaaac 19

<210> 692
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 692
ggaaacccct tatagaaaa 19

<210> 693
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 693
aggaaacccc ttatagaaa 19

<210> 694
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 694
caggaaaccc cttatagaa 19

<210> 695
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 695
gcaggaaacc ccttataga 19

<210> 696
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 696
agcaggaaac cccttatag 19

<210> 697
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 697
cagcaggaaa ccccttata 19

<210> 698
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 698
ccagcaggaa acccccttat 19

<210> 699
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 699
tccagcagga aacccctta 19

<210> 700
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 700
gtccagcagg aaacccctt 19

<210> 701
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 701
tgtccagcag gaaacccct 19

<210> 702
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 702
cctgtccagc aggaaaccc 19

<210> 703
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 703
ccctgtccag caggaaacc 19

<210> 704
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 704
cccctgtcca gcaggaaac 19

<210> 705
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 705
gcccctgtcc agcaggaaa 19

<210> 706
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 706
acgcccctgt ccagcagga 19

<210> 707
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 707
cacgcccctg tccagcagg 19

<210> 708
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 708
ccacgcccct gtccagcag 19

<210> 709
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 709
cccacgcccc tgtccagca 19

<210> 710
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 710
tcccacgccc ctgtccagc 19

<210> 711
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 711
atcccacgcc cctgtccag 19

<210> 712
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 712
aatcccacgc ccctgtcca 19

<210> 713
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 713
caatcccacg cccctgtcc 19

<210> 714
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 714
tcaatcccac gcccctgtc 19

<210> 715
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 715
ttcaatccca cgcccctgt 19

<210> 716
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 716
attcaatccc acgcccctg 19

<210> 717
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 717
aattcaatcc cacgcccct 19

<210> 718
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 718
taattcaatc ccacgcccc 19

<210> 719
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 719
ttaattcaat cccacgccc 19

<210> 720
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 720
tttaattcaa tcccacgcc 19

<210> 721
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 721
ttttaattca atcccacgc 19

<210> 722
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 722
gttttaattc aatcccacg 19

<210> 723
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 723
tgttttaatt caatcccac 19

<210> 724
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 724
ctgttttaat tcaatccca 19

<210> 725
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 725
gctgttttaa ttcaatccc 19

<210> 726
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 726
agctgtttta attcaatcc 19

<210> 727
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 727
cagctgtttt aattcaatc 19

<210> 728
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 728
gcagctgttt taattcaat 19

<210> 729
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 729
cgcagctgtt ttaattcaa 19

<210> 730
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 730
tcgcagctgt tttaattca 19

<210> 731
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 731
gtcgcagctg ttttaattc 19

<210> 732
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 732
tgtcgcagct gttttaatt 19

<210> 733
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 733
ttgtcgcagc tgttttaat 19

<210> 734
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 734
gttgtcgcag ctgttttaa 19

<210> 735
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 735
tgttgtcgca gctgtttta 19

<210> 736
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 736
ttgttgtcgc agctgtttt 19

<210> 737
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 737
tttgttgtcg cagctgttt 19

<210> 738
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 738
ttttgttgtc gcagctgtt 19

<210> 739
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 739
tttttgttgt cgcagctgt 19

<210> 740
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 740
ccccttatag aaaaccca 18

<210> 741
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 741
acccccttata gaaaaccc 18

<210> 742
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 742
aacccccttat agaaaacc 18

<210> 743
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 743
aaacccctta tagaaaac 18

<210> 744
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 744
gaaaccccctt atagaaaa 18

<210> 745
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 745
aggaaacccc ttatagaa 18

<210> 746
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 746
caggaaaccc cttataga 18

<210> 747
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 747
gcaggaaacc ccttatag 18

<210> 748
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 748
agcaggaaac cccttata 18

<210> 749
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 749
cagcaggaaa ccccttat 18

<210> 750
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 750
ccagcaggaa accccta 18

<210> 751
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 751
tccagcagga aacccctt 18

<210> 752
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 752
gtccagcagg aaacccct 18

<210> 753
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 753
tgtccagcag gaaacccc 18

<210> 754
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 754
ctgtccagca ggaaaccc 18

<210> 755
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 755
cctgtccagc aggaaacc 18

<210> 756
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 756
ccctgtccag caggaaac 18

<210> 757
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 757
cccctgtcca gcaggaaa 18

<210> 758
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 758
cgcccctgtc cagcagga 18

<210> 759
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 759
acgcccctgt ccagcagg 18

<210> 760
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 760
cacgcccctg tccagcag 18

<210> 761
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 761
ccacgcccct gtccagca 18

<210> 762
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 762
cccacgcccc tgtccagc 18

<210> 763
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 763
tcccacgccc ctgtccag 18

<210> 764
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 764
atcccacgcc cctgtcca 18

<210> 765
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 765
aatcccacgc ccctgtcc 18

<210> 766
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 766
caatcccacg cccctgtc 18

<210> 767
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 767
tcaatcccac gcccctgt 18

<210> 768
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 768
ttcaatccca cgcccctg 18

<210> 769
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 769
attcaatccc acgcccct 18

<210> 770
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 770
aattcaatcc cacgcccc 18

<210> 771
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 771
taattcaatc ccacgccc 18

<210> 772
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 772
ttaattcaat cccacgcc 18

<210> 773
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 773
tttaattcaa tcccacgc 18

<210> 774
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 774
ttttaattca atcccacg 18

<210> 775
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 775
gttttaattc aatcccac 18

<210> 776
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 776
tgttttaatt caatccca 18

<210> 777
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 777
ctgttttaat tcaatccc 18

<210> 778
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 778
gctgttttaa ttcaatcc 18

<210> 779
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 779
agctgtttta attcaatc 18

<210> 780
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 780
cagctgtttt aattcaat 18

<210> 781
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 781
gcagctgttt taattcaa 18

<210> 782
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 782
cgcagctgtt ttaattca 18

<210> 783
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 783
tcgcagctgt tttaattc 18

<210> 784
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 784
gtcgcagctg ttttaatt 18

<210> 785
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 785
tagaaaaccc aaatcctc 18

<210> 786
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 786
atagaaaacc caaatcct 18

<210> 787
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 787
tatagaaaac ccaaatcc 18

<210> 788
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 788
ttatagaaaa cccaaatc 18

<210> 789
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 789
cttatagaaa acccaaat 18

<210> 790
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 790
ccttatagaa aacccaaa 18

<210> 791
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 791
ccctttataga aaacccaa 18

<210> 792
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 792
tgtcgcagct gttttaat 18

<210> 793
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 793
ttgtcgcagc tgttttaa 18

<210> 794
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 794
gttgtcgcag ctgtttta 18

<210> 795
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 795
tgttgtcgca gctgtttt 18

<210> 796
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 796
ttgttgtcgc agctgttt 18

<210> 797
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 797
tttgttgtcg cagctgtt 18

<210> 798
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 798
ttttgttgtc gcagctgt 18

<210> 799
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 799
tttttgttgt cgcagctg 18

<210> 800
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 800
aaaacccaaa tcctca 16

<210> 801
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 801
agaaaaccca aatcct 16

<210> 802
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 802
tatagaaaac ccaaat 16

<210> 803
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 803
ttatagaaaa cccaaa 16

<210> 804
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 804
gcataagagg gtaccagctg 20

<210> 805
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 805
gtcctttagc cagggcagca 20

<210> 806
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 806
tccacccatg ttgtgcaagc 20

<210> 807
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 807
ccacaccatg ccacagagac 20

<210> 808
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 808
ttccgagtca ggctcttccc 20

<210> 809
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 809
ccttccctga aggttcctcc 20

<210> 810
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 810
agtctctgtg gcatggtttg g 21

<210> 811
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> primer

<400> 811
gggcgaatga ctgagatctt g 21

<210> 812
<211> 27
<212> DNA
<213> Artificial sequence

<220>
<223> Probe

<400> 812
taccgattac cacaagcaac catggca 27

<210> 813
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 813
cgaagcagct caatgaaatc aa 22

<210> 814
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 814
tgcctggagg gccttctt 18

<210> 815
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Probe

<400> 815
agaccacaag ttgaagtc 18

<210> 816
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 816
gggcaaacag caatttgtga 20

<210> 817
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 817
tggctaccca ccttccttgt 20

<210> 818
<211> 28
<212> DNA
<213> Artificial sequence

<220>
<223> Probe

<400> 818
ctggatactg tcccaatccc ggtattcc 28

<210> 819
<211> 22
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 819
cgaagaagct cagtgaaatc aa 22

<210> 820
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 820
tgcctggagg gccctctt 18

<210> 821
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 821
agcttcttgt ccagctttat 20

<210> 822
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 822
agcttcttgt ccagctttat a 21

<210> 823
<211> 14
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 823
tcagtcatga cttc 14

<210> 824
<211> 15
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 824
tcagtcatga cttca 15

<210> 825
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 825
gctgattaga gagaggtccc 20

<210> 826
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 826
tcccatttca ggagacctgg 20

<210> 827
<211> 15
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 827
atcagtcatg acttc 15

<210> 828
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 828
cggtgcaagg cttaggaatt 20

<210> 829
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 829
gcttcagtca tgacttcctt 20

<210> 830
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 830
gcttcagtca tgacttcctt a 21

<210> 831
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 831
agcttcagtc atgacttcct t 21

<210> 832
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 832
tggtaatcca ctttcagagg 20

<210> 833
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 833
tggtaatcca ctttcagagg a 21

<210> 834
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 834
tgcttcagtc atgacttcct t 21

<210> 835
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 835
cactgatttt tgcccaggat 20

<210> 836
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 836
cactgatttt tgcccaggat a 21

<210> 837
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 837
aagcttcttg tccagcttta t 21

<210> 838
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 838
acccaattca gaaggaagga 20

<210> 839
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 839
acccaattca gaaggaagga a 21

<210> 840
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 840
aacccaattc agaaggaagg a 21

<210> 841
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 841
atggtaatcc actttcagag g 21

<210> 842
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 842
tcttggttac atgaaatccc 20

<210> 843
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 843
tcttggttac atgaaatccc a 21

<210> 844
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 844
attcactttc ataatgctgg 20

<210> 845
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 845
attcactttc ataatgctgg a 21

<210> 846
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 846
atcttggtta catgaaatcc c 21

<210> 847
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 847
tgctccgttg gtgcttgttc 20

<210> 848
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 848
atgcatggtg atgcttctga 20

<210> 849
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 849
cagctttatt agggacagca 20

<210> 850
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 850
cagctttatt agggacagca a 21

<210> 851
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 851
acagctttat tagggacagc a 21

<210> 852
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 852
ttcagtcatg acttcc 16

<210> 853
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<220>
<221> misc_feature
<222> (1)..(5)
<223> Bases at these positions are RNA

<220>
<221> misc_feature
<222> (16)..(20)
<223> Bases at these positions are RNA

<400> 853
gcuucagtca tgactuccuu 20

<210> 854
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic Oligonucleotide

<400> 854
tgctccgttg gtgcttgttc a 21