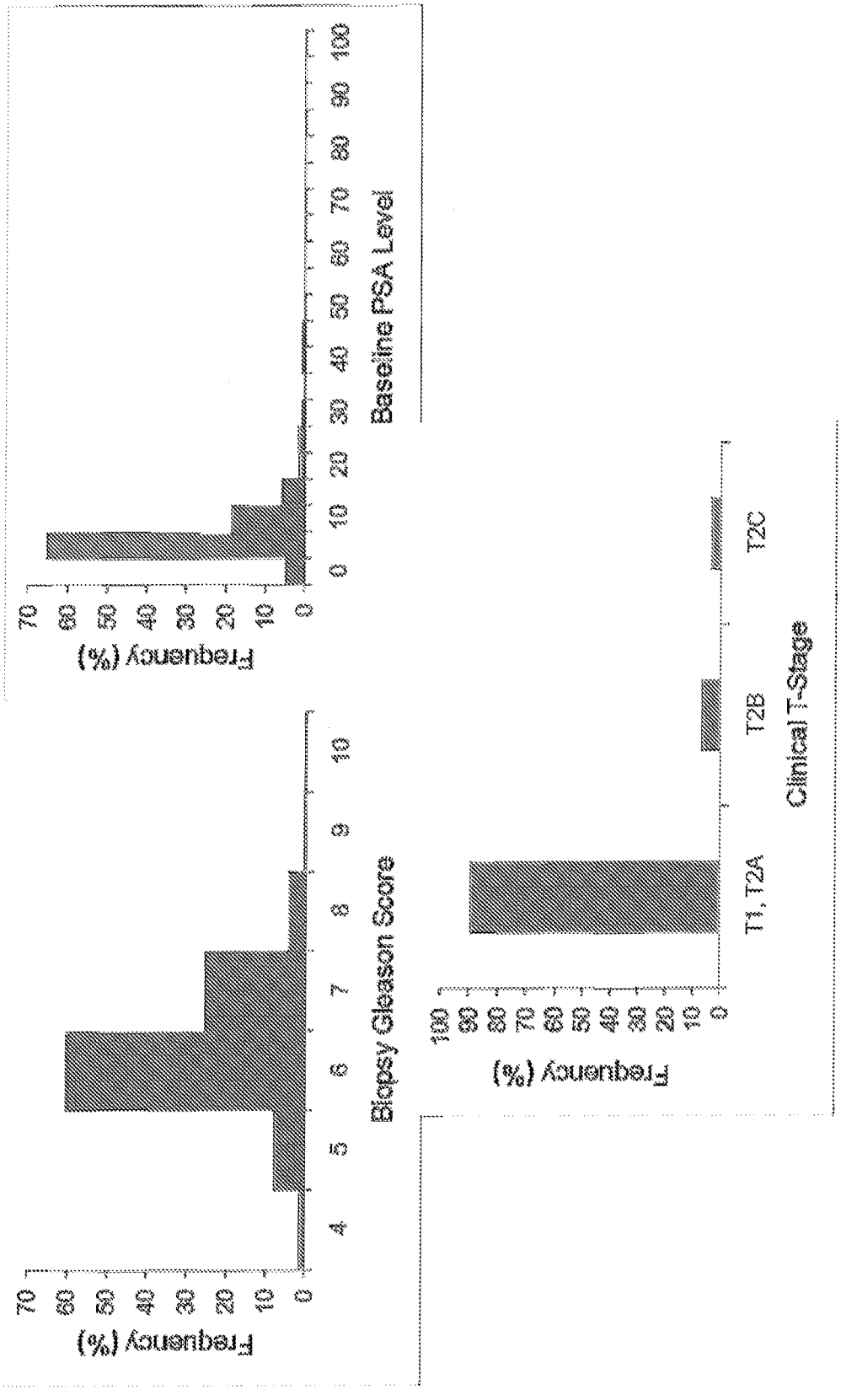
FIGURE 1


Frequency (%)
0
10
20
30
40
50
60
70
Baseline PSA Level
0
10
20
30
40
50
60
70
80
90
100
Frequency (%)
0
10
20
30
40
50
60
70
Biopsy Gleason Score
4
5
6
7
8
9
10
Frequency (%)
0
10
20
30
40
50
60
70
80
90
100
T1, T2A
T2B
T2C
Clinical T-Stage

SEQUENCE LISTING

<110> Genomic Health, Inc.

<120> Method For Using Gene Expression To
Determine Prognosis of Prostate Cancer

<130> SG4717A

<150> US 61/485,536
<151> 2011-05-12

<150> US 61/414,310
<151> 2010-11-16

<150> US 61/368,217
<151> 2010-07-27

<160> 2663

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1
gtgtggcagg tggacactaa 20

<210> 2
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2
ctccatccac tccaggtctc 20

<210> 3
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 3
cgcttcaaag gaccagacct cctc 24

<210> 4
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 4
gtgtggcagg tggacactaa ggaggaggtc tggtcctttg aagcgggaga cctggagtgg 60
atggag 66

<210> 5
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 5
ggtatggatc ccaaagcca 19

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

<220>
<223> Synthetic oligonucleotide

<400> 6
cagcccgctt tctgttttta 20

<210> 7
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 7
cacatgtggc gagcaattcg aact 24

<210> 8
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 8
ggtatggatc ccaaagccaa acagcacatg tggcgagcaa ttcgaactgc atttaaaaac 60
agaaagcggg ctg 73

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

<220>
<223> Synthetic oligonucleotide

<400> 9
aaacaccact ggagcattga 20

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

<220>
<223> Synthetic oligonucleotide

<400> 10
caagcctgga acctatagcc 20

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

<220>
<223> Synthetic oligonucleotide

<400> 11
caagcctgga acctatagcc 20

<210> 12
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 12
aaacaccact ggagcattga ctaccaggct cgccaatgat gctgctcaag ttaaaggggc 60
tataggttcc aggcttg 77

<210> 13
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 13
tcatggtgcc cgtcaatg 18

<210> 14
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 14
cgattgtctt tgctcttcat gtg 23

<210> 15
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 15
acctgatacg tcttggtctt catcgccat 29

<210> 16
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 16
tcatggtgcc cgtcaatgct gtgatggcga tgaagaccaa gacgtatcag gtggcccaca 60
tgaagagcaa agacaatcg 79

<210> 17
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 17
tcatcctggc gatctacttc ct 22

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

<220>
<223> Synthetic oligonucleotide

<400> 18
ccgttgagtg gaatcagcaa 20

<210> 19
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 19
tctgtcctgg ctggagtcgc tttcat 26

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

<220>
<223> Synthetic oligonucleotide

<400> 20
tcatcctggc gatctacttc ctctggcaga acctaggtcc ctctgtcctg gctggagtcg 60
ctttcatggt cttgctgatt ccactcaacg g 91

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

<220>
<223> Synthetic oligonucleotide

<400> 21
agcgcctgga atctacaact 20

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

<220>
<223> Synthetic oligonucleotide

<400> 22
agagcccctg gagagaagat 20

<210> 23
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 23
cggagtccag tgttttccca ctta 24

<210> 24
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 24
agcgcctgga atctacaact cggagtccag tgttttccca cttatcatct tctctccagg 60
ggctct 66

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

<220>
<223> Synthetic oligonucleotide

<400> 25
cgtctgtcac tgtggagtgg 20

<210> 26
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 26
tgatccggtt tagcaggc 18

<210> 27
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 27
agtctcttgg ccaccttcag ccct 24

<210> 28
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 28
cgtctgtcac tgtggagtgg acagggctga aggtggccaa gagactgcac cgcagcctgc 60

taaaccggat ca 72

<210> 29
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 29
ggtctcaacg ccatcctg 18

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

<220>
<223> Synthetic oligonucleotide

<400> 30
cttggatctt tccttgcagc 20

<210> 31
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 31
acgaagattt gcctccacct gtgg 24

<210> 32
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 32
ggtctcaacg ccatcctggg acccacaggt ggaggcaaat cttcgttatt agatgtctta 60
gctgcaagga aagatccaag 80

<210> 33
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 33
gtagtgggtc tgcatggatg t 21

<210> 34
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 34
tgagggttgg cactcagg 18

<210> 35
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 35
caggtggctc ctttgatccc tga 23

<210> 36
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 36
gtagtgggtc tgcatggatg tttcagggat caaaggagcc acctgggcgc ctgagtgcca 60
accctca 67

<210> 37
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 37
ccgctgtacg aggatttca 19

<210> 38
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 38
ccgtgtctgt gaagccgt 18

<210> 39
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 39
tgccctcagc aatgaagcct acaa 24

<210> 40
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 40
ccgctgtacg aggatttcac tgccctcagc aatgaagcct acaagcagga cggcttcaca 60
gacacgg 67

<210> 41

<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 41
atggaggtgc ccagaacac 19

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

<220>
<223> Synthetic oligonucleotide

<400> 42
actccgggta actgtggatg 20

<210> 43
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 43
tgctctcaac tttcctgcgg agtg 24

<210> 44
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 44
atggaggtgc ccagaacact gcactccgca ggaaagttga gagcatcatc cacagttacc 60
cggagt 66

<210> 45
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 45
atccgcattg aagaccca 18

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

<220>
<223> Synthetic oligonucleotide

<400> 46
atccgctaga actgcaccac 20

<210> 47
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 47
cccgcagaaa gcacatggta ttcc 24

<210> 48
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 48
atccgcattg aagacccacc ccgcagaaag cacatggtat tcctgggtgg tgcagttcta 60
gcggat 66

<210> 49
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 49
ggcgggatgt ggtaacag 18

<210> 50
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 50
atttctgggc ctccgagt 18

<210> 51
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 51
tcagccacaa tcaccaactc caca 24

<210> 52
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 52
ggcgggatgt ggtaacagag accaagactg tggagttggt gattgtggct gatcactcgg 60
aggcccagaa at 72

<210> 53
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 53
ggacaggtgc aagctcatct g 21

<210> 54
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 54
atctacaacc ttgggctgca a 21

<210> 55
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 55
caagccaaag gcattggcta cttcttcg 28

<210> 56
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 56
ggacaggtgc aagctcatct gccaagccaa aggcattggc tacttcttcg ttttgcagcc 60
caaggttgta gat 73

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

<220>
<223> Synthetic oligonucleotide

<400> 57
atgctgtcat cattgtcacg 20

<210> 58
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 58
ctgcttcctt tccctttcc 19

<210> 59
<211> 27
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 59
tgtctgccca ttatcttcat tctgcaa 27

<210> 60
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 60
atgctgtcat cattgtcacg gtttgtctgc ccattatctt cattctgcaa gggaaaggga 60
aaggaagcag 70

<210> 61
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 61
gatgtccatc cttgaaacag c 21

<210> 62
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 62
caaccctgat gcctggag 18

<210> 63
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 63
cctccagtgc tgtgttccca gaag 24

<210> 64
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 64
gatgtccatc cttgaaacag cctcttctgg gaacacagca ctggaggtct ccaggcatca 60
gggttg 66

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

<220>
<223> Synthetic oligonucleotide

<400> 65
agcattgatc gatacctggc 20

<210> 66
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 66
ctacaagcat tgtgcgtcg 19

<210> 67
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 67
attgttcacc caatgaagtc ccgc 24

<210> 68
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 68
agcattgatc gatacctggc tattgttcac ccaatgaagt cccgccttcg acgcacaatg 60
cttgtag 67

<210> 69
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 69
actggcatag gaaatggtat cc 22

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

<220>
<223> Synthetic oligonucleotide

<400> 70
attgactggg tctctttgcc 20

<210> 71
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 71

ccacccagac cccatgtagc aaaa 24

<210> 72
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 72
actggcatag gaaatggtat ccagaatgga attttgctac atggggtctg ggtgggggca 60
aagagaccca gtcaat 76

<210> 73
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 73
cgacggttct gccctttat 19

<210> 74
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 74
tgctcctgct gggatactg 19

<210> 75
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 75
aatcgagatg aggacatcgc acca 24

<210> 76
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 76
cgacggttct gccctttata ttaatcgaga tgaggacatc gcaccatcag tatcccagca 60
ggagca 66

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

<220>
<223> Synthetic oligonucleotide

<400> 77
tgtggttgga gatgaagtgg 20

<210> 78
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 78
gtctacccac tgggcaagg 19

<210> 79
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 79
ctccaccagg gaccggttta tcaa 24

<210> 80
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 80
tgtggttgga gatgaagtgg tgttgataaa ccggtccctg gtggagcgag gccttgccca 60
gtgggtagac 70

<210> 81
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 81
gtgtgtgaag ctgaatgatg g 21

<210> 82
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 82
ctctgcaggc gcataggt 18

<210> 83
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 83
ccaaatccca ggacaggcat gaag 24

<210> 84

<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 84
gtgtgtgaag ctgaatgatg gtcacttcat gcctgtcctg ggatttggca cctatgcgcc 60
tgcagag 67

<210> 85
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 85
gctttgcctg atgtctacca gaa 23

<210> 86
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 86
gtccagtcac cggcatagag a 21

<210> 87
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 87
tgcgtcacca tccacacaca ggg 23

<210> 88
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 88
gctttgcctg atgtctacca gaagccctgt gtgtggatgg tgacgcagag gacgtctcta 60
tgccggtgac tggac 75

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

<220>
<223> Synthetic oligonucleotide

<400> 89
cgcttctatg gcgctgagat 20

<210> 90
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 90
tcccggtaca ccacgttctt 20

<210> 91
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 91
cagccctgga ctacctgcac tcgg 24

<210> 92
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 92
cgcttctatg gcgctgagat tgtgtcagcc ctggactacc tgcactcgga gaagaacgtg 60
gtgtaccggg a 71

<210> 93
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 93
tcctgccacc cttcaaacc 19

<210> 94
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 94
ggcggtaaat tcatcatcga a 21

<210> 95
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 95
caggtcacgt ccgaggtcga caca 24

<210> 96
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 96
tcctgccacc cttcaaacct caggtcacgt ccgaggtcga cacaaggtac ttcgatgatg 60
aatttaccgc c 71

<210> 97
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 97
ttgtctctgc cttggactat ctaca 25

<210> 98
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 98
ccagcattag attctccaac ttga 24

<210> 99
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 99
tcacggtaca caatctttcc gga 23

<210> 100
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 100
ttgtctctgc cttggactat ctacattccg gaaagattgt gtaccgtgat ctcaagttgg 60
agaatctaat gctgg 75

<210> 101
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 101
gaggaatatg gaatccaagg g 21

<210> 102
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 102
gtggcggaga tcaagagg 18

<210> 103
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 103
ccagttcctg ccgtctgctc ttct 24

<210> 104
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 104
gaggaatatg gaatccaagg gggccagttc ctgccgtctg ctcttctgcc tcttgatctc 60
cgccac 66

<210> 105
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 105
gatgcagctg gaacccaa 18

<210> 106
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 106
ctccagctca gtggggaa 18

<210> 107
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 107
cctgaaactt gcatctcctg ctgc 24

<210> 108
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 108
gatgcagctg gaacccaagc tgcagcagga gatgcaagtt tcaggatgtt ccccactgag 60
ctggag 66

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

<220>
<223> Synthetic oligonucleotide

<400> 109
cacgtctgtc cctctctgct 20

<210> 110
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 110
gaccgtggct caactttgta t 21

<210> 111
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 111
tctctgtagg gcccagctct cagg 24

<210> 112
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 112
cacgtctgtc cctctctgct ttctctgtag ggcccagctc tcaggaatac aaagttgagc 60
cacggtc 67

<210> 113
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 113
tcgcttagtc tgcacctcaa c 21

<210> 114
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 114
tctgagcccc agtttttcc 19

<210> 115
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 115
taaacagggc agtcactttc cgca 24

<210> 116
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 116
tcgcttagtc tgcacctcaa ccgtgcggaa agtgactgcc ctgtttactg aggaaaaact 60
ggggctcaga 70

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

<220>
<223> Synthetic oligonucleotide

<400> 117
agttcctcaa tggtgccaac 20

<210> 118
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 118
agcactagcc tggagggc 18

<210> 119
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 119
catgctgttg agacgctcga cctc 24

<210> 120
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 120
agttcctcaa tggtgccaac cccatgctgt tgagacgctc gacctctctg ccctccaggc 60

tagtgct 67

<210> 121
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 121
gagctgcagg acttcgtga 19

<210> 122
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 122
gaagcctgag gacttgcg 18

<210> 123
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 123
ccgcatgccg tacacgtaga catc 24

<210> 124
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 124
gagctgcagg acttcgtgaa cgatgtctac gtgtacggca tgcggggccg caagtcctca 60
ggcttc 66

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

<220>
<223> Synthetic oligonucleotide

<400> 125
gtctctgggc tgtcagcttt 20

<210> 126
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 126
tgggtataag atccagaact tgc 23

<210> 127
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 127
tccatgtgtt tgatttctcc tcaggc 26

<210> 128
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 128
gtctctgggc tgtcagcttt cctttctcca tgtgtttgat ttctcctcag gctggtagca 60
agttctggat cttataccca 80

<210> 129
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 129
tggttcatcc agcacaagg 19

<210> 130
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 130
cataaatccg gggcacct 18

<210> 131
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 131
tactctccca acatgcgctg gatc 24

<210> 132
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 132
tggttcatcc agcacaaggt ctactctccc aacatgcgct ggatcatcca ggtgccccgg 60
atttatg 67

<210> 133

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

<220>
<223> Synthetic oligonucleotide

<400> 133
ccgtgaaagc tgctctgtaa 20

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

<220>
<223> Synthetic oligonucleotide

<400> 134
ttgcagtggg aagaacagtc 20

<210> 135
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 135
aagctgacac agccctccca agtg 24

<210> 136
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 136
ccgtgaaagc tgctctgtaa aagctgacac agccctccca agtgagcagg actgttcttc 60
ccactgcaa 69

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

<220>
<223> Synthetic oligonucleotide

<400> 137
tgaaagtcca aaaccaggaa 20

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

<220>
<223> Synthetic oligonucleotide

<400> 138
cagaaccaag gctatcacca 20

<210> 139
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 139
ccaaagaact cgtgtccctc gagc 24

<210> 140
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 140
tgaaagtcca aaaccaggaa aattccaaag aactcgtgtc cctcgagctg aatctggtga 60
tagccttggt tctg 74

<210> 141
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 141
ccaccttgga ccaaagtaaa gc 22

<210> 142
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 142
tctcagcgtc acctggtagg a 21

<210> 143
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 143
ctccccaaca cgctgaaacc cg 22

<210> 144
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 144
ccaccttgga ccaaagtaaa gcgtggaatc gttaccgcct ccccaacacg ctgaaacccg 60
attcctaccg ggtgacgctg aga 83

<210> 145
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 145
caagacacta agggcgacta cca 23

<210> 146
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 146
cgtgtcgggc ttcagtcat 19

<210> 147
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 147
ccaccacaca ggtacagcag cgct 24

<210> 148
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 148
caagacacta agggcgacta ccagaaagcg ctgctgtacc tgtgtggtgg agatgactga 60
agcccgacac g 71

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

<220>
<223> Synthetic oligonucleotide

<400> 149
ggacagcagg aatgtgtttc 20

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

<220>
<223> Synthetic oligonucleotide

<400> 150
acccactcga tttgtttctg 20

<210> 151
<211> 22
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 151
cattggctcc ccgtgacctg ta 22

<210> 152
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 152
ggacagcagg aatgtgtttc tccatacagg tcacggggag ccaatggttc agaaacaaat 60
cgagtgggt 69

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

<220>
<223> Synthetic oligonucleotide

<400> 153
gatgaagcct ttcgcaagtt 20

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

<220>
<223> Synthetic oligonucleotide

<400> 154
aggtctccac acagcacaag 20

<210> 155
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 155
ctttcgggaa gccaggccct t 21

<210> 156
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 156
gatgaagcct ttcgcaagtt cctgaagggc ctggcttccc gaaagcccct tgtgctgtgt 60
ggagacct 68

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

<220>
<223> Synthetic oligonucleotide

<400> 157
ccagcctgat aaaggtcctg 20

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

<220>
<223> Synthetic oligonucleotide

<400> 158
cactctgaat ccttgctgga 20

<210> 159
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 159
aggacaggac ctcccaacca agc 23

<210> 160
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 160
ccagcctgat aaaggtcctg cgggcaggac aggacctccc aaccaagccc tccagcaagg 60
attcagagtg 70

<210> 161
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 161
gcctcaagag ctggttcg 18

<210> 162
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 162
cctgcacctt ctccacca 18

<210> 163
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 163

actggcgctg catgtcttcc ac 22

<210> 164
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 164
gcctcaagag ctggttcgag cccctggtgg aagacatgca gcgccagtgg gccgggctgg 60
tggagaaggt gcagg 75

<210> 165
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 165
gaggtcctgg agtgcgtg 18

<210> 166
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 166
aggtgccagc ttctccct 18

<210> 167
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 167
ccttaagcga ggtcagctcc acca 24

<210> 168
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 168
gaggtcctgg agtgcgtgag cctggtggag ctgacctcgc ttaagggcag ggagaagctg 60
gcacct 66

<210> 169
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 169
gtgtgggtgc cagtcctc 18

<210> 170
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 170
cccttcagcc ctctcaaag 19

<210> 171
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 171
ctccttccct tccccttctc ctga 24

<210> 172
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 172
gtgtgggtgc cagtcctcct caggagaagg ggaagggaag gaggccactt tgagagggct 60
gaaggg 66

<210> 173
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 173
cgacttcacc gcacctgat 19

<210> 174
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 174
tgacacaagt gggactggga ta 22

<210> 175
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 175
accatgccgc cagggtacca ca 22

<210> 176

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

<220>
<223> Synthetic oligonucleotide

<400> 176
cgacttcacc gcacctgatg tgtggtaccc tggcggcatg gtgagcagag tgccctatcc 60
cagtcccact tgtgtca 77

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

<220>
<223> Synthetic oligonucleotide

<400> 177
cagtagagat ccccgcaact 20

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

<220>
<223> Synthetic oligonucleotide

<400> 178
acaagcacat ggctatggaa 20

<210> 179
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 179
cttgtccttg ggtcaccctg ca 22

<210> 180
<211> 64
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 180
cagtagagat ccccgcaact cgcttgtcct tgggtcaccc tgcattccat agccatgtgc 60
ttgt 64

<210> 181
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 181
cacggtctcg tggtgaagt 19

<210> 182
<211> 18

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 182
cagttgcttg cccaggac 18

<210> 183
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 183
atgccagacc cagacaaagc atca 24

<210> 184
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 184
cacggtctcg tggtgaagtc aatgccagac ccagacaaag catcagcttg tcctgggcaa 60
gcaactg 67

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

<220>
<223> Synthetic oligonucleotide

<400> 185
tggtccctag aacaagaggc 20

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

<220>
<223> Synthetic oligonucleotide

<400> 186
tgatggagga tcagagggag 20

<210> 187
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 187
taaaaccggg ctttcaccca acct 24

<210> 188
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 188
tggtccctag aacaagaggc ttaaaaccgg gctttcaccc aacctgctcc ctctgatcct 60
ccatca 66

<210> 189
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 189
cggcccatca gcttctac 18

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

<220>
<223> Synthetic oligonucleotide

<400> 190
ctctggccaa agatacagcg 20

<210> 191
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 191
ctgggctcca accagcttca gtct 24

<210> 192
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 192
cggcccatca gcttctacca gctgggctcc aaccagcttc agtctaacgc tgtatctttg 60
gccagag 67

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

<220>
<223> Synthetic oligonucleotide

<400> 193
tggactaatc tgtgggagca 20

<210> 194
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 194
aaacaccctt caacacagtc c 21

<210> 195
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 195
agtatcaccc agggtgcagc cac 23

<210> 196
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 196
tggactaatc tgtgggagca gtttattcca gtatcaccca gggtgcagcc acaccaggac 60
tgtgttgaag ggtgttt 77

<210> 197
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 197
tgctttctac acatgttcag gg 22

<210> 198
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 198
gttgtggatc ggctcgtt 18

<210> 199
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 199
ccagctgtct tcgacacttc tcgc 24

<210> 200
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 200
tgctttctac acatgttcag ggatttttca ccagctgtct tcgacacttc tcgcaaacga 60
gccgatccac aac 73

<210> 201
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 201
ccgctttcgc tacagcat 18

<210> 202
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 202
tgggagtatc ggatgtagct g 21

<210> 203
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 203
tccagcctgt ctccagtagg ccac 24

<210> 204
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 204
ccgctttcgc tacagcatgg tggcctactg gagacaggct ggactcagct acatccgata 60
ctccca 66

<210> 205
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 205
gtcgaccgac tgaaacgg 18

<210> 206
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 206
ctctacttcc ggccctgg 18

<210> 207
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 207
ctacccgcca tcgcaatgca ttat 24

<210> 208
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 208
gtcgaccgac tgaaacggcg gcccataatg cattgcgatg gcgggtaggc gtgtgggggc 60
ggagccaggg ccggaagtag ag 82

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

<220>
<223> Synthetic oligonucleotide

<400> 209
gatcgactcc agcaccgtag 20

<210> 210
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 210
gaactgtatc acggccacg 19

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

<220>
<223> Synthetic oligonucleotide

<400> 211
cgggctatgg ctgtcttcaa tcct 24

<210> 212
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 212
gatcgactcc agcaccgtag agaggattga agacagccat agcccgggcg tggccgtgat 60

acagttc 67

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

<220>
<223> Synthetic oligonucleotide

<400> 213
catcttccag gaggaccact 20

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

<220>
<223> Synthetic oligonucleotide

<400> 214
tccgaccttc aatcatttca 20

<210> 215
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 215
ctctgtggca ccctggacta cctg 24

<210> 216
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 216
catcttccag gaggaccact ctctgtggca ccctggacta cctgcccccct gaaatgattg 60
aaggtcgga 69

<210> 217
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 217
agctgcagaa gagctgcaca t 21

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

<220>
<223> Synthetic oligonucleotide

<400> 218
gcatctgcca actcctccat 20

<210> 219
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 219
tgacgagcag cgaacagcca cg 22

<210> 220
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 220
agctgcagaa gagctgcaca tttgacgagc agcgaacagc cacgatcatg gaggagttgg 60
cagatgc 67

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

<220>
<223> Synthetic oligonucleotide

<400> 221
ggctatgtct ttgcaccagc 20

<210> 222
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 222
atccgtcagc gcatcact 18

<210> 223
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 223
accagcgcca acgacagtga gata 24

<210> 224
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 224
ggctatgtct ttgcaccagc caccagcgcc aacgacagtg agatatccag tgatgcgctg 60
acggat 66

<210> 225

<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 225
gaggccagct aggaagcaa 19

<210> 226
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 226
caggaagggc agctactgg 19

<210> 227
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 227
tctgagatcc cacattgcct ccaa 24

<210> 228
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 228
gaggccagct aggaagcaag ggttggaggc aatgtgggat ctcagaccca gtagctgccc 60
ttcctg 66

<210> 229
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 229
gggtcagggg cctcgagat 19

<210> 230
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 230
ctgctcactc ggctcaaact c 21

<210> 231
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 231
tgggcccaga gcatgttcca gatc 24

<210> 232
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 232
gggtcagggg cctcgagatc gggcttgggc ccagagcatg ttccagatcc cagagtttga 60
gccgagtgag cag 73

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

<220>
<223> Synthetic oligonucleotide

<400> 233
actcctgcaa tgaaccctgt 20

<210> 234
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 234
acaaacagct ccccacga 18

<210> 235
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 235
acaccggatt tagctcttgt cggc 24

<210> 236
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 236
actcctgcaa tgaaccctgt tgacaccgga tttagctctt gtcggccttc gtggggagct 60
gtttgt 66

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

<220>
<223> Synthetic oligonucleotide

<400> 237
ccattcccac cattctacct 20

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

<220>
<223> Synthetic oligonucleotide

<400> 238
gggaacatag acccaccaat 20

<210> 239
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 239
acaccccaga cgtcctggcc t 21

<210> 240
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 240
ccattcccac cattctacct gaggccagga cgtctggggt gtggggattg gtgggtctat 60
gttccc 66

<210> 241
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 241
ccgccgtgga cacagact 18

<210> 242
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 242
ttgccgtcag aaaacatgtc a 21

<210> 243
<211> 25
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 243
tgccactcgg aaaaagacct ctcgg 25

<210> 244
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 244
ccgccgtgga cacagactcc ccccgagagg tctttttccg agtggcagct gacatgtttt 60
ctgacggcaa 70

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

<220>
<223> Synthetic oligonucleotide

<400> 245
cctggagggt cctgtacaat 20

<210> 246
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 246
ctaattgggc tccatctcg 19

<210> 247
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 247
catcatggga ctcctgccct tacc 24

<210> 248
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 248
cctggagggt cctgtacaat ctcatcatgg gactcctgcc cttacccagg ggccacagag 60
cccccgagat ggagcccaat tag 83

<210> 249
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 249
cagatggacc tagtacccac tgaga 25

<210> 250
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 250
cctatgattt aagggcattt ttcc 24

<210> 251
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 251
ttccacgccg aaggacagcg at 22

<210> 252
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 252
cagatggacc tagtacccac tgagatttcc acgccgaagg acagcgatgg gaaaaatgcc 60
cttaaatcat agg 73

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

<220>
<223> Synthetic oligonucleotide

<400> 253
gtggcagaaa tctacctggc 20

<210> 254
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 254
gaagggcaag cccaagac 18

<210> 255
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 255

acctggcagc ctctgatctg gtgt 24

<210> 256
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 256
gtggcagaaa tctacctggc caacctggca gcctctgatc tggtgtttgt cttgggcttg 60
cccttc 66

<210> 257
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 257
gagctccgca aggatgac 18

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

<220>
<223> Synthetic oligonucleotide

<400> 258
cttgttgttc accaggacga 20

<210> 259
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 259
caagggtctc cagcacctct acgc 24

<210> 260
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 260
gagctccgca aggatgactt caagggtctc cagcacctct acgccctcgt cctggtgaac 60
aacaag 66

<210> 261
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 261
attcctatgg ctctgcaatt gtc 23

<210> 262
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 262
ggcaggagtg aatggctctt c 21

<210> 263
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 263
ccggttaact gtggcctgtg ccc 23

<210> 264
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 264
attcctatgg ctctgcaatt gtcaccggtt aactgtggcc tgtgcccagg aagagccatt 60
cactcctgcc 70

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

<220>
<223> Synthetic oligonucleotide

<400> 265
cctgcaaaag ggaacaagag 20

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

<220>
<223> Synthetic oligonucleotide

<400> 266
cgtggttgac tctgatctcg 20

<210> 267
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 267
cttcgcctcc agatggctcc c 21

<210> 268

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

<220>
<223> Synthetic oligonucleotide

<400> 268
cctgcaaaag ggaacaagag cccttcgcct ccagatggct cccctgccgc cacccccgag 60
atcagagtca accacg 76

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

<220>
<223> Synthetic oligonucleotide

<400> 269
ttcaggtgga tgaggagaca 20

<210> 270
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 270
cacacagcag tggcaaaag 19

<210> 271
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 271
tctgccagac gcttcctatc actctattc 29

<210> 272
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 272
ttcaggtgga tgaggagaca gaatagagtg ataggaagcg tctggcagat actccttttg 60
ccactgctgt gtg 73

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

<220>
<223> Synthetic oligonucleotide

<400> 273
gtgcagacct tggttcacct 20

<210> 274
<211> 19

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 274
cttagttggc gcacagcac 19

<210> 275
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 275
tgaaccccga gtatgtcccc aaac 24

<210> 276
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 276
gtgcagacct tggttcacct tatgaacccc gagtatgtcc ccaaaccgtg ctgtgcgcca 60
actaag 66

<210> 277
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 277
accactttgg ccatccct 18

<210> 278
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 278
gcggtgtttg tacccagtg 19

<210> 279
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 279
attcacatta ccatagcggc ccca 24

<210> 280
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 280
accactttgg ccatccctgc atttggggcc gctatggtaa tgtgaatgca ctgggtacaa 60
acaccgc 67

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

<220>
<223> Synthetic oligonucleotide

<400> 281
tcaggggct agaaatctgt 20

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

<220>
<223> Synthetic oligonucleotide

<400> 282
ccattccagt tgatctgtgg 20

<210> 283
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 283
ctatgggccc ttcaccaaca tgc 23

<210> 284
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 284
tcaggggct agaaatctgt tgctatgggc ccttcaccaa catgcccaca gatcaactgg 60
aatgg 65

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

<220>
<223> Synthetic oligonucleotide

<400> 285
agttcgtgct ttgcaagatg 20

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

<220>
<223> Synthetic oligonucleotide

<400> 286
aaggtaagct gggtctgctg 20

<210> 287
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 287
cattcttcac tgcttcataa agctctgca 29

<210> 288
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 288
agttcgtgct ttgcaagatg gtgcagagct ttatgaagca gtgaagaatg cagcagaccc 60
agcttacctt 70

<210> 289
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 289
gaggtccgag cgatgtga 18

<210> 290
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 290
agttattttc gagacaggag gc 22

<210> 291
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 291
cgctcgtctc ttcctctctc ctgc 24

<210> 292
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 292
gaggtccgag cgatgtgacc aggccgccat cgctcgtctc ttcctctctc ctgccgcctc 60
ctgtctcgaa aataact 77

<210> 293
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 293
ccatatcgcc caattcca 18

<210> 294
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 294
ccagtgattc cggtcacaa 19

<210> 295
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 295
catgggtacc tcctcctgga atgc 24

<210> 296
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 296
ccatatcgcc caattccagt gacatgggta cctcctcctg gaatgcattg tgaccggaat 60
cactgg 66

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

<220>
<223> Synthetic oligonucleotide

<400> 297
gttgggacac agttggtctg 20

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

<220>
<223> Synthetic oligonucleotide

<400> 298
tgaagcagtc agttgtgctg 20

<210> 299
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 299
cagtcggccc aggacggtct act 23

<210> 300
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 300
gttgggacac agttggtctg cagtcggccc aggacggtct actcagcaca actgactgct 60
tca 63

<210> 301
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 301
ccgaggttaa tccagcacgt a 21

<210> 302
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 302
aagacatggc gctctcagtt c 21

<210> 303
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 303
tgctgggagc ctacacttgg ccc 23

<210> 304
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 304
ccgaggttaa tccagcacgt atggggccaa gtgtaggctc ccagcaggaa ctgagagcgc 60

catgtctt 68

<210> 305
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 305
atgtctgagt gtgaggcgg 19

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

<220>
<223> Synthetic oligonucleotide

<400> 306
aggccttatg ctggtgacag 20

<210> 307
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 307
atgctctgcc ctctgcatct caga 24

<210> 308
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 308
atgtctgagt gtgaggcggg cgctctgaga tgcagagggc agagcatctc tgtcaccagc 60
ataaggcct 69

<210> 309
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 309
aggacccagc tccatgtg 18

<210> 310
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 310
cctacattcc gtgccattg 19

<210> 311
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 311
cagtacactg gcgtccattc cctg 24

<210> 312
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 312
aggacccagc tccatgtgcg ttctcaggga atggacgcca gtgtactgcc aatggcacgg 60
aatgtagg 68

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

<220>
<223> Synthetic oligonucleotide

<400> 313
ccaccaccat ccttaccatc 20

<210> 314
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 314
gatccactgc cctgatcg 18

<210> 315
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 315
tcttcacctg ctcgggaatc tgtg 24

<210> 316
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 316
ccaccaccat ccttaccatc atcacagatt cccgagcagg tgaagaaggc tcgatcaggg 60
cagtggatc 69

<210> 317

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

<220>
<223> Synthetic oligonucleotide

<400> 317
cagcaaggag actgtgctga 20

<210> 318
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 318
ggtcctcttc tccacggtag at 22

<210> 319
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 319
ctcctggatg gccaaatttg atgc 24

<210> 320
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 320
cagcaaggag actgtgctga gctcctggat ggccaaattt gatgccatct accgtggaga 60
agaggacc 68

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

<220>
<223> Synthetic oligonucleotide

<400> 321
aactggagct gaggttgaca 20

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

<220>
<223> Synthetic oligonucleotide

<400> 322
catctacgct gtaccccaga 20

<210> 323
<211> 25
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 323
tcacaggcat gacaatgctg ctaca 25

<210> 324
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 324
aactggagct gaggttgaca tcacaggcat gacaatgctg ctacaaaatc tggggtacag 60
cgtagatg 68

<210> 325
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 325
tgagcctgag cagagacatg a 21

<210> 326
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 326
ccttcctgcg tggtccat 18

<210> 327
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 327
tcagcctgtt ccatgaaggc agagc 25

<210> 328
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 328
tgagcctgag cagagacatg actcagcctg ttccatgaag gcagagccat ggaccacgca 60
ggaagg 66

<210> 329
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 329
gcagcgccga gactttta 18

<210> 330
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 330
agtctctctc cgtcgctcc 19

<210> 331
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 331
ctttcgctaa aggggcccca gac 23

<210> 332
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 332
gcagcgccga gacttttagt ttcgctttcg ctaaaggggc cccagaccct tgctgcggag 60
cgacggagag agact 75

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

<220>
<223> Synthetic oligonucleotide

<400> 333
gtggctcaac attgtgttcc 20

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

<220>
<223> Synthetic oligonucleotide

<400> 334
caatggcctc cattttacag 20

<210> 335
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 335
atttcagctg atcagtgggc ctcc 24

<210> 336
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 336
gtggctcaac attgtgttcc catttcagct gatcagtggg cctccaagga ggggctgtaa 60
aatggaggcc attg 74

<210> 337
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 337
cttccctggg acgacttg 18

<210> 338
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 338
ctcctggtca cccttctgg 19

<210> 339
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 339
cccgtactgt catgcctcag agct 24

<210> 340
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 340
cttccctggg acgacttgcc agctctgagg catgacagta cgggccccca gaagggtgac 60
caggag 66

<210> 341
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 341
cgctcagcca gatgcaatc 19

<210> 342
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 342
gcactgagat cttcctattg gtgaa 25

<210> 343
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 343
tgccccagtc acctgctgtt a 21

<210> 344
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 344
cgctcagcca gatgcaatca atgccccagt cacctgctgt tataacttca ccaataggaa 60
gatctcagtg c 71

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

<220>
<223> Synthetic oligonucleotide

<400> 345
aggttctgag ctctggcttt 20

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

<220>
<223> Synthetic oligonucleotide

<400> 346
atgctgactt ccttcctggt 20

<210> 347
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 347

acagagccct ggcaaagcca ag 22

<210> 348
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 348
aggttctgag ctctggcttt gccttggctt tgccagggct ctgtgaccag gaaggaagtc 60
agcat 65

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

<220>
<223> Synthetic oligonucleotide

<400> 349
ttcaggttgt tgcaggagac 20

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

<220>
<223> Synthetic oligonucleotide

<400> 350
catcttcttg ggcacacaat 20

<210> 351
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 351
tgtctccatt attgatcggt tcatgca 27

<210> 352
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 352
ttcaggttgt tgcaggagac catgtacatg actgtctcca ttattgatcg gttcatgcag 60
aataattgtg tgcccaagaa gatg 84

<210> 353
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 353
gcatgttcgt ggcctctaag a 21

<210> 354
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 354
cggtgtagat gcacagcttc tc 22

<210> 355
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 355
aaggagacca tccccctgac ggc 23

<210> 356
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 356
gcatgttcgt ggcctctaag atgaaggaga ccatcccccct gacggccgag aagctgtgca 60
tctacaccg 69

<210> 357
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 357
atgctgtggc tccttcctaa ct 22

<210> 358
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 358
acccaaattg tgatatacaa aaaggtt 27

<210> 359
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 359
taccaagcaa cctacatgtc aagaaagccc 30

<210> 360

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

<220>
<223> Synthetic oligonucleotide

<400> 360
atgctgtggc tccttcctaa ctggggcttt cttgacatgt aggttgcttg gtaataacct 60
ttttgtatat cacaatttgg gt 82

<210> 361
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 361
gagatcttcg gtgggggta 19

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

<220>
<223> Synthetic oligonucleotide

<400> 362
ctgcagacga gaacccaaac 20

<210> 363
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 363
catcagcgtc ctggcgtaaa acac 24

<210> 364
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 364
gagatcttcg gtgggggtac gggtgtttta cgccaggacg ctgatgcgtt tgggttctcg 60
tctgcag 67

<210> 365
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 365
tccaagaccc aatgggaa 18

<210> 366
<211> 19

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 366
tcgtaggctt tcgtgagga 19

<210> 367
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 367
actcaccaca cctgcagcct tcac 24

<210> 368
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 368
tccaagaccc aatgggaatt cactcaccac acctgcagcc ttcactttcc tcacgaaagc 60
ctacga 66

<210> 369
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 369
caacctgtgc gaaagtctac c 21

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

<220>
<223> Synthetic oligonucleotide

<400> 370
acacccaaga ccaggacaat 20

<210> 371
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 371
cctccaatga aactggctgc atca 24

<210> 372
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 372
caacctgtgc gaaagtctac ctttgatgca gccagtttca ttggaggaat tgtcctggtc 60
ttgggtgt 68

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

<220>
<223> Synthetic oligonucleotide

<400> 373
ggagtggaag gaactggaaa 20

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

<220>
<223> Synthetic oligonucleotide

<400> 374
tcatgggcgt atctacgaat 20

<210> 375
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 375
cgcaccattc ggtcatttga gg 22

<210> 376
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 376
ggagtggaag gaactggaaa cattattccg tatacgcacc attcggtcat ttgagggaat 60
tcgtagatac gcccatga 78

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

<220>
<223> Synthetic oligonucleotide

<400> 377
ccaaaggatg cgatacacag 20

<210> 378
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 378
ggatgacttg ggaatcatgt c 21

<210> 379
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 379
ccactgtgca gccttatttc tccaatg 27

<210> 380
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 380
ccaaaggatg cgatacacag accactgtgc agccttattt ctccaatgga catgattccc 60
aagtcatcc 69

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

<220>
<223> Synthetic oligonucleotide

<400> 381
ggcaccactg cttatgaagg 20

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

<220>
<223> Synthetic oligonucleotide

<400> 382
gatgctcatg gtgaatgagg 20

<210> 383
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 383
actggaaccc agaagcacac cctc 24

<210> 384
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 384
ggcaccactg cttatgaagg aaactggaac ccagaagcac accctcccct cattcaccat 60
gagcatc 67

<210> 385
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 385
tggttcccag ccctgtgt 18

<210> 386
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 386
ctcctccacc ctgggttgt 19

<210> 387
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 387
ctccaagccc agattcagat tcgagtca 28

<210> 388
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 388
tggttcccag ccctgtgtcc acctccaagc ccagattcag attcgagtca tgtacacaac 60
ccagggtgga ggag 74

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

<220>
<223> Synthetic oligonucleotide

<400> 389
gtgcaggctc aggtgaagtg 20

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

<220>
<223> Synthetic oligonucleotide

<400> 390
gacctcaggg cgattcatga 20

<210> 391
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 391
tcagcttcta caactggaca gacaacgctg 30

<210> 392
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 392
gtgcaggctc aggtgaagtg ctgcggctgg gtcagcttct acaactggac agacaacgct 60
gagctcatga atcgccctga ggtc 84

<210> 393
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 393
tggattggag ttctgggaat g 21

<210> 394
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 394
gcttgcactc cacaggtaca ca 22

<210> 395
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 395
actggccgtg gcactggaca aca 23

<210> 396
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 396
tggattggag ttctgggaat gtactggccg tggcactgga caacagtgtg tacctgtgga 60

gtgcaagc 68

<210> 397
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 397
gctgcaggac cagtgagg 18

<210> 398
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 398
tagggcagct ggcttcag 18

<210> 399
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 399
ctgctacctc ccttgccttt cgag 24

<210> 400
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 400
gctgcaggac cagtgagggg cctgcgccag tcctgctacc tcccttgcct ttcgaggcct 60
gaagccagct gcccta 76

<210> 401
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 401
gcaacactcc ccatttacct c 21

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

<220>
<223> Synthetic oligonucleotide

<400> 402
tgaggggac cattctcttt 20

<210> 403
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 403
ttgttctcca ccaaagcaag gcaa 24

<210> 404
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 404
gcaacactcc ccatttacct ccttgttctc caccaaagca aggcaagaaa gagaatggtc 60
cccctca 67

<210> 405
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 405
tgagtgtccc ccggtatctt c 21

<210> 406
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 406
cagccgcttt cagattttca t 21

<210> 407
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 407
tgccaatccc gatgaaattg gaaattt 27

<210> 408
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 408
tgagtgtccc ccggtatctt ccccgccctg ccaatcccga tgaaattgga aattttattg 60
atgaaaatct gaaagcggct g 81

<210> 409

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

<220>
<223> Synthetic oligonucleotide

<400> 409
tgtggtgcaa gtcacagcta c 21

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

<220>
<223> Synthetic oligonucleotide

<400> 410
tgtaaatgac tctggcgctg 20

<210> 411
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 411
atgccgatga cccttcatat ggga 24

<210> 412
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 412
tgtggtgcaa gtcacagcta cagatgccga tgacccttca tatgggaaca gcgccagagt 60
catttaca 68

<210> 413
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 413
gtcggcagaa gcaggact 18

<210> 414
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 414
ctactcatgg gcgggatg 18

<210> 415
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 415
ccttctgccc atagtgatca gcga 24

<210> 416
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 416
gtcggcagaa gcaggacttg taccttctgc ccatagtgat cagcgatggc ggcatcccgc 60
ccatgagtag 70

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

<220>
<223> Synthetic oligonucleotide

<400> 417
agtaccataa tgcgggaacg 20

<210> 418
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 418
agactgcctg tataggctcc tg 22

<210> 419
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 419
actcggaaaa ccacaagcgc tgag 24

<210> 420
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 420
agtaccataa tgcgggaacg caagactcgg aaaaccacaa gcgctgagat caggagccta 60
tacaggcagt ct 72

<210> 421
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 421
acaggagacg tgttcgcc 18

<210> 422
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 422
cagcagtgag gtggtactct ga 22

<210> 423
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 423
tattctcccg gtccagcctc tcaa 24

<210> 424
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 424
acaggagacg tgttcgccat tgagaggctg gaccgggaga atatctcaga gtaccacctc 60
actgctg 67

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

<220>
<223> Synthetic oligonucleotide

<400> 425
gtttgacatg gctgcactga 20

<210> 426
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 426
agtcacatcc ctccgggt 18

<210> 427
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 427
acctcaacgt catccgagac acca 24

<210> 428
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 428
gtttgacatg gctgcactga gaaacctcaa cgtcatccga gacaccaaga cccggaggga 60
tgtgact 67

<210> 429
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 429
gcaaggtaaa tgggaagttg g 21

<210> 430
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 430
gatagctgtg aaaggtgtcc ct 22

<210> 431
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 431
cttcctgcag cctgatcacc ttca 24

<210> 432
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 432
gcaaggtaaa tgggaagttg gtagctctga aggtgatcag gctgcaggaa gaagaaggga 60
caccttcac agctatc 77

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

<220>
<223> Synthetic oligonucleotide

<400> 433
aatgctgcac tacgacccta 20

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

<220>
<223> Synthetic oligonucleotide

<400> 434
ttggtcacat cctggaagaa 20

<210> 435
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 435
ccttggccga aatccgcttg t 21

<210> 436
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 436
aatgctgcac tacgacccta acaagcggat ttcggccaag gcagccctgg ctcacccttt 60
cttccaggat gtgaccaa 78

<210> 437
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 437
ccaggaaggg actggaaga 19

<210> 438
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 438
gttgcatgag caggtccc 18

<210> 439
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 439

ctctggctcc agattgggca caat 24

<210> 440
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 440
ccaggaaggg actggaagag attgtgccca atctggagcc agagggcagg gacctgctca 60
tgcaac 66

<210> 441
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 441
gtctcgggca aagcgttat 19

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

<220>
<223> Synthetic oligonucleotide

<400> 442
ctctggcctt gtaaacggtg 20

<210> 443
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 443
cctccccaag gaagtccagc ttct 24

<210> 444
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 444
gtctcgggca aagcgttatg agaagctgga cttccttggg gagggacagt ttgccaccgt 60
ttacaaggcc agag 74

<210> 445
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 445
tggagactct cagggtcgaa a 21

<210> 446
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 446
ggcgtttgga gtggtagaaa tc 22

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

<220>
<223> Synthetic oligonucleotide

<400> 447
cggcggcaga ccagcatgac 20

<210> 448
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 448
tggagactct cagggtcgaa aacggcggca gaccagcatg acagatttct accactccaa 60
acgcc 65

<210> 449
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 449
cggcgatcaa gaagctgt 18

<210> 450
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 450
caggcgctga tctcttgc 18

<210> 451
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 451
cgggcctctg atctccgatt tctt 24

<210> 452

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

<220>
<223> Synthetic oligonucleotide

<400> 452
cggcgatcaa gaagctgtcc gggcctctga tctccgattt cttcgccaag cgcaagagat 60
cagcgcctg 69

<210> 453
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 453
gacgctgcag agcacctt 18

<210> 454
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 454
gcgggaatct ctcctcagt 19

<210> 455
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 455
cacaggatgc tggcctttgc tctt 24

<210> 456
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 456
gacgctgcag agcacctttg cacaggatgc tggcctttgc tcttactaca ctgaggagag 60
attcccgc 68

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

<220>
<223> Synthetic oligonucleotide

<400> 457
gagcactggg caatcgttac 20

<210> 458
<211> 19

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 458
caaaggcgaa cgggagtag 19

<210> 459
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 459
cctgtaactt gagggccacc gaac 24

<210> 460
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 460
gagcactggg caatcgttac gacctgtaac ttgagggcca ccgaactgct actcccgttc 60
gcctttg 67

<210> 461
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 461
tggatctcta ccagcaatgt g 21

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

<220>
<223> Synthetic oligonucleotide

<400> 462
atgtcaggag tccctccatc 20

<210> 463
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 463
atcacccatc atcatccaat cgca 24

<210> 464
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 464
tggatctcta ccagcaatgt ggaattatca cccatcatca tccaatcgca gatggaggga 60
ctcctgacat 70

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

<220>
<223> Synthetic oligonucleotide

<400> 465
gggcttcttt gctactgtgg 20

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

<220>
<223> Synthetic oligonucleotide

<400> 466
acagggcaga caaagcatct 20

<210> 467
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 467
cccggacatc acataggaca gcag 24

<210> 468
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 468
gggcttcttt gctactgtgg tgtttggcct tctgctgtcc tatgtgatgt ccgggtacag 60
atgctttgtc tgccctgt 78

<210> 469
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 469
ctcccgtcaa cagcgttc 18

<210> 470
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 470
gggtgagtct ggccttca 18

<210> 471
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 471
acactggacc aggagtgcat ccag 24

<210> 472
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 472
ctcccgtcaa cagcgttctt tccaaacact ggaccaggag tgcatccaga tgaaggccag 60
actcaccc 68

<210> 473
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 473
gaactcagtg tatgagaagc gg 22

<210> 474
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 474
gctctgtagc acctgcgg 18

<210> 475
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 475
tgcacgtacc agcacatcct gaag 24

<210> 476
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 476
gaactcagtg tatgagaagc ggcctgactt caggatgtgc tggtacgtgc acccgcaggt 60
gctacagagc 70

<210> 477
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 477
ttacgacgct cgtgaaagc 19

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

<220>
<223> Synthetic oligonucleotide

<400> 478
tctccctgat gcacatgtct 20

<210> 479
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 479
ccaccattgg ccgcttagtg gtat 24

<210> 480
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 480
ttacgacgct cgtgaaagca cataccacta agcggccaat ggtggtagac atgtgcatca 60
gggaga 66

<210> 481
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 481
tctcgctgcc tctatccc 18

<210> 482
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 482
cctggttgat gctggaca 18

<210> 483
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 483
atccgggtca tcatgaagag ctcc 24

<210> 484
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 484
tctcgctgcc tctatcccgc atccgggtca tcatgaagag ctcccccgag gtgtccagca 60
tcaaccagg 69

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

<220>
<223> Synthetic oligonucleotide

<400> 485
ggctggacgt ggttttgtct 20

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

<220>
<223> Synthetic oligonucleotide

<400> 486
cgctgcagaa aatgaaacga 20

<210> 487
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 487
ctgcgcccgc tcttcgcg 18

<210> 488
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 488
ggctggacgt ggttttgtct gctgcgcccg ctcttcgcgc tctcgtttca ttttctgcag 60

cg 62

<210> 489
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 489
accaactgcg tgcaggac 18

<210> 490
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 490
ggcgagaagg aacagcac 18

<210> 491
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 491
caaggccaag atcaccatcg tgg 23

<210> 492
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 492
accaactgcg tgcaggacga cacggccaag gccaagatca ccatcgtggc aggcgtgctg 60
ttccttctcg cc 72

<210> 493
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 493
accgtatgga cagccacag 19

<210> 494
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 494
tgactacagg atcagcgctt c 21

<210> 495
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 495
tctcacatgc tgtacccaaa gcca 24

<210> 496
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 496
accgtatgga cagccacagc ctggctttgg gtacagcatg tgagatgaag cgctgatcct 60
gtagtca 67

<210> 497
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 497
gcccaagagg ggaagatg 18

<210> 498
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 498
ggacctgggt ctccagttg 19

<210> 499
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 499
ctgctcgacc tttgggtcct tcag 24

<210> 500
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 500
gcccaagagg ggaagatggc cctgaaggac ccaaaggtcg agcaggccca actggagacc 60
caggtcc 67

<210> 501

<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 501
gtggccatcc agctgacc 18

<210> 502
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 502
cagtggtagg tgatgttctg gga 23

<210> 503
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 503
tcctgcgcct gatgtccacc g 21

<210> 504
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 504
gtggccatcc agctgacctt cctgcgcctg atgtccaccg aggcctccca gaacatcacc 60
taccactg 68

<210> 505
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 505
cagccaagaa ctggtatagg agct 24

<210> 506
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 506
aaactggctg ccagcattg 19

<210> 507
<211> 30
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 507
tctcctagcc agacgtgttt cttgtccttg 30

<210> 508
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 508
cagccaagaa ctggtatagg agctccaagg acaagaaaca cgtctggcta ggagaaacta 60
tcaatgctgg cagccagttt 80

<210> 509
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 509
ggaggttctg gacctgctg 19

<210> 510
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 510
accaggactg ccacgttc 18

<210> 511
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 511
ctcctggtcc ccaaggtgtc aaag 24

<210> 512
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 512
ggaggttctg gacctgctgg tcctcctggt ccccaaggtg tcaaaggtga acgtggcagt 60
cctggt 66

<210> 513
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 513
acaaaggcct cccaggat 18

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

<220>
<223> Synthetic oligonucleotide

<400> 514
gagtcccagg aagacctgct 20

<210> 515
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 515
ctcctttgac accagggatg ccat 24

<210> 516
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 516
acaaaggcct cccaggattg gatggcatcc ctggtgtcaa aggagaagca ggtcttcctg 60
ggactc 66

<210> 517
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 517
ctccctggga aagatggc 18

<210> 518
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 518
ctggaccagg aagccctc 18

<210> 519
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 519
ccagggaaac cacgtaatcc tgga 24

<210> 520
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 520
ctccctggga aagatggccc tccaggatta cgtggtttcc ctggggaccg agggcttcct 60
ggtccag 67

<210> 521
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 521
ggtcgaggaa cccaaggt 18

<210> 522
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 522
gcctggaggt ccaactctg 19

<210> 523
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 523
ccaggaaatc ctgtagcacc aggc 24

<210> 524
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 524
ggtcgaggaa cccaaggtcc gcctggtgct acaggatttc ctggttctgc gggcagagtt 60
ggacctccag gc 72

<210> 525
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 525
ggagaccctg gtgaagctg 19

<210> 526
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 526
tctccaggga caccaacg 18

<210> 527
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 527
cttctcttcc ctgatcaccc tgcg 24

<210> 528
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 528
ggagaccctg gtgaagctgg cccgcagggt gatcagggaa gagaaggccc cgttggtgtc 60
cctggaga 68

<210> 529
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 529
gagagcaagc gagacattct g 21

<210> 530
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 530
aacagggaac tggcccac 18

<210> 531
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 531

cctctttgac ggctcagcca atct 24

<210> 532
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 532
gagagcaagc gagacattct gttcctcttt gacggctcag ccaatcttgt gggccagttc 60
cctgtt 66

<210> 533
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 533
tggtgttcca gggcttct 18

<210> 534
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 534
ccctgtaaac cctgatccc 19

<210> 535
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 535
cctaagggag agccaggaat ccca 24

<210> 536
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 536
tggtgttcca gggcttctcg gacctaaggg agagccagga atcccagggg atcagggttt 60
acaggg 66

<210> 537
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 537
gggaaccatc cagggtct 18

<210> 538
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 538
attccgggtg gacagttg 18

<210> 539
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 539
acacaggaaa tccgcactgc cttc 24

<210> 540
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 540
gggaaccatc cagggtctgg aaggcagtgc ggatttcctg tgtccaacca actgtccacc 60
cggaat 66

<210> 541
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 541
tcccttatga acaaggagca c 21

<210> 542
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 542
aaccattggt gcatagtcca t 21

<210> 543
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 543
tgccagttgc ccagataact gtga 24

<210> 544

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

<220>
<223> Synthetic oligonucleotide

<400> 544
tcccttatga acaaggagca ccttgtgcca gttgcccaga taactgtgac gatggactat 60
gcaccaatgg tt 72

<210> 545
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 545
tgcagcggct gattgaca 18

<210> 546
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 546
caactgttcc tggtctacaa actca 25

<210> 547
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 547
tcagatggag acctcgtgcc aaattaca 28

<210> 548
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 548
tgcagcggct gattgacagt cagatggaga cctcgtgcca aattacattt gagtttgtag 60
accaggaaca gttg 74

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

<220>
<223> Synthetic oligonucleotide

<400> 549
cctgaacatg aaggagctga 20

<210> 550
<211> 19

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 550
catcacgtct ccgaactcc 19

<210> 551
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 551
tcccgatggt ctgcagcagc t 21

<210> 552
<211> 64
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 552
cctgaacatg aaggagctga agctgctgca gaccatcggg aaggggagt tcggagacgt 60
gatg 64

<210> 553
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 553
acccaagacc ctgcctct 18

<210> 554
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 554
gcaggggtgg agtgatgt 18

<210> 555
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 555
ccacccttct ccagggaccc ttag 24

<210> 556
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 556
acccaagacc ctgcctcttc cactccaccc ttctccaggg acccttagat cacatcactc 60
caccctgc 69

<210> 557
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 557
gagttcaagt gccctgacg 19

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

<220>
<223> Synthetic oligonucleotide

<400> 558
agttgtaatg gcaggcacag 20

<210> 559
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 559
aacatcatgt tcttcttcat gacctcgc 28

<210> 560
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 560
gagttcaagt gccctgacgg cgaggtcatg aagaagaaca tgatgttcat caagacctgt 60
gcctgccatt acaact 76

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

<220>
<223> Synthetic oligonucleotide

<400> 561
tggctcactt cggctaaaat 20

<210> 562
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 562
tcagctccat tgaatgtgaa a 21

<210> 563
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 563
caacgctgac agcatgcatt tctg 24

<210> 564
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 564
tggctcactt cggctaaaat gcagaaatgc atgctgtcag cgttggtatt tcacattcaa 60
tggagctga 69

<210> 565
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 565
cgttccgatc ctctatactg cat 23

<210> 566
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 566
aggtccctgt tggccttata gg 22

<210> 567
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 567
atgcctacag caccctgatg tcgca 25

<210> 568
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 568
cgttccgatc ctctatactg catcccaggc atgcctacag caccctgatg tcgcagccta 60
taaggccaac agggacct 78

<210> 569
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 569
ggctcttgtg cgtactgtcc tt 22

<210> 570
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 570
tcagatgacg aagagcacag atg 23

<210> 571
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 571
aggctcagtg atgtcttccc tgtcaccag 29

<210> 572
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 572
ggctcttgtg cgtactgtcc ttcgggctgg tgacagggaa gacatcactg agcctgccat 60
ctgtgctctt cgtcatctga 80

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

<220>
<223> Synthetic oligonucleotide

<400> 573
cggaaacttc gggaatgtga 20

<210> 574
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 574
ctgaatcctt ctgcccaatc tc 22

<210> 575
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 575
ttgatgccct cattttcatt gttcaggc 28

<210> 576
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 576
cggaaacttc gggaatgtga tggtttagtt gatgccctca ttttcattgt tcaggctgag 60
attgggcaga aggattcag 79

<210> 577
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 577
gcccgtccct acagtgaac 19

<210> 578
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 578
ctcacaccca ggagtcgg 18

<210> 579
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 579
ctatgaaacg agccactacc cggc 24

<210> 580
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 580
gcccgtccct acagtgaact gaactatgaa acgagccact acccggcctc ccccgactcc 60

tgggtgtgag 70

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

<220>
<223> Synthetic oligonucleotide

<400> 581
ggccgagatc tacaaaaacg 20

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

<220>
<223> Synthetic oligonucleotide

<400> 582
gcaggaagtc cgaatacaca 20

<210> 583
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 583
ccccgtggag ggagctttct c 21

<210> 584
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 584
ggccgagatc tacaaaaacg gccccgtgga gggagctttc tctgtgtatt cggacttcct 60
gc 62

<210> 585
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 585
gtacatgatc ccctgtgaga aggt 24

<210> 586
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 586
gggacagctt gtagcctttg c 21

<210> 587
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 587
accctgcccg cgatcacact ga 22

<210> 588
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 588
gtacatgatc ccctgtgaga aggtgtccac cctgcccgcg atcacactga agctgggagg 60
caaaggctac aagctgtccc 80

<210> 589
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 589
aggcttctct tggtgtccat ac 22

<210> 590
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 590
ccacctcttc actggtcatg t 21

<210> 591
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 591
ccccaggtgg ttcatagcca gttc 24

<210> 592
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 592
aggcttctct tggtgtccat acatatgaac tggctatgaa ccacctgggg gacatgacca 60
gtgaagaggt gg 72

<210> 593

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

<220>
<223> Synthetic oligonucleotide

<400> 593
tgtctcactg agcgagcaga a 21

<210> 594
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 594
accattgcag ccctgattg 19

<210> 595
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 595
cttgaggacg cgaacagtcc acca 24

<210> 596
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 596
tgtctcactg agcgagcaga atctggtgga ctgttcgcgt cctcaaggca atcagggctg 60
caatggt 67

<210> 597
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 597
tgacaacggc tttccagtac at 22

<210> 598
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 598
tccatggctt tgtagggata gg 22

<210> 599
<211> 28
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 599
tgataacaag ggcatcgact cagacgct 28

<210> 600
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 600
tgacaacggc tttccagtac atcattgata acaagggcat cgactcagac gcttcctatc 60
cctacaaagc catgga 76

<210> 601
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 601
atgccctggt aatgtctgca t 21

<210> 602
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 602
gcgaccacaa gccttatcaa g 21

<210> 603
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 603
cagccacaaa gccagcgtca ttgt 24

<210> 604
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 604
atgccctggt aatgtctgca ttcaacaatg acgctggctt tgtggctgct cttgataagg 60
cttgtggtcg c 71

<210> 605
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 605
gagctacaga tgcccatgc 19

<210> 606
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 606
tttgagatgc ttgacgttgg 20

<210> 607
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 607
ttcttcgaaa gccatgttgc caga 24

<210> 608
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 608
gagctacaga tgcccatgcc gattcttcga aagccatgtt gccagagcca acgtcaagca 60
tctcaaa 67

<210> 609
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 609
tgaccgcttc taccccaatg 20

<210> 610
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 610
aggataaggc caaccatgat gt 22

<210> 611
<211> 28
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 611
ctgaaactgg aacacaacca cccacaag 28

<210> 612
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 612
tgaccgcttc taccccaatg acttgtgggt ggttgtgttc cagtttcagc acatcatggt 60
tggccttatc ct 72

<210> 613
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 613
cgcctcagaa cgatggat 18

<210> 614
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 614
gttgcatggc cagctgat 18

<210> 615
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 615
ctcagagcca gggaacttct cgga 24

<210> 616
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 616
cgcctcagaa cgatggatct gcatctcttc gactactcag agccagggaa cttctcggac 60
atcagctggc catgcaac 78

<210> 617
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 617
tcattgccca gtatggagat g 21

<210> 618
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 618
gacaggcttg cctttctctg 20

<210> 619
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 619
tcccgcctca agtttctcac caat 24

<210> 620
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 620
tcattgccca gtatggagat gtattggtga gaaacttgag gcgggaagca gagaaaggca 60
agcctgtc 68

<210> 621
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 621
tgctcattct tgaggagcat 20

<210> 622
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 622
gtggctgcat tagtgtccat 20

<210> 623
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 623

cagcaccctt ggcagtttcg aaat 24

<210> 624
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 624
tgctcattct tgaggagcat taaggtattt cgaaactgcc aagggtgctg gtgcggatgg 60
acactaatgc agccac 76

<210> 625
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 625
gtgactgggc tcatgcct 18

<210> 626
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 626
atcccacttg tgctcctgtc 20

<210> 627
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 627
caagtcagag tttccctggt gccc 24

<210> 628
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 628
gtgactgggc tcatgcctcc aagtcagagt ttccctggtg ccccagagac aggagcacaa 60
gtgggat 67

<210> 629
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 629
ccagcctttc tggtgctg 18

<210> 630
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 630
gaccaggtct gcctctgc 18

<210> 631
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 631
ctcaccagct ggcagacgtg aact 24

<210> 632
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 632
ccagcctttc tggtgctgtt ctccagttca cgtctgccag ctggtgaggg cagaggcaga 60
cctggtc 67

<210> 633
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 633
cgctgacatc atgaatgttc ct 22

<210> 634
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 634
tctctttcag caacgatgtg tctt 24

<210> 635
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 635
tcatatccaa actcgcctcc agccg 25

<210> 636

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

<220>
<223> Synthetic oligonucleotide

<400> 636
cgctgacatc atgaatgttc ctcgaccggc tggaggcgag tttggatatg acaaagacac 60
atcgttgctg aaagaga 77

<210> 637
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 637
gccctcatta gtccttggct 20

<210> 638
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 638
cagacagaag ggctgggac 19

<210> 639
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 639
tcagcgcctg tgcttccaag ataa 24

<210> 640
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 640
gccctcatta gtccttggct cttatcttgg aagcacaggc gctgacagcc gtcccagccc 60
ttctgtctg 69

<210> 641
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 641
cctggcgtct gtcctcac 18

<210> 642
<211> 18

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 642
cgaagaggag gtggacga 18

<210> 643
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 643
ctagcctttg ggaccgcttc tcgt 24

<210> 644
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 644
cctggcgtct gtcctcacca tgcctagcct ttgggaccgc ttctcgtcgt cgtccacctc 60
ctcttcg 67

<210> 645
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 645
ctattaccgg atccagggc 19

<210> 646
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 646
cccagcaaga tactctccca 20

<210> 647
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 647
agtgctccct atccgctgga tgtc 24

<210> 648
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 648
ctattaccgg atccagggcc gggcagtgct ccctatccgc tggatgtctt gggagagtat 60
cttgctggg 69

<210> 649
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 649
acttctcact ggccgacg 18

<210> 650
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 650
gctccacctt ctcgttggt 19

<210> 651
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 651
tgaaccagga gtttctgacc acgc 24

<210> 652
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 652
acttctcact ggccgacgcg gtgaaccagg agtttctgac cacgcgcacc aacgagaagg 60
tggagc 66

<210> 653
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 653
ggagaaaggt ctctggggtc 20

<210> 654
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 654
cagtcagtgg gagccagc 18

<210> 655
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 655
atcaataatg ctggtgttcc cggc 24

<210> 656
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 656
ggagaaaggt ctctggggtc tgatcaataa tgctggtgtt cccggcgtgc tggctcccac 60
tgactg 66

<210> 657
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 657
gttcgaacca tctcagcgac 20

<210> 658
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 658
tccagttgga ttgtggaggt 20

<210> 659
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 659
ccaaggaacc acacccactt ggtt 24

<210> 660
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 660
gttcgaacca tctcagcgac aaaaccaagt gggtgtggtt ccttggtcac ctccacaatc 60
caactgga 68

<210> 661
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 661
caagcagtca aggagaacca 20

<210> 662
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 662
agttttgctc gcctcatctt 20

<210> 663
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 663
ttcttctgtc tcccgccgct tc 22

<210> 664
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 664
caagcagtca aggagaacca gaagcggcgg gagacagaag aaaagatgag gcgagcaaaa 60
ct 62

<210> 665
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 665
tccaattcca gcatcactgt 20

<210> 666
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 666
ggcagtgaag gcgataaagt 20

<210> 667
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 667
agaaaagctg tttgtctccc cagca 25

<210> 668
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 668
tccaattcca gcatcactgt ggagaaaagc tgtttgtctc cccagcatac tttatcgcct 60
tcactgcc 68

<210> 669
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 669
ctcctttcac gagccagc 18

<210> 670
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 670
aggaagtcag ccactgagga 20

<210> 671
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 671
actcttccac cagtttgcgg aagg 24

<210> 672
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 672
ctcctttcac gagccagctg ccagccttcc gcaaactggt ggaagagttc tcctcagtgg 60

ctgacttcct 70

<210> 673
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 673
gattcagacg aggatgagcc 20

<210> 674
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 674
cacctcttgc tgtccctttg 20

<210> 675
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 675
aaagtccatt tgccactgat ggca 24

<210> 676
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 676
gattcagacg aggatgagcc ttgtgccatc agtggcaaat ggactttcca aagggacagc 60
aagaggtg 68

<210> 677
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 677
ctgctgagcc cagtggag 18

<210> 678
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 678
agcctggaag gagttccg 18

<210> 679
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 679
cgcagaccac ccatactaca ccca 24

<210> 680
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 680
ctgctgagcc cagtggagca ccaccccgca gaccacccat actacaccca gcggaactcc 60
ttccaggct 69

<210> 681
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 681
cacggaggta taaggcagga g 21

<210> 682
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 682
agaaggaagg tccagccg 18

<210> 683
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 683
ctacctggac atccctgctc agcc 24

<210> 684
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 684
cacggaggta taaggcagga gcctacctgg acatccctgc tcagccccgc ggctggacct 60
tccttct 67

<210> 685

<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 685
ctttcccacc cggcttac 18

<210> 686
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 686
aaggaccttc tgcaggtgtg 20

<210> 687
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 687
catatcgctg accgaatggg aacc 24

<210> 688
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 688
ctttcccacc cggcttacag acatatcgct gaccgaatgg gaaccccaca cctgcagaag 60
gtcctt 66

<210> 689
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 689
gtcctgggat cgggaagt 18

<210> 690
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 690
gtactcccac cgggatacag 20

<210> 691
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 691
cggctattcc acacttgaac acgc 24

<210> 692
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 692
gtcctgggat cgggaagtgg cgtgttcaag tgtggaatag ccgtggcgcc tgtatcccgg 60
tgggagtac 69

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

<220>
<223> Synthetic oligonucleotide

<400> 693
cacctagaag cctgcccac 19

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

<220>
<223> Synthetic oligonucleotide

<400> 694
cagtagctcc ccagggttc 19

<210> 695
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 695
ttcctaggaa ggctggcaga cacc 24

<210> 696
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 696
cacctagaag cctgcccacg attcctagga aggctggcag acaccctgga accctgggga 60
gctactg 67

<210> 697
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 697
agacatcagc tcctggttca 20

<210> 698
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 698
gacaaacacc cttcctccag 20

<210> 699
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 699
cgaggccatt gacttcatag actcca 26

<210> 700
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 700
agacatcagc tcctggttca acgaggccat tgacttcata gactccatca agaatgctgg 60
aggaagggtg tttgtc 76

<210> 701
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 701
catgcaggga ctgggatt 18

<210> 702
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 702
tgctcctacc ctatcatttg g 21

<210> 703
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 703
tctaccctat gcgcctggaa gtcc 24

<210> 704
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 704
catgcaggga ctgggattcg aggacttcca ggcgcatagg gtagaaccaa atgatagggt 60
aggagca 67

<210> 705
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 705
tctgtcccac ctgctgct 18

<210> 706
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 706
tcagactgtt gccggatg 18

<210> 707
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 707
cttggagcag cctgcacctt ctct 24

<210> 708
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 708
tctgtcccac ctgctgctgc cccttggagc agcctgcacc ttctctcctc ccatccggca 60
acagtctga 69

<210> 709
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 709
gccgcctacc tcacagac 18

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

<220>
<223> Synthetic oligonucleotide

<400> 710
gcctgactcc agctctcct 19

<210> 711
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 711
acccacgtca gtgagtgctc acaa 24

<210> 712
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 712
gccgcctacc tcacagactt gtgagcactc actgacgtgg gtagcgccca gggcctgcgg 60
ggcgcaggag agctggagtc aggc 84

<210> 713
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 713
tgcggcgaga tggacact 18

<210> 714
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 714
gtgacaaggg attcatcgga tt 22

<210> 715
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 715

cccgctctcg gattcggagt cg 22

<210> 716
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 716
tgcggcgaga tggacactcc cccgctctcg gattcggagt cggaatccga tgaatccctt 60
gtcac 65

<210> 717
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 717
accttgggat ctgcctcc 18

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

<220>
<223> Synthetic oligonucleotide

<400> 718
ggaccaggac ctccatctg 19

<210> 719
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 719
tccactctcg ataccctgca ccag 24

<210> 720
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 720
accttgggat ctgcctccaa gctggtgcag ggtatcgaga gtggattcca gatggaggtc 60
ctggtcc 67

<210> 721
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 721
tgccacctgg acatcatttg 20

<210> 722
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 722
tggacctagg gcttccaagt c 21

<210> 723
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 723
cactcccgag cacgttgttc cgt 23

<210> 724
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 724
tgccacctgg acatcatttg ggtcaacact cccgagcacg ttgttccgta tggacttgga 60
agccctaggt cca 73

<210> 725
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 725
tttcctcaaa tttgcctcaa g 21

<210> 726
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 726
ttacacatcc aaccagtgcc 20

<210> 727
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 727
cctttgcctc agggcatcct ttt 23

<210> 728

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

<220>
<223> Synthetic oligonucleotide

<400> 728
tttcctcaaa tttgcctcaa gatggaaacc ctttgcctca gggcatcctt ttggctggca 60
ctggttggat gtgtaa 76

<210> 729
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 729
tgacattatc atcccgctaa gga 23

<210> 730
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 730
gtagtccccg ctgaccttct c 21

<210> 731
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 731
cggacagcgt cttctgccct cact 24

<210> 732
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 732
tgacattatc atcccgctaa ggactgcgga cagcgtcttc tgccctcact acgagaaggt 60
cagcggggac tac 73

<210> 733
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 733
ctttgccttg ctctgtcaca gt 22

<210> 734
<211> 27

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 734
aaatacctga cacccttatg acaaatt 27

<210> 735
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 735
agagtttaac agccctgctc tggctgactt 30

<210> 736
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 736
ctttgccttg ctctgtcaca gtgaagtcag ccagagcagg gctgttaaac tctgtgaaat 60
ttgtcataag ggtgtcaggt attt 84

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

<220>
<223> Synthetic oligonucleotide

<400> 737
gtccccgctg cagatctct 19

<210> 738
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 738
ctccagctta gggtagttgt ccat 24

<210> 739
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 739
cggatccttt cctcactcgc cca 23

<210> 740
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 740
gtccccgctg cagatctctg acccgttcgg atcctttcct cactcgccca ccatggacaa 60
ctaccctaag ctggag 76

<210> 741
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 741
ccatgtggat gaatgaggtg 20

<210> 742
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 742
tgcctgagaa gaggtgaggt 20

<210> 743
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 743
acccagtctc accttctccc cacc 24

<210> 744
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 744
ccatgtggat gaatgaggtg tctcctttcc atacccagtc tcaccttctc cccaccctac 60
ctcacctctt ctcaggca 78

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

<220>
<223> Synthetic oligonucleotide

<400> 745
gcactgtggg cagatgaa 18

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

<220>
<223> Synthetic oligonucleotide

<400> 746
atgtttggtg actggcgg 18

<210> 747
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 747
cgggtcacat tgcagacacg gtac 24

<210> 748
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 748
gcactgtggg cagatgaaga ggaagtaccg cgtctgcaat gtgacccggc ggcccgccag 60
tcaccaaaca t 71

<210> 749
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 749
ctgcctccct gattcaagtg 20

<210> 750
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 750
ggtggcaagt gcctgtaata tc 22

<210> 751
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 751
tctcgtgctt cagcctccca tgta 24

<210> 752
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 752
ctgcctccct gattcaagtg attctcgtgc ttcagcctcc catgtagctg atattacagg 60
cacttgccac c 71

<210> 753
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 753
ctcattgcag gccagataaa 20

<210> 754
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 754
gccatgaaga gcttgccta 19

<210> 755
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 755
cagaacatca aggagttcac tgccca 26

<210> 756
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 756
ctcattgcag gccagataaa cacttactgc cagaacatca aggagttcac tgcccaaaac 60
ttaggcaagc tcttcatggc 80

<210> 757
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 757
gatctaagat ggcgactgtc gaa 23

<210> 758
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 758
ttagattccg ttttctcctc ttctg 25

<210> 759
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 759
accaccccta ctcctaatcc cccgact 27

<210> 760
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 760
gatctaagat ggcgactgtc gaaccggaaa ccacccctac tcctaatccc ccgactacag 60
aagaggagaa aacggaatct aa 82

<210> 761
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 761
gaattggtct ccagctgcc 19

<210> 762
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 762
tccaggtata tggctcctgc 20

<210> 763
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 763
ccacttgcac ccgaatcttg atca 24

<210> 764
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 764
gaattggtct ccagctgcct ttgatcaaga ttcgggtgca agtggagcag gagccatata 60

cctgga 66

<210> 765
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 765
gatgtggaga atggagggaa 20

<210> 766
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 766
agtcattgcg gctagaggtc 20

<210> 767
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 767
ataaaccacc tcagcctggt gcca 24

<210> 768
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 768
gatgtggaga atggagggaa agataaacca cctcagcctg gtgccaagac ctctagccgc 60
aatgact 67

<210> 769
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 769
ctcctgcgca ctaatacctt c 21

<210> 770
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 770
tccctggata attgggtctg 20

<210> 771
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 771
taacttcctc tggcatggtt ggcc 24

<210> 772
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 772
ctcctgcgca ctaatacctt caggccaacc atgccagagg aagttaccag acccaattat 60
ccaggga 67

<210> 773
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 773
cctcaaagag ttgctgagag c 21

<210> 774
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 774
cctctttaca gtgtgccttc a 21

<210> 775
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 775
ctgatccttc agccacatt caattaattt 30

<210> 776
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 776
cctcaaagag ttgctgagag ctaaattaat tgaatgtggc tggaaggatc agttgaaggc 60
acactgtaaa gagg 74

<210> 777

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

<220>
<223> Synthetic oligonucleotide

<400> 777
cgcctgttca ccaagattga c 21

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

<220>
<223> Synthetic oligonucleotide

<400> 778
gtggcgtgcc tcgaagtc 18

<210> 779
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 779
tgcgcccgat gagatcaccg 20

<210> 780
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 780
cgcctgttca ccaagattga caccattgcg cccgatgaga tcaccgtcag cagcgacttc 60
gaggcacgcc ac 72

<210> 781
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 781
cagtagcctc aagcctgaca 20

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

<220>
<223> Synthetic oligonucleotide

<400> 782
ttcgtcccat atccagcg 18

<210> 783
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 783
tattccaaat ccgagcccga acag 24

<210> 784
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 784
cagtagcctc aagcctgaca ctatatacgt attccaaatc cgagcccgaa cagccgctgg 60
atatgggacg aa 72

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

<220>
<223> Synthetic oligonucleotide

<400> 785
caaccaggca gctccatc 18

<210> 786
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 786
gtaatgctgt ccacggtgc 19

<210> 787
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 787
cacctgatgc atgatggaca ctgc 24

<210> 788
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 788
caaccaggca gctccatcgg cagtgtccat catgcatcag gtgagccgca ccgtggacag 60
cattac 66

<210> 789
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 789
tgaacggggt atcctcctta 20

<210> 790
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 790
aggtacctct cggtcagtgg 20

<210> 791
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 791
cgtcccattt gagcctgtca atgt 24

<210> 792
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 792
tgaacggggt atcctcctta gccacggggc ccgtcccatt tgagcctgtc aatgtcacca 60
ctgaccgaga ggtacct 77

<210> 793
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 793
cggtgtgaga agtgcagcaa 20

<210> 794
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 794
cctctcgcaa gtgctccat 19

<210> 795
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 795
ccagaccata gcacactcgg gcac 24

<210> 796
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 796
cggtgtgaga agtgcagcaa gccctgtgcc cgagtgtgct atggtctggg catggagcac 60
ttgcgagagg 70

<210> 797
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 797
cggttatgtc atgccagata cac 23

<210> 798
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 798
gaactgagac ccactgaaga aagg 24

<210> 799
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 799
cctcaaaggt actccctcct cccgg 25

<210> 800
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 800
cggttatgtc atgccagata cacacctcaa aggtactccc tcctcccggg aaggcaccct 60
ttcttcagtg ggtctcagtt c 81

<210> 801
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 801
tggctcttaa tcagtttcgt tacct 25

<210> 802
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 802
caaggcatat cgatcctcat aaagt 25

<210> 803
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 803
tgtcccacga ataatgcgta aattctccag 30

<210> 804
<211> 86
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 804
tggctcttaa tcagtttcgt tacctgcctc tggagaattt acgcattatt cgtgggacaa 60
aactttatga ggatcgatat gccttg 86

<210> 805
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 805
gtccaggtgg atgtgaaaga 20

<210> 806
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 806
cggccaggat acacatctta 20

<210> 807
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 807

cagcaggccc tcaaggagct g 21

<210> 808
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 808
gtccaggtgg atgtgaaaga tccccagcag gccctcaagg agctggctaa gatgtgtatc 60
ctggccg 67

<210> 809
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 809
tgctagggta aacgaaggca 20

<210> 810
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 810
tggagacaag tcctggcac 19

<210> 811
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 811
taagccatgg ctgacctctg gagc 24

<210> 812
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 812
tgctagggta aacgaaggca taataagcca tggctgacct ctggagcacc aggtgccagg 60
acttgtctcc a 71

<210> 813
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 813
ccaacactag gctcccca 18

<210> 814
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 814
cctccgccag gtctttagt 19

<210> 815
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 815
agccatatgc cttctcatct gggc 24

<210> 816
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 816
ccaacactag gctccccacc agccatatgc cttctcatct gggcacttac tactaaagac 60
ctggcggagg 70

<210> 817
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 817
cgtggtgccc ctctatgac 19

<210> 818
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 818
ggctagtggg cgcatgtag 19

<210> 819
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 819
ctggagatgc tggacgccc 19

<210> 820

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

<220>
<223> Synthetic oligonucleotide

<400> 820
cgtggtgccc ctctatgacc tgctgctgga gatgctggac gcccaccgcc tacatgcgcc 60
cactagcc 68

<210> 821
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 821
tggtccatcg ccagttatca 20

<210> 822
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 822
tgttctagcg atcttgcttc aca 23

<210> 823
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 823
atctgtatgc ggaacctcaa aagagtccct 30

<210> 824
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 824
tggtccatcg ccagttatca catctgtatg cggaacctca aaagagtccc tggtgtgaag 60
caagatcgct agaaca 76

<210> 825
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 825
tcaaacaaga gccaggaatg 20

<210> 826
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 826
aactgccaga gctgaagtga 20

<210> 827
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 827
atcgggaagg acccacatac caac 24

<210> 828
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 828
tcaaacaaga gccaggaatg tatcgggaag gacccacata ccaacggcga ggatcacttc 60
agctctggca gtt 73

<210> 829
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 829
tccagtgcct atgacccc 18

<210> 830
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 830
actgtccaag ggcaccag 18

<210> 831
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 831
cagacaaatc gccatcaagt cccc 24

<210> 832
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 832
tccagtgcct atgacccccc cagacaaatc gccatcaagt cccctgcccc tggtgccctt 60
ggacagt 67

<210> 833
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 833
tggaaacagc gaaggataca 20

<210> 834
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 834
caccgaacac tccctagtcc 20

<210> 835
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 835
tcctgacttc tgtgagctca ttgcg 25

<210> 836
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 836
tggaaacagc gaaggataca gcctgtgcac atcctgactt ctgtgagctc attgcgcggg 60
actagggagt gttcggtg 78

<210> 837
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 837
aaggagcaaa ccatccagg 19

<210> 838
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 838
gcagggtttc attgagcac 19

<210> 839
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 839
cccgggctca acatcactac ctgt 24

<210> 840
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 840
aaggagcaaa ccatccaggt gcccgggctc aacatcacta cctgtcatga tgtgctcaat 60
gaaaccctgc 70

<210> 841
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 841
gacagcgtag tggtgcatgt 20

<210> 842
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 842
agctgaacat ggactgtgga 20

<210> 843
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 843
tgcccttcgt gcacaccaat g 21

<210> 844
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 844
gacagcgtag tggtgcatgt gctgaagctg cagggtgccg tgcccttcgt gcacaccaat 60
gttccacagt ccatgttcag ct 82

<210> 845
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 845
gctgatggca gaaaaactca 20

<210> 846
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 846
ctttccttcc catcccact 19

<210> 847
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 847
cctgatgctg aaccaatgca ccat 24

<210> 848
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 848
gctgatggca gaaaaactca gactgtctgc aactttacag atggtgcatt ggttcagcat 60
caggagtggg atgggaagga aag 83

<210> 849
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 849
gttttcgcga gataacggtc 20

<210> 850
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 850
ctccggtgcc tgattcac 18

<210> 851
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 851
aacgcgctct tgtcgatttc ctgt 24

<210> 852
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 852
gttttcgcga gataacggtc gaaaacgcgc tcttgtcgat ttcctgtagt gaatcaggca 60
ccggag 66

<210> 853
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 853
aagtcaggga aaacctgcg 19

<210> 854
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 854
gctggcccta cagctctct 19

<210> 855
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 855
aattgccaca ctgaccagcg aaga 24

<210> 856
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 856
aagtcaggga aaacctgcgg agaattgcca cactgaccag cgaagagaga gagctgtagg 60

gccagc 66

<210> 857
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 857
atcttcaaag cggagagcg 19

<210> 858
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 858
gctggatacc acatgctctg 20

<210> 859
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 859
tcctgacttt ctccgtggct cctc 24

<210> 860
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 860
atcttcaaag cggagagcgg gaggagccac ggagaaagtc aggagacaga gcatgtggta 60
tccagc 66

<210> 861
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 861
ccaggaagga aaagcactgt 20

<210> 862
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 862
gtggtctgcc ccttctttta 20

<210> 863
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 863
tgaagatttt gaagctaata catcccccac 30

<210> 864
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 864
ccaggaagga aaagcactgt tgaagatttt gaagctaata catcccccac taaaagaagg 60
ggcagaccac 70

<210> 865
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 865
agatgcagaa ggcatcttgg 20

<210> 866
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 866
gctggattgc ctctcgtatt 20

<210> 867
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 867
tggccagctc ctctgtatga ctgc 24

<210> 868
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 868
agatgcagaa ggcatcttgg aggacttgca gtcatacaga ggagctggcc acgaaatacg 60
agaggcaatc cagc 74

<210> 869

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

<220>
<223> Synthetic oligonucleotide

<400> 869
tgagaaggtg cgctattcaa 20

<210> 870
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 870
ggccattaaa agctcagtgc 20

<210> 871
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 871
aagacctcat gcagttactc attcgcc 27

<210> 872
<211> 85
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 872
tgagaaggtg cgctattcaa gtacagagac tttagctgaa gacctcatgc agttactcat 60
tcgccgcact gagcttttaa tggcc 85

<210> 873
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 873
gttggctcac gtgggttac 19

<210> 874
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 874
gacaggaccg aaacattctg 20

<210> 875
<211> 27
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 875
agccactgca aacatactcg ttcatca 27

<210> 876
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 876
gttggctcac gtgggttact gatgaacgag tatgtttgca gtggctaaaa agagtccaga 60
atgtttcggt cctgtc 76

<210> 877
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 877
ggattgctca acaaccatgc t 21

<210> 878
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 878
ggcattaaca cttttggacg ataa 24

<210> 879
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 879
tctggaccct cctacctctg gttcttacgt 30

<210> 880
<211> 91
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 880
ggattgctca acaaccatgc tgggcatctg gaccctccta cctctggttc ttacgtctgt 60
tgctagatta tcgtccaaaa gtgttaatgc c 91

<210> 881
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 881
gcactttggg attctttcca ttat 24

<210> 882
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 882
gcatgtaaga agaccctcac tgaa 24

<210> 883
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 883
acaacattct cggtgcctgt aacaaagaa 29

<210> 884
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 884
gcactttggg attctttcca ttatgattct ttgttacagg caccgagaat gttgtattca 60
gtgagggtct tcttacatgc 80

<210> 885
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 885
gcctcttcct gttcgacg 18

<210> 886
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 886
gctttgcccg gtagctct 18

<210> 887
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 887
tcgcccacct acgtactggc ctac 24

<210> 888
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 888
gcctcttcct gttcgacggc tcgcccacct acgtactggc ctacacccag agctaccggg 60
caaagc 66

<210> 889
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 889
gtctccagtg gaagggaaaa 20

<210> 890
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 890
aggaatgcag ctactcactg g 21

<210> 891
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 891
cccatgatct tcaagcaggg aagc 24

<210> 892
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 892
gtctccagtg gaagggaaaa gcccatgatc ttcaagcagg gaagccccag tgagtagctg 60
cattcct 67

<210> 893
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 893
tcttccgtcc ctgtcacct 19

<210> 894
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 894
agagttggtg gcctctggt 19

<210> 895
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 895
acaccatgtc ctgaccaagg gctt 24

<210> 896
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 896
tcttccgtcc ctgtcacctg ccaagccctt ggtcaggaca tggtgtcacc agaggccacc 60
aactct 66

<210> 897
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 897
ggtggctgtc ctcaaaatct 20

<210> 898
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 898
tctagccagg aggagtttgg 20

<210> 899
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 899

ttctcggatc tccctcagtc tgcc 24

<210> 900
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 900
ggtggctgtc ctcaaaatct gcttctcgga tctccctcag tctgccccca gcccccaaac 60
tcctcctggc taga 74

<210> 901
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 901
gcatcggttt ccatctgc 18

<210> 902
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 902
aacatattgg cttcgtggga 20

<210> 903
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 903
ccattgactt tgccatccgg gtag 24

<210> 904
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 904
gcatcggttt ccatctgcag atctacccgg atggcaaagt caatggatcc cacgaagcca 60
atatgtt 67

<210> 905
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 905
gggccattaa ttctgaccac 20

<210> 906
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 906
cccgggacat agtgatgaa 19

<210> 907
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 907
catccacctt gcctctcagg cac 23

<210> 908
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 908
gggccattaa ttctgaccac gtgcctgaga ggcaaggtgg atggccctgg gacagaaact 60
gttcatcact atgtcccggg 80

<210> 909
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 909
ccagagcaaa tggctacaaa 20

<210> 910
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 910
tcccctcctt ccatgtaatc 20

<210> 911
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 911
cagccctgag cgacacacaa gaag 24

<210> 912

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

<220>
<223> Synthetic oligonucleotide

<400> 912
ccagagcaaa tggctacaaa tgtgaactgt tccagccctg agcgacacac aagaagttat 60
gattacatgg aaggagggga 80

<210> 913
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 913
gagggactgt tggcatgca 19

<210> 914
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 914
gagtgagaat tcgatccaag tcttc 25

<210> 915
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 915
tcccagagac caacgttcaa gcagttg 27

<210> 916
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 916
gagggactgt tggcatgcag tgccctccca gagaccaacg ttcaagcagt tggtagaaga 60
cttggatcga attctcactc 80

<210> 917
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 917
ctggcttaag gatggacagg 20

<210> 918
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 918
acgagactcc agtgctgatg 20

<210> 919
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 919
cctttcatgg ggagaaccgc att 23

<210> 920
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 920
ctggcttaag gatggacagg cctttcatgg ggagaaccgc attggaggca ttcggctgcg 60
ccatcagcac tggagtctcg t 81

<210> 921
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 921
cccacagtag aggggtctca 20

<210> 922
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 922
ggttctggct ttcacgtctg 20

<210> 923
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 923
tctccccagt tccacagcag tgtc 24

<210> 924
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 924
cccacagtag aggggtctca tgtctcccca gttccacagc agtgtcacag acgtgaaagc 60
cagaacc 67

<210> 925
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 925
gaacctgcgg tggacact 18

<210> 926
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 926
gaagacaccc tggccctc 18

<210> 927
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 927
taccaggccc atagcactgg acac 24

<210> 928
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 928
gaacctgcgg tggacacttc cggtgtccag tgctatgggc ctggtattga gggccagggt 60
gtcttc 66

<210> 929
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 929
caggacaatg gtgatggct 19

<210> 930
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 930
tgatggtgta ctcgccagg 19

<210> 931
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 931
atgtgctgtc agctacctgc ccac 24

<210> 932
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 932
caggacaatg gtgatggctc atgtgctgtc agctacctgc ccacggagcc tggcgagtac 60
accatca 67

<210> 933
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 933
ggctcctgaa tctatctttg 20

<210> 934
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 934
tcccacagca atactccgta 20

<210> 935
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 935
ctacagcacc aagagcgacg tgtg 24

<210> 936
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 936
ggctcctgaa tctatctttg acaaaatcta cagcaccaag agcgacgtgt ggtcttacgg 60
agtattgctg tggga 75

<210> 937
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 937
accaagaagc tgaggacctg 20

<210> 938
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 938
cctggaagct gtagcagaca 20

<210> 939
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 939
agcccgctga ccatggaaga tct 23

<210> 940
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 940
accaagaagc tgaggacctg tggctgagcc cgctgaccat ggaagatctt gtctgctaca 60
gcttccagg 69

<210> 941
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 941
ggaagtgaca gacgtgaagg t 21

<210> 942
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 942
acacggtagc cggtcact 18

<210> 943
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 943
actctcaggc ggtgtccaca tgat 24

<210> 944
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 944
ggaagtgaca gacgtgaagg tcaccatcat gtggacaccg cctgagagtg cagtgaccgg 60
ctaccgtgt 69

<210> 945
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 945
cgagcccttt gatgacttcc t 21

<210> 946
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 946
ggagcgggct gtctcaga 18

<210> 947
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 947
tcccagcatc atccaggccc ag 22

<210> 948
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 948
cgagcccttt gatgacttcc tgttcccagc atcatccagg cccagtggct ctgagacagc 60

ccgctcc 67

<210> 949
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 949
gtaagcacca tgccccac 18

<210> 950
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 950
ggggcagagg cacttgta 18

<210> 951
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 951
tatgaaccgc ctgacccaag tgaa 24

<210> 952
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 952
gtaagcacca tgccccacac ctcgggtatg aaccgcctga cccaagtgaa gacacctgta 60
caagtgcctc tgcccc 76

<210> 953
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 953
ctgtttgctg tccggagg 18

<210> 954
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 954
gtggaggaac tctgggaatg 20

<210> 955
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 955
tgtttccatg gctaccccac aggt 24

<210> 956
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 956
ctgtttgctg tccggaggca cctgtggggt agccatggaa acagcacatt cccagagttc 60
ctccac 66

<210> 957
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 957
tgtttttgtc gcaacttcca 20

<210> 958
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 958
tggaaaggtt ccctgatgta ct 22

<210> 959
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 959
tgatttatgt cccttccctc cccc 24

<210> 960
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 960
tgtttttgtc gcaacttcca ttgatttatg tcccttccct ccccccctaag tacatcaggg 60
aacctttcca 70

<210> 961

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

<220>
<223> Synthetic oligonucleotide

<400> 961
aggcctcctg tccttctaca 20

<210> 962
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 962
tgtgtgaacc tggtcttgaa a 21

<210> 963
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 963
cgcaccaaac aagtgctgca ca 22

<210> 964
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 964
aggcctcctg tccttctaca atgcccgcac caaacaagtg ctgcacactt tcaagaccag 60
gttcacaca 69

<210> 965
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 965
gaagcgcaga tcatgaagaa 20

<210> 966
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 966
ctcctcagac accactgcat 20

<210> 967
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 967
ctgaagcacg acaagctggt ccag 24

<210> 968
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 968
gaagcgcaga tcatgaagaa gctgaagcac gacaagctgg tccagctcta tgcagtggtg 60
tctgaggag 69

<210> 969
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 969
aatctgcctg tggccttg 18

<210> 970
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 970
cgagatgttg ctggtgaca 19

<210> 971
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 971
ccagcctcag tgccacttga catt 24

<210> 972
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 972
aatctgcctg tggccttgcc cgccagcctc agtgccactt gacattcctt gtcaccagca 60
acatctcg 68

<210> 973
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 973
ccactgtcct gacaatgacc 20

<210> 974
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 974
gagatccatc gctgtgacat 20

<210> 975
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 975
ctcagcacca ttgcccggaa at 22

<210> 976
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 976
ccactgtcct gacaatgacc accctcagca ccattgcccg gaaatcgctc cccaaggtct 60
cctatgtcac agcgatggat ctc 83

<210> 977
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 977
gtgctggtga cgaatcca 18

<210> 978
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 978
cccggcaaaa acaaataagt 20

<210> 979
<211> 25
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 979
ttcatctcaa tggaaggatc ctgcc 25

<210> 980
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 980
gtgctggtga cgaatccaca ttcatctcaa tggaaggatc ctgccttaag tcaacttatt 60
tgtttttgcc ggg 73

<210> 981
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 981
accctcgaca agaccacact 20

<210> 982
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 982
tgggagttca tgggtacaga 20

<210> 983
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 983
tgggagttca tgggtacaga 20

<210> 984
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 984
accctcgaca agaccacact ttgggacttg ggagctgggg ctgaagttgc tctgtaccca 60
tgaactccca 70

<210> 985
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 985
cgctccagac ctatgatgac t 21

<210> 986
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 986
acagtggaag gaccaggact 20

<210> 987
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 987
tgttagccaa agactgccac tgca 24

<210> 988
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 988
cgctccagac ctatgatgac ttgttagcca aagactgcca ctgcatatga gcagtcctgg 60
tccttccact gt 72

<210> 989
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 989
ccacctccca caggttca 18

<210> 990
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 990
ggtgcgtgcc tgtagtcc 18

<210> 991
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 991

cgtgcctcag cctcctgagt agct 24

<210> 992
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 992
ccacctccca caggttcagg cgattcccgt gcctcagcct cctgagtagc tgggactaca 60
ggcacgcacc 70

<210> 993
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 993
ggattcacat cgcggaaa 18

<210> 994
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 994
gttcttgcat aacaatccgg tc 22

<210> 995
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 995
ccctgctcac atgcctcaca tgat 24

<210> 996
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 996
ggattcacat cgcggaaagt ccctgctcac atgcctcaca tgattgaccg gattgttatg 60
caagaac 67

<210> 997
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 997
aagggctaaa tccaggtgtg 20

<210> 998
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 998
ctggatctct gtggctggt 19

<210> 999
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 999
tcctgtcctt cactgtcctt gcca 24

<210> 1000
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1000
aagggctaaa tccaggtgtg acggtatcta atgatgtcct gtccttcact gtccttgcca 60
tcaccagcca cagagatcca g 81

<210> 1001
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1001
atgtgcttgg agtggcct 18

<210> 1002
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1002
tgtagaacat aaacacgggc a 21

<210> 1003
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1003
cgctgagaaa ccaaacacac ccag 24

<210> 1004

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

<220>
<223> Synthetic oligonucleotide

<400> 1004
atgtgcttgg agtggcctgg ctgggtgtgt ttggtttctc agcggtgccc gtgtttatgt 60
tctaca 66

<210> 1005
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1005
cagcctcgcc tttaaggat 19

<210> 1006
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1006
tgacaaatat ggccaagcag 20

<210> 1007
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1007
caaacagtgc cctgatctcc gttg 24

<210> 1008
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1008
cagcctcgcc tttaaggatg gcaaacagtg ccctgatctc cgttggctgc ttggccatat 60
ttgtca 66

<210> 1009
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1009
caaggaccag atccagcg 18

<210> 1010
<211> 18

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1010
ggtagggcag gaagcagg 18

<210> 1011
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1011
ctcagcaccg tggtcatctt cctg 24

<210> 1012
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1012
caaggaccag atccagcggc tggtgctcag caccgtggtc atcttcctgg cctgcttcct 60
gccctacc 68

<210> 1013
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1013
agtacaagca ggctgccaag 20

<210> 1014
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1014
gcagctcagg gaagtcaca 19

<210> 1015
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1015
cctcctgctg gcttcctttg atca 24

<210> 1016
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1016
agtacaagca ggctgccaag tgcctcctgc tggcttcctt tgatcactgt gacttccctg 60
agctgc 66

<210> 1017
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1017
ccatctgcat ccatcttgtt 20

<210> 1018
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1018
ggccaccagg gtattatctg 20

<210> 1019
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1019
ctccccaccc ttgagaagtg cct 23

<210> 1020
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1020
ccatctgcat ccatcttgtt tgggctcccc acccttgaga agtgcctcag ataataccct 60
ggtggcc 67

<210> 1021
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1021
gtgtgggcaa ggacaagc 18

<210> 1022
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1022
gacctgattt ggcctcacc 19

<210> 1023
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1023
tccaccctcc ctttctcact ccac 24

<210> 1024
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1024
gtgtgggcaa ggacaagcag gatagtggag tgagaaaggg agggtggagg gtgaggccaa 60
atcaggtc 68

<210> 1025
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1025
gacaaggacg gcagcaag 18

<210> 1026
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1026
ttgtggcctg tctggacc 18

<210> 1027
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1027
ccaggagttg ccaccactgt tgtc 24

<210> 1028
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1028
gacaaggacg gcagcaaggt gacaacagtg gtggcaactc ctgggcaggg tccagacagg 60
ccacaa 66

<210> 1029
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1029
cttctgctaa gcggtacatc ga 22

<210> 1030
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1030
ggctcaaagc cttgcttcac 20

<210> 1031
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1031
acccagccaa tcgggatcgg c 21

<210> 1032
<211> 85
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1032
cttctgctaa gcggtacatc gagacggacc cagccaatcg ggatcggcgg acgcccatca 60
ccgtggtgaa gcaaggcttt gagcc 85

<210> 1033
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1033
aagctatgag gaaaagaagt acacgat 27

<210> 1034
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1034
ggcccagctt gaatttttca 20

<210> 1035
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1035
tcagccactg gcttctgtca taatcaggag 30

<210> 1036
<211> 86
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1036
aagctatgag gaaaagaagt acacgatggg ggacgctcct gattatgaca gaagccagtg 60
gctgaatgaa aaattcaagc tgggcc 86

<210> 1037
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1037
ctgcaggcac tccctgaaat 20

<210> 1038
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1038
ccaagaaacc atggctgctt 20

<210> 1039
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1039
ctgaagctct actcacagtt tctggg 26

<210> 1040
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1040
ctgcaggcac tccctgaaat gctgaagctc tactcacagt ttctggggaa gcagccatgg 60

tttcttgg 68

<210> 1041
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1041
caagtaccac agcgatgact acattaa 27

<210> 1042
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1042
gcttgctgta ctccgacatg tt 22

<210> 1043
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1043
ttcttgcgct ccatccgtcc aga 23

<210> 1044
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1044
caagtaccac agcgatgact acattaaatt cttgcgctcc atccgtccag ataacatgtc 60
ggagtacagc aagc 74

<210> 1045
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1045
aaccaggcag tcaccttgag 20

<210> 1046
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1046
ctctgtcttc ctgcatcgc 19

<210> 1047
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1047
ccccctgaag ctcttcctct gctt 24

<210> 1048
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1048
aaccaggcag tcaccttgag gaagcagagg aagagcttca gggggaccag gcgatgcagg 60
aagacagag 69

<210> 1049
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1049
ctcaggtctg cccctacaat 20

<210> 1050
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1050
ttattggtgc tccgtggac 19

<210> 1051
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1051
ctgagcagct ctcaggatcg gctt 24

<210> 1052
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1052
ctcaggtctg cccctacaat ctctatgctg agcagctctc aggatcggct ttcacttgtc 60
cacggagcac caataa 76

<210> 1053

<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1053
ctcagagccc cacctgag 18

<210> 1054
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1054
gggtttccct gccatactg 19

<210> 1055
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1055
cgactcactg accgaggcct gtaa 24

<210> 1056
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1056
ctcagagccc cacctgagcc tgccgactca ctgaccgagg cctgtaagca gtatggcagg 60
gaaaccc 67

<210> 1057
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1057
ggatgaggaa aaggggat 19

<210> 1058
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1058
tccctagctg actttctccg 20

<210> 1059
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1059
ccattgctcc tggttctggg tttc 24

<210> 1060
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1060
ggatgaggaa aaggggatt ggaaacccag aaccaggagc aatggccgga gaaagtcagc 60
taggga 66

<210> 1061
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1061
tacgcacaga ggcaagca 18

<210> 1062
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1062
gagagaagtg ctggagaggc 20

<210> 1063
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1063
taagagtccg ggatccccag ccta 24

<210> 1064
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1064
tacgcacaga ggcaagcagc taagagtccg ggatccccag cctactgcct ctccagcact 60
tctctc 66

<210> 1065
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1065
ccatccccat catgggtatc 20

<210> 1066
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1066
ccgcagctcc agtgactaca 20

<210> 1067
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1067
ctgcaaggac aaccaggcca gcaa 24

<210> 1068
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1068
cctgcgcggc tactacaacc agagcgaggc cagttctcac accctccagt ggatgattgg 60
ctgcgacctg 70

<210> 1069
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1069
caccctgcag gtgtctgag 19

<210> 1070
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1070
ggtacctagg agcagaaggt ga 22

<210> 1071
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1071
taagtgatct gccctccagg tggc 24

<210> 1072
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1072
caccctgcag gtgtctgaga ctaagtgatc tgccctccag gtggcgatca ccttctgctc 60
ctaggtacc 69

<210> 1073
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1073
tcccagcatc tcaacaagg 19

<210> 1074
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1074
cgtaccaggt gtacagagcg 20

<210> 1075
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1075
cccctatgaa gacccagaag cgtg 24

<210> 1076
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1076
tcccagcatc tcaacaaggg cacccctatg aagacccaga agcgtgccgc tctgtacacc 60
tggtacg 67

<210> 1077
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1077
gcggaagctg tatgtgctc 19

<210> 1078
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1078
ttcggataag atgaccgtcc 20

<210> 1079
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1079
cagtcaccag cccaaagtgc actt 24

<210> 1080
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1080
gcggaagctg tatgtgctca agtacctgtt tgaagtgcac tttgggctgg tgactgtgga 60
cggtcatctt atccgaa 77

<210> 1081
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1081
ggacgaatac gaccccact 19

<210> 1082
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1082
gcacgtctcc ccatcaat 18

<210> 1083
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1083

accacctgct tccggtagga atcc 24

<210> 1084
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1084
ggacgaatac gaccccacta tagaggattc ctaccggaag caggtggtca ttgatgggga 60
gacgtgc 67

<210> 1085
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1085
ccagcgagtt cttgatgtga 20

<210> 1086
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1086
atctcaccag ccaccagg 18

<210> 1087
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1087
tcatgggcac cttcaatgtg atcc 24

<210> 1088
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1088
ccaccagaca agaccgattc gctggcctcc atttcttcaa cccagtgcct gtcatgaaac 60
ttgtgg 66

<210> 1089
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1089
gctttccaag tggggaatta 20

<210> 1090
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1090
tgcctgcgat atttgttagg 20

<210> 1091
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1091
agttgcttcc atccaacctg gagg 24

<210> 1092
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1092
gctttccaag tggggaatta aagttgcttc catccaacct ggaggcttcc taacaaatat 60
cgcaggca 68

<210> 1093
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1093
gggacgtcct ggaacagt 18

<210> 1094
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1094
tggagaatct cacgcacttc 20

<210> 1095
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1095
cttcatcctc acagggctgc tggt 24

<210> 1096

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

<220>
<223> Synthetic oligonucleotide

<400> 1096
gggacgtcct ggaacagttc ttcatcctca cagggctgct ggtgtgcctg gcctgcctgg 60
cgaagtgcgt gagattctcc a 81

<210> 1097
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1097
cgggaagctt cagagtacct t 21

<210> 1098
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1098
acctcaggcc caatatcctt 20

<210> 1099
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1099
aggcggcgtc ctatttcctc aaat 24

<210> 1100
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1100
cgggaagctt cagagtacct ttgtatttga ggaaatagga cgccgcctaa aggatattgg 60
gcctgaggt 69

<210> 1101
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1101
gccttccttt aaccctgatg 20

<210> 1102
<211> 22

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1102
ggagtaaatt gggctgagta gg 22

<210> 1103
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1103
acttccagca ggaagccaat ccag 24

<210> 1104
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1104
gccttccttt aaccctgatg tactggattg gcttcctgct ggaagtagtg agcttcctac 60
tcagcccaat ttactcc 77

<210> 1105
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1105
gcattgtgac cagcacctac 20

<210> 1106
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1106
gaagtgcctg ggctttcat 19

<210> 1107
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1107
atccgctcca tattggctgt ccag 24

<210> 1108
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1108
gcattgtgac cagcacctac ggctggacag ccaatatgga gcggatcatg aaagcccagg 60
cacttc 66

<210> 1109
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1109
ggctagtaga actggatccc aaca 24

<210> 1110
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1110
ggtctgccca aatgcttttc 20

<210> 1111
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1111
taattagacc taggcctcag ctgcactgcc 30

<210> 1112
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1112
ggctagtaga actggatccc aacaccaaac tcttaattag acctaggcct cagctgcact 60
gcccgaaaag catttgggca gacc 84

<210> 1113
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1113
cctccctctg gtggtgctt 19

<210> 1114
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1114
gctacatcta cacttggttg gcttaa 26

<210> 1115
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1115
ctcagggccc accattgaag aggttg 26

<210> 1116
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1116
cctccctctg gtggtgcttc ctcagggccc accattgaag aggttgatta agccaaccaa 60
gtgtagatgt agc 73

<210> 1117
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1117
ccgactggag gagcataaa 19

<210> 1118
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1118
atgctggctg actctgctc 19

<210> 1119
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1119
cgcacttttc tgagcagacg tcca 24

<210> 1120
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1120
ccgactggag gagcataaaa gcgcagccga gcccagcgcc ccgcactttt ctgagcagac 60
gtccagagca gagtcagcca gcat 84

<210> 1121
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1121
caccactcca gaggtagcag 20

<210> 1122
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1122
tgggaccaaa ccatacattg 20

<210> 1123
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1123
caccttccc ttcccccaag gat 23

<210> 1124
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1124
caccactcca gaggtagcag catccttggg ggaagggaaa ggtgcatggt ccacaatgta 60
tggtttggtc cca 73

<210> 1125
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1125
gcaagcaaca gtagtcgctg 20

<210> 1126
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1126
ccaactttca cgctaactgg t 21

<210> 1127
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1127
tctccaccct ttcctttaga acccg 25

<210> 1128
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1128
gcaagcaaca gtagtcgctg ttggatcggg ttctaaagga aagggtggag agattcaacc 60
agttagcgtg aaagttgg 78

<210> 1129
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1129
gagtacgtgt gccgagtgtt 20

<210> 1130
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1130
ctcaatggtg accaggaca 19

<210> 1131
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1131
cagctccgtg cctctagagg cct 23

<210> 1132
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1132
gagtacgtgt gccgagtgtt gggcagctcc gtgcctctag aggcctctgt cctggtcacc 60

attgag 66

<210> 1133
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1133
gcagacagtg accatctaca gctt 24

<210> 1134
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1134
cttctgagac ctctggcttc gt 22

<210> 1135
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1135
ccggcgccca acgtgattct 20

<210> 1136
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1136
gcagacagtg accatctaca gctttccggc gcccaacgtg attctgacga agccagaggt 60
ctcagaag 68

<210> 1137
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1137
gtacctggtg cgcgagag 18

<210> 1138
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1138
gcgtctccgc tgtagtgtt 19

<210> 1139
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1139
tcaagttgcc tcggaagtcc cagt 24

<210> 1140
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1140
gtacctggtg cgcgagagcg tatccccaac tgggacttcc gaggcaactt gaactcagaa 60
cactacagcg gagacgc 77

<210> 1141
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1141
atcccatgaa gcccagatac 20

<210> 1142
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1142
gcaccattct tagtggagca 20

<210> 1143
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1143
aaaattccac cccatgatca agaatcc 27

<210> 1144
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1144
atcccatgaa gcccagatac acaaaattcc accccatgat caagaatcct gctccactaa 60
gaatggtgc 69

<210> 1145

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

<220>
<223> Synthetic oligonucleotide

<400> 1145
tgacaaccaa gcaaatgtga 20

<210> 1146
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1146
cagtctgccc atgtggtaat 20

<210> 1147
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1147
aagttgcccc aggtcaccag actc 24

<210> 1148
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1148
tgacaaccaa gcaaatgtga ggagtctggt gacctggggc aactttgcct ggatgtatta 60
ccacatgggc agactg 76

<210> 1149
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1149
gctaaaacag ggaagcgaaa 20

<210> 1150
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1150
caaccattac tgggatgctc 20

<210> 1151
<211> 26
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1151
tcgacctcga aacagcatct gactcc 26

<210> 1152
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1152
gctaaaacag ggaagcgaaa aaggagtcag atgctgtttc gaggtcgaag agcatcccag 60
taatggttg 69

<210> 1153
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1153
tccggagctg tgatctaagg a 21

<210> 1154
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1154
cggacagagc gagctgactt 20

<210> 1155
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1155
tgtattgcgc acccctcaag cctg 24

<210> 1156
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1156
tccggagctg tgatctaagg aggctggaga tgtattgcgc acccctcaag cctgccaagt 60
cagctcgctc tgtccg 76

<210> 1157
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1157
gcatggtagc cgaagatttc a 21

<210> 1158
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1158
tttccggtaa tagtctgtct catagatatc 30

<210> 1159
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1159
cgcgtcatac caaaatctcc gattttga 28

<210> 1160
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1160
gcatggtagc cgaagatttc acagtcaaaa tcggagattt tggtatgacg cgagatatct 60
atgagacaga ctattaccgg aaa 83

<210> 1161
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1161
ccgtgcttcc ggacaactt 19

<210> 1162
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1162
tggactgctt ccaggtgtca 20

<210> 1163
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1163
taccccgtgg gcaagttctt ccaa 24

<210> 1164
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1164
ccgtgcttcc ggacaacttc cccagatacc ccgtgggcaa gttcttccaa tatgacacct 60
ggaagcagtc ca 72

<210> 1165
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1165
gtggacagca ccatgaaca 19

<210> 1166
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1166
ccttcatacc cgacttgagg 20

<210> 1167
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1167
cttccggcca gcactgcctc 20

<210> 1168
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1168
gtggacagca ccatgaacat gttgggcggg ggaggcagtg ctggccggaa gcccctcaag 60
tcgggtatga agg 73

<210> 1169
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1169
acatcccaac gcatgctc 18

<210> 1170
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1170
ccacgccctt gtttcaga 18

<210> 1171
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1171
acaccacaga aggctgtgag ctcc 24

<210> 1172
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1172
acatcccaac gcatgctcct ggagctcaca gccttctgtg gtgtcatttc tgaaacaagg 60
gcgtgg 66

<210> 1173
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1173
tggacaagta cgggatgaag ct 22

<210> 1174
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1174
cgaaggtgtg gcactgaaag t 21

<210> 1175
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1175

cccgtcaacg tactccatgc ctgg 24

<210> 1176
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1176
tggacaagta cgggatgaag ctgccaggca tggagtacgt tgacggggac tttcagtgcc 60
acaccttcg 69

<210> 1177
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1177
tgaaccgcag agaccaacag 20

<210> 1178
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1178
gtcttggaca cccgcagaat 20

<210> 1179
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1179
atccaggcac ctctaccacg ccctc 25

<210> 1180
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1180
tgaaccgcag agaccaacag aggaatccag gcacctctac cacgccctcc cagcccaatt 60
ctgcgggtgt ccaagac 77

<210> 1181
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1181
ctgaccacgc tttctagctg 20

<210> 1182
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1182
ccaagcccag agacaagata a 21

<210> 1183
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1183
ttgagctgtt ttccctgacc tccc 24

<210> 1184
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1184
ctgaccacgc tttctagctg ttgagctgtt ttccctgacc tccctctaat ttatcttgtc 60
tctgggcttg g 71

<210> 1185
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1185
tggaaggttc cacaagtcac 20

<210> 1186
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1186
tcttgacctt gcagctttgt 20

<210> 1187
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1187
cctgtgatca acagtacccg tatggg 26

<210> 1188

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

<220>
<223> Synthetic oligonucleotide

<400> 1188
tggaaggttc cacaagtcac cctgtgatca acagtacccg tatgggacaa agctgcaagg 60
tcaaga 66

<210> 1189
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1189
tcaagcaaca ctcctagggc 20

<210> 1190
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1190
cagctccttt ctgggttgtg 20

<210> 1191
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1191
tggcttctgt ctgatcaagg cacc 24

<210> 1192
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1192
tcaagcaaca ctcctagggc ctggcttctg tctgatcaag gcaccacaca acccagaaag 60
gagctg 66

<210> 1193
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1193
ggtccttggt agagggctac tt 22

<210> 1194
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1194
ggatggagct tcaggagaga 20

<210> 1195
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1195
tctccaccct ggccctgtta cagt 24

<210> 1196
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1196
ggtccttggt agagggctac tttactgtaa cagggccagg gtggagagtt ctctcctgaa 60
gctccatcc 69

<210> 1197
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1197
agctgaggaa gatgctggtt 20

<210> 1198
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1198
ggaaagaagg tgctcaggtc 20

<210> 1199
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1199
tgcccacaga ccttccagga gaat 24

<210> 1200
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1200
agctgaggaa gatgctggtt ccctgcccac agaccttcca ggagaatgac ctgagcacct 60
tctttcc 67

<210> 1201
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1201
acctcaactc ctgccacaat 20

<210> 1202
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1202
cactgtttgt gacaagtgca ag 22

<210> 1203
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1203
tgcaactcct gtcttgcatt gcac 24

<210> 1204
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1204
acctcaactc ctgccacaat gtacaggatg caactcctgt cttgcattgc actaagtctt 60
gcacttgtca caaacagtg 79

<210> 1205
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1205
cctgaacctt ccaaagatgg 20

<210> 1206
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1206
accaggcaag tctcctcatt 20

<210> 1207
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1207
ccagattgga agcatccatc tttttca 27

<210> 1208
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1208
cctgaacctt ccaaagatgg ctgaaaaaga tggatgcttc caatctggat tcaatgagga 60
gacttgcctg gt 72

<210> 1209
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1209
ccagcttatc tcaggggtgt 20

<210> 1210
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1210
ctggcgtaga accttccg 18

<210> 1211
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1211
cctttggctt cacggaagag cctt 24

<210> 1212
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1212
ccagcttatc tcaggggtgt gcggcctttg gcttcacgga agagccttgc ggaaggttct 60
acgccag 67

<210> 1213
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1213
ggcctaatgt tccagatcct 20

<210> 1214
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1214
aaaattgtgc cttggaggag 20

<210> 1215
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1215
catattgccc agtggtcacc tcaca 25

<210> 1216
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1216
ggcctaatgt tccagatcct tcaaagagtc atattgccca gtggtcacct cacactcctc 60
caaggcacaa tttt 74

<210> 1217
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1217
aaggaaccat ctcactgtgt gtaaac 26

<210> 1218
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1218
atcaggaagg ctgccaagag 20

<210> 1219
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1219
tgacttccaa gctggccgtg gc 22

<210> 1220
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1220
aaggaaccat ctcactgtgt gtaaacatga cttccaagct ggccgtggct ctcttggcag 60
ccttcctgat 70

<210> 1221
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1221
gacacgccaa gtggttcc 18

<210> 1222
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1222
ctcaagaccc ggatcacaa 19

<210> 1223
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1223
acacaagact tcagcccgtt ggct 24

<210> 1224
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1224
gacacgccaa gtggttccag gccagagcca acgggctgaa gtcttgtgtc attgtgatcc 60

gggtcttgag 70

<210> 1225
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1225
ctcaggattt tctcgcatcc 20

<210> 1226
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1226
aggagcaggt ggagactgg 19

<210> 1227
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1227
atgtgctccc agtgctaggt gcct 24

<210> 1228
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1228
ctcaggattt tctcgcatcc aaatgtgctc ccagtgctag gtgcctgcca gtctccacct 60
gctcct 66

<210> 1229
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1229
ctgcctatgc cagactcaga 20

<210> 1230
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1230
gcttttctgg cttcctcttc 20

<210> 1231
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1231
caactgcatg gctctgaaca gcct 24

<210> 1232
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1232
ctgcctatgc cagactcaga ggaatcgaac aggctgttca gagccatgca gttgctgaag 60
aggaagccag aaaagc 76

<210> 1233
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1233
cctacagcaa gtgcaaggaa 20

<210> 1234
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1234
catctcgtag gtctgcatgg 20

<210> 1235
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1235
ccagctgcac tttgtcgtca ctgt 24

<210> 1236
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1236
cctacagcaa gtgcaaggaa tacagtgacg acaaagtgca gctggccatg cagacctacg 60
agatg 65

<210> 1237

<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1237
gtgcccgagc catatagca 19

<210> 1238
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1238
cggtagtggt tgatgactgt tga 23

<210> 1239
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1239
acgtccgggt cctcactgtc cttcc 25

<210> 1240
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1240
gtgcccgagc catatagcag gcacgtccgg gtcctcactg tccttccact caacagtcat 60
caaccactac cg 72

<210> 1241
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1241
ctgtcatatt gccccatgc 19

<210> 1242
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1242
cagattccag cagccacc 18

<210> 1243
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1243
tgagaagaca ttcaccacca cccc 24

<210> 1244
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1244
ctgtcatatt gccccatgcc tgagaagaca ttcaccacca ccccaggagg gtggctgctg 60
gaatctg 67

<210> 1245
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1245
gcttcttctg gagatgtgct ct 22

<210> 1246
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1246
cctgtagata atgacctggc ct 22

<210> 1247
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1247
ttgctggaca gcctcggtac aatc 24

<210> 1248
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1248
gcttcttctg gagatgtgct ctatattgct ggacagcctc ggtacaatca tacaggccag 60
gtcattatct acagg 75

<210> 1249
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1249
ccatgatcct cactctgctg 20

<210> 1250
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1250
gaagctttgt agccggtgat 20

<210> 1251
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1251
cactccagac ctcgcttagc atgg 24

<210> 1252
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1252
ccatgatcct cactctgctg gtggactata cactccagac ctcgcttagc atggtaaatc 60
accggctaca aagcttc 77

<210> 1253
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1253
caacgcttca gtgatcaatc c 21

<210> 1254
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1254
gtctggccgg gattcttt 18

<210> 1255
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1255
cgatcctgca tctgtaaatc gccc 24

<210> 1256
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1256
caacgcttca gtgatcaatc ccggggcgat ttacagatgc aggatcggaa agaatcccgg 60
ccagac 66

<210> 1257
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1257
aggccagccc tacattatca 20

<210> 1258
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1258
gtcttctcca cagtccagca 20

<210> 1259
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1259
tctgagcctt gtcctctatc cggc 24

<210> 1260
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1260
aggccagccc tacattatca gagcaagagc cggatagagg acaaggctca gatcttgctg 60
gactgtggag aagac 75

<210> 1261
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1261
cagtgacaaa cagcccttcc 20

<210> 1262
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1262
gtttagcctc atgggcgtc 19

<210> 1263
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1263
tcgccatctt ttgtgggatt cctt 24

<210> 1264
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1264
cagtgacaaa cagcccttcc aacccaagga atcccacaaa agatggcgat gacgcccatg 60
aggctaaac 69

<210> 1265
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1265
gatatgattg gtcgctgctt tg 22

<210> 1266
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1266
agaacttcca ttccccacca t 21

<210> 1267
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1267

cagccaggac ctggccatcc g 21

<210> 1268
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1268
gatatgattg gtcgctgctt tgtgctcagc caggacctgg ccatccggga tgagttggat 60
ggtggggaat ggaagttct 79

<210> 1269
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1269
gagcctggtg gatcccat 18

<210> 1270
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1270
actgtcagga tgcccgtg 18

<210> 1271
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1271
caactgaaag gcctgacgtt cacg 24

<210> 1272
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1272
gagcctggtg gatcccatcg tccaactgaa aggcctgacg ttcacggcca cgggcatcct 60
gacagt 66

<210> 1273
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1273
accgggagcc ctacatgac 19

<210> 1274
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1274
ccttaagctc tttcactgac tcaatct 27

<210> 1275
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1275
aaatacctgc aaccgttact gccgtgac 28

<210> 1276
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1276
accggggagc cctacatgac gaaaatacct gcaaccgtta ctgccgtgac gagattgagt 60
cagtgaaaga gcttaagg 78

<210> 1277
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1277
caaggtgccc tcagtgga 18

<210> 1278
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1278
gcgcacacct tcatctcat 19

<210> 1279
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1279
caccaacctg tacccgtatt gcga 24

<210> 1280

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

<220>
<223> Synthetic oligonucleotide

<400> 1280
caaggtgccc tcagtggagc tcaccaacct gtacccgtat tgcgactatg agatgaaggt 60
gtgcgc 66

<210> 1281
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1281
tcgtgaaaga tgaccaggag 20

<210> 1282
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1282
ggtgaacatc atgacgcagt 20

<210> 1283
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1283
tgctatgttt ctacaaaacc gccaagg 27

<210> 1284
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1284
tcgtgaaaga tgaccaggag gctgtgctat gtttctacaa aaccgccaag gactgcgtca 60
tgatgttcac c 71

<210> 1285
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1285
gaggaggtgt gggtgttcc 19

<210> 1286
<211> 18

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1286
gtaatcccat gtccgcga 18

<210> 1287
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1287
ccatcctaac ggaacgagct ccct 24

<210> 1288
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1288
gaggaggtgt gggtgttccg cttccatcct aacggaacga gctccctctt cgcggacatg 60
ggattac 67

<210> 1289
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1289
ttgccatcgt gtcagtgc 18

<210> 1290
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1290
atggagctgg cgtcattg 18

<210> 1291
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1291
tccaggtctc ggatctcaga cacg 24

<210> 1292
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1292
ttgccatcgt gtcagtgccc gtgtctgaga tccgagacct ggactttgcc aatgacgcca 60
gctccat 67

<210> 1293
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1293
taactgggat gcatgggc 18

<210> 1294
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1294
ctctgcctta actggccg 18

<210> 1295
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1295
agccctctct caccgttcca agtg 24

<210> 1296
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1296
taactgggat gcatgggcag cccagccctc tctcaccgtt ccaagtgccg gccagttaag 60
gcagag 66

<210> 1297
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1297
tggcttacac tggcaatgg 19

<210> 1298
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1298
gcatagctgt gagatgcgg 19

<210> 1299
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1299
actcgatttc ccagccaacc acag 24

<210> 1300
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1300
tggcttacac tggcaatggt agtttctgtg gttggctggg aaatcgagtg ccgcatctca 60
cagctatgc 69

<210> 1301
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1301
gactgcaaag atggaaacga 20

<210> 1302
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1302
tagccataag gtccgctctc 20

<210> 1303
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1303
ctatgacgat gccctcaacg cctc 24

<210> 1304
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1304
gactgcaaag atggaaacga ccttctatga cgatgccctc aacgcctcgt tcctcccgtc 60
cgagagcgga ccttatggct a 81

<210> 1305
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1305
ctgtcagctg ctgcttgg 18

<210> 1306
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1306
aggggtgtc cgtaaagg 18

<210> 1307
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1307
caagggacac gccttctgaa cgt 23

<210> 1308
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1308
ctgtcagctg ctgcttgggg tcaagggaca cgccttctga acgtcccctg ccccttacg 60
gacacccccc 70

<210> 1309
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1309
tgtgctattc atcccatacc tg 22

<210> 1310
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1310
gggcatagga gaaggcaag 19

<210> 1311
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1311
ttatacattc acatggacgg cccg 24

<210> 1312
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1312
tgtgctattc atcccatacc tgggaattat acattcacat ggacggcccg gcttgccttc 60
tcctatgccc 70

<210> 1313
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1313
agcagttact ggcaagaggg 20

<210> 1314
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1314
tggagacctg agcagcct 18

<210> 1315
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1315
actcttaggc ggcagcgtcc tttc 24

<210> 1316
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1316
agcagttact ggcaagaggg agaaaggacg ctgccgccta agagtgcaag gctgctcagg 60

tctcca 66

<210> 1317
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1317
cgggcaagaa gagtggac 18

<210> 1318
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1318
ctgtagacgc cctttgctgt 20

<210> 1319
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1319
caagacacaa ggcaccttca gcga 24

<210> 1320
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1320
cgggcaagaa gagtggacta actcaagaca caaggcacct tcagcgagga cagcaaaggg 60
cgtctacag 69

<210> 1321
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1321
cagacaccag ctctgaggc 19

<210> 1322
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1322
aacattgtga ggcggacc 18

<210> 1323
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1323
tccccagtgt ccaggcacag agta 24

<210> 1324
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1324
cagacaccag ctctgaggcc agttaatcat ccccagtgtc caggcacaga gtagtcggtc 60
cgcctcacaa tgtt 74

<210> 1325
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1325
ccgtgggaca tggagtgt 18

<210> 1326
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1326
gaagcaagtc cgtctccaag 20

<210> 1327
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1327
tccgctagtg atcctttgca ccct 24

<210> 1328
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1328
ccgtgggaca tggagtgttc cttccgctag tgatcctttg caccctgctt ggagacggac 60
ttgcttc 67

<210> 1329

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

<220>
<223> Synthetic oligonucleotide

<400> 1329
agagctggtc tcctccaaaa 20

<210> 1330
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1330
gctggtcttg ctctgtttca 20

<210> 1331
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1331
caggtcagca aacttgaaag cagcc 25

<210> 1332
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1332
agagctggtc tcctccaaaa tacaggtcag caaacttgaa agcagcctga aacagagcaa 60
gaccagc 67

<210> 1333
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1333
gaggcaactg cttatggctt aatta 25

<210> 1334
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1334
ggcactcggc ttgagcat 18

<210> 1335
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1335
ttacagcgac agtcatggcc gcat 24

<210> 1336
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1336
gaggcaactg cttatggctt aattaagtca gatgcggcca tgactgtcgc tgtaaagatg 60
ctcaagccga gtgcc 75

<210> 1337
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1337
agtggctacg ggatgaactg 20

<210> 1338
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1338
tgagccacag actgctcact 20

<210> 1339
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1339
caacacgcag cagaaactgc agaa 24

<210> 1340
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1340
agtggctacg ggatgaactg gccaacacgc agcagaaact gcagaagagt gagcagtctg 60
tggctca 67

<210> 1341
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1341
cacgagaccg gctacttctc 20

<210> 1342
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1342
gctctaggca ggtctgttgc 20

<210> 1343
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1343
agtactcctc cagagacggc agcg 24

<210> 1344
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1344
cacgagaccg gctacttctc ggcgctgccg tctctggagg agtactggca acagacctgc 60
ctagagc 67

<210> 1345
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1345
aacacagccc agtttgttca 20

<210> 1346
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1346
ccaggaggct catgttgaag 20

<210> 1347
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1347
tcagtgagag cttcccacac cctg 24

<210> 1348
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1348
aacacagccc agtttgttca tgtcagtgag agcttcccac accctggctt caacatgagc 60
ctcctgg 67

<210> 1349
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1349
gcccagaggc tccatcgt 18

<210> 1350
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1350
cagaggtttg aacagtgcag aca 23

<210> 1351
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1351
cctcttcctc cccagtcggc tga 23

<210> 1352
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1352
gcccagaggc tccatcgtcc atcctcttcc tccccagtcg gctgaactct ccccttgtct 60
gcactgttca aacctctg 78

<210> 1353
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1353
caccccggct tcaacaac 18

<210> 1354
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1354
catcttcacc agcatgatgt ca 22

<210> 1355
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1355
cctccccaac aaagaccacc gca 23

<210> 1356
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1356
caccccggct tcaacaacag cctccccaac aaagaccacc gcaatgacat catgctggtg 60
aagatg 66

<210> 1357
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1357
cccctaaaat gttcctcctg 20

<210> 1358
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1358
ctcatcctct tggctctgtg 20

<210> 1359
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1359

cagcacttca agtcctggct atagcca 27

<210> 1360
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1360
cccctaaaat gttcctcctg ctgacagcac ttcaagtcct ggctatagcc atgacacaga 60
gccaagagga tgag 74

<210> 1361
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1361
agtctcggat tgtgggagg 19

<210> 1362
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1362
tgtacacagc cacctgcc 18

<210> 1363
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1363
ttgggaatgc ttctcacact ccca 24

<210> 1364
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1364
agtctcggat tgtgggaggc tgggagtgtg agaagcattc ccaaccctgg caggtggctg 60
tgtaca 66

<210> 1365
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1365
ccaagcttac cacctgcac 19

<210> 1366
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1366
agggtgagga agacaaccg 19

<210> 1367
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1367
acccacatgg tgacacagct ctcc 24

<210> 1368
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1368
ccaagcttac cacctgcacc cggagagctg tgtcaccatg tgggtcccgg ttgtcttcct 60
caccct 66

<210> 1369
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1369
tgagagccag gcttcttgta 20

<210> 1370
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1370
atcctggtcc tctttgctgt 20

<210> 1371
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1371
tgtctcaaaa tgccagcctt ctgaa 25

<210> 1372

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

<220>
<223> Synthetic oligonucleotide

<400> 1372
tgagagccag gcttcttgta tgtctcaaaa tgccagcctt ctgaaagtat acagcaaaga 60
ggaccaggat 70

<210> 1373
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1373
tgatggtcca aatgaacgaa 20

<210> 1374
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1374
aagcttcaca agttggggc 19

<210> 1375
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1375
actcctgttt tcaccaccat gcca 24

<210> 1376
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1376
tgatggtcca aatgaacgaa ttggcatggt ggtgaaaaca ggagttgtgc cccaacttgt 60
gaagctt 67

<210> 1377
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1377
tggacaacaa ccgcagtc 18

<210> 1378
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1378
tatcctcgta ctgggccttg 20

<210> 1379
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1379
cctcagcaat gatgctgtcc aggt 24

<210> 1380
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1380
tggacaacaa ccgcagtctc gacctggaca gcatcattgc tgaggtcaag gcccagtacg 60
aggata 66

<210> 1381
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1381
gcctggttct tcagcaagac 20

<210> 1382
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1382
cttgctggtc tggatcattt c 21

<210> 1383
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1383
tgaacaaaga ggtggcctcc aaca 24

<210> 1384
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1384
gcctggttct tcagcaagac tgaggagctg aacaaagagg tggcctccaa cacagaaatg 60
atccagacca gcaag 75

<210> 1385
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1385
agagatcgag gctctcaagg 20

<210> 1386
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1386
ggcctttac ttcctcttcg 20

<210> 1387
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1387
tggttcttct tcatgaagag cagctcc 27

<210> 1388
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1388
agagatcgag gctctcaagg aggagctgct cttcatgaag aagaaccacg aagaggaagt 60
aaaaggcc 68

<210> 1389
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1389
ccagtgacgc ctctgtgtt 19

<210> 1390
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1390
gggcatggct agaagcac 18

<210> 1391
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1391
acctagacag cacagattcc gccc 24

<210> 1392
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1392
ccagtgacgc ctctgtgttc tggggcggaa tctgtgctgt ctaggtttgt gcttctagcc 60
atgccc 66

<210> 1393
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1393
tcagtggaga aggagttgga 20

<210> 1394
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1394
tgccatatcc agaggaaaca 20

<210> 1395
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1395
ccagtcaaca tctctgttgt cacaagca 28

<210> 1396
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1396
tcagtggaga aggagttgga ccagtcaaca tctctgttgt cacaagcagt gtttcctctg 60
gatatggca 69

<210> 1397
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1397
tcaaagtcag gtacgaagat gaaatt 26

<210> 1398
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1398
acgtcctttt tcagggctac aa 22

<210> 1399
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1399
ttcattctca gcagctgtgc gcttgt 26

<210> 1400
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1400
tcaaagtcag gtacgaagat gaaattaaca agcgcacagc tgctgagaat gaatttgtag 60
ccctgaaaaa ggacgt 76

<210> 1401
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1401
atctccagac tgctggttcc 20

<210> 1402
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1402
tcagggaatt aggggacaga 20

<210> 1403
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1403
tctgggcttc agatcctgac tccc 24

<210> 1404
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1404
atctccagac tgctggttcc cagggaaccc tccctacatc tgggcttcag atcctgactc 60
ccttctgtcc cctaattccc tga 83

<210> 1405
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1405
ggatgaagct tacatgaaca aggtaga 27

<210> 1406
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1406
catatagctg cctgaggaag ttgat 25

<210> 1407
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1407
cgtcggtcag cccttccagg c 21

<210> 1408
<211> 86
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1408
ggatgaagct tacatgaaca aggtagagct ggagtctcgc ctggaagggc tgaccgacga 60

gatcaacttc ctcaggcagc tatatg 86

<210> 1409
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1409
cttgctggcc aatgccta 18

<210> 1410
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1410
tgattgtccg cagtcagg 18

<210> 1411
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1411
atctacgttg tccagctgcc agcc 24

<210> 1412
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1412
cttgctggcc aatgcctaca tctacgttgt ccagctgcca gccaagatcc tgactgcgga 60
caatca 66

<210> 1413
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1413
gccttagagc aagggattca 20

<210> 1414
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1414
cggttcttgc tccagctc 18

<210> 1415
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1415
tctatcttgc tctgagcctg cgga 24

<210> 1416
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1416
gccttagagc aagggattca ccctccgcag gctcagagca agatagagga gctggagcaa 60
gaaccg 66

<210> 1417
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1417
cctgtcactg aagccttgg 19

<210> 1418
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1418
tgggttactg gtcaggacaa c 21

<210> 1419
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1419
attcagactg acaggcccct ggac 24

<210> 1420
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1420
cctgtcactg aagccttgga agtccagggg cctgtcagtc tgaatggttg tcctgaccag 60
taaccca 67

<210> 1421

<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1421
gatgcactgc ggttagcag 19

<210> 1422
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1422
cagaggatac gctcagcacc 20

<210> 1423
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1423
ctctccatcg aggaaggcaa atcc 24

<210> 1424
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1424
gatgcactgc ggttagcagc gctctccatc gaggaaggca aatccggggt gctgagcgta 60
tcctctg 67

<210> 1425
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1425
ctcctggcca acagcact 18

<210> 1426
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1426
acacaaggcc cagcctct 18

<210> 1427
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1427
ctgttcctgg agcatggcct cttc 24

<210> 1428
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1428
ctcctggcca acagcactgc actagaagag gccatgctcc aggaacagca gaggctgggc 60
cttgtgt 67

<210> 1429
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1429
caaggagact gggaggtgtc 20

<210> 1430
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1430
cggcagaact gacagtgttc 20

<210> 1431
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1431
caagtgcctg taccacacgg aagg 24

<210> 1432
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1432
caaggagact gggaggtgtc tcaagtgcct gtaccacacg gaaggggaac actgtcagtt 60
ctgccg 66

<210> 1433
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1433
actgaccaag cctgagacct 20

<210> 1434
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1434
gtcacacttg cagcatttca 20

<210> 1435
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1435
ccactcgcca tactgggtgc agt 23

<210> 1436
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1436
actgaccaag cctgagacct actgcaccca gtatggcgag tggcagatga aatgctgcaa 60
gtgtgac 67

<210> 1437
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1437
gccgtgatct cagacagcta c 21

<210> 1438
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1438
acctgcttgc ccaagaact 19

<210> 1439
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1439
cctcggtact tcattgctcc tgca 24

<210> 1440
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1440
gccgtgatct cagacagcta ctttcctcgg tacttcattg ctcctgcaaa gttcttgggc 60
aagcaggt 68

<210> 1441
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1441
actcaagcgg aaattgaagc a 21

<210> 1442
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1442
actccctgaa gccgagacac t 21

<210> 1443
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1443
aggtcttatc agcacagtct ccgcctcc 28

<210> 1444
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1444
actcaagcgg aaattgaagc agataggtct tatcagcaca gtctccgcct cctggattca 60
gtgtctcggc ttcagggagt 80

<210> 1445
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1445
tgctggactt ctgcctgag 19

<210> 1446
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1446
tgagataggt gggcacttcc 20

<210> 1447
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1447
tcctgaccct ctgcagctcc taca 24

<210> 1448
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1448
tgctggactt ctgcctgagc atcctgaccc tctgcagctc ctacatggaa gtgcccacct 60
atctca 66

<210> 1449
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1449
agcggaaaat ggcagacaat 20

<210> 1450
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1450
cttgagggtt tgggtttcca 20

<210> 1451
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1451

acccagataa cgcatcatgg agcga 25

<210> 1452
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1452
agcggaaaat ggcagacaat ttttcgctcc atgatgcgtt atctgggtct ggaaacccaa 60
accctcaag 69

<210> 1453
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1453
ggaggtggag aaggagcc 18

<210> 1454
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1454
acaggtgtca tcagcgagg 19

<210> 1455
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1455
ctggacgctc agagctcgtc tctg 24

<210> 1456
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1456
ggaggtggag aaggagccgg gccagagacg agctctgagc gtccaggcct cgctgatgac 60
acctgt 66

<210> 1457
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1457
tgaacagtaa tggggagctg 20

<210> 1458
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1458
ttctgggaac tgctggaag 19

<210> 1459
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1459
actgagcgca cacgaaacac tgct 24

<210> 1460
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1460
tgaacagtaa tggggagctg taccatgagc agtgtttcgt gtgcgctcag tgcttccagc 60
agttcccaga a 71

<210> 1461
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1461
ccaatgggag aacaacgg 18

<210> 1462
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1462
cgctgaggct ggtactgtg 19

<210> 1463
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1463
caggctcagc aagctgaaca cctg 24

<210> 1464

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

<220>
<223> Synthetic oligonucleotide

<400> 1464
ccaatgggag aacaacgggc aggtgttcag cttgctgagc ctgggctcac agtaccagcc 60
tcagcg 66

<210> 1465
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1465
tttggcccaa tgggctaag 19

<210> 1466
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1466
gtctcgatgc ggtcgtagaa g 21

<210> 1467
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1467
tcccggctgg gcgcctctac t 21

<210> 1468
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1468
tttggcccaa tgggctaagc ctggacatcc cggctgggcg cctctactgg gtggatgcct 60
tctacgaccg catcgagac 79

<210> 1469
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1469
gcacacccat ccttgagtct 20

<210> 1470
<211> 18

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1470
gatggctggc cacgtagt 18

<210> 1471
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1471
ctttgcagcc ctcagaactc cagc 24

<210> 1472
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1472
gcacacccat ccttgagtct cctttgcagc cctcagaact ccagccccac tacgtggcca 60
gccatc 66

<210> 1473
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1473
ggctcttttg aaggattggt aa 22

<210> 1474
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1474
aaaagcagct gaaacagcat c 21

<210> 1475
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1475
cctgaccttc atccatctcc agca 24

<210> 1476
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1476
ggctcttttg aaggattggt aaacctgacc ttcatccatc tccagcacaa tcggctgaaa 60
gaggatgctg tttcagctgc tttt 84

<210> 1477
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1477
gcatctaaca gccctgtgc 19

<210> 1478
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1478
cagagtgaag aatgggcctc 20

<210> 1479
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1479
cagcttccct tgcctcgtgt aaca 24

<210> 1480
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1480
gcatctaaca gccctgtgca gcagcttccc ttgcctcgtg taacatgagg cccattcttc 60
actctg 66

<210> 1481
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1481
cagatgtgaa gcctggagc 19

<210> 1482
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1482
aagggaatcc cctcatgg 18

<210> 1483
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1483
ttcctgatga tgctggccct acag 24

<210> 1484
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1484
cagatgtgaa gcctggagct ttcctgatga tgctggccct acagtacccc catgagggga 60
ttccctt 67

<210> 1485
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1485
gtgtcagcca aagcatgga 19

<210> 1486
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1486
cgactacgtc gaacatgtgg 20

<210> 1487
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1487
ccgcgatact cgccttctct tgat 24

<210> 1488
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1488
gtgtcagcca aagcatggag aatcaagaga aggcgagtat cgcgggccac atgttcgacg 60
tagtcg 66

<210> 1489
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1489
aggaccaaga ggctacgga 19

<210> 1490
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1490
cctgtggcca tttcaatgat 20

<210> 1491
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1491
cagcccagag accagatgtc tgct 24

<210> 1492
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1492
aggaccaaga ggctacggaa aagcagcaga catctggtct ctgggctgta caatcattga 60
aatggccaca gg 72

<210> 1493
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1493
caggcaagaa ctagttgcag aa 22

<210> 1494
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1494
cctgtaccag gcgagatgta t 21

<210> 1495
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1495
tgctggtcct tttcatcctg gtcc 24

<210> 1496
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1496
caggcaagaa ctagttgcag aactggacca ggatgaaaag gaccagcaaa atacatctcg 60
cctggtacag g 71

<210> 1497
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1497
tcgccgagat ttcctgag 18

<210> 1498
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1498
ctgttgtctc cgaagagcct 20

<210> 1499
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1499
aacgttcctt gttctcctgc tgca 24

<210> 1500
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1500
tcgccgagat ttcctgagac tgcagcagga gaacaaggaa cgttccgagg ctcttcggag 60

acaacag 67

<210> 1501
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1501
gaggaacaga ggtgtctgca c 21

<210> 1502
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1502
ctgccaactg gctttcca 18

<210> 1503
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1503
catgtacaac aaacgctccg ggaa 24

<210> 1504
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1504
gaggaacaga ggtgtctgca cttccatgta caacaaacgc tccgggaaat ggaaagccag 60
ttggcag 67

<210> 1505
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1505
aagctgcaga gataatgcgg 20

<210> 1506
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1506
gtgggcaatg ttatggctg 19

<210> 1507
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1507
attggcactg ccatccagtt tctg 24

<210> 1508
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1508
aagctgcaga gataatgcgg gatattggca ctgccatcca gtttctgcac agccataaca 60
ttgcccac 68

<210> 1509
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1509
gacttttgcc cgctaccttt c 21

<210> 1510
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1510
gccactaact gcttcagtat gaagag 26

<210> 1511
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1511
acagctcatt gttgtcacgc cgga 24

<210> 1512
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1512
gacttttgcc cgctaccttt cattccggcg tgacaacaat gagctgttgc tcttcatact 60
gaagcagtta gtggc 75

<210> 1513

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

<220>
<223> Synthetic oligonucleotide

<400> 1513
ggagaacaat ccccttgaga 20

<210> 1514
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1514
atctcctgga tggtgatggt 20

<210> 1515
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1515
tggcctttct gtctacaagg atcacca 27

<210> 1516
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1516
ggagaacaat ccccttgaga cagaatatgg cctttctgtc tacaaggatc accagaccat 60
caccatccag gagat 75

<210> 1517
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1517
tgatggtcct atgtgtcaca ttca 24

<210> 1518
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1518
tgggacagga aacacaccaa 20

<210> 1519
<211> 30
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1519
caggtttcat accaacacag gcttcagcac 30

<210> 1520
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1520
tgatggtcct atgtgtcaca ttcatcacag gtttcatacc aacacaggct tcagcacttc 60
ctttggtgtg tttcctgtcc ca 82

<210> 1521
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1521
ggagccgact gcaagtaca 19

<210> 1522
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1522
gactttggtg cctgtgcc 18

<210> 1523
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1523
atcacacgca ccccagttct caaa 24

<210> 1524
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1524
ggagccgact gcaagtacaa gtttgagaac tggggtgcgt gtgatggggg cacaggcacc 60
aaagtc 66

<210> 1525
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1525
ctacagggac gccatcgaa 19

<210> 1526
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1526
atccaaccaa tcacctgaat gtt 23

<210> 1527
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1527
cttacaccag catcaagatc cgg 23

<210> 1528
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1528
ctacagggac gccatcgaat ccggatcttg atgctggtgt aagtgaacat tcaggtgatt 60
ggttggat 68

<210> 1529
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1529
aggatcgcct gtcagaagag 20

<210> 1530
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1530
tgcacataag caacagcaga 20

<210> 1531
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1531
cccgggttgt cttccgtcag atag 24

<210> 1532
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1532
aggatcgcct gtcagaagag gagacccggg ttgtcttccg tcagatagta tctgctgttg 60
cttatgtgca 70

<210> 1533
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1533
gacatttcca gtcctgcagt ca 22

<210> 1534
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1534
ctccgatcgc acacatttgt 20

<210> 1535
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1535
tgcctctctg ccccaccctt tgt 23

<210> 1536
<211> 86
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1536
gacatttcca gtcctgcagt caatgcctct ctgccccacc ctttgttcag tgtggctggt 60
gccacgacaa atgtgtgcga tcggag 86

<210> 1537
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1537
gtgaaatgaa acgcaccaca 20

<210> 1538
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1538
gaccctgctc acaaccagac 20

<210> 1539
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1539
cagcccttg gggaagctgg 20

<210> 1540
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1540
gtgaaatgaa acgcaccaca ctggacagcc ctttggggaa gctggagctg tctggttgtg 60
agcagggtc 69

<210> 1541
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1541
acggatctac cacaccattg c 21

<210> 1542
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1542
tccatatcca acaaaaaaac tcaaag 26

<210> 1543
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1543

tttgacaccc cttccccagc ca 22

<210> 1544
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1544
acggatctac cacaccattg catatttgac acccttcccc cagccaaata gagctttgag 60
ttttttgtt ggatatgga 79

<210> 1545
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1545
atggtgaatg tcacccgc 18

<210> 1546
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1546
aagccagaag ccctgcat 18

<210> 1547
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1547
cgaggcctca gagggcaaca ttac 24

<210> 1548
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1548
atggtgaatg tcacccgcag cgaggcctca gagggcaaca ttaccgtgac atgcagggct 60
tctggctt 68

<210> 1549
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1549
gattgcacca gggcagaa 18

<210> 1550
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1550
tccaaagtgc ctctgctaag a 21

<210> 1551
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1551
ccactcttcc ttgaacaccc tccc 24

<210> 1552
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1552
gattgcacca gggcagaaca ggggagggtg ttcaaggaag agtggctctt agcagaggca 60
ctttgga 67

<210> 1553
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1553
tgcttagctg gcatgtgg 18

<210> 1554
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1554
cagcctactc tccatgggc 19

<210> 1555
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1555
catgagatgc caggagaccc ttcc 24

<210> 1556

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

<220>
<223> Synthetic oligonucleotide

<400> 1556
tgcttagctg gcatgtggcc gcatgagatg ccaggagacc cttccctgcc catggagagt 60
aggctg 66

<210> 1557
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1557
cctggaggct gcaacatacc 20

<210> 1558
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1558
tacaatggct ttggaggata gca 23

<210> 1559
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1559
atcctcctga agccctttc gcagc 25

<210> 1560
<211> 90
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1560
cctggaggct gcaacatacc tcaatcctgt cccaggccgg atcctcctga agccctttc 60
gcagcactgc tatcctccaa agccattgta 90

<210> 1561
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1561
cagccagaag cggaaactta 20

<210> 1562
<211> 19

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1562
agacaccatc acctgtgcc 19

<210> 1563
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1563
aagtccgaat ctctgctccc tgca 24

<210> 1564
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1564
cagccagaag cggaaactta aaaagtccga atctctgctc cctgcagggc acaggtgatg 60
gtgtct 66

<210> 1565
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1565
ggatggtagc agtctaggga ttaact 26

<210> 1566
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1566
ggaatgtccc atacccaaag aa 22

<210> 1567
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1567
cctgtatgct gcaactcatg aacttggc 28

<210> 1568
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1568
ggatggtagc agtctaggga ttaacttcct gtatgctgca actcatgaac ttggccattc 60
tttgggtatg ggacattcc 79

<210> 1569
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1569
gagaaccaat ctcaccgaca 20

<210> 1570
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1570
cacccgagtg taaccatagc 20

<210> 1571
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1571
acaggtattc ctctgccagc tgcc 24

<210> 1572
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1572
gagaaccaat ctcaccgaca ggcagctggc agaggaatac ctgtaccgct atggttacac 60
tcgggtg 67

<210> 1573
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1573
ccgaccaacc ctccaatta 19

<210> 1574
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1574
agggcattta gagcttcagg a 21

<210> 1575
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1575
atttgacctt ccaaacccac aggg 24

<210> 1576
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1576
ccgaccaacc ctccaattat atttgacctt ccaaacccac agggttcctg aagctctaaa 60
tgccct 66

<210> 1577
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1577
cttgacctca ggactctgga tt 22

<210> 1578
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1578
ggactgcggt cactccac 18

<210> 1579
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1579
ccaaccgctg ttgaagctca gact 24

<210> 1580
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1580
cttgacctca ggactctgga ttggacttaa cagtctgagc ttcaacagcg gttggcagtg 60
gagtgaccgc agtcc 75

<210> 1581
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1581
tccggttccc ttcgtttag 19

<210> 1582
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1582
gtggaaaaac tgcggaaaac 20

<210> 1583
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1583
cggctggaaa ttatgtcctc cgtc 24

<210> 1584
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1584
tccggttccc ttcgtttagg tcggctggaa attatgtcct ccgtcggttt tccgcagttt 60
ttccac 66

<210> 1585
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1585
gatgcagaat tgaggcagac 20

<210> 1586
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1586
tcttggcaag tcggttaaga 20

<210> 1587
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1587
caagaagatt tacttcgtcg attcccaga 29

<210> 1588
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1588
gatgcagaat tgaggcagac tttacaagaa gatttacttc gtcgattccc agatcttaac 60
cgacttgcca aga 73

<210> 1589
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1589
tgattaccat catggctcag a 21

<210> 1590
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1590
cttgtgaaaa tgccatccac 20

<210> 1591
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1591
tcccaattgt cgcttcttct gcag 24

<210> 1592
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1592
tgattaccat catggctcag attggctcct atgttcctgc agaagaagcg acaattggga 60

ttgtggatgg cattttcaca ag 82

<210> 1593
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1593
tctattgggg gattggtagg 20

<210> 1594
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1594
caaattgcga gtggtgaaat 20

<210> 1595
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1595
ccgttaccag ctggaaattc ctgaga 26

<210> 1596
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1596
tctattgggg gattggtagg aaccgttacc agctggaaat tcctgagaat ttcaccactc 60
gcaatttg 68

<210> 1597
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1597
ccgccctcac ctgaagaga 19

<210> 1598
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1598
ggaataagtt agccgcgctt ct 22

<210> 1599
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1599
cccagtgtcc gccaaggagc g 21

<210> 1600
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1600
ccgccctcac ctgcagagaa acgcgctcct tggcggacac tgggggagga gaggaagaag 60
cgcggctaac ttattcc 77

<210> 1601
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1601
ggtggaagga aacctcttca 20

<210> 1602
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1602
cagcagcaga aattccagg 19

<210> 1603
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1603
aagctgccca caatctgctg cata 24

<210> 1604
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1604
ggtggaagga aacctcttca ttatgcagca gattgtgggc agcttgaaat cctggaattt 60
ctgctgctg 69

<210> 1605

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

<220>
<223> Synthetic oligonucleotide

<400> 1605
ttcgacaagt cctccaccat 20

<210> 1606
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1606
cttggaacat ccgtcggtag 20

<210> 1607
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1607
ccaagaaaca gcgacatcag ccag 24

<210> 1608
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1608
ttcgacaagt cctccaccat tccaagaaac agcgacatca gccagtccta ccgacggatg 60
ttccaag 67

<210> 1609
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1609
ggccaggatc tgtggtggta 20

<210> 1610
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1610
ctccacgtcg tggacattga 20

<210> 1611
<211> 23
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1611
ctctggcctt ccgagaaggt acc 23

<210> 1612
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1612
ggccaggatc tgtggtggta caattgactc tggccttccg agaaggtacc atcaatgtcc 60
acgacgtgga g 71

<210> 1613
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1613
acgagaacga gggcatctat gt 22

<210> 1614
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1614
gcatgtaggt gcttccaatc ac 22

<210> 1615
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1615
cgcacctttc cggtcttgac atcct 25

<210> 1616
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1616
acgagaacga gggcatctat gtgcaggatg tcaagaccgg aaaggtgcgc gctgtgattg 60
gaagcaccta catgc 75

<210> 1617
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1617
gccgagatcg ccaagatg 18

<210> 1618
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1618
cttttgatgg tagagttcca gtgattc 27

<210> 1619
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1619
cagcattgtc tgtcctccct ggca 24

<210> 1620
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1620
gccgagatcg ccaagatgtt gccagggagg acagacaatg ctgtgaagaa tcactggaac 60
tctaccatca aaag 74

<210> 1621
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1621
cagcaaccag ggagtctgta 20

<210> 1622
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1622
cagcagtaag tgcctccatc 20

<210> 1623
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1623
aaattcgcaa gcccagcccc tat 23

<210> 1624
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1624
cagcaaccag ggagtctgta ccctggaaat tcgcaagccc agcccctatg atggaggcac 60
ttactgctg 69

<210> 1625
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1625
tccctccact cggaaggact a 21

<210> 1626
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1626
cggttgttgc tgatctgtct ca 22

<210> 1627
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1627
tctgacactg tccaacttga ccctctt 27

<210> 1628
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1628
tccctccact cggaaggact atcctgctgc caagagggtc aagttggaca gtgtcagagt 60
cctgagacag atcagcaaca accg 84

<210> 1629
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1629
cacctgactg agctggatgt 20

<210> 1630
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1630
gatgtagtgc tggtgcaggt 20

<210> 1631
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1631
cacaccctca cagatctgcc tggt 24

<210> 1632
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1632
cacctgactg agctggatgt ggtcctgttc accaggcaga tctgtgaggg tgtgcattac 60
ctgcaccagc actacatc 78

<210> 1633
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1633
aagcagttct ggagcaggag 20

<210> 1634
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1634
gatgagctcg gcttcactct 20

<210> 1635
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1635

caatcctcag ggccagctcc c 21

<210> 1636
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1636
aagcagttct ggagcaggag cgcagggacc gggagctggc cctgaggatt gcccagagtg 60
aagccgagct catc 74

<210> 1637
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1637
tagttcccag ctgaccatca 20

<210> 1638
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1638
cagccttgtt ctcagcaatg 20

<210> 1639
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1639
ctcagcctcg tcgttcttat ccacc 25

<210> 1640
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1640
tagttcccag ctgaccatca aaaaggtgga taagaacgac gaggctgagt acatctgcat 60
tgctgagaac aaggctg 77

<210> 1641
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1641
tcgttgctta gacaaggcg 19

<210> 1642
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1642
ctccagacag tgtgcaaagc 20

<210> 1643
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1643
ctactgtccg cagcaaggca ctgt 24

<210> 1644
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1644
tcgttgctta gacaaggcgc ctactgtccg cagcaaggca ctgtccagct ttgcacactg 60
tctggag 67

<210> 1645
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1645
aaccgttaca gcccagaatc 20

<210> 1646
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1646
tctggagaga cccttgaacc 20

<210> 1647
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1647
ccaggctcag tctgtccatc atca 24

<210> 1648

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

<220>
<223> Synthetic oligonucleotide

<400> 1648
aaccgttaca gcccagaatc ccaggctcag tctgtccatc atcaaagacc aggttcaagg 60
gtctctccag a 71

<210> 1649
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1649
cgtcatctac gaaggcaaga 20

<210> 1650
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1650
gagcactggg tcacagacat 20

<210> 1651
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1651
cctcatagga caagacgtgg ccct 24

<210> 1652
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1652
cgtcatctac gaaggcaaga agggccacgt cttgtcctat gagggtggca tgtctgtgac 60
ccagtgctc 69

<210> 1653
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1653
agggcaacat tccacagc 18

<210> 1654
<211> 18

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1654
cagtgctcct actccggc 18

<210> 1655
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1655
ctgcaaggac actcatcaca gcca 24

<210> 1656
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1656
agggcaacat tccacagctg ccctggctgt gatgagtgtc cttgcagggg ccggagtagg 60
agcactg 67

<210> 1657
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1657
agaagagtca agggcacgag 20

<210> 1658
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1658
aggccgaacc ttttctgg 18

<210> 1659
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1659
tgtccaagaa aggcatggct accc 24

<210> 1660
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1660
agaagagtca agggcacgag catcgggtag ccatgccttt cttggacatc cagaaaaggt 60
tcggcct 67

<210> 1661
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1661
gtgaggcagc gcgactct 18

<210> 1662
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1662
tgccaatggt gtacaacact tca 23

<210> 1663
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1663
tgccttcccg ggctgaggac t 21

<210> 1664
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1664
gtgaggcagc gcgactctgg cgactggccg gccatgcctt cccgggctga ggactatgaa 60
gtgttgtaca ccattggca 79

<210> 1665
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1665
ccagggcacc atactgtttc 20

<210> 1666
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1666
aacggtaaat caaggtcttc gt 22

<210> 1667
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1667
agccaaccct tttctcccat caca 24

<210> 1668
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1668
ccagggcacc atactgtttc agcagccaa ccctttctc ccatcacaac tacgaagacc 60
ttgatttacc gtt 73

<210> 1669
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1669
aggaggagga agaaggtagc a 21

<210> 1670
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1670
gagctcctga tctggtttgc 20

<210> 1671
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1671
tcatcttcag cagtggagcc attca 25

<210> 1672
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1672
aggaggagga agaaggtagc atcatgaatg gctccactgc tgaagatgaa gagcaaacca 60
gatcaggagc tc 72

<210> 1673
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1673
ctgaacccct ctcctggtc 19

<210> 1674
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1674
aggaaacgat ggcgaggt 18

<210> 1675
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1675
cgagaatcag tccccgtgga gttc 24

<210> 1676
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1676
ctgaacccct ctcctggtca ccgagaatca gtccccgtgg agttcccct ccacctcgcc 60
atcgtttcct 70

<210> 1677
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1677
cagtcaaggt cagaggctga g 21

<210> 1678
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1678
ctttggctcg tggcattc 18

<210> 1679
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1679
cgggttccta ccccacagtc attc 24

<210> 1680
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1680
cagtcaaggt cagaggctga gcccgggttc ctaccccaca gtcattcagc agcagaatgc 60
cacgagccaa ag 72

<210> 1681
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1681
cagaccaagg agatggacct 20

<210> 1682
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1682
agctgccagt gctatccg 18

<210> 1683
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1683
aagctgtaaa catgagccgc acca 24

<210> 1684
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1684
cagaccaagg agatggacct cagcgtggtg cggctcatgt ttacagcttt tcttccggat 60

agcactggca gct 73

<210> 1685
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1685
ctactggacg accgccac 18

<210> 1686
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1686
ccttgaccat ctgctcgtac t 21

<210> 1687
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1687
ctcgtctttc atggagtcca ggcc 24

<210> 1688
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1688
ctactggacg accgccacga cagcggcctg gactccatga aagacgagga gtacgagcag 60
atggtcaagg 70

<210> 1689
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1689
ccaaccctgc agactccaa 19

<210> 1690
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1690
atgtataatg ttcctgccaa cttgtatg 28

<210> 1691
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1691
cctgggacca tccgtggaga cttct 25

<210> 1692
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1692
ccaaccctgc agactccaag cctgggacca tccgtggaga cttctgcata caagttggca 60
ggaacattat acat 74

<210> 1693
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1693
cctagggcag ggatggag 18

<210> 1694
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1694
ctagtccagc caaacatccc 20

<210> 1695
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1695
ccctctcctc atgcccagac tctc 24

<210> 1696
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1696
cctagggcag ggatggagag agagtctggg catgaggaga gggtctcggg atgtttggct 60
ggactag 67

<210> 1697

<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1697
atctccgcct cgctcatg 18

<210> 1698
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1698
tcggagccat acaggattgt c 21

<210> 1699
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1699
ttcactcgct tcgccatcac cg 22

<210> 1700
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1700
atctccgcct cgctcatggg cacggtgatg gcgaagcgag tgaaggcgac aatcctgtat 60
ggctccga 68

<210> 1701
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1701
cctcaactgc agccttatcc 20

<210> 1702
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1702
tgcttggaac cttctgtgat 20

<210> 1703
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1703
ccgaacactc ttggcttacc tccg 24

<210> 1704
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1704
cctcaactgc agccttatcc ttttacccat gtgccgaaca ctcttggctt acctccgagg 60
atcacagaag gttccaagca 80

<210> 1705
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1705
tcaccaacct gttcatcctc 20

<210> 1706
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1706
gatgttgatg ggcagcac 18

<210> 1707
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1707
atcgccgacg agctcttcac g 21

<210> 1708
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1708
tcaccaacct gttcatcctc aacctggcca tcgccgacga gctcttcacg ctggtgctgc 60
ccatcaacat c 71

<210> 1709
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1709
aatgttgtcc aggttctatt gc 22

<210> 1710
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1710
caagcaaagg gtggagttc 19

<210> 1711
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1711
aacaggcatt ttggacaaca cattcttg 28

<210> 1712
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1712
aatgttgtcc aggttctatt gccaagaatg tgttgtccaa aatgcctgtt tagtttttaa 60
agatggaact ccacccttg cttg 84

<210> 1713
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1713
cgagactctc ctcatagtga aaggtat 27

<210> 1714
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1714
cttggcgtgt ggaaatctac ag 22

<210> 1715
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1715
atgaccaccc cggctcgtat gtca 24

<210> 1716
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1716
cgagactctc ctcatagtga aaggtatgtg tcagccatga ccaccccggc tcgtatgtca 60
cctgtagatt tccacacgcc aag 83

<210> 1717
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1717
cccacaagca tgaaggaga 19

<210> 1718
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1718
tgctcaatct ggcccacta 19

<210> 1719
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1719
agctttctct accccggcat ctca 24

<210> 1720
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1720
cccacaagca tgaaggagaa aagctttctc taccccggca tctcaaagta gtgggccaga 60
ttgagca 67

<210> 1721
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1721
cagctctctc cacgcgattc 20

<210> 1722
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1722
cccagcagct ccattctga 19

<210> 1723
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1723
caggatctac cccgagagag ccactcat 28

<210> 1724
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1724
cagctctctc cacgcgattc atcaggatct accccgagag agccactcat ggcggactgg 60
ggctcagaat ggagctgctg gg 82

<210> 1725
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1725
agcctctttg cgtcaatagc 20

<210> 1726
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1726
ctgtggtcac aggggtacag 20

<210> 1727
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1727

tcatctgcca ccactggact ctcc 24

<210> 1728
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1728
agcctctttg cgtcaatagc aactgctcca acctcatctg ccaccactgg actctccctc 60
tgtacccctg tgaccacag 79

<210> 1729
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1729
agcaaggaca gctttgcagt 20

<210> 1730
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1730
gaagacatgg tcggctcg 18

<210> 1731
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1731
ctgctcctca gcgaactcca ggag 24

<210> 1732
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1732
agcaaggaca gctttgcagt tctcctggag ttcgctgagg agcagctgcg agccgaccat 60
gtcttc 66

<210> 1733
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1733
ccctcccatc cgagtttc 18

<210> 1734
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1734
gacgcgggag tgtaggtg 18

<210> 1735
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1735
ctcctccctc ggtgaccaat tcac 24

<210> 1736
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1736
ccctcccatc cgagtttcag gtgaattggt caccgaggga ggaggccgac acaccacacc 60
tacactcccg cgtc 74

<210> 1737
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1737
agagatcacc ggcgtaatca a 21

<210> 1738
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1738
cgggctcagc tatgattctc a 21

<210> 1739
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1739
ccagcgttgg acaaatactt tccgtca 27

<210> 1740

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

<220>
<223> Synthetic oligonucleotide

<400> 1740
agagatcacc ggcgtaatca acccagcgtt ggacaaatac tttccgtcag actctggagt 60
gagaatcata gctgagcccg 80

<210> 1741
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1741
catgttggaa ggagcgttct 20

<210> 1742
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1742
caccagtttg gtggtgactg 20

<210> 1743
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1743
tggcctggat ctcctgaagc taca 24

<210> 1744
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1744
catgttggaa ggagcgttct atggcctgga tctcctgaag ctacattcag tcaccaccaa 60
actggtg 67

<210> 1745
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1745
tcagaactga ggccgacac 19

<210> 1746
<211> 21

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1746
ccagatagtc tacctcccgc t 21

<210> 1747
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1747
cagacgatcc actctcccgg agat 24

<210> 1748
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1748
tcagaactga ggccgacacc atctccggga gagtggatcg tctggagcgg gaggtagact 60
atctgg 66

<210> 1749
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1749
cgcaaactca agactatccc a 21

<210> 1750
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1750
cagtcacagc ctcaatttca tt 22

<210> 1751
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1751
tccgatgcac attcagcaac tctacc 26

<210> 1752
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1752
cgcaaactca agactatccc aaatattccg atgcacattc agcaactcta ccttcagttc 60
aatgaaattg aggctgtgac tg 82

<210> 1753
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1753
gcatgctttc aggcattga 19

<210> 1754
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1754
agaagatggc cagcattttg 20

<210> 1755
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1755
tcctcatctc cacctcatcc atgc 24

<210> 1756
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1756
gcatgctttc aggcattgac atcctcatct ccacctcatc catgcccaaa atgctggcca 60
tcttct 66

<210> 1757
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1757
tatggtgcca aaaccaaaca 20

<210> 1758
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1758
gtccttgtca cagctgatct tg 22

<210> 1759
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1759
acatagccag cacccgtgtt ctga 24

<210> 1760
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1760
tatggtgcca aaaccaaaca gatcagaaca cgggtgctgg ctatgttcaa gatcagctgt 60
gacaaggac 69

<210> 1761
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1761
gtttctgaag gggaggtcac 20

<210> 1762
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1762
aggtgtctgg tttgggaca 19

<210> 1763
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1763
ctgagctggc ctcctatgcc tcat 24

<210> 1764
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1764
gtttctgaag gggaggtcac agcctgagct ggcctcctat gcctcatcat gtcccaaacc 60
agacacct 68

<210> 1765
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1765
caacctgacg aagtggaatc 20

<210> 1766
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1766
cagatgctcc ctcatcctct 20

<210> 1767
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1767
ccaactcaaa gtcaggattc tacacctgc 29

<210> 1768
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1768
caacctgacg aagtggaatc accaactcaa agtcaggatt ctacacctgc tgaagagaga 60
gaggatgagg gagcatctg 79

<210> 1769
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1769
gaatctcagc aagaggaacc a 21

<210> 1770
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1770
gttcttcgat cggaggtgtt 20

<210> 1771
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1771
ccaactgaca atcaggatat tgaacctgg 29

<210> 1772
<211> 85
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1772
gaatctcagc aagaggaacc accaactgac aatcaggata ttgaacctgg acaagagaga 60
gaaggaacac ctccgatcga agaac 85

<210> 1773
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1773
cctccaggtc acccacag 18

<210> 1774
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1774
gtcccttcag gccagaactt 20

<210> 1775
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1775
agtttcagga aggctgcccc tctc 24

<210> 1776
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1776
cctccaggtc acccacagcc agtttcagga aggctgcccc tctctcccac taagttctgg 60

cctgaaggga c 71

<210> 1777
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1777
tggtaatccc tggttaacct tc 22

<210> 1778
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1778
tccaccttat gcctttcaca 20

<210> 1779
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1779
cagcacagtt ctttaggcag ccca 24

<210> 1780
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1780
tggtaatccc tggttaacct tcatgggctg cctaaagaac tgtgctgatg tgaaaggcat 60
aaggtgga 68

<210> 1781
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1781
cgtgattgtc aggagcaaga 20

<210> 1782
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1782
agaaagggga gatgcagagg 20

<210> 1783
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1783
ctgagatgct ccctgccttc agtg 24

<210> 1784
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1784
cgtgattgtc aggagcaaga cctgagatgc tccctgcctt cagtgtcctc tgcatctccc 60
ctttct 66

<210> 1785
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1785
cccagcgttg aagcagat 18

<210> 1786
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1786
gaaacgccag tccgtgtt 18

<210> 1787
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1787
attcttaaac agcaagcccc gcc 23

<210> 1788
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1788
cccagcgttg aagcagataa gaagattctt aaacagcaag ccccgcccaa cacggactgg 60
cgtttc 66

<210> 1789

<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1789
gaaggtgttg gaggcactca ag 22

<210> 1790
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1790
ggtttacacc gctggagcta a 21

<210> 1791
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1791
atcccagcag gcctcgttga tgag 24

<210> 1792
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1792
gaaggtgttg gaggcactca aggacctcat caacgaggcc tgctgggata ttagctccag 60
cggtgtaaac c 71

<210> 1793
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1793
ttccacaact tccggcac 18

<210> 1794
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1794
agactgcaga gccagacca 19

<210> 1795
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1795
tacatcatct gggccacgca gaag 24

<210> 1796
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1796
ttccacaact tccggcactg cttctgcgtg gcccagatga tgtacagcat ggtctggctc 60
tgcagtct 68

<210> 1797
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1797
ccagctctcc ttccagctac 20

<210> 1798
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1798
gggtggctct cacttagctc 20

<210> 1799
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1799
atcaatgtcc ctgtccgagt gctg 24

<210> 1800
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1800
ccagctctcc ttccagctac agatcaatgt ccctgtccga gtgctggagc taagtgagag 60
ccaccc 66

<210> 1801
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1801
tgtatttcaa gacctctgtg cactt 25

<210> 1802
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1802
ttagcctgag gaattgctgt gtt 23

<210> 1803
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1803
tttatgaacc tgccctgctc ccaca 25

<210> 1804
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1804
tgtatttcaa gacctctgtg cacttattta tgaacctgcc ctgctcccac agaacacagc 60
aattcctcag gctaa 75

<210> 1805
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1805
ggagaagttc cctccccag 19

<210> 1806
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1806
atctgtgtcc aggcccac 18

<210> 1807
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1807
ctaccttcgg cactaccgct gagc 24

<210> 1808
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1808
ggagaagttc cctccccaga agctcatcta ccttcggcac taccgctgag ccggcgcccg 60
ggtgggcctg gacacagat 79

<210> 1809
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1809
attcccatgc cctgttttac 20

<210> 1810
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1810
ctggctggaa gcatctcat 19

<210> 1811
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1811
actgccctct ccttctatga cgggt 25

<210> 1812
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1812
attcccatgc cctgttttac cactgccctc tccttctatg acgggtacag acatgagatg 60
cttccagcca g 71

<210> 1813
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1813
gtggttttcc ctcggagc 18

<210> 1814
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1814
agcaagggaa cagcctcat 19

<210> 1815
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1815
atcttctcag acgtcccgag ccag 24

<210> 1816
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1816
gtggttttcc ctcggagccc cctggctcgg gacgtctgag aagatgccgg tcatgaggct 60
gttcccttgc t 71

<210> 1817
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1817
agagccagtt gctgtagaac tcaa 24

<210> 1818
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1818
ctgggcctac acagtccttc a 21

<210> 1819
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1819

tctctgctgg gcaaggatgt tctgttc 27

<210> 1820
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1820
agagccagtt gctgtagaac tcaaatctct gctgggcaag gatgttctgt tcttgaagga 60
ctgtgtaggc ccag 74

<210> 1821
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1821
gataaaggag ccgcgtgtca 20

<210> 1822
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1822
tcacaagtcc ggcacttgag 20

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

<220>
<223> Synthetic oligonucleotide

<400> 1823
taaattgccg tcgcagccgc a 21

<210> 1824
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1824
gataaaggag ccgcgtgtca ctaaattgcc gtcgcagccg cagccactca agtgccggac 60
ttgtga 66

<210> 1825
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1825
gatatggctg atgctgctcc 20

<210> 1826
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1826
ggtttgggtg ttcttgtgga 20

<210> 1827
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1827
acaatctggc aatgcacagt tccc 24

<210> 1828
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1828
gatatggctg atgctgctcc tgggaactgt gcattgccag attgtttcca caagaacacc 60
caaacc 66

<210> 1829
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1829
ataccaatca ccgcacaaac c 21

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

<220>
<223> Synthetic oligonucleotide

<400> 1830
cacactagca ttttctccgc ata 23

<210> 1831
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1831
tgtgctgtga ctggacttaa caaatagcct 30

<210> 1832

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

<220>
<223> Synthetic oligonucleotide

<400> 1832
ataccaatca ccgcacaaac ccaggctatt tgttaagtcc agtcacagca caaagaaaca 60
tatgcggaga aaatgctagt gtg 83

<210> 1833
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1833
gtgattgaag agcatgccaa 20

<210> 1834
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1834
gtcctgcgtg ggaatagc 18

<210> 1835
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1835
tcctgcttct cgggatacag acca 24

<210> 1836
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1836
gtgattgaag agcatgccaa ttggtctgta tcccgagaag caggatttag ctattcccac 60
gcaggac 67

<210> 1837
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1837
ggagaactca atgtccatct cc 22

<210> 1838
<211> 18

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1838
tgatgcttag gcagggct 18

<210> 1839
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1839
ttctggacaa ttactgccac ccga 24

<210> 1840
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1840
ggagaactca atgtccatct ccattcttct ggacaattac tgccacccga tagccctgcc 60
taagcatca 69

<210> 1841
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1841
ctgctcaagg acaccgtcta 20

<210> 1842
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1842
ggatccactc tggagggc 18

<210> 1843
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1843
tacactcggg tcccatcgaa gtcc 24

<210> 1844
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1844
ctgctcaagg acaccgtcta cacggacttc gatgggaccc gagtgtatag ccctccagag 60
tggatcc 67

<210> 1845
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1845
cctggctgtg gtttatcctt 20

<210> 1846
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1846
tgacccatgc tgatgatttc 20

<210> 1847
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1847
tggcaataca taaatcctgt tgccca 26

<210> 1848
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1848
cctggctgtg gtttatcctt ttgactggca atacataaat cctgttgccc atatgaaatc 60
atcagcatgg gtca 74

<210> 1849
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1849
gtggatgtgc cctgaagga 19

<210> 1850
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1850
ctgcggatcc agggtaagaa 20

<210> 1851
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1851
aagccaggcg tctacacgag agtctcac 28

<210> 1852
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1852
gtggatgtgc cctgaaggac aagccaggcg tctacacgag agtctcacac ttcttaccct 60
ggatccgcag 70

<210> 1853
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1853
cccatggatg ctcctctgaa 20

<210> 1854
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1854
ccggtggcta ccagacattg 20

<210> 1855
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1855
cattgactgc cgaggcccca tg 22

<210> 1856
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1856
cccatggatg ctcctctgaa gagactttcc tcattgactg ccgaggcccc atgaatcaat 60
gtctggtagc caccgg 76

<210> 1857
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1857
ggcaaaattt ccaagaccat 20

<210> 1858
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1858
atgtatccat gagcgtgtgg 20

<210> 1859
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1859
tgccaggcct gggactctca 20

<210> 1860
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1860
ggcaaaattt ccaagaccat gtctggactg gaatgccagg cctgggactc tcagagccca 60
cacgctcatg gatacat 77

<210> 1861
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1861
aatgaataca gtattcccaa gcacat 26

<210> 1862
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1862
tgtctgaagc atcttctgga tga 23

<210> 1863
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1863
aaccccgtgg ccgcctcc 18

<210> 1864
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1864
aatgaataca gtattcccaa gcacatcaac cccgtggccg cctccctcat ccagaagatg 60
cttcagaca 69

<210> 1865
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1865
cagggaggtg gttgcaaat 19

<210> 1866
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1866
tctcccagga tgcatgaag 19

<210> 1867
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1867
tccagccttt tcgtggtgac tcaa 24

<210> 1868
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1868
cagggaggtg gttgcaaatt tctaaggtac aattgctcta ttgagtcacc acgaaaaggc 60

tggagcttca tgcatcctgg gaga 84

<210> 1869
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1869
cctgatctgc ttcagtgcc 19

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

<220>
<223> Synthetic oligonucleotide

<400> 1870
gcagcaagga tcatctcaat c 21

<210> 1871
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1871
acaccaggct actcctccct gtcg 24

<210> 1872
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1872
cctgatctgc ttcagtgcct ccacaccagg ctactcctcc ctgtcggtga ttgagatgat 60
ccttgctgc 69

<210> 1873
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1873
tggagaaggt gaactgcatc 20

<210> 1874
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1874
cacggcttgg gtgtacatt 19

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

<220>
<223> Synthetic oligonucleotide

<400> 1875
acccgtgcct ccagtccaca c 21

<210> 1876
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1876
tggagaaggt gaactgcatc tgtgtggact ggaggcacgg gtcccgggca atgtacaccc 60
aagccgtg 68

<210> 1877
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1877
gtggcccaat taggcttg 18

<210> 1878
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1878
tcacaggtgc cagcaaag 18

<210> 1879
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1879
ttctccatct ggcctcagag caga 24

<210> 1880
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1880
gtggcccaat taggcttggc atctgctctg aggccagatg gagaatacac tttgctggca 60
cctgtga 67

<210> 1881

<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1881
acaagcacca tcccagtga 19

<210> 1882
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1882
cacgaagaaa actatgcagc ag 22

<210> 1883
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1883
accagggctc cttgagcaaa tcct 24

<210> 1884
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1884
acaagcacca tcccagtgat gttctggcag gatttgctca aggagccctg gtggcctgct 60
gcatagtttt cttcgtg 77

<210> 1885
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1885
cctggagctc cgttactctc 20

<210> 1886
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1886
agccacatag ggatccagg 19

<210> 1887
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1887
cacccacttt accttctggt gccc 24

<210> 1888
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1888
cctggagctc cgttactctc aggcacccac tttaccttct ggtgcccacc tggatcccta 60
tgtggct 67

<210> 1889
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1889
cggcaagggg ttgatataga 20

<210> 1890
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1890
tgcctggcat ctctaagca 19

<210> 1891
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1891
ccgttcttct tcctttcgag ctgc 24

<210> 1892
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1892
cggcaagggg ttgatataga agcagctcga aaggaagaag aacggatcat gcttagagat 60
gccaggca 68

<210> 1893
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1893
atactccgag cccacgaa 18

<210> 1894
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1894
ggaagcctgt tgtttggc 18

<210> 1895
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1895
tacatgcggt accctgcatc ttgg 24

<210> 1896
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1896
atactccgag cccacgaagc ccaagatgca gggtaccgca tgtacaggaa aagccaaaca 60
acaggcttcc 70

<210> 1897
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1897
atcctcttcc ctgagccg 18

<210> 1898
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1898
cccagctgag agggaattta 20

<210> 1899
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1899
tgacgcatcc agggctctag tctg 24

<210> 1900
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1900
atcctcttcc ctgagccgct gacgcatcca gggctctagt ctgcacataa attccctctc 60
agctggg 67

<210> 1901
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1901
acaaaaccat gactgcgct 19

<210> 1902
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1902
tgtcatccag gtgagcga 18

<210> 1903
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1903
aaggccatct ccaagaacgt gctc 24

<210> 1904
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1904
acaaaaccat gactgcgctg gccaaggcca tctccaagaa cgtgctcttc gctcacctgg 60
atgaca 66

<210> 1905
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1905
tgataatcgt gggagtttcg 20

<210> 1906
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1906
gcaccaggag aggtagcagt 20

<210> 1907
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1907
cgaactggcc ttaatgtaca atacaccca 29

<210> 1908
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1908
tgataatcgt gggagtttcg gcgaactggc cttaatgtac aatacaccca gagcagctac 60
aatcactgct acctctcctg gtgc 84

<210> 1909
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1909
caagcaatgc gtcatcaatg t 21

<210> 1910
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1910
gtaaatccgc cccctcttct 20

<210> 1911
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1911

cagcctctgc ggaatggatc acact 25

<210> 1912
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1912
caagcaatgc gtcatcaatg tccccagcct ctgcggaatg gatcacactg agaagagggg 60
gcggatttac 70

<210> 1913
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1913
gacccagctc cactcctg 18

<210> 1914
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1914
cccattcacg tactccatca 20

<210> 1915
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1915
ccagaccatg gaccgcctgt actt 24

<210> 1916
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1916
gacccagctc cactcctgct tccagaccat ggaccgcctg tactttgtga tggagtacgt 60
gaatggg 67

<210> 1917
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1917
ctatgacagg catgccacc 19

<210> 1918
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1918
ctccaaccat gaggaagacg 20

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

<220>
<223> Synthetic oligonucleotide

<400> 1919
acccgaggct gtgtctccaa cac 23

<210> 1920
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1920
ctatgacagg catgccaccc cgaccacccg aggctgtgtc tccaacaccg gaggcgtctt 60
cctcatggtt ggag 74

<210> 1921
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1921
gcagcacagg aatcttcttc tt 22

<210> 1922
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1922
cccacctatc caacctaatc tg 22

<210> 1923
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1923
ctcatcctga cagactgcag ctgc 24

<210> 1924

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

<220>
<223> Synthetic oligonucleotide

<400> 1924
gcagcacagg aatcttcttc ttggcagctg cagtctgtca ggatgagata tcagattagg 60
ttggataggt ggg 73

<210> 1925
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1925
accgtcatca gcaaaggct 19

<210> 1926
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1926
cgtgatgttc ttcttgccc 19

<210> 1927
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1927
cctgtgagtc atccacgcag ttca 24

<210> 1928
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1928
accgtcatca gcaaaggctg cagcttgaac tgcgtggatg actcacagga ctactacgtg 60
ggcaagaaga acatcacg 78

<210> 1929
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1929
ggaggagctc tacacgaaga ag 22

<210> 1930
<211> 19

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1930
cggatcctgc acaaaatca 19

<210> 1931
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1931
cctgaagtgt cagctgatgc caca 24

<210> 1932
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1932
ggaggagctc tacacgaaga agttgtggca tcagctgaca cttcaggtgc ttgattttgt 60
gcaggatccg 70

<210> 1933
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1933
ccacgacaaa gccgactac 19

<210> 1934
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1934
tactcgatgg gctctgctg 19

<210> 1935
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1935
cctgaaacaa ggctgagaat cccg 24

<210> 1936
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1936
ccacgacaaa gccgactaca tgcctgaaac aaggctgaga atcccggcag cagagcccat 60
cgagta 66

<210> 1937
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1937
tggctaagtg aagatgacaa tcatg 25

<210> 1938
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1938
tgcacatatc attacaccag ttcgt 25

<210> 1939
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1939
cctttccagc tttacagtga attgctgca 29

<210> 1940
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1940
tggctaagtg aagatgacaa tcatgttgca gcaattcact gtaaagctgg aaagggacga 60
actggtgtaa tgatatgtgc a 81

<210> 1941
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1941
taactggggc aacctttct 20

<210> 1942
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1942
ttgcaggaaa aggtgactgt 20

<210> 1943
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1943
cctttgcctt cctggggctc tt 22

<210> 1944
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1944
taactggggc aacctttttct tcgcctctgc ctttgccttc ctggggctct tggcgctgac 60
agtcaccttt tcctgcaa 78

<210> 1945
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1945
gaatcattca ccaggcaaat tg 22

<210> 1946
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1946
ctgtactgcg ggtggaacat 20

<210> 1947
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1947
cctaccacca gcaaccctgc ca 22

<210> 1948
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1948
gaatcattca ccaggcaaat tgctggcagg gttgctggtg gtaggaatgt tccacccgca 60
gtacag 66

<210> 1949
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1949
cgaggtacaa gctgagatca agaa 24

<210> 1950
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1950
gcgtgccttt cgcttgaa 18

<210> 1951
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1951
ccagtgccag tgtccagcgg ct 22

<210> 1952
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1952
cgaggtacaa gctgagatca agaaatcttg gagccgctgg acactggcac tggacttcaa 60
gcgaaaggca cgc 73

<210> 1953
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1953
agtgactggg agtgggctag aa 22

<210> 1954
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1954
aagcctgtta ccgtgaatcg a 21

<210> 1955
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1955
tgacacctcc acaacgtcgc tgga 24

<210> 1956
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1956
agtgactggg agtgggctag aaggggacca cctgtctgac acctccacaa cgtcgctgga 60
gctcgattca cggtaacagg ctt 83

<210> 1957
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1957
gaccggtcga atgataaggt 20

<210> 1958
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1958
ctggacatct cgatgacagc 20

<210> 1959
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1959
accaggcccg tcacattctc gtac 24

<210> 1960
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1960
gaccggtcga atgataaggt gtacgagaat gtgacgggcc tggtgaaagc tgtcatcgag 60

atgtccag 68

<210> 1961
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1961
caagcccagc cgacctaag 19

<210> 1962
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1962
gaacctggaa ctgcagcttt g 21

<210> 1963
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1963
ctccgcaaac caacctcctg gct 23

<210> 1964
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1964
caagcccagc cgacctaagt acagaccccc tccgcaaacc aacctcctgg ctccaaagct 60
gcagttccag gttc 74

<210> 1965
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1965
gtgcaggaaa ggttcacaaa 20

<210> 1966
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1966
gcacacacga tggagtaagg 20

<210> 1967
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1967
agtgtctgcg tccaatacac gcgt 24

<210> 1968
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1968
gtgcaggaaa ggttcacaaa tgtggagtgt ctgcgtccaa tacacgcgtg tgctcctctc 60
cttactccat cgtgtgtgc 79

<210> 1969
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1969
tcagaggact cacggttcg 19

<210> 1970
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1970
catacacctc cacgctgttg 20

<210> 1971
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1971
cgcaaggtcc cattcttgaa gacc 24

<210> 1972
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1972
tcagaggact cacggttcga ggtcttcaag aatgggacct tgcgcatcaa cagcgtggag 60
gtgtatg 67

<210> 1973

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

<220>
<223> Synthetic oligonucleotide

<400> 1973
aatgaggaag tttcggatgg 20

<210> 1974
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1974
cttcgatcac agccaggtag 20

<210> 1975
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1975
ctgatccaga cagccgacca gct 23

<210> 1976
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1976
aatgaggaag tttcggatgg ggctgatcca gacagccgac cagctgcgct tctcctacct 60
ggctgtgatc gaag 74

<210> 1977
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1977
tcaaaccctc ccagtgct 18

<210> 1978
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1978
agcagccagt tcgtccag 18

<210> 1979
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1979
ccccatcgtt gtacattgca gtgc 24

<210> 1980
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1980
tcaaaccctc ccagtgctgg ccccatcgtt gtacattgca gtgctggtgc tggacgaact 60
ggctgct 67

<210> 1981
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1981
ggctactctg atctatgttg ataaggaa 28

<210> 1982
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1982
gcttcagccc atccttagca 20

<210> 1983
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1983
cacacgggtg cctggttctc ca 22

<210> 1984
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1984
ggctactctg atctatgttg ataaggaaaa tggagaacca ggcacccgtg tggttgctaa 60
ggatgggctg aagc 74

<210> 1985
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1985
ctttatagac cagcaccggg 20

<210> 1986
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1986
agcatccagc agccactc 18

<210> 1987
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1987
acgtttgtga ccctcgcgat aagc 24

<210> 1988
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1988
ctttatagac cagcaccggg ctgcgcttat cgcgagggtc acaaacgttg agtggctgct 60
ggatgct 67

<210> 1989
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1989
tgagagatta atgggcattg tg 22

<210> 1990
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1990
ccggatgctt tattcgtagg 20

<210> 1991
<211> 26
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1991
acaaattgct tctcaccatc cccatt 26

<210> 1992
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1992
tgagagatta atgggcattg tgtacaaatt gcttctcacc atccccatta gacctacgaa 60
taaagcatcc gg 72

<210> 1993
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1993
taaaggctga ggcacgga 18

<210> 1994
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1994
ctccccagca tctcatgg 18

<210> 1995
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1995
ccatcagggc agttgctgat tcct 24

<210> 1996
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1996
taaaggctga ggcacggaga agaaaaggaa tcagcaactg ccctgatggg ccatgagatg 60
ctggggag 68

<210> 1997
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1997
ctgaaggacc ctacgctcg 19

<210> 1998
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1998
atgcaaagcc agtgtgctc 19

<210> 1999
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 1999
cttctcaaag tgaggtgcca ggcc 24

<210> 2000
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2000
ctgaaggacc ctacgctcgg tggcctggca cctcactttg agaagagtga gcacactggc 60
tttgcat 67

<210> 2001
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2001
tagggatggt atctgaaaca aca 23

<210> 2002
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2002
tcgcgtacac ctctgctc 18

<210> 2003
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2003

cacttaaaac gaatctcaag agggtgacca 30

<210> 2004
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2004
tagggatggt atctgaaaca acaatggtca ccctcttgag attcgtttta agtgtaattc 60
cataatgagc agaggtgtac gcga 84

<210> 2005
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2005
agactactcg ggtcgaggtg 20

<210> 2006
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2006
agcatccgca gaaacctg 18

<210> 2007
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2007
ctttcagcca ggcagatgca cttg 24

<210> 2008
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2008
agactactcg ggtcgaggtg agctttcagc caggcagatg cacttggcca ggtttctgcg 60
gatgct 66

<210> 2009
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2009
gccatcttca ccatcaagg 19

<210> 2010
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2010
cggtgtctga gagtgtggc 19

<210> 2011
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2011
ctttgctgga cggccacttt gtct 24

<210> 2012
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2012
gccatcttca ccatcaagga ctctttgctg gacggccact ttgtcttggc cacactctca 60
gacaccg 67

<210> 2013
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2013
cgtcgtatgc gagagtctgt 20

<210> 2014
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2014
tgaaggcgtg aggtgtagaa 20

<210> 2015
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2015
tccaggatgc ctgttagttc tcagca 26

<210> 2016

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

<220>
<223> Synthetic oligonucleotide

<400> 2016
cgtcgtatgc gagagtctgt ttccaggatg cctgttagtt ctcagcacag atattctaca 60
cctcacgcct tca 73

<210> 2017
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2017
attaggggac tttggctcct 20

<210> 2018
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2018
gggtggagat gtattccgtg 20

<210> 2019
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2019
ccggagtgtc tattccaagc agcc 24

<210> 2020
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2020
attaggggac tttggctcct gccggagtgt ctattccaag cagccgtaca cggaatacat 60
ctccaccc 68

<210> 2021
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2021
tggtcctgaa tgtagcgtgt 20

<210> 2022
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2022
ccccatttca cctcttcaat 20

<210> 2023
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2023
ttgtgtttct tgggcagtct ttcttgaa 28

<210> 2024
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2024
tggtcctgaa tgtagcgtgt aagcttgtgt ttcttgggca gtctttcttg aaattgaaga 60
ggtgaaatgg gg 72

<210> 2025
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2025
ggtgtcagat ataaatgtgc aaatgc 26

<210> 2026
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2026
ttcgatattg ccagcagcta taaa 24

<210> 2027
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2027
tgctgtcctg tcggtctcag tacgttca 28

<210> 2028
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2028
ggtgtcagat ataaatgtgc aaatgccttc ttgctgtcct gtcggtctca gtacgttcac 60
tttatagctg ctggcaatat cgaa 84

<210> 2029
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2029
tgacagcgtg agaggtacta gg 22

<210> 2030
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2030
ctgagccaag aacgactagc tt 22

<210> 2031
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2031
cacgcatgat gcaagcttgt caaa 24

<210> 2032
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2032
tgacagcgtg agaggtacta ggttttgaca agcttgcatc atgcgtgagt ataagctagt 60
cgttcttggc tcag 74

<210> 2033
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2033
atgaaccctt gaccccaagt 20

<210> 2034
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2034
gagctgggtg agatgctagg 20

<210> 2035
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2035
tgtgctctgc tgtgttccca cttg 24

<210> 2036
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2036
atgaaccctt gaccccaagt tcaagtggga acacagcaga gcacagtcct agcatctcac 60
ccagctc 67

<210> 2037
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2037
agggcacgtg aagtcattg 19

<210> 2038
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2038
aaagagtgca aacttgcgg 19

<210> 2039
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2039
caccaccaag aactttcgca gcag 24

<210> 2040
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2040
agggcacgtg aagtcattga ggccctgctg cgaaagttct tggtggtgga tgacccccgc 60
aagtttgcac tcttt 75

<210> 2041
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2041
cgaagccctt acaagtttcc 20

<210> 2042
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2042
ggactcttca ggggtgaaat 20

<210> 2043
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2043
cccttacgga ttcctggagg gaac 24

<210> 2044
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2044
cgaagccctt acaagtttcc tagttcaccc ttacggattc ctggagggaa catctatatt 60
tcacccctga agagtcc 77

<210> 2045
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2045
gtcgccgagt gtgcttct 18

<210> 2046
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2046
gtgggatgat gggtttgc 18

<210> 2047
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2047
tcaagtgtcc ttcgctcttg gcag 24

<210> 2048
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2048
gtcgccgagt gtgcttctgt caagtgtcct tcgctcttgg cagctggatg caaacccatc 60
atcccac 67

<210> 2049
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2049
tgctaactcc tgcacagcc 19

<210> 2050
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2050
tgctaggttt cccctctgaa 20

<210> 2051
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2051
tcctcttcct ttctgctagc ctggc 25

<210> 2052
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2052
tgctaactcc tgcacagccc cgtcctcttc ctttctgcta gcctggctaa atctgctcat 60

tatttcagag gggaaaccta gca 83

<210> 2053
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2053
ctgccgggat ggcttctat 19

<210> 2054
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2054
ccaggttctg gaaactgtgg at 22

<210> 2055
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2055
ctgagctctg cccggaccgc t 21

<210> 2056
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2056
ctgccgggat ggcttctatg aggctgagct ctgcccggac cgctgcatcc acagtttcca 60
gaacctgg 68

<210> 2057
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2057
tcctctccaa gttcgagcc 19

<210> 2058
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2058
caggccctgg tacagcac 18

<210> 2059
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2059
tccaatggac caagcactgt gaca 24

<210> 2060
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2060
tcctctccaa gttcgagccc gtgctccaat ggaccaagca ctgtgacaac gtgctgtacc 60
agggcctg 68

<210> 2061
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2061
agacatccac gacagcgat 19

<210> 2062
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2062
ccatttggct gtgctcttg 19

<210> 2063
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2063
agttccagca gcagccacca gag 23

<210> 2064
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2064
agacatccac gacagcgatg gcagttccag cagcagccac cagagcctca agagcacagc 60
caaatgg 67

<210> 2065

<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2065
caggctgcag agagcattt 19

<210> 2066
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2066
tttgcttgtg cttctgcttg 20

<210> 2067
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2067
tgaaaatgaa ctcccacttc cggg 24

<210> 2068
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2068
caggctgcag agagcatttg cccggaagtg ggagttcatt ttcatgcaag cagaagcaca 60
agcaaa 66

<210> 2069
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2069
tggcatagct ctggggtg 18

<210> 2070
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2070
tgccacagct gcatgaac 18

<210> 2071
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2071
aaatgggctc aaccagaaaa gccc 24

<210> 2072
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2072
tggcatagct ctggggtggg cagtttttg aaaatgggct caaccagaaa agcccaagtt 60
catgcagctg tggca 75

<210> 2073
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2073
aagcatgaac aggacttgac c 21

<210> 2074
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2074
cctccccaag tcagttgc 18

<210> 2075
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2075
ctttccaacc cctggggaag acat 24

<210> 2076
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2076
aagcatgaac aggacttgac catctttcca acccctgggg aagacatttg caactgactt 60
ggggagg 67

<210> 2077
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2077
cccgttcggt ctgaggaa 18

<210> 2078
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2078
gagcactcaa ggtagccaaa gg 22

<210> 2079
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2079
tccggttcgc catgtcccg 19

<210> 2080
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2080
cccgttcggt ctgaggaagg ccgggacatg gcgaaccgga tcagtgcctt tggctacctt 60
gagtgctc 68

<210> 2081
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2081
agctgaaggc agccctatc 19

<210> 2082
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2082
ttggaatcct ttaatgcagg t 21

<210> 2083
<211> 26
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 2083
tgagaggcaa ccatcattac cagagc 26

<210> 2084
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2084
agctgaaggc agccctatct gagaggcaac catcattacc agagctacag cagtatgtac 60
ctgcattaaa ggattccaa 79

<210> 2085
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2085
tcggaattgg acttgggag 19

<210> 2086
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2086
ctggttactc ccctccaaca 20

<210> 2087
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2087
ttttaagcct gactcctcac cgcg 24

<210> 2088
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2088
tcggaattgg acttgggagg cgcggtgagg agtcaggctt aaaacttgtt ggaggggagt 60
aaccag 66

<210> 2089
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2089
tgacagggga agtgggtc 18

<210> 2090
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2090
ggaagacagc tttggcaaga 20

<210> 2091
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2091
ccaggtcagc ccttctcttc cctt 24

<210> 2092
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2092
tgacagggga agtgggtccc caggtcagcc cttctcttcc ctttgggctc ttgccaaagc 60
tgtcttcc 68

<210> 2093
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2093
ctacaaggcc cagccaac 18

<210> 2094
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2094
caccagtggc tttacatttc ag 22

<210> 2095
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2095

ctgtaccatc cactgccagc gttt 24

<210> 2096
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2096
ctacaaggcc cagccaacca aacgctggca gtggatggta cagcgttact gaaatgtaaa 60
gccactggtg 70

<210> 2097
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2097
gggctactgg cagctacatt 20

<210> 2098
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2098
ctctcagcat cggtacaagg 20

<210> 2099
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2099
cattggaatt gccattagtc ccagc 25

<210> 2100
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2100
gggctactgg cagctacatt gctgggacta atggcaattc caatggcctt gtaccgatgc 60
tgagag 66

<210> 2101
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2101
cagcgggatt aaacagtcct 20

<210> 2102
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2102
atctgcgttg aagcagtgag 20

<210> 2103
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2103
ccagcacagc cagttaaaag atgca 25

<210> 2104
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2104
cagcgggatt aaacagtcct ttaaccagca cagccagtta aaagatgcag cctcactgct 60
tcaacgcaga t 71

<210> 2105
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2105
agacaaggat gccgtggata a 21

<210> 2106
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2106
gaagtccacc tgggcatctc 20

<210> 2107
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2107
ttgctcaagg acctggacgc caa 23

<210> 2108

<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2108
agacaaggat gccgtggata aattgctcaa ggacctggac gccaatggag atgcccaggt 60
ggacttc 67

<210> 2109
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2109
ccttttacca ctgcctggtt 20

<210> 2110
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2110
acaatgctgt gtccttccg 19

<210> 2111
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2111
tccagtgctc tttcggcact tctg 24

<210> 2112
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2112
ccttttacca ctgcctggtt gcagaagtgc cgaaagagca ctggactccg gaaggacaca 60
gcattgt 67

<210> 2113
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2113
tgacaatcag cacacctgca t 21

<210> 2114
<211> 23

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2114
tgtgactaca gccgtgatcc tta 23

<210> 2115
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2115
caggccctct tccgagcggt 20

<210> 2116
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2116
tgacaatcag cacacctgca ttcaccgctc ggaagagggc ctgagctgca tgaataagga 60
tcacggctgt agtcaca 77

<210> 2117
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2117
gaaattgacg aggggtgtct 20

<210> 2118
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2118
aggagctaac ggagaacctg 20

<210> 2119
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2119
ctctgagcgc ctccatccaa gg 22

<210> 2120
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2120
gaaattgacg aggggtgtct tgggcagagc tggctctgag cgcctccatc caaggccagg 60
ttctccgtta gctcct 76

<210> 2121
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2121
ggattgaagt ggctggaaag 20

<210> 2122
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2122
accagccaca gtaccctca 19

<210> 2123
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2123
aactccatct ccttccccag gcat 24

<210> 2124
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2124
ggattgaagt ggctggaaag agtgatgcct ggggaaggag atggagttat gagggtactg 60
tggctggt 68

<210> 2125
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2125
cttccctcgg gtctcagg 18

<210> 2126
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2126
ttccctcctg gtaaaggtca 20

<210> 2127
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2127
ttacatcctc cctctccccg caat 24

<210> 2128
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2128
cttccctcgg gtctcaggca tttacatcct ccctctcccc gcaatctgac ctttaccagg 60
agggaa 66

<210> 2129
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2129
agggttccca tgtgaccag 19

<210> 2130
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2130
gcaggcatgc tgtggaat 18

<210> 2131
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2131
cgggcttcta catcctgcag tgg 23

<210> 2132
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2132
agggttccca tgtgaccagg tggccgggct tctacatcct gcagtggaaa ttccacagca 60
tgcctgc 67

<210> 2133
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2133
cgtgtgcatt agatcagaca gg 22

<210> 2134
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2134
cccattacca tgtatcctcc ag 22

<210> 2135
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2135
tcctggagat gaaatgctgt ccca 24

<210> 2136
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2136
cgtgtgcatt agatcagaca ggtctcctgg agatgaaatg ctgtcccaac cttactggag 60
gatacatggt aatggg 76

<210> 2137
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2137
ttggaatgca gtccgaagt 19

<210> 2138
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2138
ctcttcattt cgcctctgga 20

<210> 2139
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2139
ttgccaatag accagcgctc tctg 24

<210> 2140
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2140
ttggaatgca gtccgaagtc gcagagagcg ctggtctatt ggcaattcca gaggcgaaat 60
gaagag 66

<210> 2141
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2141
cagtgaccac gagtaccagg 20

<210> 2142
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2142
cttcgatggt accccacttg 20

<210> 2143
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2143
ttgccaatag accagcgctc tctg 24

<210> 2144
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2144
cagtgaccac gagtaccagg tcaacggcaa gaggatcctt gggaggaaga ccaagtgggg 60

taccatcgaa g 71

<210> 2145
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2145
gtgtggccct gtctgctta 19

<210> 2146
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2146
ccctgtgcat gtgagagcta c 21

<210> 2147
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2147
agggaatcgc tgtcaccttc caag 24

<210> 2148
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2148
gtgtggccct gtctgcttat ccttggaagg tgacagcgat tccctgtgta gctctcacat 60
gcacaggg 68

<210> 2149
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2149
cagatggcca ctttgagaac att 23

<210> 2150
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2150
ggcagcatta accacaagga tt 22

<210> 2151
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2151
agctgacaac agtgtgaacg accagacc 28

<210> 2152
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2152
cagatggcca ctttgagaac attttagctg acaacagtgt gaacgaccag accaaaatcc 60
ttgtggttaa tgctgcc 77

<210> 2153
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2153
gaccctggtt ttgggtatga 20

<210> 2154
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2154
gagctcggaa tgttggca 18

<210> 2155
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2155
tgctcttctc ctcgtctggc aaag 24

<210> 2156
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2156
gaccctggtt ttgggtatga agactttgcc agacgaggag aagagcattt gccaacattc 60
cgagctc 67

<210> 2157

<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2157
tacaggatga ggctgggc 18

<210> 2158
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2158
gttgttaggg caaggggc 18

<210> 2159
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2159
cctgggacag cctatgtaag gcca 24

<210> 2160
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2160
tacaggatga ggctgggcat tgcctgggac agcctatgta aggccatgtg ccccttgccc 60
taacaac 67

<210> 2161
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2161
ccatcacaac agccttgaac 20

<210> 2162
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2162
cactggggtg ctgatctcta 20

<210> 2163
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2163
aaccggatgg tccattctcc ttca 24

<210> 2164
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2164
ccatcacaac agccttgaac actctcaacc ggatggtcca ttctccttca gggcgccata 60
tggtagagat cagcacccca gtg 83

<210> 2165
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2165
cctccaaagc cattgtcaag 20

<210> 2166
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2166
ctttgagagc cagagttcag c 21

<210> 2167
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2167
cacagcagtc atctgcacca gtcc 24

<210> 2168
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2168
cctccaaagc cattgtcaag accacagcag tcatctgcac cagtccagct gaactctggc 60
tctcaaag 68

<210> 2169
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2169
gtccaaggca catatccact g 21

<210> 2170
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2170
gaagcagcct cccgattt 18

<210> 2171
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2171
caccgagttc tctgctttca ccga 24

<210> 2172
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2172
gtccaaggca catatccact gctcggtgaa agcagagaac tcggtggcgg ccaaatcggg 60
aggctgcttc 70

<210> 2173
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2173
agcgggtgct agagcttgta 20

<210> 2174
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2174
atggcacttc ggtctcca 18

<210> 2175
<211> 25
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 2175
ccatcactgc caacaagaac acctg 25

<210> 2176
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2176
agcgggtgct agagcttgta tccatcactg ccaacaagaa cacctgtcct ggagaccgaa 60
gtgccat 67

<210> 2177
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2177
gatggtagga agggatgtgc 20

<210> 2178
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2178
cacaaggagc tgtgaatgag g 21

<210> 2179
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2179
cgcctctcca cgcactcagc tat 23

<210> 2180
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2180
gatggtagga agggatgtgc ccgcctctcc acgcactcag ctatacctca ttcacagctc 60
cttgtg 66

<210> 2181
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2181
ctaggacagc ttggcttcca 20

<210> 2182
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2182
cataaccgta gggctccaca 20

<210> 2183
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2183
cgccacaatg ccctcatagt tgac 24

<210> 2184
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2184
ctaggacagc ttggcttcca tgtcaactat gagggcattg tggcggatgt ggagccctac 60
ggttatg 67

<210> 2185
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2185
agaggctgaa tatgcaggac a 21

<210> 2186
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2186
ctatcggcct cagcatgg 18

<210> 2187
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2187

ccaatctctg cctcagttct gcca 24

<210> 2188
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2188
agaggctgaa tatgcaggac agttggcaga actgaggcag agattggacc atgctgaggc 60
cgatag 66

<210> 2189
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2189
atcgtcagcg agtttgacct 20

<210> 2190
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2190
caggatggct tgggtgag 18

<210> 2191
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2191
cagcatccac gcattgacac agac 24

<210> 2192
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2192
atcgtcagcg agtttgacct tgtctgtgtc aatgcgtgga tgctggacct cacccaagcc 60
atcctg 66

<210> 2193
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2193
aagtgttttt ccccccttgag at 22

<210> 2194
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2194
ggccgatcga tagtctctct t 21

<210> 2195
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2195
tcatggtgct gcatagcaaa tatcca 26

<210> 2196
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2196
aagtgttttt ccccccttgag ataatggata tttgctatgc agcaccatga agaagagaga 60
ctatcgatcg gcc 73

<210> 2197
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2197
aggaccgtag ctgcacagac 20

<210> 2198
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2198
atcccatccc aatgcaga 18

<210> 2199
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2199
taccatggct gctgctcttc atcc 24

<210> 2200

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

<220>
<223> Synthetic oligonucleotide

<400> 2200
aggaccgtag ctgcacagac ataccatggc tgctgctctt catcctcttc tgcattggga 60
tgggat 66

<210> 2201
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2201
ggacattact ggcctgttca ca 22

<210> 2202
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2202
accaatactc aggagcagga tga 23

<210> 2203
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2203
tgcattccag cctcccattt cca 23

<210> 2204
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2204
ggacattact ggcctgttca caatgagctt gcattccagc ctcccatttc caatcatcct 60
gctcctgagt attggt 76

<210> 2205
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2205
taccgactga acccccaa 18

<210> 2206
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2206
gacatcaccc gctaggtttc 20

<210> 2207
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2207
tatcttacct ctaccgcctg ccgc 24

<210> 2208
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2208
taccgactga acccccaaga gtatcttacc tctaccgcct gccgccgaaa cctagcgggt 60
gatgtc 66

<210> 2209
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2209
ccgagttagc atatcccagg 20

<210> 2210
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2210
cctttgtgcc cagctgtc 18

<210> 2211
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2211
cccacccttg ctgtgttgag tctg 24

<210> 2212
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2212
ccgagttagc atatcccagg ctcgcagact caacacagca agggtgggag acagctgggc 60
acaaagg 67

<210> 2213
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2213
ggcatccagt gccagaac 18

<210> 2214
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2214
cgcgatgtag ctgtgcat 18

<210> 2215
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2215
cttcacagag gctgagcacc agga 24

<210> 2216
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2216
ggcatccagt gccagaaccc gctcttcaca gaggctgagc accaggacat gcacagctac 60
atcgcg 66

<210> 2217
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2217
cccaatcgga agcctaacta 20

<210> 2218
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2218
gtagggctgc tggaaggtaa 20

<210> 2219
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2219
tctggattag agtcctgcag ctcgc 25

<210> 2220
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2220
cccaatcgga agcctaacta cagcgagctg caggactcta atccagagtt taccttccag 60
cagccctac 69

<210> 2221
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2221
cgtttcctgc ttttggttct 20

<210> 2222
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2222
aggtagaagg cgcacgaa 18

<210> 2223
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2223
cccacctaag gcctacgccg acta 24

<210> 2224
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2224
cgtttcctgc ttttggttct tacagtagtc ggcgtaggcc ttaggtgggt tcgtgcgcct 60
tctacct 67

<210> 2225
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2225
tgaagagagg catgttggag 20

<210> 2226
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2226
aatagacaca tcggccacac 20

<210> 2227
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2227
tttgtcagca gtcacattgc ccaa 24

<210> 2228
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2228
tgaagagagg catgttggag acttgggcaa tgtgactgct gacaaagatg gtgtggccga 60
tgtgtctatt 70

<210> 2229
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2229
gcagatgagt ggaggctttc 20

<210> 2230
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2230
agcgagtgaa gagggctg 18

<210> 2231
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2231
atttccattg gcatcagcac tgga 24

<210> 2232
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2232
gcagatgagt ggaggctttc ttccagtgct gatgccaatg gaaatgccca gccctcttca 60
ctcgct 66

<210> 2233
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2233
agatgatctc gggagactgg 20

<210> 2234
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2234
gcgcccttca gtaggtga 18

<210> 2235
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2235
cgagtccagc atctccaacc tggt 24

<210> 2236
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2236
agatgatctc gggagactgg ctcgagtcca gcatctccaa cctggttttc acctactgaa 60

gggcgc 66

<210> 2237
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2237
tcttccctgt acactggcag ttc 23

<210> 2238
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2238
agctcggtgt gggagaggta 20

<210> 2239
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2239
tggaccagca ccccattgac gg 22

<210> 2240
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2240
tcttccctgt acactggcag ttcggccagc tggaccagca ccccattgac gggtacctct 60
cccacaccga gct 73

<210> 2241
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2241
ggcacagtgc aagtgatga 19

<210> 2242
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2242
gattgagctc tctcggcct 19

<210> 2243
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2243
acttcatccc aagccaggcc tttc 24

<210> 2244
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2244
ggcacagtgc aagtgatgac tacttcatcc caagccaggc ctttctggag gccgagagag 60
ctcaatc 67

<210> 2245
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2245
ccatccgcca gtattacaag 20

<210> 2246
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2246
gggtgcacga actggtaga 19

<210> 2247
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2247
atcatccgga agccagacat ctcc 24

<210> 2248
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2248
ccatccgcca gtattacaag aagggcatca tccggaagcc agacatctcc cagcgcctcg 60
tctaccagtt cgtgcaccc 79

<210> 2249

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

<220>
<223> Synthetic oligonucleotide

<400> 2249
ctgccatatg acccttccag 20

<210> 2250
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2250
gttgaaaact gcaccgcac 19

<210> 2251
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2251
accacgtctc ttcagaagcc tggg 24

<210> 2252
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2252
ctgccatatg acccttccag tcccaggctt ctgaagagac gtggtaagtg cggtgcagtt 60
ttcaac 66

<210> 2253
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2253
attcccagca caggctctgt 20

<210> 2254
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2254
agatggctac caccaccaca a 21

<210> 2255
<211> 26
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2255
ctgtcgcagt gttcctggtc atctgc 26

<210> 2256
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2256
attcccagca caggctctgt ggagatggct gtcgcagtgt tcctggtcat ctgcattgtg 60
gtggtggtag ccatct 76

<210> 2257
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2257
tcacacatgg aaagcgagg 19

<210> 2258
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2258
gttcaggtcc tgggcaac 18

<210> 2259
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2259
tgaatggtgc atacaaggcc atcc 24

<210> 2260
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2260
tcacacatgg aaagcgagga gttgaatggt gcatacaagg ccatccccgt tgcccaggac 60
ctgaac 66

<210> 2261
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2261
attttcgagg ccaaaaaatc 20

<210> 2262
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2262
cctgagcaag gatattcacg 20

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

<220>
<223> Synthetic oligonucleotide

<400> 2263
tgggcaagaa aaacatctca ttcctttg 28

<210> 2264
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2264
attttcgagg ccaaaaaatc attttactgg gcaagaaaaa catctcattc ctttgtcgtg 60
aatatccttg ctcagg 76

<210> 2265
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2265
tgaggagtgg tattttggca aga 23

<210> 2266
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2266
ctctcgggtt ctctgcattg a 21

<210> 2267
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 2267
aaccgctctg actcccgtct ggtg 24

<210> 2268
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2268
tgaggagtgg tattttggca agatcaccag acgggagtca gagcggttac tgctcaatgc 60
agagaacccg agag 74

<210> 2269
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2269
gggctggaat ctgtctagga 20

<210> 2270
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2270
ccatgactgc acaatggct 19

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

<220>
<223> Synthetic oligonucleotide

<400> 2271
cctctctcgg aggccacaga ggct 24

<210> 2272
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2272
gggctggaat ctgtctagga gccctctctc ggaggccaca gaggctgggg gtagccattg 60
tgcagtcatg g 71

<210> 2273
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2273
gtaggtctcc tggcgttctg 20

<210> 2274
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2274
tccctggaag ggtaggagta a 21

<210> 2275
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2275
agacaccact cagaatcccc aggc 24

<210> 2276
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2276
gtaggtctcc tggcgttctg ccagctggcc tggggattct gagtggtgtc tgcttagagt 60
ttactcctac ccttccaggg a 81

<210> 2277
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2277
cctgtcctgc cagagcat 18

<210> 2278
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2278
cagctgcaca aaactggc 18

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

<220>
<223> Synthetic oligonucleotide

<400> 2279

agtcacgagc acccagcgaa actt 24

<210> 2280
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2280
cctgtcctgc cagagcatgg atgaagtttc gctgggtgct cgtgactggc cagttttgtg 60
cagctg 66

<210> 2281
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2281
gggctcagct ttcagaagtg 20

<210> 2282
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2282
acatgttcag ctggtccaca 20

<210> 2283
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2283
tggcagtttt cttctgtcac caaaa 25

<210> 2284
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2284
gggctcagct ttcagaagtg ctgagttggc agttttcttc tgtcaccaaa agaggtctca 60
atgtggacca gctgaacatg t 81

<210> 2285
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2285
tcacatgcca ctttggtgtt 20

<210> 2286
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2286
cttgcaggaa gcggctatac 20

<210> 2287
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2287
tcctgggaga gattgaccag ca 22

<210> 2288
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2288
tcacatgcca ctttggtgtt tcataatctc ctgggagaga ttgaccagca gtatagccgc 60
ttcctgcaag 70

<210> 2289
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2289
gaggcgctca acatgaaatt c 21

<210> 2290
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2290
gccaggaaca cgaggttctc 20

<210> 2291
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2291
cggttgctct gcacttcggc ct 22

<210> 2292

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

<220>
<223> Synthetic oligonucleotide

<400> 2292
gaggcgctca acatgaaatt caaggccgaa gtgcagagca accggggcct gaccaaggag 60
aacctcgtgt tcctggc 77

<210> 2293
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2293
ccagtggtgg tgatcgttca 20

<210> 2294
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2294
gcaaaagcat tgtcccagag a 21

<210> 2295
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2295
cagccaggac aacaatgcga cgg 23

<210> 2296
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2296
ccagtggtgg tgatcgttca tggcagccag gacaacaatg cgacggccac tgttctctgg 60
gacaatgctt ttgc 74

<210> 2297
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2297
aatacccaac gcacaaatga 20

<210> 2298
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2298
ggagacaatg caaaccacac 20

<210> 2299
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2299
cacgttctct gccccgtttc ttg 23

<210> 2300
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2300
aatacccaac gcacaaatga ccgcacgttc tctgccccgt ttcttgcccc agtgtggttt 60
gcattgtctc c 71

<210> 2301
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2301
gaagatccct ttcctcctac tgttc 25

<210> 2302
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2302
ggatgatgtt cggccttgat 20

<210> 2303
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2303
ctgcgtggct ctcggcttcc ca 22

<210> 2304
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2304
gaagatccct ttcctcctac tgttctttct gtgggaagcc gagagccacg cagcatcaag 60
gccgaacatc atcc 74

<210> 2305
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2305
tgcagttgta gggagtctgg 20

<210> 2306
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2306
tctcaagaat tgccgttgac 20

<210> 2307
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2307
taccgtgcca gcagaagcca aag 23

<210> 2308
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2308
tgcagttgta gggagtctgg ttaccgtgcc agcagaagcc aaagaaagag tcaacggcaa 60
ttcttgaga 69

<210> 2309
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2309
gtgaagccac cgtcatcatg 20

<210> 2310
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2310
ccttccttct tatcccccaa gt 22

<210> 2311
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2311
ctgaccagga ggcaaaacct tcaactga 28

<210> 2312
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2312
gtgaagccac cgtcatcatg tctgaccagg aggcaaaacc ttcaactgag gacttggggg 60
ataagaagga agg 73

<210> 2313
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2313
acttgcccag cacaagga 18

<210> 2314
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2314
gacaccatcc gtgtcacatc 20

<210> 2315
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2315
accccaggac tgatgtcaag gcat 24

<210> 2316
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2316
acttgcccag cacaaggaag accccaggac tgatgtcaag gcatacgatg tgacacggat 60
ggtgtc 66

<210> 2317
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2317
gcgctccact ctcagtcttt 20

<210> 2318
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2318
cttgtgctca tggtgatggt 20

<210> 2319
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2319
agcctccaaa cacagtgacc acca 24

<210> 2320
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2320
gcgctccact ctcagtcttt actaaggaat ctacagcctc caaacacagt gaccaccatc 60
accaccatca ccatgagcac aag 83

<210> 2321
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2321
gagcaacacg attctggga 19

<210> 2322
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2322
ggcaccgtta accagctaaa t 21

<210> 2323
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2323
tcttcatggt gttcccctcc tgg 23

<210> 2324
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2324
gagcaacacg attctgggat cccaggaggg gaacaccatg aagactaacg acacatacat 60
gaaatttagc tggttaacgg tgcc 84

<210> 2325
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2325
gcccgaaacg ccgaatata 19

<210> 2326
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2326
cgtggctctc ttatcctcat gat 23

<210> 2327
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2327
taccgcagca aaccgcttgg g 21

<210> 2328
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2328
gcccgaaacg ccgaatataa tcccaagcgg tttgctgcgg taatcatgag gataagagag 60

ccacg 65

<210> 2329
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2329
tgcgaagtgc ttttgtttgt 20

<210> 2330
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2330
gccttccaga cagtctccat 20

<210> 2331
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2331
cgcaccagca tggcaataag cttt 24

<210> 2332
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2332
tgcgaagtgc ttttgtttgt ttgttttcgt ttggttaaag cttattgcca tgctggtgcg 60
gctatggaga ctgtctggaa ggc 83

<210> 2333
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2333
gccctcccag tgtgcaaat 19

<210> 2334
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2334
cgtcgatggt attaggatag aagca 25

<210> 2335
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2335
tgctgtttcg acgacaccgt tcg 23

<210> 2336
<211> 86
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2336
gccctcccag tgtgcaaata agggctgctg tttcgacgac accgttcgtg gggtcccctg 60
gtgcttctat cctaatacca tcgacg 86

<210> 2337
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2337
aggcactgtt catctcagtt tttct 25

<210> 2338
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2338
catcaggctc cagatatgaa ctttc 25

<210> 2339
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2339
cagaagcgct tgccgggagc aaagg 25

<210> 2340
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2340
aggcactgtt catctcagct tttctgtccc tttgctcccg gcaagcgctt ctgctgaaag 60
ttcatatctg gagcctgatg 80

<210> 2341

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

<220>
<223> Synthetic oligonucleotide

<400> 2341
ggtgtgccac agaccttcct 20

<210> 2342
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2342
acggagttct tgacagagtt ttga 24

<210> 2343
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2343
ttggcctgta atcacctgtg cagcctt 27

<210> 2344
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2344
ggtgtgccac agaccttcct acttggcctg taatcacctg tgcagccttt tgtgggcctt 60
caaaactctg tcaagaactc cgt 83

<210> 2345
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2345
gctactttga gcgcttctcg 20

<210> 2346
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2346
ggtcaccatc ttgtgtcgg 19

<210> 2347
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2347
caagatgtgg cttctgcaac cagc 24

<210> 2348
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2348
gctactttga gcgcttctcg ccaagatgtg gcttctgcaa ccagcccatc cgacacaaga 60
tggtgacc 68

<210> 2349
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2349
accagtcccc cagaagacta 20

<210> 2350
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2350
cctggtgctg ttgtagatgg 20

<210> 2351
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2351
tcctgagccc gaggaagtcc c 21

<210> 2352
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2352
accagtcccc cagaagacta tcctgagccc gaggaagtcc ccccggaggt gatttccatc 60
tacaacagca ccagg 75

<210> 2353
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2353
ggatcgagct cttccagatc ct 22

<210> 2354
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2354
gccaccgata tagcgctgtt 20

<210> 2355
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2355
cggccagatg agcacattgc c 21

<210> 2356
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2356
ggatcgagct cttccagatc cttcggccag atgagcacat tgccaaacag cgctatatcg 60
gtggc 65

<210> 2357
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2357
aacaccaatg ggttccatct 20

<210> 2358
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2358
cctcttcatc aggccaaact 20

<210> 2359
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 2359
ttctgggctc ctgattgctc aagc 24

<210> 2360
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2360
aacaccaatg ggttccatct ttctgggctc ctgattgctc aagcacagtt tggcctgatg 60
aagagg 66

<210> 2361
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2361
caagactggc tacatcagag tcttagtg 28

<210> 2362
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2362
cagcgtaggt ttggtcatag atagg 25

<210> 2363
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2363
tgagtctgcc atgacctgtt ttccttcat 29

<210> 2364
<211> 86
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2364
caagactggc tacatcagag tcttagtgca tgaaggaaaa caggtcatgg cagactcagg 60
acctatctat gaccaaacct acgctg 86

<210> 2365
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2365
ggacaagacc ctctcaggct 20

<210> 2366
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2366
ttggaggctg tgggtcag 18

<210> 2367
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2367
caagctccca agagcttcca gagc 24

<210> 2368
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2368
ggacaagacc ctctcaggct gtcccaagct cccaagagct tccagagctc tgacccacag 60
cctccaa 67

<210> 2369
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2369
gtccctggct gaaaatgg 18

<210> 2370
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2370
gggctcccga agtcttcta 19

<210> 2371
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2371

tggagccctt ctcccaagat ggta 24

<210> 2372
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2372
gtccctggct gaaaatggcc tggagccctt ctcccaagat ggtaccctag aagacttcgg 60
gagccc 66

<210> 2373
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2373
tcaccctctg tgacttcatc gt 22

<210> 2374
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2374
tgtggttcag gctcttcttc tg 22

<210> 2375
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2375
ccctgggaca ccctgagcac ca 22

<210> 2376
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2376
tcaccctctg tgacttcatc gtgccctggg acaccctgag caccacccag aagaagagcc 60
tgaaccaca 69

<210> 2377
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2377
ctacctgcct tgctttgtga 20

<210> 2378
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2378
accgaaattg gagagcatgt 20

<210> 2379
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2379
ccaagaacga gtgtctctgg accg 24

<210> 2380
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2380
ctacctgcct tgctttgtga cttccaagaa cgagtgtctc tggaccgaca tgctctccaa 60
tttcggt 67

<210> 2381
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2381
gccgggaaga ccgtaattgt 20

<210> 2382
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2382
cagcggcacc aggttcag 18

<210> 2383
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2383
caaatggctt cctctggaag gtccca 26

<210> 2384

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

<220>
<223> Synthetic oligonucleotide

<400> 2384
gccgggaaga ccgtaattgt ggctgcactg gatgggacct tccagaggaa gccatttggg 60
gccatcctga acctggtgcc gctg 84

<210> 2385
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2385
ggacagtgtg cacctcaaag 20

<210> 2386
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2386
ctcccacgag gaaggtcc 18

<210> 2387
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2387
aagcactgtg catcaccttg accc 24

<210> 2388
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2388
ggacagtgtg cacctcaaag actaagaaag cactgtgcat caccttgacc ctggggacct 60
tcctcgtggg ag 72

<210> 2389
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2389
gaggcggagg gcgag 15

<210> 2390
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2390
actggtcctc actcacaact 20

<210> 2391
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2391
taaggcttcc tgccgcgctc ca 22

<210> 2392
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2392
gaggcggagg cggagggcga ggggcgggga gcgccgcctg gagcgcggca ggaagcctta 60
tcagttgtga gtgaggacca gt 82

<210> 2393
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2393
gaggcggagg gcgag 15

<210> 2394
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2394
ttcctcgggt ctccaaagat 20

<210> 2395
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2395
cctggaataa cctgccgcgc 20

<210> 2396
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2396
gaggcggagg gcgaggggcg gggagcgccg cctggagcgc ggcaggttat tccaggatct 60
ttggagaccc gaggaa 76

<210> 2397
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2397
ggagaagggt gaccgactca 20

<210> 2398
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2398
tgcccagact cggcaaag 18

<210> 2399
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2399
cgctgagatc aatcggcccg acta 24

<210> 2400
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2400
ggagaagggt gaccgactca gcgctgagat caatcggccc gactatctcg actttgccga 60
gtctgggca 69

<210> 2401
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2401
tgcacagagg gtgtgggtta c 21

<210> 2402
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2402
tcttcatctg atttacaagc tgtacatg 28

<210> 2403
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2403
caatgcttcc aacaatttgt ttgcttgcc 29

<210> 2404
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2404
tgcacagagg gtgtgggtta caccaatgct tccaacaatt tgtttgcttg cctcccatgt 60
acagcttgta aatcagatga aga 83

<210> 2405
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2405
ctctgagaca gtgcttcgat gact 24

<210> 2406
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2406
ccatgaggcc caacttcct 19

<210> 2407
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2407
cagacttggt gccctttgac tcc 23

<210> 2408
<211> 84
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2408
ctctgagaca gtgcttcgat gactttgcag acttggtgcc ctttgactcc tgggagccgc 60
tcatgaggaa gttgggcctc atgg 84

<210> 2409
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2409
cagaagctgc cagttccc 18

<210> 2410
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2410
cacccacagg tctcccag 18

<210> 2411
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2411
ccttctcctc tgccgatcgc tc 22

<210> 2412
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2412
cagaagctgc cagttccccg aggaagagcg gggcgagcga tcggcagagg agaaggggcg 60
gctgggagac ctgtgggtg 79

<210> 2413
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2413
cttcacagtg ctcctgcagt ct 22

<210> 2414
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2414
catctgcttc agctcgttgg t 21

<210> 2415
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2415
aagtacacgt aagttacagc cacaca 26

<210> 2416
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2416
cttcacagtg ctcctgcagt ctctctgtgt ggctgtaact tacgtgtact ttaccaacga 60
gctgaagcag atg 73

<210> 2417
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2417
aactgcatgt gggctatgg 19

<210> 2418
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2418
tgacaccctc tccacttcag 20

<210> 2419
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2419
acatgaccag ggaccaaccc ctc 23

<210> 2420
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2420
aactgcatgt gggctatggg aggggttggt ccctggtcat gtgccccttc gcagctgaag 60

tggagagggt gtca 74

<210> 2421
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2421
aatccaaggg ggagagtgat 20

<210> 2422
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2422
gtacagattt tgcccgagga 20

<210> 2423
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2423
catatggact ttgactcagc tgtggc 26

<210> 2424
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2424
aatccaaggg ggagagtgat gacttccata tggactttga ctcagctgtg gctcctcggg 60
caaaatctgt ac 72

<210> 2425
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2425
ctttgaaccc ttgcttgcaa 20

<210> 2426
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2426
cccgggacaa agcaaatg 18

<210> 2427
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2427
aagtcctggg tgcttctgac gcaca 25

<210> 2428
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2428
ctttgaaccc ttgcttgcaa taggtgtgcg tcagaagcac ccaggacttc catttgcttt 60
gtcccggg 68

<210> 2429
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2429
ccccaagcag tgcctctaca 20

<210> 2430
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2430
gaatcgcaca gcatcaataa cac 23

<210> 2431
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2431
cccgggtctc actggagccc a 21

<210> 2432
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2432
ccccaagcag tgcctctaca gtcagtgtgg gctccagtga gacccggggt gagcgtgtta 60
ttgatgctgt gcgattc 77

<210> 2433

<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2433
gcctgtgaga ttcctacctt tg 22

<210> 2434
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2434
atgtgcttgg acctcgctt 19

<210> 2435
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2435
tctgctaccc actgccagat gctg 24

<210> 2436
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2436
gcctgtgaga ttcctacctt tgttctgcta cccactgcca gatgctgcaa gcgaggtcca 60
agcacat 67

<210> 2437
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2437
tctctgagct ctgcatttgt c 21

<210> 2438
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2438
ggctctaagg caggatgcta 20

<210> 2439
<211> 25
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2439
ttctccagct gaccctggtt ctctc 25

<210> 2440
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2440
tctctgagct ctgcatttgt ctattctcca gctgaccctg gttctctctc ttagcatcct 60
gccttagagc c 71

<210> 2441
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2441
aggagatgca gctgaaggag 20

<210> 2442
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2442
ccacctcttc atatttgcgg 20

<210> 2443
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2443
ccaagcacat cgctgaggat tcag 24

<210> 2444
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2444
aggagatgca gctgaaggag gccaagcaca tcgctgagga ttcagaccgc aaatatgaag 60
aggtgg 66

<210> 2445
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2445
taaccgtggc atctacctcc 20

<210> 2446
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2446
atgccaacgc catgatct 18

<210> 2447
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2447
atcctgttca ggtggctgca cctt 24

<210> 2448
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2448
taaccgtggc atctacctcc gagatcctgt tcaggtggct gcaccttcag atcatggcgt 60
tggcat 66

<210> 2449
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2449
tcagctgtga gctgcggata 20

<210> 2450
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2450
acggtcctag gtttgaggtt aaga 24

<210> 2451
<211> 19
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 2451
caggtcccat tgccgggcg 19

<210> 2452
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2452
tcagctgtga gctgcggata ccgcccggca atgggacctg ctcttaacct caaacctagg 60
accgt 65

<210> 2453
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2453
gcaaatccag atcccaacac 20

<210> 2454
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2454
cttcacgaag atccctctct g 21

<210> 2455
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2455
aactgaggcc aaacactcca aggc 24

<210> 2456
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2456
gcaaatccag atcccaacac ttgccttgga gtgtttggcc tcagtttgta cacaacagag 60
agggatcttc gtgaag 76

<210> 2457
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2457
cctcacagga accgagca 18

<210> 2458
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2458
ctggggctgg gaatcata 18

<210> 2459
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2459
tggatctgcc aaccatagac acgg 24

<210> 2460
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2460
cctcacagga accgagcagg cctggatctg ccaaccatag acacgggata tgattcccag 60
ccccag 66

<210> 2461
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2461
caagaaaagc accaagagcc 20

<210> 2462
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2462
atgtccgcgt gattctgc 18

<210> 2463
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2463

agtgctgagc cacgaattcg tcc 23

<210> 2464
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2464
caagaaaagc accaagagcc ccccagtgct gagccacgaa ttcgtcctgc agaatcacgc 60
ggacat 66

<210> 2465
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2465
ttaccagtgg ctttcagatg g 21

<210> 2466
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2466
tgtcccggtt ctaactccc 19

<210> 2467
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2467
ttcggcgatt tcaaacactc caga 24

<210> 2468
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2468
ttaccagtgg ctttcagatg gttctggagt gtttgaaatc gccgaagctt cgggagttag 60
aaccgggaca 70

<210> 2469
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2469
cattcgcctt aaggaaagca 20

<210> 2470
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2470
caaggtacct ggcttggtg 19

<210> 2471
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2471
aactgccagc tctcagaccc ttcc 24

<210> 2472
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2472
cattcgcctt aaggaaagca taaactgcca gctctcagac ccttccagca ccaagccagg 60
taccttg 67

<210> 2473
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2473
gcaactgcca cccatacag 19

<210> 2474
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2474
tggtgtggat actggctgtc 20

<210> 2475
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2475
ccacccaagg ccaaattacc aatg 24

<210> 2476

<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2476
gcaactgcca cccatacagc taccacccaa ggccaaatta ccaatgagac agccagtatc 60
cacacca 67

<210> 2477
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2477
cgagagccag gactatctgc 20

<210> 2478
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2478
tagccgtagc aaggcagc 18

<210> 2479
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2479
cttctcccag ctccgagtcc atg 23

<210> 2480
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2480
cgagagccag gactatctgc tcatggactc ggagctggga gaagacggct gcccgcaagc 60
cccgctgcct tgctacggct a 81

<210> 2481
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2481
ccgtagtccc tgcaacctc 19

<210> 2482
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2482
tcctcactgt tcacacaggc 20

<210> 2483
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2483
actttgggga gcacccttg tcct 24

<210> 2484
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2484
ccgtagtccc tgcaacctca tctactttgg ggagcaccct ttgtcctttg ctgcctgtgt 60
gaacagtgag ga 72

<210> 2485
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2485
caatttggac ttctggagga a 21

<210> 2486
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2486
cacctcaaag gccgagtg 18

<210> 2487
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2487
aacgtgcaca tgaacgacaa cgtc 24

<210> 2488
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2488
caatttggac ttctggagga aaaacgtgca catgaacgac aacgtcctgc actcggcctt 60
tgaggtg 67

<210> 2489
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2489
cgaggacgag gcttaaaaac 20

<210> 2490
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2490
accatgcttg aggacaacag 20

<210> 2491
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2491
tctcagatca atcgtgcatc cttagtgaa 29

<210> 2492
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2492
cgaggacgag gcttaaaaac ttctcagatc aatcgtgcat ccttagtgaa cttctgttgt 60
cctcaagcat ggt 73

<210> 2493
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2493
ctatatgcag ccagagatgt gaca 24

<210> 2494
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2494
ccacgagttt cttactgaga atgg 24

<210> 2495
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2495
acagcctgcc actcatcaca gcc 23

<210> 2496
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2496
ctatatgcag ccagagatgt gacagccacc gtggacagcc tgccactcat cacagcctcc 60
attctcagta agaaactcgt gg 82

<210> 2497
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2497
gcctcggtgt gcctttca 18

<210> 2498
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2498
cgtgatgtgc gcaatcatg 19

<210> 2499
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2499
catcgccagc tacgccctgc tc 22

<210> 2500
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2500
gcctcggtgt gcctttcaac atcgccagct acgccctgct cacgtacatg attgcgcaca 60
tcacg 65

<210> 2501
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2501
ctggagacgg tcgtagctg 19

<210> 2502
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2502
gccaagcttt gtagaaatag gg 22

<210> 2503
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2503
tacctgtaaa cctttctcgg cgcg 24

<210> 2504
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2504
ctggagacgg tcgtagctgc ggtcgcgccg agaaaggttt acaggtacat acattacacc 60
cctatttcta caaagcttgg c 81

<210> 2505
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2505
tgtctggcga taaagggatt 20

<210> 2506
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2506
atggtcccta cccatttgaa 20

<210> 2507
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2507
tctgccttcc ctgaatcaga caacc 25

<210> 2508
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2508
tgtctggcga taaagggatt tctgccttcc ctgaatcaga caacctttc aaatgggtag 60
ggaccat 67

<210> 2509
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2509
tgacactgaa cgaggtggc 19

<210> 2510
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2510
aagcagagag gaatcgcct 19

<210> 2511
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2511
ttgtcccacc agtgcctcat cagt 24

<210> 2512
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2512
tgacactgaa cgaggtggct tttgtcccac cagtgcctca tcagtgtgag gcgattcctc 60

tctgctt 67

<210> 2513
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2513
tgttctcaaa ttgccaccaa 20

<210> 2514
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2514
agaggtcaac acagttgcga 20

<210> 2515
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2515
aggtgcttgg agaccatccc tcaa 24

<210> 2516
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2516
tgttctcaaa ttgccaccaa aaggtgcttg gagaccatcc ctcaacatcg caactgtgtt 60
gacctct 67

<210> 2517
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2517
gaaactccag agggccaga 19

<210> 2518
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2518
ctctgggaac ccagtgctc 19

<210> 2519
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2519
tatacagcac acagggcctg caca 24

<210> 2520
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2520
gaaactccag agggccagag agctgtgcag gccctgtgtg ctgtatatga gcactgggtt 60
cccagag 67

<210> 2521
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2521
aagcctgaag tggaatgact g 21

<210> 2522
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2522
cctccattta aaaccctcca 20

<210> 2523
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2523
aaagatggga ctcctccttt atttcagca 29

<210> 2524
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2524
aagcctgaag tggaatgact gaaagatggg actcctcctt tatttcagca tggagggttt 60
taaatggagg 70

<210> 2525

<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2525
ttgagtttgt catgcgcc 18

<210> 2526
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2526
tccaggtgag gttgtggg 18

<210> 2527
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2527
acccgaaggt gcttggctcc ttta 24

<210> 2528
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2528
ttgagtttgt catgcgccat aaaggagcca agcaccttcg ggtcgcagcc cacaacctca 60
cctgga 66

<210> 2529
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2529
ctacaggggc aaacagatgg 20

<210> 2530
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2530
ggtgtcattc aggcggac 18

<210> 2531
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2531
cggccatacc ctcttcgact acga 24

<210> 2532
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2532
ctacaggggc aaacagatgg aggacggcca taccctcttc gactacgagg tccgcctgaa 60
tgacacc 67

<210> 2533
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2533
gattgcacaa aaatgccaag 20

<210> 2534
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2534
ggaaagcaga cattctgatc c 21

<210> 2535
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2535
tcgaaattgt cctcatttca agaatgca 28

<210> 2536
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2536
gattgcacaa aaatgccaag ttcgaaattg tcctcatttc aagaatgcag tgagtggatc 60
agaatgtctg ctttcc 76

<210> 2537
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2537
tggcttcagg agctgaatac c 21

<210> 2538
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2538
tgctgtcgtg atgagaaaat agtg 24

<210> 2539
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2539
caggcacaca caggtgggac acaaat 26

<210> 2540
<211> 89
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2540
tggcttcagg agctgaatac cctcccaggc acacacaggt gggacacaaa taagggtttt 60
ggaaccacta ttttctcatc acgacagca 89

<210> 2541
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2541
gataccacaa ctcccatcaa gct 23

<210> 2542
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2542
tccctgttag gcgcatcag 19

<210> 2543
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 2543
agtggcagcc acggcgcc 18

<210> 2544
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2544
gataccacaa ctcccatcaa gctgttggca gtggcagcca cggcgcctcc tgatgcgcct 60
aacaggga 68

<210> 2545
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2545
tttctcccag taccattcgt g 21

<210> 2546
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2546
tgaataggga gccttggtag g 21

<210> 2547
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2547
tggtccatcc tctgcacctg ctac 24

<210> 2548
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2548
tttctcccag taccattcgt gatggtccat cctctgcacc tgctacacct accaaggctc 60
cctattca 68

<210> 2549
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2549
cctctccttc cagcctgagt 20

<210> 2550
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2550
tcattgccaa acacttcgag 20

<210> 2551
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2551
cagcatgaag ctaacgcccc ttgt 24

<210> 2552
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2552
cctctccttc cagcctgagt gcagcatgaa gctaacgccc cttgtgctcg aagtgtttgg 60
caatga 66

<210> 2553
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2553
ctgctgtctt gggtgcattg 20

<210> 2554
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2554
gcagcctggg accacttg 18

<210> 2555
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2555

ttgccttgct gctctacctc cacca 25

<210> 2556
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2556
ctgctgtctt gggtgcattg gagccttgcc ttgctgctct acctccacca tgccaagtgg 60
tcccaggctg c 71

<210> 2557
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2557
tgacgatggc ctggagtgt 19

<210> 2558
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2558
ggtaccggat catgaggatc tg 22

<210> 2559
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2559
ctgggcagca ccaagtccgg a 21

<210> 2560
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2560
tgacgatggc ctggagtgtg tgcccactgg gcagcaccaa gtccggatgc agatcctcat 60
gatccggtac c 71

<210> 2561
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2561
cctcagcaag acgttatttg aaatt 25

<210> 2562
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2562
aagtgtgatt ggcaaaactg attg 24

<210> 2563
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2563
cctctctctc aaggccccaa accagt 26

<210> 2564
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2564
cctcagcaag acgttatttg aaattacagt gcctctctct caaggcccca aaccagtaac 60
aatcagtttt gccaatcaca ctt 83

<210> 2565
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2565
tgcccttaaa ggaaccaatg a 21

<210> 2566
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2566
gcttcaacgg caaagttctc tt 22

<210> 2567
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2567
atttcacgca tctggcgttc ca 22

<210> 2568

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

<220>
<223> Synthetic oligonucleotide

<400> 2568
tgcccttaaa ggaaccaatg agtccctgga acgccagatg cgtgaaatgg aagagaactt 60
tgccgttgaa gc 72

<210> 2569
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2569
acgttatgca cccctgtctt 20

<210> 2570
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2570
ccgatggagt ttagcaaggt 20

<210> 2571
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2571
cgaaacccca tgatgtctaa gcttcg 26

<210> 2572
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2572
acgttatgca cccctgtctt tccgaaaccc catgatgtct aagcttcgaa actaccggaa 60
ggaccttgct aaactccatc gg 82

<210> 2573
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2573
gagtggccca gatgtccata 20

<210> 2574
<211> 19

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2574
gatgcttgag ggcttggtt 19

<210> 2575
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2575
cccctcgacg tatgtctccc attc 24

<210> 2576
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2576
gagtggccca gatgtccata agaatgggag acatacgtcg aggggttaac caagccctca 60
agcatc 66

<210> 2577
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2577
acccctgctc tgtccctc 18

<210> 2578
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2578
ataccttcgg ccacgtcac 19

<210> 2579
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2579
ctatgagtgc cacatcctga gccc 24

<210> 2580
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2580
acccctgctc tgtccctcgg gctatgagtg ccacatcctg agcccaggtg acgtggccga 60
aggtat 66

<210> 2581
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2581
agaggcatcc atgaacttca ca 22

<210> 2582
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2582
caaactccac agtacttggg ttga 24

<210> 2583
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2583
cgggctgcat cagcacacgc 20

<210> 2584
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2584
agaggcatcc atgaacttca cacttgcggg ctgcatcagc acacgctcct atcaacccaa 60
gtactgtgga gtttg 75

<210> 2585
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2585
gtatcaggac cacatgcagt acatc 25

<210> 2586
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2586
tgtcggaatt gatactggca tt 22

<210> 2587
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2587
ttgatgcctg tcttcgcgcc ttct 24

<210> 2588
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2588
gtatcaggac cacatgcagt acatcggaga aggcgcgaag acaggcatca aagaatgcca 60
gtatcaattc cgaca 75

<210> 2589
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2589
atcgcagctg gtgggtgtac 20

<210> 2590
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2590
agctccctgt tgcatggact t 21

<210> 2591
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2591
ctgctgttta ccttggcgag gcctttc 27

<210> 2592
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2592
atcgcagctg gtgggtgtac acactgctgt ttaccttggc gaggcctttc accaagtcca 60
tgcaacaggg agct 74

<210> 2593
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2593
gcagttggaa gacacaggaa agt 23

<210> 2594
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2594
tgcgtggcac tattttcaag a 21

<210> 2595
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2595
tccccaaatt gcagatttat caacggc 27

<210> 2596
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2596
gcagttggaa gacacaggaa agtatcccca attgcagat ttatcaacgg cttttatctt 60
gaaaatagtg ccacgca 77

<210> 2597
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2597
agcccacttc agcgtctc 18

<210> 2598
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2598
agcaggattc acacttccaa c 21

<210> 2599
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2599
tctggctgaa ggcagtgtca cctc 24

<210> 2600
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2600
agcccacttc agcgtctcca gtctggctga aggcagtgtc acctctgttg gaagtgtgaa 60
tcctgct 67

<210> 2601
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2601
acccgggcaa caagaagt 18

<210> 2602
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2602
gaccgagaac tcgccctc 18

<210> 2603
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2603
ttgatctgca cctgcttctg ctcc 24

<210> 2604
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2604
acccgggcaa caagaagtgg gagcagaagc aggtgcagat caagaccctg gagggcgagt 60

tctcggtc 68

<210> 2605
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2605
ctgtggagcc tctgcctg 18

<210> 2606
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2606
ggagcagggt tggattgag 19

<210> 2607
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2607
acctggccca actctaccag catc 24

<210> 2608
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2608
ctgtggagcc tctgcctgcg gacctggccc aactctacca gcatcagctc aatccaaccc 60
tgctcc 66

<210> 2609
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2609
cattaaccca ctcccctga 19

<210> 2610
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2610
cccccaccat catgaatact 20

<210> 2611
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2611
caggtcccca agtgtgcaag ctc 23

<210> 2612
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2612
cattaaccca ctcccctgac ctcacgctgg ggcaggtccc caagtgtgca agctcagtat 60
tcatgatggt ggggg 75

<210> 2613
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2613
ggtctgggcc aaactgaag 19

<210> 2614
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2614
tgcccgtctt tatcccttag 20

<210> 2615
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2615
cttttgcagg ccagaatgga aacc 24

<210> 2616
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2616
ggtctgggcc aaactgaagg ggtttccatt ctggcctgca aaagctctaa gggataaaga 60
cgggca 66

<210> 2617

<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2617
cgaagggact ctgctcca 18

<210> 2618
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2618
gcaggaggtc ctcagaagg 19

<210> 2619
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2619
aggaggttcc acactcgcca gttc 24

<210> 2620
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2620
cgaagggact ctgctccagt gaactggcga gtgtggaacc tcctgacacc ttctgaggac 60
ctcctgc 67

<210> 2621
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2621
tgcctgagga ccctctacc 19

<210> 2622
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2622
gaggtggcgg agtgacttt 19

<210> 2623
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2623
cccgccttca gagaagaaac caga 24

<210> 2624
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2624
tgcctgagga ccctctaccg cccccgcctt cagagaagaa accagaaaaa gtcactccgc 60
cacctc 66

<210> 2625
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2625
tagaggccat caaaattggc 20

<210> 2626
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2626
tccgtttcct ctgggctt 18

<210> 2627
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2627
accaaggccc tgactcagat ggag 24

<210> 2628
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2628
tagaggccat caaaattggc ctcaccaagg ccctgactca gatggaggaa gcccagagga 60
aacgga 66

<210> 2629
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2629
uggaauguaa agaaguaugu au 22

<210> 2630
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2630
gcagcauugu acagggcuau ga 22

<210> 2631
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2631
uaaagugcug acagugcaga u 21

<210> 2632
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2632
uacccuguag auccgaauuu gug 23

<210> 2633
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2633
uuuggucccc uucaaccagc ug 22

<210> 2634
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2634
uaacacuguc ugguaaagau gg 22

<210> 2635
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2635
guccaguuuu cccaggaauc ccu 23

<210> 2636
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2636
ugagaacuga auuccauagg cu 22

<210> 2637
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2637
ucucccaacc cuuguaccag ug 22

<210> 2638
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2638
ucagugcaug acagaacuug g 21

<210> 2639
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2639
uuaaugcuaa ucgugauagg ggu 23

<210> 2640
<211> 24
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2640
uuuggcaaug guagaacuca cacu 24

<210> 2641
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2641
caacggaauc ccaaaagcag cug 23

<210> 2642
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2642
uguaaacauc cucgacugga ag 22

<210> 2643
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2643
uaauacugcc ggguaaugau gga 23

<210> 2644
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2644
uccuucauuc caccggaguc ug 22

<210> 2645
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2645
uggaauguaa ggaagugugu gg 22

<210> 2646
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2646
uagcuuauca gacugauguu ga 22

<210> 2647
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2647
cugugcgugu gacagcggcu ga 22

<210> 2648
<211> 22

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2648
aagcugccag uugaagaacu gu 22

<210> 2649
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2649
agcuacaucu ggcuacuggg u 21

<210> 2650
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2650
uucaaguaau ccaggauagg cu 22

<210> 2651
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2651
uucacagugg cuaaguuccg c 21

<210> 2652
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2652
uucacagugg cuaaguucug c 21

<210> 2653
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2653
uagcaccauu ugaaaucagu guu 23

<210> 2654
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2654
cuuucagucg gauguuugca gc 22

<210> 2655
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2655
cuuucagucg gauguuuaca gc 22

<210> 2656
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2656
aggcaagaug cuggcauagc u 21

<210> 2657
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2657
gccccugggc cuauccuaga a 21

<210> 2658
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2658
aaugacacga ucacucccgu uga 23

<210> 2659
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2659
uggcagugua uuguuagcug gu 22

<210> 2660
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2660
uccuguacug agcugccccg ag 22

<210> 2661
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2661
uauugcacuu gucccggccu gu 22

<210> 2662
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2662
caaagugcug uucgugcagg uag 23

<210> 2663
<211> 22
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

<400> 2663
aacccguaga uccgaucuug ug 22