

20661004PCT_SEQLIST_FINAL
SEQUENCE LISTING

<110> DOTS Technology Corp.

<120> SYSTEMS AND METHODS FOR ALLERGEN DETECTION

<130> 2066.1004PCT

<140> PCT/USXX/XXXXXX

<141> 2017-03-10

<150> US 62/308,376

<151> 2016-03-15

<150> US 62/308,377

<151> 2016-03-15

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<170> PatentIn version 3.5

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<212> DNA

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<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 103

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cauagc 66

<210> 104

<211> 65

<212> DNA

<213> Artificial Sequence

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<400> 104

ccacctgatg agttcactgg ctgcacccac caccgcgttc cacgaaacgt ggtgaaagcc 60

aaagg 65

<210> 105

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 105

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ggua 64

<210> 106

<211> 66

<212> DNA

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<220>

<223> Signaling Polynucleotide

<400> 106

20661004PCT_SEQLIST_FINAL

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agguau 66

<210> 107

<211> 66

<212> DNA

<213> Artificial Sequence

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<400> 107

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aaaauag 66

<210> 108

<211> 65

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 108

uacctgatga gttcactggc tgcacccacc accgcgttcc acgaaacgtg gtgaaagcca 60

aagua 65

<210> 109

<211> 94

<212> DNA

<213> Artificial Sequence

<220>

<223> Aptamer

<400> 109

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<210> 110

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 <400> 110
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 <210> 111
 <211> 46
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 <220>
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 <210> 112
 <211> 49
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <210> 113
 <211> 48
 <212> DNA
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 <220>
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 <400> 113
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 <210> 114

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

 <220>
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 <400> 114
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 <210> 115
 <211> 42
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 115
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 <210> 116
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 <213> Artificial Sequence

 <220>
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 <400> 116
 ucgatgagca tccacggtga cgctaattccc acgttcgaga 40

 <210> 117
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20661004PCT_SEQLIST_FINAL

<211> 94
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<220>
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<400> 118
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<210> 119
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<400> 119
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<210> 120
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<220>
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<400> 120
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<210> 121
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<220>
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<400> 121
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<210> 122
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 <400> 122
 gagacaatgc agatgcgccc accacggatc actc 34

 <210> 123
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 <220>
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 <400> 123
 gacacaatgc agatgcgccc accacggatc actcguc 37

 <210> 124
 <211> 61
 <212> DNA
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 <220>
 <223> Signaling Polynucleotide

 <400> 124
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 g 61

 <210> 125
 <211> 94
 <212> DNA
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 <220>
 <223> Aptamer

 <400> 125

20661004PCT_SEQLIST_FINAL

taatacgact cactataggc gtagcctgat gagcaaccaa gcacgctgca tcacgtttca 60

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<210> 126

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 126

caaccaagca cgctgcatca cgtttcatcg 30

<210> 127

<211> 46

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 127

gagcaaccaa gcacgctgca tcacgtttca tcgcgaaacg tggcuc 46

<210> 128

<211> 46

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

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<210> 129

<211> 44

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 129
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<210> 130
<211> 37
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<220>
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<400> 130
cgatgagcaa ccaagcacgc tgcatacgt ttcacg 37

<210> 131
<211> 94
<212> DNA
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<220>
<223> Aptamer

<400> 131
taatacgact cactataggc gtagcctgat gagctcacag cccgaaacac atcgccacgt 60

tcacgaaacg tggatgaaagc cacgtagctg cgcc 94

<210> 132
<211> 30
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<220>
<223> Signaling Polynucleotide

<400> 132
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<210> 133
<211> 34
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<220>

<223> Signaling Polynucleotide

<400> 133

tgagctcaca gcccgaaaca catcgccacg ttca

34

<210> 134

<211> 44

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 134

cgaaatgagc tcacagcccg aaacacatcg ccacgttcaa aacg

44

<210> 135

<211> 54

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 135

uaucgctcac agcccgaaac acatcgccac gttcacgaaa cgtggtgaaa gaua

54

<210> 136

<211> 104

<212> DNA

<213> Artificial Sequence

<220>

<223> Aptamer

<400> 136

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60

tagacaccac ggacgaaacg tggtgaaagc cacgtagctg cgcc

104

<210> 137

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 137

ctcaatacta cgtcaattca cagatgatag acaccacgga

40

<210> 138

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 138

gagctcaata ctacgtcaat tcacagatga tagacaccac ggacgaaacg tggtgaaag

59

<210> 139

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 139

gagctcaata ctacgtcaat tcacagatga tagacaccac ggacgaaacg tggtgacuc

59

<210> 140

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 140

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60

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62

<210> 141

20661004PCT_SEQLIST_FINAL

<211> 62
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 <220>
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 <400> 141
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 ag 62

<210> 142
 <211> 60
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 142
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<210> 143
 <211> 60
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 143
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<210> 144
 <211> 59
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Signaling Polynucleotide

 <400> 144
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20661004PCT_SEQLIST_FINAL

<210> 145
 <211> 62
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 <400> 145
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 ga 62

 <210> 146
 <211> 63
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 <400> 146
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 uau 63

 <210> 147
 <211> 63
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 <400> 147
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 uac 63

 <210> 148
 <211> 62
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20661004PCT_SEQLIST_FINAL

<220>

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<400> 148

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ag 62

<210> 149

<211> 104

<212> DNA

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<400> 149

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<210> 150

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 150

tccaacacca cgtaacgtac actgcatgtg attgggtgcaa 40

<210> 151

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 151

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<210> 152

20661004PCT_SEQLIST_FINAL

<211> 65
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 <220>
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 <400> 152
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 ggtga 65

 <210> 153
 <211> 50
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Signaling Polynucleotide

 <400> 153
 gatgagtcca acaccacgta acgtacactg catgtgattg gtgcaacgaa 50

 <210> 154
 <211> 58
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 154
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 <210> 155
 <211> 58
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 155
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20661004PCT_SEQLIST_FINAL

<210> 156
 <211> 58
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<220>
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<400> 156
 ucacgatgag tccaacacca cgtaacgtac actgcatgtg attggtgcaa cgaaguga 58

<210> 157
 <211> 104
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Aptamer

<400> 157
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 cgtaggacatt ccgcgaaacg tggtagaaagc cagtagctg cgcc 104

<210> 158
 <211> 40
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<220>
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<400> 158
 tggcgccgac tgatcaacta gacatcacgt tagcattccg 40

<210> 159
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 159

cctgatgagt ggcgccgact gatcaactag acatcacgtt agcattccgc gaaacgtgg 59

<210> 160
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 160
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<210> 161
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 161
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<210> 162
 <211> 59
 <212> DNA
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<220>
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<400> 162
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<210> 163
 <211> 65
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Signaling Polynucleotide

<400> 163

20661004PCT_SEQLIST_FINAL

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<210> 164

<211> 66

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<220>

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agcaug 66

<210> 165

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 165

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gcucua 66

<210> 166

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

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cuuu 64

<210> 167

20661004PCT_SEQLIST_FINAL

<211> 104
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<220>
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<400> 167
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 cttcgtctca ggacgaaacg tggtgaaagc cacgtagctg cgcc 104

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

<220>
 <223> Signaling Polynucleotide

<400> 168
 ccagcaacca ggttacctcc catcacgctt cgtctcagga 40

<210> 169
 <211> 56
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Signaling Polynucleotide

<400> 169
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<210> 170
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Signaling Polynucleotide

<400> 170
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20661004PCT_SEQLIST_FINAL

<210> 171
 <211> 50
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 <220>
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 <400> 171
 gatgagccag caaccagggtt acctcccatc acgcttcgtc tcaggacgaa 50

 <210> 172
 <211> 56
 <212> DNA
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 <220>
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 <210> 173
 <211> 56
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 <220>
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 <210> 174
 <211> 59
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 <220>
 <223> Signaling Polynucleotide

 <400> 174
 ccaagatgag ccagcaacca ggttacctcc catcacgctt cgtctcagga cgacuuugg 59

20661004PCT_SEQLIST_FINAL

<210> 175
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 <220>
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 <400> 175
 acaagatgag ccagcaacca ggttacctcc catcacgctt cgtctcagga cgacuuugu 59

 <210> 176
 <211> 58
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Signaling Polynucleotide

 <400> 176
 acagatgagc cagcaaccag gttacctccc atcacgcttc gtctcaggac gacuuugu 58

 <210> 177
 <211> 104
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Aptamer

 <400> 177
 taatacgact cactataggc gtagcctgat gagctgacac cacaaacgat tatgaccacg 60

 ttatcgtaca tagcgaaacg tggtgaaagc cacgtagctg cgcc 104

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 <220>
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 <400> 178

ctgacaccac aaacgattat gaccacgtta tcgtacatag 40

<210> 179
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 <212> DNA
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<220>
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<400> 179
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aa 62

<210> 180
 <211> 62
 <212> DNA
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<220>
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<400> 180
 gagctgacac cacaacgat tatgaccacg ttatcgtaca tagcgaaacg tgggtgaaagc 60

ca 62

<210> 181
 <211> 64
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Signaling Polynucleotide

<400> 181
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ccau 64

<210> 182
 <211> 65
 <212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 182

ugagctgaca ccacaaacga ttatgaccac gttatcgtac atagcgaaac gtggtgaaag 60

ccuca 65

<210> 183

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

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gccguca 67

<210> 184

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 184

ugaagctgac accacaaacg attatgacca cgttatcgta catagcgaaa cgtggcguca 60

<210> 185

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 185

augaagctga caccacaaac gattatgacc acgttatcgt acatagcgaa acgtggcguc 60

au 62

<210> 186
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<220>
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<400> 186
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ccuac 65

<210> 187
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 187
 uguaagctga caccacaaac gattatgacc acgttatcgt acatagcgaa acgtggtgaa 60

agaggca 67

<210> 188
 <211> 68
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Signaling Polynucleotide

<400> 188
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aagaggca 68

<210> 189
 <211> 104
 <212> DNA

<213> Artificial Sequence

<220>

<223> Aptamer

<400> 189

taatacgact cactataggc gtagcctgat gagtaggtca agtgcgctaa aacacaccgc 60

gtagttcac caacgaaacg tggtagaaagc cacgtagctg cgcc 104

<210> 190

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

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<210> 191

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 191

ataggtcaag tgcgctaaaa cacaccgcgt tagttcacca acgaaacgtg gtgaaagaua 60

au 62

<210> 192

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 192

gataggtcaa gtgcgctaaa acacaccgcg ttagttcacc aacgaaacgt ggtgaaagau 60

aauc

64

<210> 193
 <211> 109
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Aptamer

<400> 193
 taatacgact cactataggc gtagcctgat gaggccacct cactgtgttt tgttgcacaa 60
 cataatatga tgacgtgccg aaacgtggtg aaagccacgt agctgcgcc 109

<210> 194
 <211> 46
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 194
 ggccacctca ctgtgttttg ttgcacaaca taatatgatg acgtgc 46

<210> 195
 <211> 52
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Signaling Polynucleotide

<400> 195
 gcacgaggcc accucacugu guuuuguugc acaacauaau augaugacgu gc 52

<210> 196
 <211> 53
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Signaling Polynucleotide

<400> 196
gcacguaggc caccucacug uguuuuguug cacaacauaa uaugaugacg ugc 53

<210> 197
<211> 54
<212> RNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

<400> 197
gcacguaugg ccaccucacu guguuuguuu gcacaacaua auaugaugac gugc 54

<210> 198
<211> 53
<212> RNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

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<400> 202
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<211> 52

<212> DNA

<213> Artificial Sequence

<220>

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<223> Signaling Polynucleotide

<400> 218

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<210> 219

<211> 109

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<220>

<223> Aptamer

<400> 219

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<400> 221
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<210> 222
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<220>
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<210> 223
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<220>
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<400> 223
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20661004PCT_SEQLIST_FINAL

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<210> 225
 <211> 63
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<220>
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<400> 225
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ttg 63

<210> 226
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 <212> DNA
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<220>
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<400> 226
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<210> 227
 <211> 109
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cacaacacac cgtatgagcg aaacgtggtg aaagccacgt agctgcgcc 109

<210> 228

<211> 45

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<211> 51

<212> DNA

<213> Artificial Sequence

<220>

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<400> 229

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<211> 55

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

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<210> 231

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20661004PCT_SEQLIST_FINAL

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g 61

<210> 232
<211> 52
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<210> 233
<211> 54
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<400> 233
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<210> 234
<211> 54
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<210> 235
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20661004PCT_SEQLIST_FINAL

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<400> 235

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<210> 236

<211> 109

<212> DNA

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<220>

<223> Signaling Polynucleotide

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<211> 64

<212> DNA

<213> Artificial Sequence

<220>

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gtgg 64

<210> 239

20661004PCT_SEQLIST_FINAL

<211> 70
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 aacgaggcat 70

<210> 240
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<220>
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 aacgtggtga a 71

<210> 241
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<400> 241
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 acgtggca 68

<210> 242
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20661004PCT_SEQLIST_FINAL

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<210> 243
<211> 75
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<220>
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aaacgtggtg aagug 75

<210> 244
<211> 50
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<220>
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<400> 244
ccaactgtgc acactgttcg cttatcgagc tgtgtacctc catagguugg 50

<210> 245
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<220>
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<400> 245
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<210> 246
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<213> Artificial Sequence

<220>

<223> Aptamer

<400> 246

taatacgaact cactataggc gtagcctgat gagcttggtc acctttcctg acattaacac 60

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<210> 247

<211> 30

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<213> Artificial Sequence

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<223> Signaling Polynucleotide

<400> 247

cttggtcacc tttcctgaca ttaacacagg 30

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<211> 35

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<213> Artificial Sequence

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<210> 249

<211> 35

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<400> 249

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20661004PCT_SEQLIST_FINAL

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 <400> 250
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 caacgaaacg tggtgaaagc cacgtagctg cgcc 94

 <210> 251
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 <210> 252
 <211> 36
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 <400> 252
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 <210> 253
 <211> 40
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 <400> 253
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20661004PCT_SEQLIST_FINAL

<210> 254
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<210> 260
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<210> 261
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<400> 261
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<210> 262
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<400> 262
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atacgaaacg tgggtgaaagc cacgtagctg cgcc 94

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<400> 264
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<210> 265
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<220>

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<400> 265

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40

<210> 266

<211> 94

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94

<210> 267

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30

<210> 268

<211> 37

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<400> 268

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37

<210> 269

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<223> Signaling Polynucleotide

<400> 269

gttaccgccga aacggcccta actgcatcag ggguaac

37

<210> 270

<211> 89

<212> DNA

<213> Artificial Sequence

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<400> 270

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aaacgtggtg aaagccacgt agctgcgcc

89

<210> 271

<211> 25

<212> DNA

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25

<210> 272

<211> 46

<212> DNA

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<223> Signaling Polynucleotide

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46

<210> 273

20661004PCT_SEQLIST_FINAL

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 <210> 274
 <211> 52
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 <220>
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 <400> 274
 tatacaatga tgagccgcat caccacccaa accaccgttc gaaacgagta ag 52

 <210> 275
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 <210> 276
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 <400> 276
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 <210> 277

20661004PCT_SEQLIST_FINAL

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<400> 277
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<210> 278
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<400> 278
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 aaacgtggtg aaagccacgt agctgcgcc 89

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<220>
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<400> 279
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<210> 280
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 <212> DNA
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<220>
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<400> 280
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<210> 281
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<210> 282
 <211> 45
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 <220>
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 <400> 282
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<210> 283
 <211> 43
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 <213> Artificial Sequence

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 <400> 283
 cttagggtag agcctgctcc atccgcgcca gcctcaccut aag 43

<210> 284
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 <400> 284
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<210> 285
 <211> 42
 <212> DNA
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 <400> 285
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<210> 286
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 <220>
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 <400> 286
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<210> 287
 <211> 56
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 <220>
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 <400> 287
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<210> 288
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 <213> Artificial Sequence

 <220>
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20661004PCT_SEQLIST_FINAL

<210> 289
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 <212> DNA
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<210> 290
 <211> 56
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 <213> Artificial Sequence

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 <400> 290
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<210> 291
 <211> 56
 <212> DNA
 <213> Artificial Sequence

 <220>
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<210> 292
 <211> 56
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 <213> Artificial Sequence

 <220>
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<210> 293
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 <213> Artificial Sequence

<220>
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<400> 293
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<210> 294
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<220>
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<400> 294
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<210> 295
 <211> 89
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<220>
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<400> 295
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aaacgtggtg aaagccacgt agctgcgcc 89

<210> 296
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<220>
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<400> 296

ccaatctcct gccacgccg ttcca 25

<210> 297
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<220>
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<400> 297
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<210> 298
 <211> 47
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<220>
 <223> Signaling Polynucleotide

<400> 298
 taggcgtagc ctgatgagcc aatctcctgc ccacgccgtt ccacgaa 47

<210> 299
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Signaling Polynucleotide

<400> 299
 taggcgtagc ctgatgagcc aatctcctgc ccacgccgtt ccaccuacgc cua 53

<210> 300
 <211> 47
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 300

gcgtagcctg atgagccaat ctcctgcccc cgccgttcca ccuacgc 47

<210> 301
 <211> 47
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 <213> Artificial Sequence

<220>
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<400> 301
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<210> 302
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 <213> Artificial Sequence

<220>
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<210> 303
 <211> 47
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 303
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<210> 304
 <211> 55
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 304

gucctagcct gatgagccaa tctcctgccc acgccgttcc acaucuugcu agaac 55

<210> 305
 <211> 41
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 305
 gatgagccaa tctcctgccc acgccgttcc acaagcucan c 41

<210> 306
 <211> 44
 <212> DNA
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<220>
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<400> 306
 cctgatgagc caatctcctg cccacgccgt tccacaucga aagg 44

<210> 307
 <211> 89
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 307
 taatacgact cactataggc gtagcctgat gagccaatca aggaccgcct tcaccgctcg 60

aaacgtgggtg aaagccacgt agctgcgcc 89

<210> 308
 <211> 25
 <212> DNA
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<220>
 <223> Signaling Polynucleotide

<400> 308
ccaatcaagg accgccttca ccgct 25

<210> 309
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
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<400> 309
cctgatgagc caatcaagga ccgccttcac cgctcgaaac g 41

<210> 310
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
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<400> 310
gatgagccaa tcaaggaccg ccttcaccgc tcgau 35

<210> 311
<211> 31
<212> DNA
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<220>
<223> Signaling Polynucleotide

<400> 311
tgagccaatc aaggaccgcc ttcaccgctc g 31

<210> 312
<211> 34
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<220>
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<400> 312
gcacagccaa tcaaggaccg ccttcaccgc tucu 34

<210> 313
<211> 35
<212> DNA
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<220>
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<400> 313
gcaacagcca atcaaggacc gccttcaccg ctuuu 35

<210> 314
<211> 33
<212> DNA
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<220>
<223> Signaling Polynucleotide

<400> 314
gacagccaat caaggaccgc cttcaccgct uuu 33

<210> 315
<211> 89
<212> DNA
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<220>
<223> Aptamer

<400> 315
taatacgact cactataggc gtagcctgat gagactctcg catcaccagc caactcaccg 60

aaacgtggtg aaagccacgt agctgcgcc 89

<210> 316
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<220>

<223> Signaling Polynucleotide

<400> 316

actctcgcat caccagccaa ctcac

25

<210> 317

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 317

tagcctgatg agactctcgc atcaccagcc aactcaccga aacgtggtga aag

53

<210> 318

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 318

tagcctgatg agactctcgc atcaccagcc aactcaccga aacgtggtgg cua

53

<210> 319

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 319

tagccagatg agactctcgc atcaccagcc aactcaccga aacgtggtgg cua

53

<210> 320

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 320

tagccagatg agactctcgc atcaccagcc aactcaccga acacauctgg cua 53

<210> 321

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 321

tcgccagatg agactctcgc atcaccagcc aactcaccga aacgtgggtgg cga 53

<210> 322

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 322

tcgccagatg agactctcgc atcaccagcc aactcaccga aacgtggagg cga 53

<210> 323

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 323

tugccagatg agactctcgc atcaccagcc aactcaccga aacgtggagg cga 53

<210> 324

<211> 55

<212> DNA

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<400> 324

tugccagatg agactctcgc atcaccagcc aactcaccga aacgtggagu ugcga 55

<210> 325

<211> 54

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 325

tugccuugat gagactctcg catcaccagc caactcaccg aaacgtggag gcga 54

<210> 326

<211> 55

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 326

tugccuauga tgagactctc gcatcaccag ccaactcacc gaaacgtgga ggcga 55

<210> 327

<211> 55

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 327

tugccugatg agactctcgc atcaccagcc aactcaccga aacgaatgga ggcga 55

<210> 328

<211> 54

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 328

tugccugatg agactctcgc atcaccagcc aactcaccga aacggtggag gcga 54

<210> 329

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 329

tugccugatg agactctcgc atcaccagcc aactcaccga aacgtggagg cat 53

<210> 330

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 330

tugccugatg agactctcgc atcaccagcc aactcaccga aacgtggagg caa 53

<210> 331

<211> 89

<212> DNA

<213> Artificial Sequence

<220>

<223> Aptamer

<400> 331

taatacgact cactataggc gtagcctgat gagcgggtact cagattacag agtgacatcg 60

aaacgtggtg aaagccacgt agctgcgcc 89

<210> 332

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 332

cgttactcag attacagagt gacat

25

<210> 333

<211> 88

<212> DNA

<213> Artificial Sequence

<220>

<223> Aptamer

<400> 333

taatacgact cactataggc gtagcctgat gagagacacc acggatccga actggagcga

60

aacgtggtga aagccacgta gctgcgcc

88

<210> 334

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 334

agacaccacg gatccgaact ggag

24

<210> 335

<211> 89

<212> DNA

<213> Artificial Sequence

<220>

<223> Aptamer

<400> 335

taatacgact cactataggc gtagcctgat gagcctcgca agattgcata cgtagaacg

60

aaacgtggtg aaagccacgt agctgcgcc

89

<210> 336
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Signaling Polynucleotide

<400> 336
 cctcgcaaga ttgcatacgt tagaa 25

<210> 337
 <211> 89
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Aptamer

<400> 337
 taatacgact cactataggc gtagcctgat gagcacgtag gaaacgacct ctacggagcg 60
 aaacgtgggtg aaagccacgt agctgcgcc 89

<210> 338
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Signaling Polynucleotide

<400> 338
 cacgtaggaa acgacctcta cggag 25

<210> 339
 <211> 90
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Aptamer

<400> 339

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gaaacgtggt gaaagccacg tagctgcgcc 90

<210> 340

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 340

cccgaaccca ccaccgttgt ccaata 26

<210> 341

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 341

ccagtctccc gtttaccgcg cctacacatg tctgaatgcc 40

<210> 342

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 342

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<210> 343

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Signaling Polynucleotide

<400> 343
tagtctcccg tttaccgcg cttacacatgt ctgaa 35

<210> 344
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

<400> 344
ctaggcgaaa tatagctaca actgtctgaa ggcacccaat 40

<210> 345
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

<400> 345
atctacgaat tcatcagggc taaagagtgc agagttactt ag 42

<210> 346
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

<400> 346
tacgaattca tcagggctaa agagtgcaga gttact 36

<210> 347
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

<400> 347
aatatctacg aattcatcag ggctaaagag tgcagagtta cttagctc 48

<210> 348
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

<400> 348
atctacgaat tcatacagggc taaagagtgc agagttactt ag 42

<210> 349
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

<400> 349
gcagctaagc aggcggctca caaaaccatt cgcatacggc 40

<210> 350
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

<400> 350
gctaagcagg cggctcaciaa aaccattcgc atgc 34

<210> 351
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

20661004PCT_SEQLIST_FINAL

<400> 351
gctaagcagg cggctcacaa aaccattcgc atgcaa 36

<210> 352
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

<400> 352
gguugugaag auugggagcg ucguggcuac 30

<210> 353
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> Signaling Polynucleotide

<400> 353
tcgcacattc cgcttctacc ggggggggtcg agctgagtgg atgcgaatct gtgggtgggc 60

cgtaagtccg tgtgtgcgaa 80