SEQUENCE LISTING

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MAORI, Eyal
GALANTY, Yaron
PIGNOCCHI, Cristina
CHAPARRO GARCIA, Angela
MEIR, Ofir

<120> MODIFYING THE SPECIFICITY OF NON-CODING RNA MOLECULES FOR SILENCING GENE EXPRESSION IN EUKARYOTIC CELLS

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cccaccctcg tgaccaccct gacctacggc gtgcagtgct tcagccgcta ccccgaccac 240

atgaagcagc acgacttctt caagtccgcc atgcccgaag gctacgtcca ggaggtagat 300

ttatgcatcc tcttgtcatg agaagtcgaa ttgttcccat tctgtgtgtt gcagctacag 360

atggagatac atagagatac tcgtggattt tgcttagtgt tgagttttgt tctggttgtg 420

aactaaaagt ttatacattt gcaggaaata aatagccttt tgtttaaatc aaaaggtctt 480

acctatgtta gtgtgaagca ttggatccca aagaactcca aaatgcgatg aggcatattt 540

aatcttgtct ggactagtaa caggttggga tgaccacctg tgaagctcca acaggattgc 600

ctcctcacgc aatgtttgag gtctgatgtt caatagcttg ttttgtttca ctttgctttg 660

gactttcttt tcgccaatga gctatgtttc tgatggtttt cactcttttg gtgtgtagag 720

aaccatcttc ttcaaggacg acggcaacta caagacccgc gccgaggtga agttcgaggg 780

cgacaccctg gtgaaccgca tcgagctgaa gggcatcgac ttcaaggagg acggcaacac 840

ctggggcaca agctggagta caactacaac agccacaacg tctatatcat ggccgacaag 900

cagaagaagg catcaaggtg aacttcaaga tccgccacaa catcgaggac ggcagcgtgc 960

agctcgccga ccactacagc agaacacccc catcggcgac ggccccgtgc tgctgcccga 1020

caaccactac ctgagcaccc agtccgccct gagcaaagac cccaacgaga agcgcgatca 1080

catggtcctg ctggagttcg tgaccgccgc cgggatcact ctcggcatgg acgagctgta 1140

caagtaa 1147

<210> 13
<211> 84
<212> RNA
<213> homo sapiens

<400> 13
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ccugggggac agggaccugg ggac 84

<210> 14
<211> 110
<212> RNA
<213> homo sapiens

<400> 14
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acccacugug cgugugacag cggcugaucu gugccugggc agcgcgaccc 110

<210> 15
<211> 83
<212> RNA
<213> homo sapiens

<400> 15
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uauacaaccu acugccuucc cug 83

<210> 16
<211> 84
<212> RNA
<213> homo sapiens

<400> 16
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gaacugauaa ggguagguga uuga 84

<210> 17
<211> 110
<212> RNA
<213> homo sapiens

<400> 17
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auaugaagga ggcugggaag gcaaagggac guucaauugu caucacuggc 110

<210> 18
<211> 84
<212> RNA
<213> homo sapiens

<400> 18
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ugucucgguc ugacagugcc ggcc 84

<210> 19
<211> 110
<212> RNA
<213> homo sapiens

<400> 19
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aagcaaucag caaguauacu gcccuagaag ugcugcacgu ugugggggccc 110

<210> 20
<211> 84
<212> RNA
<213> homo sapiens

<400> 20
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uccacugcca ucaaaacaag gcac 84

<210> 21
<211> 23
<212> RNA
<213> homo sapiens

<400> 21
aggcagugua guuagcugau ugc 23

<210> 22

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

<220>
<223> CMV sequence promoter

<400> 22
tagtaatcaa ttacggggtc attagttcat agcccatata tggagttccg cgttacataa 60

cttacggtaa atggcccgcc tggctgaccg cccaacgacc cccgcccatt gacgtcaata 120

atgacgtatg ttcccatagt aacgccaata gggactttcc attgacgtca atgggtggag 180

tatttacggt aaactgccca cttggcagta catcaagtgt atcatatgcc aagtacgccc 240

cctattgacg tcaatgacgg taaatggccc gcctggcatt atgcccagta catgacctta 300

tgggactttc ctacttggca gtacatctac gtattagtca tcgctattac catggtgatg 360

cggttttggc agtacatcaa tgggcgtgga tagcggtttg actcacgggg atttccaagt 420

ctccacccca ttgacgtcaa tgggagtttg ttttggcacc aaaatcaacg ggactttcca 480

aaatgtcgta acaactccgc cccattgacg caaatgggcg gtaggcgtgt acggtgggag 540

gtctatataa gcagagctgg tttagtgaac cgtcag 576

<210> 23
<211> 225
<212> DNA
<213> Artificial sequence

<220>
<223> BGH poly(A)signal termination sequence

<400> 23
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tgagtaggtg tcattctatt ctgggggggtg gggtggggca ggacagcaag ggggaggatt 180

gggaagacaa tagcaggcat gctggggatg cggtgggctc tatgg 225

<210> 24
<211> 1147
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic construct clone eGFP-OsP5SM_E/R eGFP (eGFP) gene

<400> 24
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acctacggca agctgaccct gaagttcatc tgcaccaccg gcaagctgcc cgtgccctgg 180

cccaccctcg tgaccaccct gacctacggc gtgcagtgct tcagccgcta ccccgaccac 240

atgaagcagc acgacttctt caagtccgcc atgcccgaag gctacgtcca ggaggtagat 300

ttatgcatcc tcttgtcatg agaagtcgaa ttgttcccat tctgtgtgtt gcagctacag 360

atggagatac atagagatac tcgtggattt tgcttagtgt tgagttttgt tctggttgtg 420

aactaaaagt ttatacattt gcaggaaata aatagccttt tgtttaaatc aaaaggtctt 480

acctatgtta gtgtgaagca ttggatccca aagaactcca aaatgcgatg aggcatattt 540

aatcttgtct ggactagtaa caggttggga tgaccacctg tgaagctcca acaggattgc 600

ctcctcacgc aatgtttgag gtctgatgtt caatagcttg ttttgtttca ctttgctttg 660

gactttcttt tcgccaatga gctatgtttc tgatggtttt cactcttttg gtgtgtagag 720

aaccatcttc ttcaaggacg acggcaacta caagacccgc gccgaggtga agttcgaggg 780

cgacaccctg gtgaaccgca tcgagctgaa gggcatcgac ttcaaggagg acggcaacac 840

ctggggcaca agctggagta caactacaac agccacaacg tctatatcat ggccgacaag 900

cagaagaagg catcaaggtg aacttcaaga tccgccacaa catcgaggac ggcagcgtgc 960

agctcgccga ccactacagc agaacacccc catcggcgac ggccccgtgc tgctgcccga 1020

caaccactac ctgagcaccc agtccgccct gagcaaagac cccaacgaga agcgcgatca 1080

catggtcctg ctggagttcg tgaccgccgc cgggatcact ctcggcatgg acgagctgta 1140

caagtaa 1147

<210> 25
<211> 4140
<212> DNA
<213> Artificial sequence

<220>
<223> Cas9 human codon-optimized

<400> 25
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cacagcataa agaagaacct cattggcgcc ctcctgttcg actccgggga gacggccgaa 180

gccacgcggc tcaaaagaac agcacggcgc agatataccc gcagaaagaa tcggatctgc 240

tacctgcagg agatctttag taatgagatg gctaaggtgg atgactcttt cttccatagg 300

ctggaggagt ccttttggt ggaggaggat aaaaagcacg agcgccaccc aatctttggc 360

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aagcttgtag acagtactga taaggctgac ttgcggttga tctatctcgc gctggcgcat 480

atgatcaaat ttcggggaca cttcctcatc gagggggacc tgaacccaga caacagcgat 540

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atcaacgcat ccggagttga cgccaaagca atcctgagcg ctaggctgtc caaatcccgg 660

cggctcgaaa acctcatcgc acagctccct ggggagaaga agaacggcct gtttggtaat 720

cttatcgccc tgtcactcgg gctgaccccc aactttaaat ctaacttcga cctggccgaa 780

gatgccaagc ttcaactgag caaagacacc tacgatgatg atctcgacaa tctgctggcc 840

cagatcggcg accagtacgc agacctttt ttggcggcaa agaacctgtc agacgccatt 900

ctgctgagtg atattctgcg agtgaacacg gagatcacca aagctccgct gagcgctagt 960

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cagcaactgc ctgagaagta caaggaaatt ttcttcgatc agtctaaaaa tggctacgcc 1080

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gagaaaatcc tcacatttcg gataccctac tatgtaggcc ccctcgcccg gggaaattcc 1380

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tataacgagc tcaccaaggt caaatacgtc acagaaggga tgagaaagcc agcattcctg 1620

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attaaagaca aggacttcct ggacaatgag gagaacgagg acattcttga ggacattgtc 1860

ctcaccctta cgttgtttga agatagggag atgattgaag aacgcttgaa aacttacgct 1920

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cggctgtcaa gaaaactgat caatgggatc cgagacaagc agagtggaaa gacaatcctg 2040

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cctgcagcct tcaagtactt cgacaccacc atagacagaa agcggtacac ctctacaaag 4020

gaggtcctgg acgccacact gattcatcag tcaattacgg ggctctatga aacaagaatc 4080

gacctctctc agctcggtgg agacagcagg gctgacccca agaagaagag gaaggtgtga 4140

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<211> 1182
<212> DNA
<213> Artificial sequence

<220>
<223> EF1a core promoter

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gaggggtcgg caattgaacc ggtgcctaga gaaggtggcg cggggtaaac tgggaaagtg 120

atgtcgtgta ctggctccgc ctttttcccg agggtggggg agaaccgtat ataagtgcag 180

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taattctcct tggaatttgc ccttttgag tttggatctt ggttcattct caagcctcag 1140

acagtggttc aaagtttttt tcttccattt caggtgtcgt ga 1182

<210> 27
<211> 257
<212> DNA
<213> Artificial sequence

<220>
<223> pol III (U6) promoter

<400> 27
aaggtcgggc aggaagaggg cctatttccc atgattcctt catatttgca tatacgatac 60

aaggctgtta gagagataat tagaattaat ttgactgtaa acacaaagat attagtacaa 120

aatacgtgac gtagaaagta ataatttctt gggtagtttg cagttttaaa attatgtttt 180

aaaatggact atcatatgct taccgtaact tgaaagtatt tcgatttctt ggctttatat 240

atcttgtgga aaggacg 257

<210> 28
<211> 711
<212> DNA
<213> Artificial sequence

<220>
<223> mCherry ORF nucleic acid sequence

<400> 28

atggtgagca agggcgagga ggataacatg gccatcatca aggagttcat gcgcttcaag 60

gtgcacatgg agggctccgt gaacggccac gagttcgaga tcgagggcga gggcgagggc 120

cgcccctacg agggcaccca gaccgccaag ctgaaggtga ccaagggtgg cccctgccc 180

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gccctgaagg gcgagatcaa gcagaggctg aagctgaagg acggcggcca ctacgacgct 540

gaggtcaaga ccacctacaa ggccaagaag cccgtgcagc tgcccggcgc ctacaacgtc 600

aacatcaagt tggacatcac ctcccacaac gaggactaca ccatcgtgga acagtacgaa 660

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<210> 29
<211> 22
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<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 29
ttcgcttgca gagagaaatc ac 22

<210> 30
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 30
aagctcagga gggatagcgc c 21

<210> 31
<211> 23
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 31
cttgcagaga gaaatcacag tgg 23

<210> 32
<211> 23
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<220>
<223> Single strand oligonucleotide

<400> 32
gcttacacag agaatcacag agg 23

<210> 33
<211> 23
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<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 33
aagaatctgt aaagctcagg agg 23

<210> 34
<211> 23
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 34
ctatccatcc tgagtttcat tgg 23

<210> 35
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 35
aagtcgtgct gcttcatgtg g 21

<210> 36
<211> 22
<212> DNA
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<220>
<223> Single strand oligonucleotide

<400> 36
ccacataagc aggacgagtt aa 22

<210> 37
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 37
agttgtactc cagcttgtgc c 21

<210> 38
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 38
gcaaagctgc agtacaacta a 21

<210> 39
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 39
tatccacaca aactacctgc a 21

<210> 40
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 40
gcagtagtta gtgtggataa a 21

<210> 41
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 41
tgacaatcca gccaatccag c 21

<210> 42
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 42
ctgattggca ggattgtcaa a 21

<210> 43
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 43
taaagatcgg caacacatga t 21

<210> 44
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 44
tcagtgttgg cgatcttta 19

<210> 45
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 45
tgacctttct tgggtttagc c 21

<210> 46
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 46
gctaacccat gaaaggtca 19

<210> 47
<211> 102
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 47
taagtacttt cgcttgcaga gagaaatcac agtggtcaaa aaagttgtag ttttcttaaa 60

gtctctttcc tctgtgattc tctgtgtaag cgaaagagct tg 102

<210> 48
<211> 102
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 48
taagtactta agtcgtgctg cttcatgtgg agtggtcaaa aaagttgtag ttttcttaaa 60

gtctctttcc tctccacata agcaggacga gttaagagct tg 102

<210> 49

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

<220>
<223> Single strand oligonucleotide

<400> 49
taagtactta gttgtactcc agcttgtgcc agtggtcaaa aaagttgtag ttttcttaaa 60

gtctctttcc tctggcaaag ctgcagtaca actaagagct tg 102

<210> 50
<211> 102
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 50
taagtacttt atccacacaa actacctgca agtggtcaaa aaagttgtag ttttcttaaa 60

gtctctttcc tcttgcagta gttagtgtgg ataaagagct tg 102

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<211> 102
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<400> 79

gttgagagtg ttggagaagg ag 22

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<400> 81
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<400> 86
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<400> 88

ccagtcaaga tttcatggat ctgtt 25

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<400> 91
agagtggtcg tgtgagttgc 20

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<220>
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cgcatcagat ctatcaaaca cataga 26

<210> 93
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aaaacugucc gcaaguuuau gcuguaucuc acagacagca accgacuacg 110

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ggc 63

<210> 95
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uaaucguuaa aaaguuuguu uuaguuuauc ccaggagguu ucugugaccg 110

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uggggguucac uaauccgaga uguagccgcc ucacc 95

<210> 97

<211> 110
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gagcauucgu gggguucacu aauccgaugg cagccgggga acacgauccu 110

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gugggccaag guucuguau 79

<210> 103
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acuaaucccu gcgacaucgg g 81

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gaaacgggca gcaccuucgu gguaaagaac acggaggggu uccgcccaca 110

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ggcagggcgg ugcccauccc ugagcc 86

<210> 108
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gggguucacu aauccauccu gugagacgcc gcaac 95

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aaauuaacug uca 73

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ugcguuccgu uccgcaugcc cuggcc 86

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auaauggcau aaucacuccg ccccccggc gagg 94

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gaagcgggca cgugacgcuu auucaauauc gccgguugca gcuauugacc 110

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uuucuuugcu cgggggccgg ugccc 85

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ggcuguaugg agccagugag ccggcc 86

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gggguucacu aaucccggag gugauacagc gcauc 95

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ggccccgagu agaagagucc uucaucaacg aggaagagau ucggcccugu ggggaccca 119

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uuuucagcug c 71

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<211> 80
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ggagggaugu gccuucuagg 80

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gucccc aaca agaagagugg cuuagugagc uccacgggcc ccggagaugg acgucgcca 119

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agcaggaaca ggg 73

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ucauggaugu gacugggagg 80

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ggccccgaga agaagacuuc auucgugggg uucacuaauc caggggcgag gcucggaua 119

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uuauguaugu gucggauagg 80

<210> 128
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<220>
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ucugucuccu cuaagacuua cucugag 87

<210> 129
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<400> 129
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ggcccccagg agaagauuau aaguuggaug uucuguuucc caggcucugc gcgauaaca 119

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uaaaguacug c 71

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aaagaguaag ucggcccuug gggc 84

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gcccccuacc agaagauggg cuuagugaac uccacgagcc cgggguccgc gcgaagaca 119

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guaguaaagu gccacucggg 80

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gggaccaacg agaagccgua cuggcauuac ucuucugacc ccggaccagc gcgaauaca 119

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uagucuuuug guagcugcga gucgcgcc 88

<210> 139
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ucuag 125

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gcgaag 126

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taaaggtagt accaagtcag actgccttcc tgataacagg tctcattttg taggaccctt 180

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taaaggtagt accaagtcag actgccttcc tgataacagg tctcattttg taggaccctt 180

attgtgtgtt ttttggggaa gcctactgta aaagccaaca ttttaatggg attgtatctt 240

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acagctgcct cggtgggagc cacagtgggc gctgcctcgg gcggcactgg ctgcgtccag 600

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gcatctagtg cagatagtga agtagactag catctactgc cctaagtgct ccttctggca 720

taagaagtta tgtcctcatc caatccaagt caagcaagca tgtaggggtc tctccatagt 780

tgtgtttgca gccctctgtt agttttgcat agttgcacta caagaagaat gtagttgtgc 840

aaatctatgc aaaactgatg gtggcctgct atttacttca agtgttgttt ttttttaaac 900

taattttgta tttttattgt gtcgatgtag agcctgcgtg gtgtgtgtga tgtgacagct 960

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<400> 245
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taaaggtagt accaagtcag actgccttcc tgataacagg tctcattttg taggaccctt 180

attgtgtgtt ttttggggaa gcctactgta aaagccaaca ttttaatggg attgtatctt 240

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tctggctatt ggctcctccc ctccccccct tgggtataag ctgtaattga tgtttgtgac 360

agaatttaga gctttggctt tttccttttt gtctaattat ttatttcaaa tttagcagga 420

ataaagtgaa cctcaccttg ggactgaagc tgtgaccagt cagaataatg tcataatcca 480

gcaggtcagc aaagtgatgt gcgcatctag ctgagttact ggattggtag cattatgctg 540

acagctgcct cggtgggagc cacagtgggc gctgcctcgg gcggcactgg ctgcgtccag 600

tcgtcggtca gtcggtcgcg gggagggcct gctggtgctg cgtgcttttt gttctaaggt 660

gcatctagtg cagatagtga agtagactag catctactgc cctaagtgct ccttctggca 720

taagaagtta tgtcctcatc caatccaagt caagcaagca tgtaggggtc tctccatagt 780

tgtgtttgca gccctctgtt agttttgcat agttgcacta caagaagaat gtagttgtgc 840

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tctgtagcac taaagtgctt atagtgcagg tagtgtgta 999

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attgtgtgtt ttttggggaa gcctactgta aaagccaaca ttttaatggg attgtatctt 240

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ataaagtgaa cctcaccttg ggactgaagc tgtgaccagt cagaataatg tcagtacgtg 480

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tgtgtttgca gccctctgtt agttttgcat agttgcacta caagaagaat gtagttgtgc 840

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<400> 247
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attgtgtgtt ttttggggaa gcctactgta aaagccaaca ttttaatggg attgtatctt 240

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<210> 248
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<400> 248
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ttttttttgta tttggttggt cggttggttt tcggttgttt cctgttggaa aggttttagg 240

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cgacaaataa aaggatggtc cgttttgttt tacttgtccc agttagtttt tttacagttt 720

cctttttagtg taactttatt ttgtgtcttt agtgtgtctc ttcattcgaa ggtggacaat 780

ttcggcctca tgtttgtcga ttttgattgt acttgtactt tttcggaaag aacgatcaca 840

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<220>
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<400> 249
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cgacaaataa aaggatggtc cgttttgttt tacttgtccc agttagtttt tttacagttt 720

cctttttagtg taactttatt ttgtgtcttt agtgtgtctc ttcattcgaa ggtggacaat 780

ttcggcctca tgtttgtcga ttttgattgt acttgtactt tttcggaaag aacgatcaca 840

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cttggagtat cagggcgaat ctagaggtcg ggttgttgtt ttgtggaacc tccatcgaga 960

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<400> 250
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cgacaaataa aaggatggtc cgttttgttt tacttgtccc agttagtttt tttacagttt 720

ccttttagtg taactttatt ttgtgtcttt agtgtgtctc ttcattcgaa ggtggacaat 780

ttcggcctca tgtttgtcga ttttgattgt acttgtactt tttcggaaag aacgatcaca 840

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cttggagtat cagggcgaat ctagaggtcg ggttgttgtt ttgtggaacc tccatcgaga 960

gagtccgtta tgtattttcg gacccgttaa gaccaaatt 999

<210> 251
<211> 999
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 251
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aaatttcgtt tcgtttgtag agaccaaacg accccgaatt acggttaaga tcctttcttt 660

cgacaaataa aaggatggtc cgttttgttt tacttgtccc agttagtttt tttacagttt 720

ccttttagtg taactttatt ttgtgtcttt agtgtgtctc ttcattcgaa ggtggacaat 780

ttcggcctca tgtttgtcga ttttgattgt acttgtactt tttcggaaag aacgatcaca 840

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cttggagtat cagggcgaat ctagaggtcg ggttgttgtt ttgtggaacc tccatcgaga 960

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<211> 999
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<223> Single strand oligonucleotide

<400> 252
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ccacttgagt cccgtgagat tcaacggaga ctccagtggg aaccttctat ccgacaaggt 540

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aaatttcgtt tcgtttgtag agaccaaacg accccgaatt acggttaaga tcctttcttt 660

cgacaaataa aaggatggtc cgttttgttt tacttgtccc agttagtttt tttacagttt 720

ccttttagtg taactttatt ttgtgtcttt agtgtgtctc ttcattcgaa ggtggacaat 780

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cttggagtat cagggcgaat ctagaggtcg ggttgttgtt ttgtggaacc tccatcgaga 960

gagtccgtta tgtattttcg gacccgttaa gaccaaatt 999

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<211> 80
<212> DNA
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<220>
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ataggtatgt gtctgttagg 80

<210> 254
<211> 80
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 254
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gtacaagatt gtaggttagg 80

<210> 255
<211> 80
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 255
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cactaatccg gaagagggcg 80

<210> 256
<211> 80
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<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 256
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ataggtatgt gtctgttagg 80

<210> 257
<211> 80
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 257
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ataggtatgt gcccgttagg 80

<210> 258
<211> 80
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 258
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agaacgatgt accagcccgg 80

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

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<223> Single strand oligonucleotide

<400> 259
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cagatgtgat aaccactaca ctatggaacc acag 94

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<211> 94
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<220>
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<400> 260
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cagaattcac ggagaagaca ggatgaaacc acag 94

<210> 261
<211> 94
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 261
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ctgagtacaa ttcgtggggt tcactaatcc cgag 94

<210> 262
<211> 94
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 262

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cagatgtgat aaccactaca ctatggaacc acag 94

<210> 263
<211> 94
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 263
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cagaattgtt catcaacgag gaagagattc acag 94

<210> 264
<211> 94
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 264
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ctgattggat tcatcaacga ggaagagatt acag 94

<210> 265
<211> 416
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

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tcattgaaat agtccggtgt tatccctacc tgagcttagt ttttttttt taatttttt 180

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tatctctact cctagttcat ttgaatcagt ttttctacct tgtctatccc tcctgagcta 360

atgtttgcat cttcttgttg gtcattgatg tatggttgat ataaattcca aataaa 416

<210> 266
<211> 416
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand oligonucleotide

<400> 266
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gatgtataga gactgtcggg tccattgtga ggagacattc agtttctctt taaaactcct 120

tcattgaaat agtccggtgt tatccctacc tgagcttagt ttttttttt taatttttt 180

tctgtcctat tgaattattc tattctcttg tccatgttcg acccatccct ttcaaagtat 240

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<210> 267
<211> 416
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<220>
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<400> 267
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tcattgaaat agtccggtgt tatccctacc tgagcttagt ttttttttt taatttttt 180

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